



## **Report on the status of waterbird populations in the AEWA area for the period 2013-2018**

Through Resolution 7.1, the 7th Session of the Meeting of the Parties (MOP7) to AEWA adopted, amongst other things, the format for national reports on the implementation of AEWA for the period 2018-2020 as presented in document AEWA/MOP 7.17.

Document AEWA/MOP 7.17 envisages a module on the status of native and non-native waterbird species, but it was agreed that this module will be developed by the Technical Committee and approved by the Standing Committee in early 2019. The format for reporting on Article 12 of the European Union's Birds Directive (EU BD) for the period 2013-2018 was agreed as the basis for this module, while focusing only on some fields of the EU reporting template, notably those in Annex B, chapters 1-5.

The alignment of the AEWA population status reporting module with the EU BD Article 12 template for 2013-2018 will, on the one hand, allow reporting of all necessary information by the AEWA Contracting Parties needed for the assessment of the status of AEWA populations, and, on the other hand, will require the EU members states that are Contracting Parties to AEWA to report only once their national data for the native species listed in Annex 2 of AEWA, providing that access to the EU BD Article 12 national reports will be granted to the UNEP/AEWA Secretariat. If any EU Member State with overseas territories within the AEWA area has not reported on the AEWA-listed species in those territories, data should be submitted through the AEWA reporting process.

Unlike the EU BD Article 12 template, the AEWA population status reporting module should request similar type of information for non-native waterbird species as for native species. The EU members states will therefore, like all other AEWA Contracting Parties, need to fill out the AEWA population status reporting module with respect to the status of the non-native waterbird species occurring in their territories, including overseas territories within the AEWA area.

In order to be able to use the national data reported by the AEWA Contracting Parties for the 8th edition of the AEWA Conservation Status Report, this reporting module has been set up separately in the CMS Family Online Reporting System and the deadline for submission of the national population status reports has been set by MOP7 at 30 June 2020.

# 1. GENERAL INFORMATION

## **Name of reporting Contracting Party**

>>> The Netherlands

## **Date of entry into force of AEWA in the Contracting Party**

>>> 01-11-1999

## 2. INSTITUTIONAL INFORMATION

Please indicate the Designated National Respondent (DNR) and the other contributors to the Report on the population size and trend of AEWA-listed (native) and non-native waterbird species in the Agreement area for the period 2013-2018.

Name and title of the DNR

>>> Ministry of Agriculture, Nature and Food Quality, Wilmar Remmelts

Affiliation (institution, department, organisation)

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Website

>>> Website of The Netherlands Ministry of Agriculture, Nature and Food Quality

You have attached the following Web links/URLs to this answer.

[Ministerie van Landbouw, Natuur en Voedselkwaliteit](#)

### Other contributors to this report

Please list the names and affiliations (institution, organisation) of the other contributors to this report

Please list the names and affiliations (institution, organisation) of the other contributors to this report

>>> René Henkens from Wageningen Environmental Research has completed the report.

André van Kleunen, Sovon Dutch Centre for Field Ornithology has provided the data on native and non-native species.

### 3. AEWA-LISTED (NATIVE) WATERBIRD SPECIES

Please report on each species in the drop-down menu. This list contains all AEWA waterbird species that occur in your country. Should you identify any omissions, please contact the UNEP/AEWA Secretariat.

#### Netherlands

#### Mute Swan / *Cygnus olor*

#### Population Size

#### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

#### Latest breeding numbers estimate

#### Year or period [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7000
Maximum	9000
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	6146
Maximum	8345
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM, Sovon en CBS, SOVON (2002)

**Changes in the breeding numbers estimates****Has there been a change between the previous and the latest breeding numbers estimate?** No**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Numbers not really changed; although the bandwidth of the population estimates differ they still over

**Passage and staging numbers****Does the species migrate through the country?** No**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	38000
Maximum	46000
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Previous non-breeding/wintering numbers estimate****Please indicate whether a previous estimate of the non-breeding/wintering numbers is available** No previous non-breeding/wintering numbers estimate is available**Population trend**

## Breeding numbers

### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

### Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-18
Maximum	-5
Best single value	-12

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	54
Maximum	147
Best single value	95

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1976-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	600

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 39100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	4.3

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	25.3

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Whooper Swan / Cygnus cygnus**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2
Maximum	2
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon NEM (Sovon, CBS and provinces) and Bird atlas (Sovon 2018)

**Previous breeding numbers estimate****Please indicate whether a previous estimate of the breeding numbers is available** No previous breeding numbers estimate is available**Passage and staging numbers****Does the species migrate through the country?** No**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2165
Maximum	4930
Best single value	3778

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate****Please indicate whether a previous estimate of the non-breeding/wintering numbers is available** Previous non-breeding/wintering numbers estimate is available**Year or period** [Year or period when numbers were previously determined]

&gt;&gt;&gt; 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1756
Maximum	2900
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	100
Best single value	100

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]  
>>> Sovon

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2017

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	100
Best single value	100

#### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Does the species occur in the country during the non-breeding/wintering season?

Yes

#### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-1
Maximum	121
Best single value	48

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	127
Maximum	423
Best single value	244

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 300

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	200

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2000

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	200

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Sovon (2018)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> note: newly arrived species as breeding bird. It was absent before 2005, first breeding case in 2005

### **Tundra Swan / *Cygnus columbianus***

#### **Population Size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

#### **Passage and staging numbers**

**Does the species migrate through the country?**

No

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	6865
Maximum	11289
Best single value	9113

#### **Type of estimate**

Multi-year mean

#### **Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper

confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	9628
Maximum	12948
Best single value	

### **Type of estimate**

Multi-year mean

### **Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### **Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species does not breed in the country

#### **Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

- Short-term trend
- Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
 >>> 2006-2017

#### Short-term trend direction

- Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-1
Maximum	121
Best single value	48

#### Method used for short-term non-breeding/wintering numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
 >>> 1981-2017

#### Long-term trend direction

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	127
Maximum	423
Best single value	244

#### Method used for long-term non-breeding/wintering numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

- No

### Brent Goose / Branta bernicla

#### Population Size

## Breeding numbers

### Please indicate whether estimate of the breeding numbers is available

The species does not breed in the country

## Passage and staging numbers

### Does the species migrate through the country?

Yes

### Please indicate whether estimate of passage numbers is available

Passage numbers estimate is available [Passage numbers are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

## Latest passage numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2013-2017

### Passage numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	83169
Maximum	117317
Best single value	96460

### Type of estimate

Multi-year mean (of aggregated totals of daily counts per season)

### Method used for passage numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous passage numbers estimate

### Please indicate whether a previous estimate of passage numbers is available

Previous passage numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Passage numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	78063
Maximum	114522
Best single value	

**Type of estimate** Multi-year mean (of aggregated totals of daily counts peer season)**Method used for passage numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Hornman et al 2012

**Please indicate whether estimate of staging numbers is available** No staging numbers estimate is available**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	57171
Maximum	68774
Best single value	61759

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate****Please indicate whether a previous estimate of the non-breeding/wintering numbers is available** Previous non-breeding/wintering numbers estimate is available**Year or period** [Year or period when numbers were previously determined]

&gt;&gt;&gt; 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	28413
Maximum	50321
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend****Breeding numbers**

**Please indicate whether:**

The species does not breed in the country

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-18
Maximum	26
Best single value	2

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	28
Maximum	93
Best single value	57

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20
Maximum	88
Best single value	50

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	95
Maximum	206
Best single value	144

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Barnacle Goose / Branta leucopsis**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the

data fields for minimum and maximum and indicate them as such.]

Minimum	16000
Maximum	22000
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2012

### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8900
Maximum	25500
Best single value	

### Type of estimate

95% confidence interval

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Schekkerman (2012)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to genuine change

#### Please indicate which reason for change is predominant

Due to genuine change

### Passage and staging numbers

## Does the species migrate through the country?

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	668899
Maximum	812520
Best single value	737980

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

## Previous non-breeding/wintering numbers estimate

### Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	386712
Maximum	549476
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

## Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	137
Maximum	208
Best single value	170

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1599900
Maximum	2199900
Best single value	

**Method used for long-term breeding numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon Bird atlas (2018)

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	72
Maximum	120
Best single value	94

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1186
Maximum	1541
Best single value	1353

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 25000

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	135.8

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	24900

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Sovon (2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> first breeding case in the Netherlands in 1984

### Greylag Goose / Anser anser

#### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

## Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	67000
Maximum	111000
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2012

### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	63900
Maximum	170000
Best single value	

### Type of estimate

95% confidence interval

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Schekkerman (2012)

## Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

**Please indicate which reason for change is predominant**

Due to improved knowledge/more accurate data

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	492651
Maximum	547022
Best single value	519038

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	344610
Maximum	493542

Best single value	
-------------------	--

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	148
Maximum	187
Best single value	167

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, CBS

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	253356
Maximum	284863
Best single value	268661

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	22
Maximum	79
Best single value	47

#### **Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2243
Maximum	3299
Best single value	2722

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

#### **Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 43100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	77.4

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	1439.3

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), Sovon (2018)

**Bean Goose / Anser fabalis**

**Population Size**

## Breeding numbers

### Please indicate whether estimate of the breeding numbers is available

The species does not breed in the country

## Passage and staging numbers

### Does the species migrate through the country?

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

### Year or period [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	205197
Maximum	261028
Best single value	227878

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous non-breeding/wintering numbers estimate

### Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

Previous non-breeding/wintering numbers estimate is available

### Year or period [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	155288
Maximum	254571
Best single value	

### Type of estimate

Multi-year mean

## **Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## **Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## **Population trend**

### **Breeding numbers**

**Please indicate whether:**

The species does not breed in the country

### **Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### **Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-29
Maximum	71
Best single value	10

#### **Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	69
Maximum	307
Best single value	162

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

No

#### **Pink-footed Goose / Anser brachyrhynchus**

##### **Population Size**

##### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

##### **Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Please indicate whether estimate of passage numbers is available**

No passage numbers estimate is available

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10901
Maximum	21964
Best single value	15103

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2006-2010

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	41534
Maximum	49475
Best single value	

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas]

where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	727
Maximum	5900
Best single value	2602

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4924
Maximum	12442
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Population trend

### Breeding numbers

**Please indicate whether:**

The species does not breed in the country

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-89
Maximum	-78
Best single value	-85

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-36
Maximum	34
Best single value	-8

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-87
Maximum	-52
Best single value	-75

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

#### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-77
Maximum	-17
Best single value	-56

#### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

No

### Greater White-fronted Goose / *Anser albifrons*

#### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

#### Passage and staging numbers

**Does the species migrate through the country?**

No

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	884597
Maximum	968493
Best single value	924077

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	740286
Maximum	882551
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

### Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species does not breed in the country

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-87
Maximum	-52
Best single value	-75

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-77
Maximum	-17
Best single value	-56

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Breeding range size and trend**

##### **Does the species occur in the country during the breeding season?**

No

#### **Long-tailed Duck / Clangula hyemalis**

##### **Population Size**

##### **Breeding numbers**

##### **Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

##### **Passage and staging numbers**

##### **Does the species migrate through the country?**

No

##### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

##### **Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

##### **Latest non-breeding/wintering numbers estimate**

##### **Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	150
Best single value	75

##### **Type of estimate**

Multi-year mean

##### **Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2004-2008

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	90
Maximum	90
Best single value	

### Type of estimate

Best estimate

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

### Population trend

### Breeding numbers

**Please indicate whether:**

The species does not breed in the country

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

- Short-term trend
- Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2004-2015

**Short-term trend direction**

- Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-6
Maximum	6
Best single value	0

**Method used for short-term non-breeding/wintering numbers trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1981-2017

**Long-term trend direction**

- Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-11
Maximum	-1
Best single value	-6

**Method used for long-term non-breeding/wintering numbers trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

- No

## Common Eider / *Somateria mollissima*

### Population Size

#### Breeding numbers

##### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

#### Latest breeding numbers estimate

##### Year or period [Year or period when numbers were last determined]

>>> 2013-2015

##### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5500
Maximum	6700
Best single value	

##### Type of estimate

Best estimate

##### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

##### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

##### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

##### Year or period

[Year or period when numbers were previously determined]

>>> 2009-2010

##### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4300
Maximum	5000
Best single value	

##### Type of estimate

Best estimate

##### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

## Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Passage and staging numbers

**Does the species migrate through the country?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	55546
Maximum	111805
Best single value	91557

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper

confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	58853
Maximum	83885
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

### Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

The nature of change is not known

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-54
Maximum	-8
Best single value	-35

#### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-20
Maximum	-18
Best single value	-19

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Does the species occur in the country during the non-breeding/wintering season?

Yes

### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-33
Maximum	13
Best single value	-13

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-48
Maximum	-7
Best single value	-31

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 3200

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	10.3

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	68.4

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Velvet Scoter / *Melanitta fusca*

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

#### Passage and staging numbers

**Does the species migrate through the country?**

Yes

**Please indicate whether estimate of passage numbers is available**

No passage numbers estimate is available

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

##### Year or period

[Year or period when numbers were last determined]

>>> 2013-2015

##### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	2000
Best single value	

##### Type of estimate

Multi-year mean (of seasonal maximum counts)

##### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

##### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### Previous staging numbers estimate

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

##### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

##### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	500
Maximum	2000
Best single value	

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	200
Maximum	800
Best single value	400

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
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Maximum	278
Best single value	

### Type of estimate

- Multi-year mean

### Method used for non-breeding/wintering numbers estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2013

### Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

- Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

- Due to genuine change

**Please indicate which reason for change is predominant**

- Due to genuine change

### Population trend

#### Breeding numbers

**Please indicate whether:**

- The species does not breed in the country

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

- Yes

**Is short-term or long-term trend estimate of passage numbers available?**

- No

**Is short-term or long-term trend estimate of staging numbers available?**

- Yes

**Staging numbers trend estimate is available for:**

- Short-term trend  
 Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

- Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10
Maximum	57
Best single value	32

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-92
Maximum	-90
Best single value	-91

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2004-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10
Maximum	57
Best single value	32

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-91
Maximum	-89
Best single value	-90

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

No

### Common Scoter / *Melanitta nigra*

#### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

#### Passage and staging numbers

## Does the species migrate through the country?

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2014-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	892
Maximum	40245
Best single value	24100

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

## Previous non-breeding/wintering numbers estimate

### Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5650
Maximum	35390
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

The nature of change is not known

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species does not breed in the country

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-96
Maximum	-57
Best single value	-87

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1987-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-99
Maximum	-80
Best single value	-95

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

No

### Common Goldeneye / *Bucephala clangula*

#### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate****Please indicate whether a previous estimate of the breeding numbers is available** Previous breeding numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2008-2011

**Population unit** Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Based mainly on expert opinion with very limited data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Changes in the breeding numbers estimates****Has there been a change between the previous and the latest breeding numbers estimate?** No**Passage and staging numbers****Does the species migrate through the country?** No**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum)

and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7431
Maximum	10416
Best single value	8514

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8301
Maximum	13395
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-68
Maximum	180
Best single value	0

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1982-2017

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-9
Maximum	375
Best single value	110

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca.**

## 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Does the species occur in the country during the non-breeding/wintering season?

