



## **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**

>>> Ukraine

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

>>> 01 January 2003

## 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

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### Other contributors to this report

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

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### 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.

#### Ukraine

#### White-headed Duck / *Oxyura leucocephala*

#### 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]

>>> 2009-2018

#### 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	150
Maximum	200
Best single value	

#### Type of estimate

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

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine.

Encyclopedia of migratory species of wild animals of Ukraine. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/vuxhpe9>

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

[Encyclopaedia](#) - Encyclopedia of migratory species of wild animals of Ukraine

[State cadastr](#) - State cadaster of Animal Kingdom

#### 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**

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]

>>> 2009-2018

**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	1
Maximum	73
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine.

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V.A.Kostiushyn, Yu.A.Andryushchenko.

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

Cadastre - State Cadastre of Animal Kingdom

**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

**Short-term breeding numbers trend estimate**

**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	

### 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

### Short-term passage numbers trend estimate

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

>>> 2009-2018

### 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	15
Maximum	20
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine.

Encyclopedia of migratory species of wild animals of Ukraine. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/vuxhpe9>

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

Encyclopedia - Encyclopedia of migratory species of wild animals of Ukraine

Cadastre - State Cadastre of Animal Kingdom

## Long-term passage numbers trend estimate

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

Yes

### Staging numbers trend estimate is available for:

Short-term trend

## Short-term staging numbers trend estimate

### 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	20
Best single value	

### Method used for short-term trend estimate

Based mainly on expert opinion with very limited data

## Long-term staging numbers trend 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]

### 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]

>>> 2009-2018

### 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	10
Maximum	15
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko.

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

#### Long-term trend direction

Fluctuating

**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

### Breeding range size and trend

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

No

### 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]

>>> 2018

#### 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	955
Maximum	1550
Best single value	

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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]

>>> 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	1917
Maximum	8285
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko.

## 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

### 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	15
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.]

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## Long-term breeding numbers trend estimate

### 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 extrapolation from a limited amount of data

## 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?**

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**

**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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko.

**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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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:

Short-term trend of the range

**Short-term breeding range trend estimate**

**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	15
Best single value	

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

Complete survey or a statistically robust estimate

**Long-term breeding range trend estimate**

**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]

>>> 2018

**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	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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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**

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]

>>> 2011-2018

**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	698
Maximum	1789
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko.

### 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]

>>> 1967

**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	
Maximum	11000
Best single value	

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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]

>>> 2013-2018

### 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	10
Maximum	100
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Long-term breeding 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	100
Maximum	400
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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**

Fluctuating

**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	70
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.]

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

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

>>> 2011-2017

**Long-term trend direction**

Fluctuating

**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	70
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A.Kostiushyn. Yu. A. Andryushchenko

**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?**

No

**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?**

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]

>>> 2009-2018

**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	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 20011-2017

**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	30
Maximum	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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

**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	250

Best single value	
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**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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**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**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	10
Maximum	30
Best single value	

**Method used for short-term 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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]

>>> 2009-2018

**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	10
Maximum	30
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Breeding range size and trend

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

No

### Red-breasted Goose / *Branta ruficollis*

#### 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]

>>> 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	50000
Maximum	70000
Best single value	

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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]

>>> 2011