Yes

### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-43
Maximum	-22
Best single value	-34

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available,

ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-37
Maximum	-14
Best single value	-27

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 1100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	-26.7
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**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1982-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	1000

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Sovon (2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> absent as a breeding bird in the Netherlands before 1982

**Smew / Mergellus albellus**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	1
Maximum	3
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers is available**

No previous breeding numbers estimate is available

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Annual breeding bird since 2010

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2476
Maximum	3776
Best single value	3237

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2639
Maximum	5649
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2010-2018

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> new breeding bird since 2010, breeding annually in very small but increasing numbers

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-34
Maximum	31
Best single value	-7

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-64
Maximum	0
Best single value	-40

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2010-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> new breeding bird since 2010, present breeding in one atlas square

### Goosander / *Mergus merganser*

#### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

#### Passage and staging numbers

**Does the species migrate through the country?**

No

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum)

and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4547
Maximum	8147
Best single value	6028

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5368
Maximum	23224
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not breed in the country

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-47
Maximum	52
Best single value	-10

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

## Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-86
Maximum	-49
Best single value	-73

## Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

## Breeding range size and trend

### Does the species occur in the country during the breeding season?

No

## Red-breasted Merganser / *Mergus serrator*

### Population Size

#### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	55
Maximum	80
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provincies) and Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	100
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	4984
Maximum	8888
Best single value	7085

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5235
Maximum	9787
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

No

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Numbers not really changed; although the bandwidth of the population estimates differ they still over

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or**

### long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

- Short-term trend
- Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

#### Short-term trend direction

- Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-38
Maximum	16
Best single value	-14

#### Method used for short-term breeding numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2017

#### Long-term trend direction

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2650
Maximum	5800
Best single value	

#### Method used for long-term breeding numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration

census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-38
Maximum	19
Best single value	-14

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

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Minimum	-26
Maximum	40
Best single value	2

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 1900

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> SOVON (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	72.7

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	850

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Common Shelduck / *Tadorna tadorna*

### Population Size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5700
Maximum	9400
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]  
>>> Sovon Bird atlas (Sovon 2018)

## Previous breeding numbers estimate

### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	3757
Maximum	8185
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

## Changes in the breeding numbers estimates

### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

### Please clarify the nature of change

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

### Please indicate which reason for change is predominant

Due to improved knowledge/more accurate data

## Passage and staging numbers

### Does the species migrate through the country?

Yes

### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

## Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

## Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	106685
Maximum	175162
Best single value	128298

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous staging numbers estimate

### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	75626
Maximum	135033
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	55369
Maximum	80257
Best single value	67234

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	36264
Maximum	50907
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

## Breeding numbers

### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

### Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	13
Maximum	30
Best single value	21

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	35
Maximum	84
Best single value	58

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	25
Maximum	84
Best single value	52

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	116
Maximum	229
Best single value	166

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4
Maximum	61
Best single value	30

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	15
Maximum	85
Best single value	46

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 34500

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
---------	--

Maximum	
Best single value	0.3

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	32.7

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Red-crested Pochard / *Netta rufina***

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2016

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	370
Maximum	520
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon NEM (Sovon, CBS and provincies) and Bird atlas (Sovon 2018)

**Previous breeding numbers estimate****Please indicate whether a previous estimate of the breeding numbers is available** Previous breeding numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2008-2011

**Population unit** Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	360
Maximum	480
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Changes in the breeding numbers estimates****Has there been a change between the previous and the latest breeding numbers estimate?** No**Passage and staging numbers****Does the species migrate through the country?** Yes**Please indicate whether estimate of passage numbers is available** No passage numbers estimate is available**Please indicate whether estimate of staging numbers is available** Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]**Latest staging numbers estimate****Year or period**

[Year or period when numbers were last determined]

&gt;&gt;&gt; 2012-2016

## Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	532
Maximum	1157
Best single value	727

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

No previous staging numbers estimate is available

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

#### Year or period [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	198
Maximum	262
Best single value	229

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

#### Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	152
Maximum	451
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	22
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Maximum	60
Best single value	40

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	3685
Maximum	5015
Best single value	4302

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of passage numbers available?

No

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	31
Maximum	691
Best single value	223

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	661
Maximum	4811
Best single value	1834

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

- Short-term trend
- Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
 >>> 2006-2017

#### Short-term trend direction

- Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-62
Maximum	103
Best single value	-12

#### Method used for short-term non-breeding/wintering numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

#### Long-term trend direction

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	131
Maximum	1085
Best single value	423

#### Method used for long-term non-breeding/wintering numbers trend estimate

- Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

- Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

- Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 4400

**Method used for range size estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

- Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	131.6

**Method used for short-term range trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	238.5

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

### Common Pochard / *Aythya ferina*

#### Population Size

#### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1800
Maximum	2200
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1307
Maximum	2621
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]  
 >>> NEM, Sovon en CBS, SOVON (2002)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Please indicate whether estimate of passage numbers is available**

No passage numbers estimate is available

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	37374
Maximum	79126
Best single value	64079

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]  
>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

**Please indicate whether a previous estimate of staging numbers is available**

No previous staging numbers estimate is available

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	28522
Maximum	42616
Best single value	34457

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	26521
Maximum	49662
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

## Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	9
Maximum	58
Best single value	32

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-34
Maximum	14
Best single value	-13

#### **Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### **Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### **Does the species migrate through the country?**

Yes

#### **Is short-term or long-term trend estimate of passage numbers available?**

No

#### **Is short-term or long-term trend estimate of staging numbers available?**

Yes

#### **Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

#### **Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

#### **Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-46
Maximum	-6
Best single value	-29

#### **Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

#### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-54
Maximum	-21
Best single value	-39

#### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Does the species occur in the country during the non-breeding/wintering season?

Yes

#### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

#### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-36
Maximum	-23

Best single value	-30
-------------------	-----

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-76
Maximum	-58
Best single value	-68

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 22200

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2000-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	10.4

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	12.7

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Tufted Duck / *Aythya fuligula*

### Population Size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20000
Maximum	24000
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	13846
Maximum	23588
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	188333
Maximum	220983
Best single value	204888

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	149485
Maximum	252739
Best single value	

**Type of estimate**

Multi-year mean

## Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-4
Maximum	13
Best single value	4

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	39
Maximum	89

Best single value	62
-------------------	----

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-20
Maximum	9
Best single value	-6

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-21
Maximum	13
Best single value	-6

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 42500

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	4.2

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	32.8

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), Sovon (2018)

**Greater Scaup / Aythya marila**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	32417
Maximum	113233
Best single value	75950

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	43327
Maximum	99296
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not breed in the country

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	175
Best single value	67

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-32
Maximum	79
Best single value	10

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Breeding range size and trend

**Does the species occur in the country during the breeding season?**

No

## Garganey / *Spatula querquedula*

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1000
Maximum	1400
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	577
Maximum	1436
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

#### Please indicate which reason for change is predominant

Due to improved knowledge/more accurate data

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2013-2015

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	400
Maximum	1600
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	1500
Best single value	

### Type of estimate

Best estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species does not occur in the country during the non-breeding/winter season

### Population trend

### Breeding numbers

#### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

- Short-term trend  
 Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

**Short-term trend direction**

- Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-49
Maximum	-31
Best single value	-41

**Method used for short-term breeding numbers trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1984-2017

**Long-term trend direction**

- Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-76
Maximum	-59
Best single value	-69

**Method used for long-term breeding numbers trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2004-2015

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-68
Maximum	-4
Best single value	-45

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2015

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-31
Maximum	69

Best single value	8
-------------------	---

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

No

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 26900

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-2.9

**Method used for short-term range trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate****Trend period** [since ca. 1980 or a period as close as possible to that]

&gt;&gt;&gt; 1977-2015

**Long-term trend direction** Decreasing**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-19.5

**Method used for long-term range trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Teixeira 1979), Sovon (2018)

**Northern Shoveler / *Spatula clypeata*****Population Size****Breeding numbers****Please indicate whether estimate of the breeding numbers is available** Breeding numbers estimate is available**Latest breeding numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Population unit** Pairs**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	6200
Maximum	7500
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5091
Maximum	6136
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

#### Please indicate which reason for change is predominant

Due to improved knowledge/more accurate data

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	29154
Maximum	47392
Best single value	37346

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	24513
Maximum	34478
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

### Changes in the staging numbers estimates

#### Has there been a change between the previous and the latest staging numbers estimate?

Yes

### Please clarify the nature of change

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	11771
Maximum	20062
Best single value	16165

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	6063
Maximum	14940
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-13
Maximum	5
Best single value	-5

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-65
Maximum	-54
Best single value	-60

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10
Maximum	104
Best single value	49

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	40
Maximum	153
Best single value	89

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	0
Maximum	132
Best single value	52

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	155
Maximum	490
Best single value	288

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### **Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 34100

#### **Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### **Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	1.2

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-4.5

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Gadwall / Mareca strepera

### Population Size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	21000
Maximum	26000
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	12069
Maximum	20409
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

**Please indicate which reason for change is predominant**

Due to improved knowledge/more accurate data

## Passage and staging numbers

### Does the species migrate through the country?

Yes

### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

## Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	91988
Maximum	118907
Best single value	106270

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous staging numbers estimate

### Please indicate whether a previous estimate of staging numbers is available

No previous staging numbers estimate is available

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

### Year or period [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	60048
Maximum	88634

Best single value	72471
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**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 1006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	44862
Maximum	51843
Best single value	

**Type of estimate**

Best estimate

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

#### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	66
Maximum	83
Best single value	74

#### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	905
Maximum	1375
Best single value	1118

#### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	73
Maximum	179
Best single value	120

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1923
Maximum	3221
Best single value	2492

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	62
Maximum	173
Best single value	111

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2339
Maximum	3937

Best single value	3037
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**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 40400

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	41.8

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	180.6

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), Sovon (2018)

## Eurasian Wigeon / *Mareca penelope*

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20
Maximum	40
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	12
Maximum	18
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

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Minimum	846746
Maximum	939943
Best single value	887635

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	884363
Maximum	1086651
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or**

### long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

- Short-term trend
- Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

#### Short-term trend direction

- Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-32
Maximum	102
Best single value	19

#### Method used for short-term breeding numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2017

#### Long-term trend direction

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	232
Maximum	776
Best single value	441

#### Method used for long-term breeding numbers trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration

census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-38
Maximum	14
Best single value	-16

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

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Minimum	15
Maximum	108
Best single value	54

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 6100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	32.6

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	177.3

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

### Mallard / *Anas platyrhynchos*

#### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	200000
Maximum	300000
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]  
>>> Sovon Bird atlas (Sovon 2018)

## Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	302040
Maximum	431485
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

## Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

### Please clarify the nature of change

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

### Please indicate which reason for change is predominant

Due to improved knowledge/more accurate data

## Passage and staging numbers

**Does the species migrate through the country?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum)

and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	513012
Maximum	592795
Best single value	541693

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	566175
Maximum	646872
Best single value	

**Type of estimate**

Best estimate

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to the use of different method

**Please indicate which reason for change is predominant**

Due to the use of different method

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-33
Maximum	-26
Best single value	-30

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-30
Maximum	-15
Best single value	-23

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca.**

## 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Does the species occur in the country during the non-breeding/wintering season?

Yes

### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-34
Maximum	-6
Best single value	-21

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available,

ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-49
Maximum	-27
Best single value	-39

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 45600

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	-1.1
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**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-1.1

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Northern Pintail / *Anas acuta***

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	15
Best single value	

**Type of estimate**

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8
Maximum	12
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

No

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	23412
Maximum	35961
Best single value	29752

#### **Type of estimate**

Multi-year mean (of seasonal maximum counts)

#### **Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

#### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Previous staging numbers estimate**

#### **Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

#### **Year or period**

[Year or period when numbers were previously determined]

>>> 2006-2010

#### **Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	16830
Maximum	25687
Best single value	

#### **Type of estimate**

Multi-year mean (of seasonal maximum counts)

#### **Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

#### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### **Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum)

and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20231
Maximum	38221
Best single value	30395

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	12582
Maximum	25654
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-81
Maximum	-25
Best single value	-62

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-94
Maximum	-89
Best single value	-92

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca.**

## 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of passage numbers available?

No

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	14
Maximum	100
Best single value	51

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	14

Maximum	100
Best single value	51

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-15
Maximum	90
Best single value	27

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	-5
Maximum	113
Best single value	43

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

#### Does the species occur in the country during the breeding season?

Yes

#### Is range size and/or short-term and/or long-term range trend estimate available?

Yes

#### Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 2800

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-6.7

**Method used for short-term range trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate****Trend period** [since ca. 1980 or a period as close as possible to that]

&gt;&gt;&gt; 1977-2015

**Long-term trend direction** Decreasing**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-56.3

**Method used for long-term range trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Teixeira 1979), Sovon (2018)

**Common Teal / Anas crecca****Population Size****Breeding numbers****Please indicate whether estimate of the breeding numbers is available** Breeding numbers estimate is available**Latest breeding numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Population unit** Pairs**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1600
Maximum	1900
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	850
Maximum	2861
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

No

#### Additional information (optional)

#### Please provide any additional or complementary information to the data provided above in this section, if available

>>> Numbers not really changed; although de bandwidth of the population estimates differ they still over

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	99190
Maximum	116087
Best single value	107277

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	88244
Maximum	106941
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	60088
Maximum	103226
Best single value	74786

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	23419
Maximum	61969
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Population trend

### Breeding numbers

#### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

#### Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-30
Maximum	-7
Best single value	-19

#### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

#### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-69
Maximum	-56
Best single value	-63

#### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	100
Best single value	45

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-20
Maximum	52
Best single value	11

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	0
Maximum	115
Best single value	47

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-1
Maximum	133
Best single value	52

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 29000

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
---------	--

Maximum	
Best single value	13.7

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-17.6

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Little Grebe / Tachybaptus ruficollis**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2100
Maximum	2900
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate****Please indicate whether a previous estimate of the breeding numbers is available** Previous breeding numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2008-2011

**Population unit** Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1985
Maximum	2757
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM, Sovon en CBS, SOVON (2002)

**Changes in the breeding numbers estimates****Has there been a change between the previous and the latest breeding numbers estimate?** No**Passage and staging numbers****Does the species migrate through the country?** Yes**Please indicate whether estimate of passage numbers is available** No passage numbers estimate is available**Please indicate whether estimate of staging numbers is available** Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]**Latest staging numbers estimate****Year or period**

[Year or period when numbers were last determined]

&gt;&gt;&gt; 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4987
Maximum	7086
Best single value	6203

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

No previous staging numbers estimate is available

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

#### Year or period [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4624
Maximum	6170
Best single value	5632

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

#### Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

&gt;&gt;&gt; 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5912
Maximum	7932
Best single value	

**Type of estimate** Best estimate**Method used for non-breeding/wintering numbers estimate** Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Hornman et al. 2012

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Numbers not really changed; although the bandwidth of the population estimates differ they still over

**Population trend****Breeding numbers****Please indicate whether:** Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

 Short-term trend Long-term trend**Short-term breeding numbers trend estimate****Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

&gt;&gt;&gt; 2006-2017

**Short-term trend direction** Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-13
Maximum	8
Best single value	-3

**Method used for short-term breeding numbers trend estimate** Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	58
Maximum	153
Best single value	100

#### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of passage numbers available?

No

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

#### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available,

ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-34
Maximum	59
Best single value	3

#### **Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### **Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

#### **Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-9
Maximum	110
Best single value	38

#### **Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

#### **Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-30
Maximum	69
Best single value	9

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-11
Maximum	107
Best single value	36

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 34100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	17.6

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	12.5

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Red-necked Grebe / Podiceps grisegena

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	9
Maximum	16
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provinces) and Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8
Maximum	13
Best single value	

#### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

No

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2013-2015

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	50
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	100
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	100
Best single value	

#### Type of estimate

Multi-year mean

#### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2004-2008

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	100
Best single value	

#### Type of estimate

Best estimate

#### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> waarneming.nl

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-33
Maximum	118
Best single value	23

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1983-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	507
Maximum	2450
Best single value	1153

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-68
Maximum	-37
Best single value	-56

**Method used for short-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-85
Maximum	-70
Best single value	-78

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term non-breeding/wintering numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 1100

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	
Maximum	
Best single value	10

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1983-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	1000

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Sovon (2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> first breeding case in the Netherlands in 1983

**Great Crested Grebe / Podiceps cristatus**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	11000
Maximum	15000
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	11363
Maximum	13986
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

No

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Please indicate whether estimate of passage numbers is available**

No passage numbers estimate is available

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	26168
Maximum	33024
Best single value	30485

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

No previous staging numbers estimate is available

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	16200
Maximum	20152
Best single value	18721

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	43000
Maximum	52000
Best single value	

### Type of estimate

Best estimate

### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012, Bemmelen & Geelhoed 2012

### Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-22
Maximum	-6
Best single value	-14

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-42
Maximum	-16
Best single value	-30

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of passage numbers available?

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-7
Maximum	38
Best single value	13

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	22
Maximum	82
Best single value	49

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas]

where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-18
Maximum	17
Best single value	-1

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	50
Best single value	28

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 39500

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-0.3

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	38.6

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Horned Grebe / Podiceps auritus**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed in the country

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	94
Maximum	200
Best single value	137

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	66
Maximum	247
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Changes in the non-breeding/wintering numbers estimates

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Population trend

### Breeding numbers

**Please indicate whether:**

The species does not breed in the country

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Does the species occur in the country during the non-breeding/wintering season?

Yes

### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-72
Maximum	-26
Best single value	-49

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	108
Maximum	460
Best single value	284

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Breeding range size and trend

**Does the species occur in the country during the breeding season?**

No

## Black-necked Grebe / *Podiceps nigricollis*

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	410
Maximum	540
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provinces) and Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	330

Maximum	540
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

No

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2201
Maximum	4536
Best single value	3122

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	3473
Maximum	8286
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	545
Maximum	1203
Best single value	767

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous non-breeding/wintering numbers estimate

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	663
Maximum	1671
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

**Changes in the non-breeding/wintering numbers estimates**

**Has there been a change between the previous and the latest non-breeding/wintering numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-23
Maximum	32

Best single value	1
-------------------	---

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	460
Maximum	561
Best single value	508

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-72
Maximum	-38
Best single value	-58

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	507
Maximum	1209
Best single value	793

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-32
Maximum	75
Best single value	9

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	358
Maximum	1035
Best single value	621

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 11200

### Method used for range size estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

- Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	4.7

### Method used for short-term range trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	314.8

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Western Water Rail / Rallus aquaticus****Population Size****Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2800
Maximum	4700
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1937
Maximum	2480

Best single value	
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**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Please indicate whether estimate of passage numbers is available**

No passage numbers estimate is available

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2008-2012

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2000
Maximum	10000
Best single value	

**Type of estimate**

95% confidence interval

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	3000
Maximum	6000
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2001
Maximum	10000
Best single value	

**Type of estimate**

Best estimate

**Method used for non-breeding/wintering numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> expert judgement

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

- Short-term trend
- Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

**Short-term trend direction**

- Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	31
Maximum	58
Best single value	44

**Method used for short-term breeding numbers trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1984-2017

**Long-term trend direction**

- Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-1
Maximum	59
Best single value	25

**Method used for long-term breeding numbers trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to

determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-41
Maximum	84
Best single value	4

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1987-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	118
Maximum	539
Best single value	273

**Method used for long-term trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?** Yes**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?** No**Breeding range size and trend****Does the species occur in the country during the breeding season?** Yes**Is range size and/or short-term and/or long-term range trend estimate available?** Yes**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

 Range size Short-term trend of the range Long-term trend of the range**Breeding range size****Year or period** [Year or period when breeding range size was last determined]

&gt;&gt;&gt; 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

&gt;&gt;&gt; 31100

**Method used for range size estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon (2018)

**Short-term breeding range trend estimate****Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

&gt;&gt;&gt; 2000-2015

**Short-term trend direction** Stable**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	9.5
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**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	6.5

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (979), Sovon (2018)

**Corncrake / Crex crex**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Population unit**

Calling males

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	45
Maximum	155
Best single value	

**Type of estimate**

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provincies) and Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

### Population unit

Calling males

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	65
Maximum	240
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to genuine change

#### Please indicate which reason for change is predominant

Due to genuine change

### Passage and staging numbers

#### Does the species migrate through the country?

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species does not occur in the country during the non-breeding/winter season

## Population trend

### Breeding numbers

#### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

#### Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-73
Maximum	-40
Best single value	-60

#### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	34
Maximum	66
Best single value	49

#### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### **Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

No

### **Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### **Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 8100

### **Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### **Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### **Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-42.6

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	8

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Spotted Crane / Porzana porzana**

**Population Size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Population unit**

Calling males

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	110
---------	-----

Maximum	400
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provinces) and Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2011-2011

### Population unit

Calling males

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	140
Maximum	180
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to genuine change

#### Please indicate which reason for change is predominant

Due to genuine change

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Please indicate whether estimate of passage numbers is available

No passage numbers estimate is available

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2008-2012

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	2000
Best single value	

**Type of estimate**

95% confidence interval

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

No previous staging numbers estimate is available

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species does not occur in the country during the non-breeding/winter season

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-28
Maximum	22
Best single value	-6

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-47
Maximum	-39
Best single value	-43

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

No

**Is short-term or long-term trend estimate of staging numbers available?**

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

No

### Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 9600

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-27.8

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	23.1

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Little Crake / Zapornia parva

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Calling males

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	12
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

No previous breeding numbers estimate is available

**Passage and staging numbers**

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species does not occur in the country during the non-breeding/winter season

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Neither short-term nor long-term breeding numbers trend estimate is available

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

No

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 700

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	0

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-65

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

## Baillon's Crake / *Zapornia pusilla*

### Population Size

## Breeding numbers

### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Calling males

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10
Maximum	30
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Previous breeding numbers estimate

### Please indicate whether a previous estimate of the breeding numbers is available

Previous breeding numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

### Population unit

Calling males

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	20
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on expert opinion with very limited data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

## Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change**

[More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

## Passage and staging numbers

**Does the species migrate through the country?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species does not occur in the country during the non-breeding/winter season

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	1846
Best single value	399

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	460
Maximum	3653
Best single value	1368

### Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

No

## Breeding range size and trend

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 2200

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	120

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-10

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), Sovon (2018)

## Common Moorhen / *Gallinula chloropus*

### Population Size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	25000
Maximum	35000
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers is available**

Previous breeding numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2011

#### Population unit

Pairs

**Numbers** [(Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	31815
Maximum	43745
Best single value	

#### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS, SOVON (2002)

### Changes in the breeding numbers estimates

#### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

#### Please clarify the nature of change

[More than one option from the list below is possible]

Due to improved knowledge/more accurate data

#### Please indicate which reason for change is predominant

Due to improved knowledge/more accurate data

### Passage and staging numbers

#### Does the species migrate through the country?

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

#### Year or period [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50000
Maximum	90000
Best single value	70000

#### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous non-breeding/wintering numbers estimate

#### Please indicate whether a previous estimate of the non-breeding/wintering numbers is available

Previous non-breeding/wintering numbers estimate is available

#### Year or period [Year or period when numbers were previously determined]

>>> 2008-2012

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100000
Maximum	200000
Best single value	

**Type of estimate**

Best estimate

**Method used for non-breeding/wintering numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> expert judgement

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-28
Maximum	-15
Best single value	-21

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

## Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-17
Maximum	18
Best single value	-1

## Method used for long-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

## Does the species migrate through the country?

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

## Does the species occur in the country during the non-breeding/wintering season?

Yes

## Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

## Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

## Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-54
Maximum	9
Best single value	-29

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-71
Maximum	-31
Best single value	-55

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Breeding range size and trend**

**Does the species occur in the country during the breeding season?**

Yes

**Is range size and/or short-term and/or long-term range trend estimate available?**

Yes

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 43300

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

#### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-2.5

#### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

#### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-3.8

#### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

### Common Crane / Grus grus

#### Population Size

#### Passage and staging numbers

#### Does the species migrate through the country?

Yes

**Please indicate whether estimate of passage numbers is available**

Passage numbers estimate is available [Passage numbers are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

**Latest passage numbers estimate****Year or period**

[Year or period when numbers were last determined]

>>> 2013-2018

**Passage numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	25000
Maximum	50000
Best single value	

**Type of estimate**

Best estimate

**Method used for passage numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provinces), trektellen.nl, Sovon

**Previous passage numbers estimate****Please indicate whether a previous estimate of passage numbers is available**

No previous passage numbers estimate is available

**Latest staging numbers estimate****Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	100
Best single value	

**Type of estimate**

Multi-year mean

## Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

Yes

**Passage numbers trend estimate is available for:**

Short-term trend

Long-term trend

### Short-term passage numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), trektellen.nl, expert-judgement Sovon

### Long-term passage numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1989-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces), trektellen.nl, expert-judgement Sovon

**Arctic Loon / Gavia arctica**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2017

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	500
Best single value	

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

## Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	500
Best single value	

## Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

## Does the species migrate through the country?

Yes

## Is short-term or long-term trend estimate of staging numbers available?

Yes

## Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

## Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-26
Maximum	10

Best single value	-10
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**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	119
Maximum	197
Best single value	155

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Black Stork / Ciconia nigra**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Please indicate whether estimate of passage numbers is available**

Passage numbers estimate is available [Passage numbers are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

**Latest passage numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2018

**Passage numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	250
---------	-----

Maximum	500
Best single value	

### Type of estimate

Best estimate

### Method used for passage numbers estimate

Based mainly on expert opinion with very limited data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provinces), trektellen.nl, Sovon

### Previous passage numbers estimate

#### Please indicate whether a previous estimate of passage numbers is available

No previous passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2013-2018

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	150
Best single value	

### Type of estimate

95% confidence interval

### Method used for staging numbers estimate

Based mainly on expert opinion with very limited data

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2004-2008

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	60
Maximum	60

Best single value	
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**Type of estimate**

Best estimate

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> estimate based on casual observations (waarneming.nl and expert judgement)

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

Yes

**Passage numbers trend estimate is available for:**

- Short-term trend
- Long-term trend

**Short-term passage numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2009-2012

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> trektellen.nl, Sovon

### Long-term passage numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2018

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> trektellen.nl, Sovon

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2009-2012

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### Method used for short-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> trektellen.nl, Bijlsma (2014)Sovon

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2018

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> trektellen.nl, Bijlsma (2014) Sovon

## White Stork / *Ciconia ciconia*

### Population Size

### Passage and staging numbers

**Does the species migrate through the country?**

Yes

### Please indicate whether estimate of passage numbers is available

Passage numbers estimate is available [Passage numbers are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

### Latest passage numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2013-2018

### Passage numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2500
Maximum	5000
Best single value	

### Type of estimate

Best estimate

### Method used for passage numbers estimate

Based mainly on expert opinion with very limited data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provincies), trektellen.nl, Sovon

### Previous passage numbers estimate

#### Please indicate whether a previous estimate of passage numbers is available

No previous passage numbers estimate is available

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2013-2015

#### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	600
Maximum	1200
Best single value	

#### Type of estimate

95% confidence interval

#### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

#### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	1000
Best single value	

#### Type of estimate

95% confidence interval

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-3
Maximum	94
Best single value	37

#### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5481
Maximum	9632
Best single value	7277

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Eurasian Spoonbill / Platalea leucorodia**

**Population Size**

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	80
Maximum	180
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Eurasian Bittern / Botaurus stellaris**

**Population Size**

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	1000
Best single value	750

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Population trend

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Does the species occur in the country during the non-breeding/wintering season?

Yes

### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

Yes

### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2004-2015

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-67
Maximum	5
Best single value	-42

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1992-2015

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-33
Maximum	109
Best single value	19

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Grey Heron / *Ardea cinerea*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	15555
Maximum	25706
Best single value	19374

**Type of estimate** Multi-year mean (of seasonal maximum counts)**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate****Please indicate whether a previous estimate of staging numbers is available** Previous staging numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2006-2010

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	19884
Maximum	25059
Best single value	

**Type of estimate** Best estimate**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Hornman et al. 2012

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

[Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10000
Maximum	16000
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-26
Maximum	9
Best single value	-10

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	27
Maximum	88
Best single value	54

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	100

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1976-2016

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Great White Egret / *Ardea alba*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5850
Maximum	12254
Best single value	8938

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	275
Maximum	659
Best single value	434

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	151981
Maximum	308614
Best single value	216579

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Little Egret / Egretta garzetta

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	327
Maximum	784
Best single value	592

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	441
Maximum	780
Best single value	

## Type of estimate

Multi-year mean (of seasonal maximum counts)

## Method used for staging numbers estimate

Complete survey or a statistically robust estimate

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

## Does the species migrate through the country?

Yes

## Is short-term or long-term trend estimate of staging numbers available?

Yes

## Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

## Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-66
Maximum	102
Best single value	-17

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20257
Maximum	131717
Best single value	51753

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Northern Gannet / Morus bassanus****Population Size****Passage and staging numbers****Does the species migrate through the country?**

Yes

**Latest passage numbers estimate****Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate****Year or period**

[Year or period when numbers were last determined]

>>> 2014-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	13704
Maximum	33221
Best single value	21308

**Type of estimate** 95% confidence interval**Method used for staging numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Rijkswaterstaat (MWTL), Fijn et al. (2015-2017)

**Previous staging numbers estimate****Please indicate whether a previous estimate of staging numbers is available** Previous staging numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2011

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	23970
Maximum	30456
Best single value	

**Type of estimate** Best estimate**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Poot et al. 2013

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2015-2019

[Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5000
Maximum	20000
Best single value	

**Type of estimate**

Multi-year mean

### **Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Fijn et al. (2015-2019)

### **Population trend**

#### **Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

### **Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	121
Maximum	248
Best single value	178

**Method used for short-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL)

### **Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1991-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	47
Maximum	113
Best single value	77

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Fijn et al. (2015-2019)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1991-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term non-breeding/wintering numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Fijn et al. (2015-2019)

**Great Cormorant / Phalacrocorax carbo**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	46058
Maximum	72242
Best single value	56620

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous staging numbers estimate

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

## Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	48810
Maximum	62372
Best single value	

## Type of estimate

Multi-year mean (of seasonal maximum counts)

## Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al. 2012

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

## Does the species migrate through the country?

Yes

## Is short-term or long-term trend estimate of staging numbers available?

Yes

## Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

## Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-20
Maximum	21
Best single value	-2

#### **Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### **Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	184
Maximum	324
Best single value	247

#### **Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Eurasian Oystercatcher / *Haematopus ostralegus***

#### **Population Size**

#### **Passage and staging numbers**

#### **Does the species migrate through the country?**

Yes

#### **Latest passage numbers estimate**

#### **Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### **Latest staging numbers estimate**

#### **Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

## Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	177826
Maximum	201127
Best single value	188739

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous staging numbers estimate

### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	200009
Maximum	247956
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-30
Maximum	-16
Best single value	-23

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-56
Maximum	-48
Best single value	-53

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Pied Avocet / *Recurvirostra avosetta*

### Population Size

#### Passage and staging numbers

##### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

##### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

##### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

##### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	12224
Maximum	22781
Best single value	17439

##### Type of estimate

Multi-year mean (of seasonal maximum counts)

##### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

##### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### Previous staging numbers estimate

##### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

##### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

##### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	18435
Maximum	26679
Best single value	

##### Type of estimate

Multi-year mean (of seasonal maximum counts)

## Method used for staging numbers estimate

Complete survey or a statistically robust estimate

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-37
Maximum	8
Best single value	-17

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-30
Maximum	18
Best single value	-9

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Eurasian Golden Plover / *Pluvialis apricaria***

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	209639
Maximum	314986
Best single value	265666

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2004-2008

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	220000
Maximum	290000
Best single value	

**Type of estimate** Best estimate**Method used for staging numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Kleefstra et al prep

**Population trend****Passage and staging numbers****Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?** Yes**Is short-term or long-term trend estimate of staging numbers available?** Yes**Staging numbers trend estimate is available for:** Short-term trend Long-term trend**Short-term staging numbers trend estimate****Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

&gt;&gt;&gt; 2005-2016

**Short-term trend direction** Decreasing**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-30
---------	-----

Maximum	-1
Best single value	-17

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1996-2016

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-4
Maximum	0
Best single value	-2

### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Eurasian Dotterel / *Eudromias morinellus*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2008-2012

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	1
Maximum	100
Best single value	

**Type of estimate**

95% confidence interval

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2004-2008

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	80
Maximum	80
Best single value	

**Type of estimate**

Best estimate

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

No

## Northern Lapwing / *Vanellus vanellus*

### Population Size

#### Passage and staging numbers

##### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

##### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

##### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

##### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	526660
Maximum	1001706
Best single value	749637

##### Type of estimate

Multi-year mean (of seasonal maximum counts)

##### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

##### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### Previous staging numbers estimate

##### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

##### Year or period

[Year or period when numbers were previously determined]

>>> 2004-2008

##### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	550000
Maximum	710000
Best single value	

##### Type of estimate

Best estimate

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Kleefstra et al prep

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

#### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-27
Maximum	-4
Best single value	-16

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1994-2016

#### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-47
Maximum	-7
Best single value	-30

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Whimbrel / Numenius phaeopus**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2017

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1079
Maximum	5753
Best single value	3457

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2004-2007

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7600
Maximum	8700
Best single value	

**Type of estimate** Best estimate**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Versluys et al 2009

**Population trend****Passage and staging numbers****Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?** Yes**Is short-term or long-term trend estimate of passage numbers available?** Yes**Is short-term or long-term trend estimate of staging numbers available?** Yes**Staging numbers trend estimate is available for:** Short-term trend Long-term trend**Short-term staging numbers trend estimate****Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

&gt;&gt;&gt; 2006-2017

**Short-term trend direction** Uncertain**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-11
Maximum	125
Best single value	42

#### Method used for short-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	90
Maximum	410
Best single value	211

#### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Eurasian Curlew / *Numenius arquata*

#### Population Size

#### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

#### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	158535
Maximum	208019
Best single value	187848

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	181433
Maximum	224272
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### Population trend

### Passage and staging numbers

#### Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

**Staging numbers trend estimate is available for:**

- Short-term trend
- Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2005-2016

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-9
Maximum	17
Best single value	3

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	35
Maximum	75
Best single value	54

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Bar-tailed Godwit / Limosa lapponica**

**Population Size**

**Passage and staging numbers**

## Does the species migrate through the country?

Yes

## Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

## Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2013-2017

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	112402
Maximum	200405
Best single value	153367

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous staging numbers estimate

### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	159527
Maximum	214120
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Limosa lapponica taymyrensis

### **Population trend**

#### **Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

### **Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7
Maximum	19
Best single value	13

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### **Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	24
Maximum	79
Best single value	49

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> *Limosa lapponica taymyrensis*

**Black-tailed Godwit / *Limosa limosa***

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2017

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	23885
Maximum	43731
Best single value	34314

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-60
Maximum	-19
Best single value	-43

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	-49
Maximum	0
Best single value	-29

#### **Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Ruddy Turnstone / *Arenaria interpres***

#### **Population Size**

#### **Passage and staging numbers**

#### **Does the species migrate through the country?**

Yes

#### **Latest passage numbers estimate**

#### **Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### **Latest staging numbers estimate**

#### **Year or period**

[Year or period when numbers were last determined]

>>> 2013-2017

#### **Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2794
Maximum	6319
Best single value	3763

#### **Type of estimate**

Multi-year mean (of seasonal maximum counts)

#### **Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

#### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> *Arenaria interpres interpres* (wint. Afr.)

#### **Population trend**

## Passage and staging numbers

Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-28
Maximum	40
Best single value	1

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-54

Maximum	-8
Best single value	-35

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Temminck's Stint / Calidris temminckii**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2015

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	300
Best single value	

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2004-2008

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best

single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	500
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2004-2015

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-91
Maximum	40
Best single value	-64

#### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1992-2015

### Long-term trend direction

Uncertain

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-17
Maximum	1013
Best single value	204

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Sanderling / *Calidris alba*

#### Population Size

#### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2013-2017

#### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	21647
Maximum	44003
Best single value	32873

#### Type of estimate

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate****Please indicate whether a previous estimate of staging numbers is available** Previous staging numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2006-2010

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	17748
Maximum	21751
Best single value	

**Type of estimate** Multi-year mean (of seasonal maximum counts)**Method used for staging numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Hornman et al 2012

**Population trend****Passage and staging numbers****Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?** Yes**Is short-term or long-term trend estimate of staging numbers available?** Yes**Staging numbers trend estimate is available for:** Short-term trend Long-term trend**Short-term staging numbers trend estimate****Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

&gt;&gt;&gt; 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	49
Maximum	169
Best single value	100

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	259
Maximum	541
Best single value	380

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Dunlin / *Calidris alpina*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

**Year or period**

[Year or period when numbers were last determined]

&gt;&gt;&gt; 2012-2016

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	371006
Maximum	556469
Best single value	480540

**Type of estimate** Multi-year mean (of seasonal maximum counts)**Method used for staging numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Previous staging numbers estimate****Please indicate whether a previous estimate of staging numbers is available** Previous staging numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2006-2010

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	340782
Maximum	443210
Best single value	

**Type of estimate** Multi-year mean (of seasonal maximum counts)**Method used for staging numbers estimate** Complete survey or a statistically robust estimate**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Hornman et al 2012

**Changes in the staging numbers estimates****Has there been a change between the previous and the latest staging numbers estimate?** Yes**Please clarify the nature of change**

[More than one option from the list below is possible]

 Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Calidris alpina alpina/arctica/schinzii

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8
Maximum	46
Best single value	25

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	43
Maximum	92
Best single value	66

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Little Stint / Calidris minuta**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2015

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	350
Best single value	

**Type of estimate**

Multi-year mean (of seasonal maximum counts)

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2012

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	500
Best single value	

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 20013-2014

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-85
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Maximum	-21
Best single value	-66

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1987-2014

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-70
Maximum	48
Best single value	-34

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Eurasian Woodcock / *Scolopax rusticola*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2008-2012

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	2000
Maximum	10000
Best single value	

**Type of estimate**

95% confidence interval

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2000
Maximum	10000
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2008-2012

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2000
---------	------

Maximum	10000
Best single value	

### Type of estimate

Best estimate

### Method used for non-breeding/wintering numbers estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Expert judgement Sovon

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-25
Maximum	146
Best single value	36

#### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1991-2014

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	89
Maximum	577
Best single value	258

### Method used for long-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2007-2018

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term non-breeding/wintering numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> PTT (NEM Sovon)

### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2018

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> PTT (NEM Sovon)

### **Common Snipe / Gallinago gallinago**

#### **Population Size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### **Latest breeding numbers estimate**

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Passage and staging numbers**

**Does the species migrate through the country?**

Yes

#### **Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### **Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8000
Maximum	40000
Best single value	

**Type of estimate** Multi-year mean (of seasonal maximum counts)**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon

**Previous staging numbers estimate****Please indicate whether a previous estimate of staging numbers is available** Previous staging numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2008-2012

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10000
Maximum	50000
Best single value	

**Type of estimate** Best estimate**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon

**Population trend****Passage and staging numbers****Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to

determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

Yes

**Passage numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term passage numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-58
Maximum	1
Best single value	-35

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term passage numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1987-2014

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-63
Maximum	-1
Best single value	-39

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

No

### **Red-necked Phalarope / Phalaropus lobatus**

#### **Population Size**

#### **Passage and staging numbers**

**Does the species migrate through the country?**

Yes

#### **Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### **Latest staging numbers estimate**

#### **Year or period**

[Year or period when numbers were last determined]

>>> 2013-2015

#### **Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	100
Best single value	

#### **Type of estimate**

95% confidence interval

#### **Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

#### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### **Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

#### **Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2012

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	100
Best single value	

## Type of estimate

95% confidence interval

## Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

## Does the species migrate through the country?

Yes

## Is short-term or long-term trend estimate of staging numbers available?

Yes

## Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

## Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-56
Maximum	224
Best single value	20

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1988-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	104
Maximum	1617
Best single value	492

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Common Sandpiper / Actitis hypoleucos****Population Size****Passage and staging numbers****Does the species migrate through the country?**

Yes

**Latest passage numbers estimate****Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate****Year or period**

[Year or period when numbers were last determined]

>>> 2013-2015

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8000
Maximum	40000
Best single value	

**Type of estimate** Multi-year mean (of seasonal maximum counts)**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon

**Previous staging numbers estimate****Please indicate whether a previous estimate of staging numbers is available** Previous staging numbers estimate is available**Year or period**

[Year or period when numbers were previously determined]

&gt;&gt;&gt; 2008-2012

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	10000
Maximum	50000
Best single value	

**Type of estimate** Best estimate**Method used for staging numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20
Maximum	50
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-47
Maximum	-12
Best single value	-31

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1987-2014

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-6
Maximum	53
Best single value	20

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Green Sandpiper / Tringa ochropus**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2015

**Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1500
Maximum	7500
Best single value	

**Type of estimate**

95% confidence interval

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Previous staging numbers estimate**

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

**Year or period**

[Year or period when numbers were previously determined]

>>> 2008-2012

**Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2000
Maximum	10000
Best single value	

**Type of estimate**

Best estimate

**Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1000
Maximum	1500
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

- Short-term trend
- Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2003-2014

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-56
Maximum	-21
Best single value	-41

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1987-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	67
Maximum	194

Best single value	122
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**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Common Greenshank / *Tringa nebularia***

**Population Size**

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20
Maximum	30
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Common Redshank / *Tringa totanus***

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	35952
Maximum	57367
Best single value	46749

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	46282
Maximum	62712
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### Additional information (optional)

#### Please provide any additional or complementary information to the data provided above in this section, if available

>>> Tringa totanus totanus/brittanica

### Population trend

### Passage and staging numbers

#### Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-27
Maximum	22
Best single value	-5

**Method used for short-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-36
Maximum	9
Best single value	-17

**Method used for long-term trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Tringa totanus totanus/brittanica

### **Little Gull / Hydrocoloeus minutus**

#### **Population Size**

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2015-2019

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	7500
Best single value	5632

#### **Type of estimate**

Multi-year mean

#### **Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Fijn et al. (2015-2019)

### **Population trend**

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

No

### **Black-legged Kittiwake / Rissa tridactyla**

#### **Population Size**

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2015-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	48668
Maximum	91796
Best single value	66774

**Type of estimate**

95% confidence interval

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTl), Fijn et al. (2015-2017)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2011

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	130340
Maximum	144060
Best single value	

**Type of estimate**

Best estimate

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Poot et al 2013

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-58
Maximum	-37
Best single value	-49

**Method used for short-term breeding numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTl)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1992-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	26
Maximum	84
Best single value	52

**Method used for long-term breeding numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTl)

**Black-headed Gull / Larus ridibundus**

## Population Size

### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

##### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

##### Year or period

[Year or period when numbers were last determined]

>>> 2013-2017

##### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	392963
Maximum	604410
Best single value	521484

##### Type of estimate

Multi-year mean (of seasonal maximum counts)

##### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

##### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### Previous staging numbers estimate

##### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

##### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

##### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	447749
Maximum	557555
Best single value	

##### Type of estimate

Best estimate

##### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	380000
Maximum	420000
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-31
Maximum	23
Best single value	-8

### Method used for short-term trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-40
Maximum	4
Best single value	-21

### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2005-2016

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1976-2016

**Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Mew Gull / *Larus canus***

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

## Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2013-2017

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	304856
Maximum	447762
Best single value	364800

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Previous staging numbers estimate

### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2006-2010

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	227400
Maximum	351300
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012, Poot et al 2013

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	350000
Maximum	430000
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-20
---------	-----

Maximum	44
Best single value	7

### Method used for short-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2016

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	37
Maximum	140
Best single value	81

### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1976-2016

#### **Long-term trend direction**

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Lesser Black-backed Gull / *Larus fuscus***

#### **Population Size**

#### **Passage and staging numbers**

#### **Does the species migrate through the country?**

Yes

#### **Latest passage numbers estimate**

#### **Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### **Latest staging numbers estimate**

#### **Year or period**

[Year or period when numbers were last determined]

>>> 2014-2016

#### **Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best

single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	35937
Maximum	70846
Best single value	50219

#### Type of estimate

95% confidence interval

#### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL), Fijn et al. (2015-2017)

#### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

#### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

#### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	200001
Maximum	1000000
Best single value	

#### Type of estimate

Best estimate

#### Method used for staging numbers estimate

Based mainly on expert opinion with very limited data

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> expert judgement

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper

confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	500
Maximum	1500
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

#### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-9
Maximum	53
Best single value	18

#### Method used for short-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1991-2016

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	95
Maximum	263
Best single value	166

### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Does the species occur in the country during the non-breeding/wintering season?

Yes

### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

No

## European Herring Gull / *Larus argentatus*

### Population Size

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	96063
Maximum	212566

Best single value	132880
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**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL), Fijn et al. (2015-2017). NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Previous non-breeding/wintering numbers estimate**

**Please indicate whether a previous estimate of the non-breeding/wintering numbers is available**

Previous non-breeding/wintering numbers estimate is available

**Year or period** [Year or period when numbers were previously determined]

>>> 2006-2010

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	132000
Maximum	166000
Best single value	

**Type of estimate**

Best estimate

**Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Hornman et al 2012, Poot et al 2013

**Population trend**

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-23
Maximum	39
Best single value	4

### Method used for short-term non-breeding/wintering numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces), Rijkswaterstaat (MWTL)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1981-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-26
Maximum	29
Best single value	-2

### Method used for long-term non-breeding/wintering numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces), Rijkswaterstaat (MWTL)

## Yellow-legged Gull / *Larus michahellis*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2012-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	30
Maximum	43
Best single value	35

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2004-2008

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	110
Maximum	110
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	150
Maximum	300
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2003-2014

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	52
Maximum	345

Best single value	160
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**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1994-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7
Maximum	19
Best single value	13

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

No

**Great Black-backed Gull / Larus marinus**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2014-2016

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	16609
Maximum	34001
Best single value	25062

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL), Fijn et al. (2015-2017). NEM waterbird monitoring scheme (Sovon, RWS, CBS)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2011

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	39600
Maximum	49400
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Poot et al 2013, Hornman et al 2012

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5400
Maximum	6500
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Population trend**

**Passage and staging numbers**

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-1
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Maximum	42
Best single value	18

### Method used for short-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1991-2016

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-27
Maximum	7
Best single value	-12

### Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provincies), Rijkswaterstaat (MWTL)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

Yes

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1976-2016

#### **Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-20

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Little Tern / *Sternula albifrons***

#### **Population Size**

#### **Passage and staging numbers**

#### **Does the species migrate through the country?**

Yes

#### **Latest passage numbers estimate**

#### **Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### **Latest staging numbers estimate**

#### **Year or period**

[Year or period when numbers were last determined]

>>> 2012-2016

#### **Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best

single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	274
Maximum	814
Best single value	578

#### **Type of estimate**

Multi-year mean (of seasonal maximum counts)

#### **Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

#### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

#### **Previous staging numbers estimate**

#### **Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

#### **Year or period**

[Year or period when numbers were previously determined]

>>> 2006-2010

#### **Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	600
Maximum	600
Best single value	

#### **Type of estimate**

Multi-year mean (of seasonal maximum counts)

#### **Method used for staging numbers estimate**

Based mainly on extrapolation from a limited amount of data

#### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Watervogelmeetnet unpub.

#### **Population trend**

#### **Passage and staging numbers**

#### **Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### **Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	68
Maximum	137
Best single value	100

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-54
Maximum	-42
Best single value	-48

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

## White-winged Tern / *Chlidonias leucopterus*

### Population Size

#### Passage and staging numbers

##### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

##### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

##### Year or period

[Year or period when numbers were last determined]

>>> 2008-2012

##### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	100
Best single value	

##### Type of estimate

95% confidence interval

##### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

##### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### Previous staging numbers estimate

##### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

##### Year or period

[Year or period when numbers were previously determined]

>>> 2004-2008

##### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	25
Maximum	25
Best single value	

##### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of passage numbers available?

No

### Common Tern / *Sterna hirundo*

#### Population Size

#### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

##### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2014-2016

#### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	12236
Maximum	44573
Best single value	23242

#### Type of estimate

95% confidence interval

#### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWT), Fijn et al. (2015-2017)

### Previous staging numbers estimate

**Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2011

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	13000
Maximum	26500
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Poot et al 2013, Sovon unpubl.

### Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	14
Maximum	42
Best single value	28

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	69
Maximum	99
Best single value	83

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Arctic Tern / Sterna paradisaea**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2014-2016

## Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5297
Maximum	17038
Best single value	9427

### Type of estimate

95% confidence interval

### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL), Fijn et al. (2015-2017)

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

## Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	501
Maximum	2000
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on expert opinion with very limited data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Expert judgement

### Population trend

#### Passage and staging numbers

#### Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of passage numbers available?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-43
Maximum	0
Best single value	-24

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-79
Maximum	-70
Best single value	-75

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]  
>>> migration counts (trektellen.nl)

## **Sandwich Tern / *Thalasseus sandvicensis***

### **Population Size**

#### **Passage and staging numbers**

##### **Does the species migrate through the country?**

Yes

##### **Latest passage numbers estimate**

###### **Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

##### **Latest staging numbers estimate**

###### **Year or period**

[Year or period when numbers were last determined]

>>> 2014-2016

###### **Staging numbers**

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	22758
Maximum	72910
Best single value	40614

###### **Type of estimate**

95% confidence interval

###### **Method used for staging numbers estimate**

Complete survey or a statistically robust estimate

###### **Sources of information**

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL), Fijn et al. (2015-2017)

##### **Previous staging numbers estimate**

###### **Please indicate whether a previous estimate of staging numbers is available**

Previous staging numbers estimate is available

###### **Year or period**

[Year or period when numbers were previously determined]

>>> 2011

###### **Staging numbers**

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	43000
Maximum	44000
Best single value	

## Type of estimate

Best estimate

## Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

## Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Poot et al 2013, Sovon unpubl.

## Population trend

### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

### Does the species migrate through the country?

Yes

### Is short-term or long-term trend estimate of staging numbers available?

Yes

### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	15
Maximum	34
Best single value	24

### Method used for short-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces), Rijkswaterstaat (MWTL)

## Long-term staging numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1991-2016

## Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	43
Maximum	52
Best single value	48

## Method used for long-term trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces), Rijkswaterstaat (MWTL)

## Long-tailed Jaeger / *Stercorarius longicaudus*

### Population Size

### Passage and staging numbers

### Does the species migrate through the country?

Yes

### Latest passage numbers estimate

### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

### Latest staging numbers estimate

### Year or period

[Year or period when numbers were last determined]

>>> 2008-2012

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	100
Best single value	

### Type of estimate

95% confidence interval

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Previous staging numbers estimate

### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2004-2008

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	40
Maximum	40
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

### Population trend

#### Passage and staging numbers

#### Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of passage numbers available?

Yes

#### Is short-term or long-term trend estimate of staging numbers available?

Yes

#### Staging numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-44
Maximum	84
Best single value	3

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1987-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	66
Maximum	267
Best single value	148

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Great Skua / Catharacta skua**

**Population Size**

**Passage and staging numbers**

**Does the species migrate through the country?**

Yes

**Latest passage numbers estimate**

**Please indicate whether estimate of staging numbers is available**

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

**Latest staging numbers estimate**

**Year or period**

[Year or period when numbers were last determined]

>>> 2013-2017

### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	500
Best single value	

### Type of estimate

95% confidence interval

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Previous staging numbers estimate

#### Please indicate whether a previous estimate of staging numbers is available

Previous staging numbers estimate is available

### Year or period

[Year or period when numbers were previously determined]

>>> 2008-2012

### Staging numbers

[Individuals. Raw numbers, i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	500
Best single value	

### Type of estimate

Best estimate

### Method used for staging numbers estimate

Based mainly on extrapolation from a limited amount of data

### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> BSP / waarneming.nl

### Population trend

#### Passage and staging numbers

#### Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?**

Yes

**Is short-term or long-term trend estimate of staging numbers available?**

Yes

**Staging numbers trend estimate is available for:**

Short-term trend

Long-term trend

**Short-term staging numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2005-2016

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-74
Maximum	-61
Best single value	-68

**Method used for short-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

**Long-term staging numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2016

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	131
Maximum	217
Best single value	171

**Method used for long-term trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> migration counts (trektellen.nl)

## Atlantic Puffin / *Fratercula arctica*

### Population Size

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2015-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	266
Maximum	3627
Best single value	928

#### Type of estimate

95% confidence interval

#### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTL), Fijn et al. (2015-2017)

### Population trend

#### Passage and staging numbers

**Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

#### Does the species migrate through the country?

Yes

#### Is short-term or long-term trend estimate of passage numbers available?

No

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Does the species occur in the country during the non-breeding/wintering season?

Yes

#### Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?

No

## Razorbill / Alca torda

### Population Size

#### Passage and staging numbers

#### Does the species migrate through the country?

Yes

#### Latest passage numbers estimate

#### Please indicate whether estimate of staging numbers is available

Staging numbers estimate is available [Staging numbers refer to the number of individuals that stopover in the country during migration]

#### Latest staging numbers estimate

#### Year or period

[Year or period when numbers were last determined]

>>> 2014-2016

#### Staging numbers

[Individuals. Raw numbers i.e. not rounded. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	36579
Maximum	104934
Best single value	60985

#### Type of estimate

95% confidence interval

#### Method used for staging numbers estimate

Complete survey or a statistically robust estimate

#### Sources of information

[Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Rijkswaterstaat (MWTl), Fijn et al. (2015-2017)

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

#### Year or period [Year or period when numbers were last determined]

>>> 2015-2019

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5000
Maximum	175000
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Fijn et al. (2015-2019)

**Previous non-breeding/wintering numbers estimate****Please indicate whether a previous estimate of the non-breeding/wintering numbers is available** Previous non-breeding/wintering numbers estimate is available**Year or period** [Year or period when numbers were previously determined]

&gt;&gt;&gt; 2011

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	40268
Maximum	84665
Best single value	

**Type of estimate** Best estimate**Method used for non-breeding/wintering numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Poot et al., 2013

**Population trend****Passage and staging numbers****Please indicate whether estimate of the short-term (last 12 years) and/or long-term (since ca. 1980) trend of passage and/or staging numbers is available**

[Passage numbers trends are expected to be reported for a small number of species where it is feasible to determine the numbers of individuals passing through the country by applying targeted migration census in areas of relatively narrow migration corridors. This would include species such as storks, pelicans and cranes]

[Staging numbers trends refer to the number of individuals that stopover in the country during migration]

**Does the species migrate through the country?** Yes**Is short-term or long-term trend estimate of staging numbers available?** No**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?** Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

No

## **Common Murre / *Uria aalge***

### **Population Size**

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2015-2019

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	449288
Maximum	465760
Best single value	

#### **Type of estimate**

Best estimate

#### **Method used for non-breeding/wintering numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Poot et al., 2013

### **Population trend**

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution is the terminal destination of migration as opposed to other areas where birds pass through or stop-over at during non-breeding season movements]

**Does the species occur in the country during the non-breeding/wintering season?**

Yes

**Is short-term and/or long-term non-breeding/wintering numbers trend estimate available?**

No

## 4. NON-NATIVE WATERBIRD SPECIES

Please select from the drop-down list below only the non-native species that occur in your country. This list contains the non-native waterbird species that have been identified to occur in the Agreement area. Should any additional species occur in your country, please contact the UNEP/AEWA Secretariat. Please note that some species are listed under AEWA and are native in some parts of the Agreement area, but are non-native in others.

### White-faced Whistling-duck / *Dendrocygna viduata*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

#### Both options can be selected

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 7

#### Period [Period (years) of the records above]

>>> 2013-2018

#### Last year of record [Year when the species was last recorded in the country]

>>> 2018

#### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> Sovon, NDFF (Waarneming.nl/Telmee.nl)

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

#### Occasional records during non-breeding/wintering season

#### Both options can be selected

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 4

#### Period [Period (years) of the records above]

>>> 2013-2018

#### Last year of record [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Black-bellied Whistling-duck / *Dendrocygna autumnalis***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> complete survey; Sovon, NDFF (Waarneming.nl/Telmee.nl)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

#### Both options can be selected

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 2

#### Period [Period (years) of the records above]

>>> 2013-2018

#### Last year of record [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

#### Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas

where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**West Indian Whistling-duck / *Dendrocygna arborea***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this**

**section, if available**

>>> Complete survey; Sovon, NDFF (Waarneming.nl/Telmee.nl)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species does not occur in the country during the non-breeding/wintering season

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species does not occur in the country during the non-breeding/wintering season

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> just one record, in 2009

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

## National Red List Status

**Does the species have any National Red List status?**

No

## Fulvous Whistling-duck / *Dendrocygna bicolor*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 8

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> one breeding case recorded in 2009

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 16

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

**section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Ruddy Duck / *Oxyura jamaicensis*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	15
Maximum	30
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Previous breeding numbers estimate

### Please indicate whether a previous estimate of the breeding numbers size is available

Previous breeding numbers estimate is available

### Year or period [Year or period when breeding numbers were previously determined]

>>> 2008-2010

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	9
Maximum	15
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al (2013)

## Changes in the breeding numbers estimates

### Has there been a change between the previous and the latest breeding numbers estimate?

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to improved knowledge/more accurate data

**Please indicate which reason for change is predominant**

Due to improved knowledge/more accurate data

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2018

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	60
Maximum	80
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018), Sovon (2019)

**Previous non-breeding/wintering numbers estimate****Please indicate whether a previous estimate of the non-breeding/wintering numbers is available** No previous non-breeding/wintering numbers estimate is available**Population trend****Breeding numbers****Please indicate whether:** Short-term and/or long-term breeding numbers trend estimate is available**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

 Short-term trend Long-term trend**Short-term breeding numbers trend estimate****Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

&gt;&gt;&gt; 2006-2017

**Short-term trend direction** Decreasing**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-77
Maximum	-29
Best single value	-59

**Method used for short-term breeding numbers trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate****Trend period** [since ca. 1980 or a period as close as possible to that]

&gt;&gt;&gt; 1990-2017

**Long-term trend direction** Increasing**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	189
Maximum	817
Best single value	418

#### **Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> breeding annually since 1990

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

#### **Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### **Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> present irregularly around 1980

### Range size and trend

#### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

#### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 1200

#### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	33.3

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1990-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	1100

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al. (2013), Sovon (2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> breeding annually in the Netherlands since 1990

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### Non-breeding/wintering range size

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Range size = 1700; Sovon (2018)

### Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### White-headed Duck / *Oxyura leucocephala*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

### Both options can be selected

Occasionally recorded, most likely escapes from collections

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> although some records are considered vagrants (of wild origin)

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

### Both options can be selected

Occasionally recorded, most likely escapes from collections

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> NDFF (Waarneming.nl, Telmee.nl)

## Population trend

### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Single area

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Black-necked Swan / *Cygnus melanocorypha***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	0
Maximum	1
Best single value	0

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	5
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers; NDFF (Waarneming.nl, Telmee.nl)

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 100

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2013-2015

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 2007-2018

### Long-term trend direction

Uncertain

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> irregular breeding bird

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## Black Swan / *Cygnus atratus*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

### Latest breeding numbers estimate

Year or period [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	40
Maximum	70
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

Please indicate whether a previous estimate of the breeding numbers size is available

Previous breeding numbers estimate is available

Year or period [Year or period when breeding numbers were previously determined]

>>> 2008-2010

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value.

In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	60
Maximum	70
Best single value	

#### **Type of estimate**

Best estimate

#### **Method used for breeding numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al (2013)

#### **Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

No

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season.]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	110
Maximum	200
Best single value	

#### **Type of estimate**

Multi-year mean

#### **Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

#### **Population trend**

## Breeding numbers

### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

### Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Sovon (2002), van Kleunen et al. (2013), Sovon (2018)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	3900
Maximum	6900
Best single value	

### Method used for long-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al. (2013), Sovon Bird atlas (Sovon 2018)

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> first breeding record in the Netherlands in 1978 (1 pair)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

Trend period [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Long-term non-breeding/wintering numbers trend estimate

Trend period [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Method used for long-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Range size and trend

### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 4700

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	11.9

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	4600

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al. (2013), Sovon (2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> settlement in 1978

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### Non-breeding/wintering range size

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Range size 1000; Sovon (2018); winter distribution

### Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available,

ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	420

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Assessment of risks posed by the non-native species**

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Other

**Other**

Please provide details and references, where available

>>> Although Black swans may also cause damage by grazing activities, the Dutch population of feral Black swans is currently too small to cause substantial economic damage (Beemster & Klop 2013)

**Trumpeter Swan / *Cygnus buccinator***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]  
>>> 2018

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 6

**Period** [Period (years) of the records above]

>>> 2013-2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas

where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Cackling Goose / Branta hutchinsii**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period [Year or period when numbers were last determined]**

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	460
Maximum	770
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers size is available**

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	300
Maximum	400
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1500
Maximum	2000
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for short-term breeding numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### **Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1985-2017

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for long-term breeding numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Lensink et al. (2013)

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> exact year of settlement as breeding bird not clear but at least since 1985, increase likely

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### **Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

#### **Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Range size and trend**

**Breeding range**

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 3800

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term range trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Lensink et al. (2013)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1985-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term range trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al. (2013), Sovon (2018)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> year of settlement as breeding bird not clear but at least since 1985, increase likely

### **Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### **Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Range size = 5900; Sovon (2018); winter distribution

### **Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term range trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Assessment of risks posed by the non-native species**

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

**Hybridisation with native species**

Which species does it hybridise with?

>>> regularly reported x Barnacle Goose (SOVON 2010)

Is hybridisation regularly occurring?

Yes

Are hybrids produced?

Yes

Is the hybrid population increasing?

Yes

Please provide details and references, where available

>>> (SOVON 2010); absolute numbers likely have increased but relative numbers have not (Ottenburghs 2017)

**Canada Goose / Branta canadensis**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	9000
Maximum	12000
Best single value	

**Type of estimate**

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

**Please indicate whether a previous estimate of the breeding numbers size is available**

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2012

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5200
Maximum	10400
Best single value	

### Type of estimate

95% confidence interval

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Schekkerman (2012)

### Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2012-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	48100
Maximum	56100
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns passage number (Sept-Nov), winternumbers 2013-2015: 43000-54000 ex.

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	66
Maximum	93
Best single value	79

#### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

#### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	40809
Maximum	399900
Best single value	

### Method used for long-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), SOVON (1987), Sovon Bird atlas (Sovon 2018)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

#### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	90

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	230

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Range size and trend

#### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

#### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 36000

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	
Maximum	
Best single value	97.8

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	7100

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), Sovon (2018)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

**Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]

>>> range size = 28200; Sovon (2018); winter distribution

## Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	272

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Assessment of risks posed by the non-native species

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

- Competitive exclusion of native species, or aggressive to native species
- Hybridisation with native species
- Eutrophication or pollution of waterbodies
- Damage to man-made habitats or crops

## Competitive exclusion of native species, or aggressive to native species

Which species are excluded or are subject of aggressive behaviour?

>>> compete with Greyleg Geese for breeding habitat (SOVON 2010)

Is aggression and exclusion a regularly observed behaviour?

No

## Hybridisation with native species

Which species does it hybridise with?

>>> regularly reported x Greyleg Goose and x Barnacle Goose (SOVON 2010, Ottenburghs 2017), occasional x Greater Whitefronted Goose (Ottenburghs 2017)

Is hybridisation regularly occurring?

Yes

Are hybrids produced?

Yes

Is the hybrid population increasing?

Yes

Please provide details and references, where available

>>> absolute numbers likely have increased but relative numbers have not (Ottenburghs 2017)

### **Eutrophication or pollution of waterbodies**

Is this widespread or localised?

Localised

Please provide details and references, where available

>>> is likely to take place in case of large geese concentrations on small standing waters (SOVON 2010)

### **Damage to man-made habitats or crops**

What types of habitats or crops have been affected?

>>> grass, cereals, other crops; crop damage applies to geese species in general (SOVON (2010)

Is this widespread or localised?

Widespread

### **Hawaiian Goose / *Branta sandvicensis***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

#### **Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

#### **Both options can be selected**

Occasionally recorded, most likely escapes from collections

#### **Minimum recorded number of occasional visitors**

>>> 0

#### **Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Sovon, NDFF (Waarneming.nl/Telmee.nl)

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	10
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Assessment of risks posed by the non-native species**

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

**Hybridisation with native species**

Which species does it hybridise with?

>>> Barnacle goose

Is hybridisation regularly occurring?

No

Are hybrids produced?

Yes

Is the hybrid population increasing?

No

Please provide details and references, where available

>>> incidentally (x Barnacle Goose) (Ottenburghs 2017)

## **Emperor Goose / Anser canagicus**

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

### **Population size**

### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### **Occasional records during breeding season (non-breeders)**

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2015

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Complete survey; Sovon Bird atlas (Sovon 2018)

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; concerns winter numbers

**Population trend****Breeding numbers****Please indicate whether:** The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

 Yes**Trend estimate of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:** The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

 Yes**Trend of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide

lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

Range size, short-term and/or long-term range trend estimate is available

#### Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available

The following estimates are available:

- Range size
- Short-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 200

#### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2007-2018

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### Method used for short-term range trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NDFF (Waarneming.nl, Telmee.nl)

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> irregular breeding bird

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Assessment of risks posed by the non-native species

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

### Hybridisation with native species

Which species does it hybridise with?  
>>> occasionally (x Barnacle Goose (Ottenburghs 2017))

Is hybridisation regularly occurring?  
 No

Are hybrids produced?  
 Yes

Is the hybrid population increasing?  
 No

## **Snow Goose / *Anser caerulescens***

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country  
 The species occurs in the country

### **Population size**

#### **Breeding numbers**

##### **Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

##### **Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

##### **Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded]. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	0
Maximum	2
Best single value	

##### **Type of estimate**

Best estimate

##### **Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018); Although some birds reported in passage and winter season may concern true vagrants, the breeding cases likely relate to birds escaped from captivity.

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

##### **Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

##### **Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	90
Maximum	110
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winternumbers: may include some vagrant birds

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2007-2018

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Long-term breeding numbers trend estimate**

**Long-term trend direction**

Uncertain

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term breeding numbers trend estimate**

Insufficient or no data available

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]  
>>> 2003-2014

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	99
Maximum	576
Best single value	267

**Method used for short-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and

indicate them as such.]

Minimum	2531
Maximum	6799
Best single value	4161

### **Method used for long-term non-breeding/wintering numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### **Range size and trend**

#### **Breeding range**

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

#### **Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 400

#### **Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### **Short-term breeding range trend estimate**

### **Long-term breeding range trend estimate**

#### **Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

#### **Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 2900; Sovon (2018); winter distribution

### Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Assessment of risks posed by the non-native species

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

#### Hybridisation with native species

Which species does it hybridise with?

>>> occasionally (x Barnacle Goose, x Greylag Goose) (Ottenburghs 2017)

Is hybridisation regularly occurring?

No

Are hybrids produced?

Yes

Is the hybrid population increasing?

No

Please provide details and references, where available

>>> Ottenburghs (2017)

## Ross's Goose / *Anser rossii*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 5

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> some records may concern wild vagrant birds

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	5
Best single value	

#### Type of estimate

Multi-year mean

#### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winternumbers: may include some vagrant birds

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### **Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### **Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Assessment of risks posed by the non-native species**

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

#### **Hybridisation with native species**

Which species does it hybridise with?

>>> incidentally (x Barnacle Goose)

Is hybridisation regularly occurring?

No

Please provide details and references, where available

>>> Ottenburghs (2017)

### **Bar-headed Goose / *Anser indicus***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### **Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit** Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	90
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers size is available**

 Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2011-2012

**Population unit** Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	49
Maximum	310
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Schekkerman et al. (2012)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

 No**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	250
Maximum	400
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

### Method used for short-term breeding numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1986-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	4900
Maximum	8900
Best single value	

### Method used for long-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al. (2013), Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> regular breeding bird in the Netherlands since 1986

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available,

ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### **Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

#### **Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Method used for long-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### **Range size and trend**

##### **Breeding range**

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

##### **Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 3500

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-22.2

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	3400

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Long-term trend of the range

**Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 8800; Sovon (2018)

**Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	250

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Assessment of risks posed by the non-native species**

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

## Hybridisation with native species

Which species does it hybridise with?

>>> x Greylag Goose and x Barnacle Goose, x Canada Goose

Is hybridisation regularly occurring?

No

Are hybrids produced?

Yes

Is the hybrid population increasing?

No

Please provide details and references, where available

>>> (SOVON 2010, Ottenburghs 2017)

## Swan Goose / *Anser cygnoides*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20
Maximum	30
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Previous breeding numbers estimate

#### Please indicate whether a previous estimate of the breeding numbers size is available

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2008-2010

## Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	150
Maximum	150
Best single value	

## Type of estimate

Best estimate

## Method used for breeding numbers estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al (2013)

## Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

No

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	100
Maximum	200
Best single value	

## Type of estimate

Multi-year mean

## Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this**

**section, if available**

>>> concerns winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term breeding numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Long-term breeding numbers trend estimate**

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term breeding numbers trend estimate**

Insufficient or no data available

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

- Short-term trend
- Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]  
>>> 2003-2014

**Short-term trend direction**

- Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

- Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2014

**Long-term trend direction**

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term non-breeding/wintering numbers trend estimate**

- Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Range size and trend**

**Breeding range**

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Short-term trend of the range
- Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

>>> 1600

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-11.1

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Long-term trend direction**

Unknown

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> year of settlement and past distribution not clear

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### Non-breeding/wintering range size

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Range size = 3800; Sovon (2018)

### Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	800

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

## National Red List Status

**Does the species have any National Red List status?**

No

## Assessment of risks posed by the non-native species

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Hybridisation with native species

## Hybridisation with native species

Which species does it hybridise with?

>>> Greylag Goose

Is hybridisation regularly occurring?

No

Are hybrids produced?

Yes

Is the hybrid population increasing?

No

Please provide details and references, where available

>>> (SOVON 2010, Ottenburghs 2017)

## Bufflehead / *Bucephala albeola*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 4

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	2
Maximum	5
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winter numbers; may include vagrants

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source NDFD (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source NDFD (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Barrow's Goldeneye / *Bucephala islandica*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:** The species is recorded only occasionally during the non-breeding/wintering season**Range of occasional records during non-breeding/wintering season (non-breeders)****Please select one of the options below** Single area**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

 Yes**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## Hooded Merganser / Lophodytes cucullatus

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors

>>> 1

Maximum recorded number of occasional visitors

>>> 4

Period [Period (years) of the records above]

>>> 2013-2018

Last year of record [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> some records may concern vagrant birds

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

>>> 2013-2015

Numbers [Individuals. Raw numbers, i.e. not rounded]. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5

Maximum	10
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winter numbers; may include vagrants

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status****National Legal Status**

**Does the species have any national protection or other legal status?**

 No**National Red List Status**

**Does the species have any National Red List status?**

 No**Upland Goose / *Chloephaga picta*****Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

 The species occurs in the country**Population size****Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

 The species is recorded only occasionally during the breeding season, but does not breed**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

 Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

&gt;&gt;&gt; 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 3

**Period** [Period (years) of the records above]

&gt;&gt;&gt; 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

&gt;&gt;&gt; 2015

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	10
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

#### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
---------	--

Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Radjah Shelduck / Radjah radjah

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

## Egyptian Goose / *Alopochen aegyptiacus*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

##### Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	6900
Maximum	11400
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Previous breeding numbers estimate

##### Please indicate whether a previous estimate of the breeding numbers size is available

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2012

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	7700
Maximum	11900
Best single value	

#### Type of estimate

95% confidence interval

### Method used for breeding numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Schekkerman (2012)

### Changes in the breeding numbers estimates

**Has there been a change between the previous and the latest breeding numbers estimate?**

No

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2012-2017

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	40200
Maximum	51200
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns passage number (Sept), winternumbers 2013-2015: 32000-45000

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2006-2017

**Short-term trend direction**

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	39
Maximum	59
Best single value	49

**Method used for short-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1984-2017

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1956
Maximum	4190
Best single value	2876

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

## Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]  
>>> 2006-2017

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	35

### Method used for short-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	700

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Range size and trend

### Breeding range

#### Please indicate whether:

Range size, short-term and/or long-term range trend estimate is available

#### Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available

The following estimates are available:

Range size

- Short-term trend of the range
- Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 44600

### Method used for range size estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

- Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	27.4

### Method used for short-term range trend estimate

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	3085.7

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

**Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Range size = 39200; Sovon (2018); winter distribution

**Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	675

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**National legal and Red List status****National Legal Status**

**Does the species have any national protection or other legal status?**

No

## National Red List Status

Does the species have any National Red List status?

No

## Assessment of risks posed by the non-native species

Please select all relevant risks from the list below

Please select all relevant risks from the list below

Competitive exclusion of native species, or aggressive to native species

Eutrophication or pollution of waterbodies

Damage to man-made habitats or crops

## Competitive exclusion of native species, or aggressive to native species

Which species are excluded or are subject of aggressive behaviour?

>>> reported regularly but no obvious impact on populations of native species

Is aggression and exclusion a regularly observed behaviour?

Yes

Please provide details and references, where available

>>> Gyimesi & Lensink (2010)

## Eutrophication or pollution of waterbodies

Is this widespread or localised?

Localised

Please provide details and references, where available

>>> although is considered a risk in case of large concentrations at small standing waters (Gyimesi & Lensink 2010)

## Damage to man-made habitats or crops

What types of habitats or crops have been affected?

>>> regularly reported in particular to grasslands, but also crops and cereals

Is this widespread or localised?

Widespread

Please provide details and references, where available

>>> Gyimesi & Lensink (2010)

## Ruddy Shelduck / *Tadorna ferruginea*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

Breeding numbers estimate is available

### Latest breeding numbers estimate

Year or period [Year or period when numbers were last determined]

>>> 2013-2015

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the

data fields for minimum and maximum and indicate them as such.]

Minimum	10
Maximum	30
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers size is available**

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2008-2011

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	11
Maximum	30
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM, Sovon en CBS (Boele et al. 2011-2013, van Dijk et al 2010)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

No

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2018

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	900
Maximum	1900
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Kleyheeg et al.. (2020)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> estimate based on counts of concentrations of moulting birds in late summer

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

**Short-term trend direction**

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term breeding numbers trend estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details,

etc.]  
>>> Sovon

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2017

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	233
Maximum	2900
Best single value	

#### Method used for long-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira (1979), SOVON (1987), Sovon Bird atlas (Sovon 2018)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

#### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]  
>>> 2003-2014

#### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	8
Maximum	257
Best single value	97

#### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

## Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	6050
Maximum	15580
Best single value	9720

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Range size and trend

### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 2500

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	0

**Method used for short-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

**Long-term breeding range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	1150

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

**Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 5500; Sovon (2018); winter distribution

### Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	225

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### South African Shelduck / *Tadorna cana*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 3

**Period** [Period (years) of the records above]

&gt;&gt;&gt; 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

&gt;&gt;&gt; 2015

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	5
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018); concerns winter numbers

**Population trend****Breeding numbers****Please indicate whether:** The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

 Yes**Trend estimate of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; irregular;ly recorded in low numbers; NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Australian Shelduck / *Tadorna tadornoides*

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> complete survey; source: Sovon, NDFF (Waarneming.nl/Telmee.nl)

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### **Population trend**

## Breeding numbers

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

## Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source NDFP (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Paradise Shelduck / *Tadorna variegata***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

#### **Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

#### **Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Muscovy Duck / Cairina moschata**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	50
Maximum	100
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate****Please indicate whether a previous estimate of the breeding numbers size is available** Previous breeding numbers estimate is available**Year or period** [Year or period when breeding numbers were previously determined]

&gt;&gt;&gt; 2008-2010

**Population unit** Pairs**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	5
Best single value	

**Type of estimate** Best estimate**Method used for breeding numbers estimate** Based mainly on extrapolation from a limited amount of data**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Lensink et al (2013)

**Changes in the breeding numbers estimates****Has there been a change between the previous and the latest breeding numbers estimate?** Yes**Please clarify the nature of change** [More than one option from the list below is possible] Due to improved knowledge/more accurate data**Please indicate which reason for change is predominant** Due to improved knowledge/more accurate data**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; concerns domestic form

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available

## Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	300
Maximum	600
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018); concerns winter numbers

## Population trend

### Breeding numbers

#### Please indicate whether:

Short-term and/or long-term breeding numbers trend estimate is available

#### Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	25
Maximum	567
Best single value	

### Method used for short-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Sovon (2002), van Kleunen et al. (2013), Sovon (2018)

## Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1990-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term breeding numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Lensink et al. (2013)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> exact year of settlement as breeding bird not clear but at least since 1990, increase likely

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

#### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Range size and trend

#### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

#### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 6500

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	66.7

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1990-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term range trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al. (2013), Sovon (2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> year of settlement as breeding bird not clear but at least since 1990, increase likely

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term**

**(last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Long-term trend of the range

**Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 8000; Sovon (2018); winter distribution

**Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term range trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

- No

**National Red List Status**

**Does the species have any National Red List status?**

- No

**Comb Duck / Sarkidiornis melanotos**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

- The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 3

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Ringed Teal / *Callonetta leucophrys*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

#### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

#### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	0
Maximum	1
Best single value	

#### Type of estimate

Best estimate

#### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

#### Type of estimate

Multi-year mean

## Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018); concerns winter numbers

## Population trend

### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

## Range size and trend

### Breeding range

#### Please indicate whether:

Range size, short-term and/or long-term range trend estimate is available

#### Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available

The following estimates are available:

Range size

Short-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 200

#### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2007-2018

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> irregular breeding bird

### Long-term breeding range trend estimate

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Wood Duck / Aix sponsa**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period [Year or period when numbers were last determined]**

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value.

In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	5
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers size is available**

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2008-2010

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	9
Maximum	15
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al (2013)

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum)

and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	20
Maximum	40
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

### Population trend

#### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

#### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### Method used for short-term breeding numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1998-2017

### Long-term trend direction

Uncertain

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term breeding numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Lensink et al. (2013)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> was absent as breeding bird around 1980, first breeding not clear, probably since late nineties

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Range size and trend****Breeding range**

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

**Breeding range size**

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 900

**Method used for range size estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**Short-term breeding range trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-47.1

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 2000-2015

### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-22.2

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> was absent as breeding bird around 1980, first breeding not clear, probably since late nineties

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term**

**(last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

- Range size
- Long-term trend of the range

**Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km2]

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 2100; Sovon (2018); winter distribution.

**Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

- Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	150

**Method used for long-term range trend estimate**

- Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

- No

**National Red List Status**

**Does the species have any National Red List status?**

- No

**Mandarin Duck / Aix galericulata**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

- The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

**Latest breeding numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	300
Maximum	400
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Previous breeding numbers estimate**

**Please indicate whether a previous estimate of the breeding numbers size is available**

Previous breeding numbers estimate is available

**Year or period** [Year or period when breeding numbers were previously determined]

>>> 2008-2010

**Population unit**

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	200
Maximum	260
Best single value	

**Type of estimate**

Best estimate

**Method used for breeding numbers estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Lensink et al (2013)

**Changes in the breeding numbers estimates**

**Has there been a change between the previous and the latest breeding numbers estimate?**

Yes

**Please clarify the nature of change** [More than one option from the list below is possible]

Due to genuine change

**Please indicate which reason for change is predominant**

Due to genuine change

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	600
Maximum	1200
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term breeding numbers trend estimate**

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-57
Maximum	-4
Best single value	-36

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2017

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1263
Maximum	12233
Best single value	

### Method used for long-term breeding numbers trend estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon, Teixeira (1979), SOVON (1987), Sovon Bird atlas (Sovon 2018)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

#### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

### Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for short-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

### Range size and trend

#### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

## Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 12900

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2000-2015

### Short-term trend direction

Increasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	37.2

### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2002), Sovon (2018)

## Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1977-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	2050

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Teixeira 1979), Sovon (2018)

### **Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### **Non-breeding/wintering range size**

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 7600; Sovon (2018); winter distribution

### **Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	350

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

## Assessment of risks posed by the non-native species

Please select all relevant risks from the list below

Please select all relevant risks from the list below

Hybridisation with native species

### Hybridisation with native species

Which species does it hybridise with?

>>> incidentally reported (with Mallard)

Is hybridisation regularly occurring?

No

Are hybrids produced?

Yes

Is the hybrid population increasing?

No

Please provide details and references, where available

>>> van Kleunen & Lemaire (2014)

## Maned Duck / *Chenonetta jubata*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

>>> 2013-2015

Numbers [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

#### Type of estimate

Multi-year mean

#### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### **Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### **Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	

Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source NDFP (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Blue-winged Goose / Cyanochen cyanoptera**

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

**Latest non-breeding/wintering numbers estimate**

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	2
Best single value	

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Concerns winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Marbled Teal / Marmaronetta angustirostris**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 3

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:** The species is recorded only occasionally during the non-breeding/wintering season**Range of occasional records during non-breeding/wintering season (non-breeders)****Please select one of the options below** Localised (less than 10 sites)**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

 Yes**Trend period [Years]**

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status****National Legal Status****Does the species have any national protection or other legal status?** No

## National Red List Status

**Does the species have any National Red List status?**

No

## Rosy-billed Pochard / *Netta peposaca*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 4

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

## Population trend

## Breeding numbers

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

## Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Redhead / *Aythya americana***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely natural vagrants

#### **Minimum recorded number of occasional visitors**

>>> 0

#### **Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> one record, accepted as a vagrant

#### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Single area

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> just one record

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Hottentot Teal / *Spatula hottentota***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 4

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## **National legal and Red List status**

### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

### **National Red List Status**

**Does the species have any National Red List status?**

No

## **Silver Teal / *Spatula versicolor***

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

## **Population size**

### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

## **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

## **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

## **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 5

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status****National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Cinnamon Teal / *Spatula cyanoptera*****Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size****Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 4

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 3

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below

Localised (less than 10 sites)

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## Blue-winged Teal / *Spatula discors*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely natural vagrants

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely natural vagrants

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend****Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### **Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### **Trend of occasional records**

#### **Trend period** [Years]

>>> 2007-2018

#### **Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Range size and trend**

#### **Breeding range**

#### **Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Range of occasional records during breeding season (non-breeders)**

#### **Please select one of the options below**

Localised (less than 10 sites)

#### **Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

#### **Trend period** [Years]

>>> 2007-2018

#### **Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum

- maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

**Baikal Teal / Sibirionetta formosa**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely natural vagrants

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records; may include vagrants

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

## Breeding range

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

## Range of occasional records during breeding season (non-breeders)

### Please select one of the options below

Single area

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

### Please select one of the options below

Localised (less than 10 sites)

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Falcated Duck / *Mareca falcata*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely natural vagrants

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 3

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

### Both options can be selected

- Occasionally recorded, most likely natural vagrants  
 Occasionally recorded, most likely escapes from collections

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 2

### Period [Period (years) of the records above]

>>> 2013-2018

### Last year of record [Year when the species was last recorded in the country]

>>> 2017

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records; may include vagrants

## Population trend

### Breeding numbers

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below

Localised (less than 10 sites)

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## American Wigeon / *Mareca americana*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely natural vagrants

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

&gt;&gt;&gt; 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 3

**Period** [Period (years) of the records above]

&gt;&gt;&gt; 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

&gt;&gt;&gt; 2015

**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; some records may concern vagrant birds

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	2
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; concerns winter numbers; may include vagrants

**Population trend****Breeding numbers****Please indicate whether:** The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

 Yes

## Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:** The species is recorded only occasionally during the non-breeding/wintering season**Range of occasional records during non-breeding/wintering season (non-breeders)****Please select one of the options below** Localised (less than 10 sites)**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

 Yes**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## Chiloe Wigeon / *Mareca sibilatrix*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors

>>> 4

Maximum recorded number of occasional visitors

>>> 8

Period [Period (years) of the records above]

>>> 2013-2018

Last year of record [Year when the species was last recorded in the country]

>>> 2018

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

Year or period [Year or period when numbers were last determined]

>>> 2013-2015

Numbers [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

#### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

#### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

#### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as

such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status****National Legal Status**

**Does the species have any national protection or other legal status?**

 No**National Red List Status**

**Does the species have any National Red List status?**

 No**Yellow-billed Duck / *Anas undulata*****Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

 The species occurs in the country**Population size****Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

 The species is recorded only occasionally during the breeding season, but does not breed**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

 Occasionally recorded, most likely escapes from collections**Minimum recorded number of occasional visitors**

&gt;&gt;&gt; 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 1

**Period** [Period (years) of the records above]

&gt;&gt;&gt; 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

&gt;&gt;&gt; 2018

### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

Both options can be selected

Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors

>>> 0

Maximum recorded number of occasional visitors

>>> 1

Period [Period (years) of the records above]

>>> 2013-2018

Last year of record [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

Trend magnitude [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

## Range of occasional records during breeding season (non-breeders)

### Please select one of the options below

Localised (less than 10 sites)

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Chestnut Teal / *Anas castanea***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Single area

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Cape Teal / *Anas capensis***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

#### Please select one of the options below

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### White-cheeked Pintail / *Anas bahamensis*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

##### Both options can be selected

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 4

#### Maximum recorded number of occasional visitors

>>> 11

#### Period [Period (years) of the records above]

>>> 2013-2018

#### Last year of record [Year when the species was last recorded in the country]

>>> 2018

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

Non-breeding/wintering numbers estimate is available

#### Latest non-breeding/wintering numbers estimate

##### Year or period [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	5
Maximum	10
Best single value	

#### Type of estimate

Multi-year mean

#### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> concerns winter numbers

## Population trend

### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## **National legal and Red List status**

### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

### **National Red List Status**

**Does the species have any National Red List status?**

No

## **Red-billed Duck / *Anas erythrorhyncha***

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

## **Population size**

### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> just one record; source NDFP (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Yellow-billed Pintail / *Anas georgica***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> just one record; source (NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Yellow-billed Teal / *Anas flavirostris*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

&gt;&gt;&gt; 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 1

**Period** [Period (years) of the records above]

&gt;&gt;&gt; 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

&gt;&gt;&gt; 2018

**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; non-breeding maximum based on occasional records

**Population trend****Breeding numbers****Please indicate whether:** The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

 Yes**Trend estimate of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:** The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

 Yes**Trend of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

#### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Greater Flamingo / *Phoenicopterus roseus***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 15

**Maximum recorded number of occasional visitors**

>>> 20

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	15
Maximum	20
Best single value	18

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Based mainly on extrapolation from a limited amount of data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winter numbers

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

#### Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term non-breeding/wintering numbers trend estimate

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2004-2015

#### Short-term trend direction

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-28
Maximum	90
Best single value	17

#### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1992-2015

#### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	63
Maximum	317
Best single value	161

## Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### Non-breeding/wintering range size

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>] Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Range size = 400; Sovon (2018; winter distribution)

**Short-term non-breeding/wintering range trend estimate****Long-term non-breeding/wintering range trend estimate****Trend period** [since ca. 1980 or a period as close as possible to that]

&gt;&gt;&gt; 1979-2015

**Long-term trend direction** Decreasing**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-50

**Method used for long-term range trend estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon (2018)

**National legal and Red List status****National Legal Status****Does the species have any national protection or other legal status?** No**National Red List Status****Does the species have any National Red List status?** No**American Flamingo / *Phoenicopterus ruber*****Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

 The species occurs in the country**Population size****Breeding numbers****Please indicate whether estimate of the breeding numbers is available** The species is recorded only occasionally during the breeding season, but does not breed**Occasional records during breeding season (non-breeders)****Both options can be selected** Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

&gt;&gt;&gt; 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 2

**Period** [Period (years) of the records above]

&gt;&gt;&gt; 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

&gt;&gt;&gt; 2014

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available** Non-breeding/wintering numbers estimate is available**Latest non-breeding/wintering numbers estimate****Year or period** [Year or period when numbers were last determined]

&gt;&gt;&gt; 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	1
Best single value	

**Type of estimate** Multi-year mean**Method used for non-breeding/wintering numbers estimate** Complete survey or a statistically robust estimate**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

&gt;&gt;&gt; Sovon Bird atlas (Sovon 2018)

**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; winter numbers

**Population trend****Breeding numbers****Please indicate whether:** The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

 Yes**Trend estimate of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:** The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

 Yes**Trend of occasional records****Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend****Breeding range****Please indicate whether:** The species is recorded only occasionally during the breeding season, but does not breed**Range of occasional records during breeding season (non-breeders)****Please select one of the options below** Localised (less than 10 sites)**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

 Yes**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

## National Red List Status

**Does the species have any National Red List status?**

No

## Chilean Flamingo / *Phoenicopterus chilensis*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 70

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	35
Maximum	45
Best single value	

### Type of estimate

Multi-year mean

### Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winter numbers

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### **Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Stable

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

### **Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2013-2014

**Short-term trend direction**

Uncertain

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-44
Maximum	3
Best single value	-24

### Method used for short-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term non-breeding/wintering numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1992-2014

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-22.64
Maximum	-59.47
Best single value	44.95

### Method used for long-term non-breeding/wintering numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM waterbird monitoring scheme (Sovon, RWS, CBS, provinces)

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide

lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

### Non-breeding/wintering range size

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Range size = 800; Sovon (2018); winter distribution

### Short-term non-breeding/wintering range trend estimate

### Long-term non-breeding/wintering range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

### Long-term trend direction

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Lesser Flamingo / *Phoeniconaias minor*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 5

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	2

Best single value	
-------------------	--

**Type of estimate**

Multi-year mean

**Method used for non-breeding/wintering numbers estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird atlas (Sovon 2018)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winter numbers

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

#### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Purple Swamphen / Porphyrio porphyrio**

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### **Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Single area

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

### Please select one of the options below

Single area

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Grey Crowned-crane / *Balearica regulorum*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

## Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

### Both options can be selected

Occasionally recorded, most likely escapes from collections

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

### Both options can be selected

Occasionally recorded, most likely escapes from collections

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum

- maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide

lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

## **Black Crowned-crane / Balearica pavonina**

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 3

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

#### **Population trend**

##### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### **Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

### **Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this**

**section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status****National Legal Status****Does the species have any national protection or other legal status?**

No

**National Red List Status****Does the species have any National Red List status?**

No

**Demoiselle Crane / *Anthropoides virgo*****Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size****Breeding numbers****Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)****Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)****Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season****Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

#### **Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

#### **Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Yellow-billed Stork / Mycteria ibis

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

## **African Spoonbill / Platalea alba**

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

### **Population size**

#### **Breeding numbers**

##### **Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

##### **Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

##### **Both options can be selected**

Occasionally recorded, most likely escapes from collections

##### **Minimum recorded number of occasional visitors**

>>> 0

##### **Maximum recorded number of occasional visitors**

>>> 1

##### **Period** [Period (years) of the records above]

>>> 2013-2018

##### **Last year of record** [Year when the species was last recorded in the country]

>>> 2014

#### **Additional information (optional)**

##### **Please provide any additional or complementary information to the data provided above in this section, if available**

>>> winter numbers

#### **Population trend**

##### **Breeding numbers**

###### **Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

##### **Trend estimate of occasional records**

###### **Trend period** [Years]

>>> 2007-2018

###### **Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Single area

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### African Sacred Ibis / *Threskiornis aethiopicus*

## Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

Breeding numbers estimate is available

### Latest breeding numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2017

### Population unit

Pairs

**Numbers** [Raw, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	0
Maximum	1
Best single value	

### Type of estimate

Best estimate

### Method used for breeding numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon NEM (Sovon, CBS and provinces) and Bird atlas (Sovon 2018)

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

Non-breeding/wintering numbers estimate is available

### Latest non-breeding/wintering numbers estimate

**Year or period** [Year or period when numbers were last determined]

>>> 2013-2015

**Numbers** [Individuals. Raw numbers, i.e. not rounded). Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	1
Maximum	10
Best single value	

### Type of estimate

Multi-year mean

## Method used for non-breeding/wintering numbers estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon Bird Atlas (Sovon 2018)

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Winter numbers

## Population trend

### Breeding numbers

**Please indicate whether:**

Short-term and/or long-term breeding numbers trend estimate is available

**Please indicate whether estimate of the breeding numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Breeding numbers trend estimate is available for:

Short-term trend

Long-term trend

### Short-term breeding numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

### Short-term trend direction

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-99
Maximum	-76
Best single value	-95

### Method used for short-term breeding numbers trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 2001-2017

### Long-term trend direction

Stable

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	-52
Maximum	71
Best single value	-8

**Method used for long-term breeding numbers trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> NEM (Sovon, RWS, CBS, provinces)

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> settled as a breeding bird in the Netherlands in 2001

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Short-term and/or long-term non-breeding/wintering numbers trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering numbers short-term (last 12 years) and/or long-term (since ca. 1980) trend is available**

Non-breeding/wintering numbers trend estimate is available for:

Short-term trend

Long-term trend

**Short-term non-breeding/wintering numbers trend estimate**

**Trend period** [2007-2018 (12-year? rolling time window) or a period as close as possible to that]

>>> 2003-2014

**Short-term trend direction**

Decreasing

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for short-term non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

**Long-term non-breeding/wintering numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1980-2014

## Long-term trend direction

Uncertain

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Method used for long-term non-breeding/wintering numbers trend estimate

Based mainly on expert opinion with very limited data

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> established a small population between 2000-2010. Recently present in very low numbers

## Range size and trend

### Breeding range

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the breeding range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Short-term trend of the range

Long-term trend of the range

### Breeding range size

**Year or period** [Year or period when breeding range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

>>> 100

### Method used for range size estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

## Short-term breeding range trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]

>>> 2006-2017

## Short-term trend direction

Stable

**Short-term trend magnitude** [Percentage change over the period indicated above. Provide either

interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	0

#### Method used for short-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon

#### Long-term breeding range trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 2001-2017

#### Long-term trend direction

Decreasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	-50

#### Method used for long-term range trend estimate

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> van Kleunen (2017a)

#### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> settled as a breeding bird in 2001

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

Range size, short-term and/or long-term range trend estimate is available

**Please indicate whether estimate of the non-breeding/wintering range size and short-term (last 12 years) and/or long-term (since ca. 1980) range trend is available**

The following estimates are available:

Range size

Long-term trend of the range

#### Non-breeding/wintering range size

**Year or period** [Year or period when non-breeding/wintering range size was last determined]

>>> 2013-2015

**Range size** [Total surface area of the range size in km<sup>2</sup>]

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> range size = 300; Sovon (2018); winter distribution

### **Long-term non-breeding/wintering range trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]

>>> 1979-2015

**Long-term trend direction**

Increasing

**Long-term trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Method used for long-term range trend estimate**

Complete survey or a statistically robust estimate

**Sources of information** [Provide bibliographic references, link to Internet sites, expert contact details, etc.]

>>> Sovon (2018)

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> absent around 1980

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

#### **Assessment of risks posed by the non-native species**

**Please select all relevant risks from the list below**

**Please select all relevant risks from the list below**

Predation of native birds, eggs or young

#### **Predation of native birds, eggs or young**

Is predation a regularly observed behaviour?

No

Please provide details and references, where available

>>> not recorded in the Netherlands, but is considered a risk if a population establishes (Smits et al. 2010)

## **Scarlet Ibis / Eudocimus ruber**

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

### **Population size**

### **Breeding numbers**

#### **Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### **Occasional records during breeding season (non-breeders)**

#### **Both options can be selected**

Occasionally recorded, most likely escapes from collections

#### **Minimum recorded number of occasional visitors**

>>> 0

#### **Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### **Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### **Occasional records during non-breeding/wintering season**

#### **Both options can be selected**

Occasionally recorded, most likely escapes from collections

#### **Minimum recorded number of occasional visitors**

>>> 0

#### **Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### **Population trend**

### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## Dalmatian Pelican / *Pelecanus crispus*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors

>>> 0

Maximum recorded number of occasional visitors

>>> 1

Period [Period (years) of the records above]

>>> 2013-2018

Last year of record [Year when the species was last recorded in the country]

>>> 2017

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

Both options can be selected

Occasionally recorded, most likely escapes from collections

Minimum recorded number of occasional visitors

>>> 0

Maximum recorded number of occasional visitors

>>> 2

Period [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

## Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Pink-backed Pelican / *Pelecanus rufescens*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below

Localised (less than 10 sites)

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

Does the species have any national protection or other legal status?

No

### National Red List Status

Does the species have any National Red List status?

No

## Great White Pelican / *Pelecanus onocrotalus*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

Both options can be selected

Occasionally recorded, most likely escapes from collections

## Minimum recorded number of occasional visitors

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> some records may concern vagrant birds

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely natural vagrants

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 1

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2013-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### **Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### **Trend of occasional records**

#### **Trend period** [Years]

>>> 2013-2018

#### **Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Range size and trend**

#### **Breeding range**

#### **Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Range of occasional records during breeding season (non-breeders)**

#### **Please select one of the options below**

Localised (less than 10 sites)

#### **Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

#### **Trend period** [Years]

>>> 2007-2018

#### **Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum

- maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

**Spur-winged Lapwing / *Vanellus spinosus***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely natural vagrants

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> one record, accepted as vagrant bird

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide

lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### **Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### **Trend of occasional records**

#### **Trend period [Years]**

>>> 2007-2018

#### **Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Range size and trend**

#### **Breeding range**

##### **Please indicate whether:**

The species does not occur in the country during the breeding season

#### **Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

##### **Please indicate whether:**

The species does not occur in the country during the non-breeding/wintering season

### **National legal and Red List status**

#### **National Legal Status**

##### **Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

##### **Does the species have any National Red List status?**

No

## **Brazilian Teal / Amazonetta brasiliensis**

### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

#### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

#### **Population trend**

##### **Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this**

**section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Philippine Duck / *Anas luzonica***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

## Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Indian Spot-billed Duck / *Anas poecilorhyncha***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Australian Shoveler / *Spatula rhynchotis*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Pink-eared Duck / *Malacorhynchus membranaceus***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 3

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 5

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

#### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

--	--

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### Cape Barren Goose / *Cereopsis novaehollandiae*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

#### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species does not occur in the country during the breeding season

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

#### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **Andean Goose / *Chloephaga melanoptera***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### **Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

### Both options can be selected

Occasionally recorded, most likely escapes from collections

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

#### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

#### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Ashy-headed Goose / *Chloephaga poliocephala***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Wandering Whistling-duck / *Dendrocygna arcuata***

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

#### Please indicate whether:

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

#### Please select one of the options below

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

### African Pygmy-goose / *Nettapus auritus*

#### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

### Breeding numbers

#### Please indicate whether estimate of the breeding numbers is available

The species does not breed and does not occur in the country during the breeding season

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

#### Both options can be selected

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 1

#### Period [Period (years) of the records above]

>>> 2013-2018

#### Last year of record [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

#### Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

##### Please indicate whether:

The species does not occur in the country during the breeding season

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

##### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

#### Trend period [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

**Please indicate whether:**

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### National legal and Red List status

#### National Legal Status

**Does the species have any national protection or other legal status?**

No

#### National Red List Status

**Does the species have any National Red List status?**

No

## Cotton Pygmy-goose / *Nettapus coromandelianus*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

#### Minimum recorded number of occasional visitors

>>> 0

#### Maximum recorded number of occasional visitors

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species does not occur in the country during the non-breeding/wintering season

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

#### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

#### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species does not occur in the country during the non-breeding/wintering season

## Range size and trend

### Breeding range

#### Please indicate whether:

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

#### Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

### Please select one of the options below

Localised (less than 10 sites)

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Spur-winged Goose / *Plectropterus gambensis*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

#### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

#### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

#### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

#### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

#### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

#### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this**

**section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Masked Lapwing / Vanellus miles**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

**Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

### Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	

Best single value	
-------------------	--

## Range size and trend

### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Single area

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### **National legal and Red List status**

#### **National Legal Status**

**Does the species have any national protection or other legal status?**

No

#### **National Red List Status**

**Does the species have any National Red List status?**

No

### **African Openbill / *Anastomus lamelligerus***

#### **Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

#### **Population size**

#### **Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

#### **Occasional records during non-breeding/wintering season**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

## Additional information (optional)

Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records

## Population trend

### Breeding numbers

Please indicate whether:

The species does not occur in the country during the breeding season

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

## Trend of occasional records

Trend period [Years]

>>> 2007-2018

Trend direction

Uncertain

Trend magnitude [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Range size and trend

### Breeding range

Please indicate whether:

The species does not occur in the country during the breeding season

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

Please indicate whether:

The species is recorded only occasionally during the non-breeding/wintering season

## Range of occasional records during non-breeding/wintering season (non-breeders)

Please select one of the options below

Single area

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

&gt;&gt;&gt; 2007-2018

**Trend direction** Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

&gt;&gt;&gt; Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status****National Legal Status**

**Does the species have any national protection or other legal status?**

 No**National Red List Status**

**Does the species have any National Red List status?**

 No**Australian Pelican / *Pelecanus conspicillatus*****Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

 The species occurs in the country**Population size****Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

 The species does not breed and does not occur in the country during the breeding season**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

 The species is recorded only occasionally during the non-breeding/wintering season**Occasional records during non-breeding/wintering season**

**Both options can be selected**

 Occasionally recorded, most likely escapes from collections**Minimum recorded number of occasional visitors**

&gt;&gt;&gt; 0

**Maximum recorded number of occasional visitors**

&gt;&gt;&gt; 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2017

### **Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### **Population trend**

#### **Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

#### **Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### **Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### **Range size and trend**

#### **Breeding range**

**Please indicate whether:**

The species does not occur in the country during the breeding season

#### **Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### **Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Single area

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Hamerkop / Scopus umbretta

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species does not breed and does not occur in the country during the breeding season

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 0

**Period** [Period (years) of the records above]

>>> 2013-2018

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> 1 ex observed in 2007 and 1 ex in 2008

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species does not occur in the country during the breeding season

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## White Ibis / *Eudocimus albus*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

### Population size

### Breeding numbers

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

### Occasional records during breeding season (non-breeders)

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 2

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species is recorded only occasionally during the non-breeding/wintering season

### Occasional records during non-breeding/wintering season

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2018

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> non-breeding maximum based on occasional records

### Population trend

#### Breeding numbers

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

**Trend of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Range size and trend**

**Breeding range**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

**Range of occasional records during breeding season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**Non-breeding/wintering range**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

**Range of occasional records during non-breeding/wintering season (non-breeders)**

**Please select one of the options below**

Localised (less than 10 sites)

**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

Yes

**Trend period [Years]**

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Additional information (optional)**

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

**Puna Ibis / Plegadis ridgwayi**

**Confirmation of species occurrence**

Please confirm the occurrence of the species in the country

The species occurs in the country

**Population size**

**Breeding numbers**

**Please indicate whether estimate of the breeding numbers is available**

The species is recorded only occasionally during the breeding season, but does not breed

**Occasional records during breeding season (non-breeders)**

**Both options can be selected**

Occasionally recorded, most likely escapes from collections

**Minimum recorded number of occasional visitors**

>>> 0

**Maximum recorded number of occasional visitors**

>>> 1

**Period** [Period (years) of the records above]

>>> 2013-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2014

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether estimate of the non-breeding/wintering numbers is available**

The species does not occur in the country during the non-breeding/wintering season

**Population trend**

**Breeding numbers**

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

**Trend estimate of occasional records**

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

**Non-breeding/wintering numbers**

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species does not occur in the country during the non-breeding/wintering season

**Range size and trend**

## Breeding range

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

## Range of occasional records during breeding season (non-breeders)

### Please select one of the options below

Single area

## Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

### Trend period [Years]

>>> 2007-2018

### Trend direction

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

## Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

## Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether:

The species does not occur in the country during the non-breeding/wintering season

## National legal and Red List status

### National Legal Status

**Does the species have any national protection or other legal status?**

No

### National Red List Status

**Does the species have any National Red List status?**

No

## Northern Bald Ibis / *Geronticus eremita*

### Confirmation of species occurrence

Please confirm the occurrence of the species in the country

The species occurs in the country

## Population size

## Breeding numbers

### Please indicate whether estimate of the breeding numbers is available

The species is recorded only occasionally during the breeding season, but does not breed

## Occasional records during breeding season (non-breeders)

### Both options can be selected

Occasionally recorded, most likely natural vagrants

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 2

### Period [Period (years) of the records above]

>>> 2013-2018

### Last year of record [Year when the species was last recorded in the country]

>>> 2016

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> occasionally recorded, originate from Austrian reintroduction scheme

## Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

### Please indicate whether estimate of the non-breeding/wintering numbers is available

The species is recorded only occasionally during the non-breeding/wintering season

## Occasional records during non-breeding/wintering season

### Both options can be selected

Occasionally recorded, most likely natural vagrants

### Minimum recorded number of occasional visitors

>>> 0

### Maximum recorded number of occasional visitors

>>> 2

### Period [Period (years) of the records above]

>>> 2013-2018

### Last year of record [Year when the species was last recorded in the country]

>>> 2016

## Additional information (optional)

### Please provide any additional or complementary information to the data provided above in this section, if available

>>> non-breeding maximum based on occasional records;  
occasionally recorded, originate from Austrian reintroduction scheme

## Population trend

## Breeding numbers

### Please indicate whether:

The species is recorded only occasionally during the breeding season, but does not breed

Is an estimate of trends of occasional records available?

Yes

### Trend estimate of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Non-breeding/wintering numbers

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

Yes

### Trend of occasional records

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Range size and trend

#### Breeding range

**Please indicate whether:**

The species is recorded only occasionally during the breeding season, but does not breed

#### Range of occasional records during breeding season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

### Non-breeding/wintering range

[Non-breeding/wintering distribution in the case of non-native waterbird species is defined as any areas where the species occurs outside of the breeding season]

**Please indicate whether:**

The species is recorded only occasionally during the non-breeding/wintering season

### Range of occasional records during non-breeding/wintering season (non-breeders)

**Please select one of the options below**

Localised (less than 10 sites)

### Trend of the range of occasional records

Is the trend of the range of occasional records available?

Yes

**Trend period** [Years]

>>> 2007-2018

**Trend direction**

Uncertain

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally provide lower and upper confidence limits in the data fields for minimum and maximum and indicate them as such.]

Minimum	
Maximum	
Best single value	

### Additional information (optional)

**Please provide any additional or complementary information to the data provided above in this**

**section, if available**

>>> Expert estimation; source: NDFF (Waarneming.nl, Telmee.nl)

**National legal and Red List status**

**National Legal Status**

**Does the species have any national protection or other legal status?**

No

**National Red List Status**

**Does the species have any National Red List status?**

No

## 5. CONFIRMATION

### Confirmation of information verification and approval for submission.

#### **\*Please confirm:**

In addition a scanned copy of an official letter from the relevant state institution, approving the report for submission, can be attached.

I declare that the information provided in the Report on the population size and trend of AEWA-listed (native) and non-native waterbird species in the Agreement area for the period 2013-2018 has been verified and the report has been approved for submission by the appropriate state institution in the country.

#### **\*Date of submission**

>>> This report contains all data on AEWA populations that were not already reported under the EU BD Article 12 national reports of the Netherlands.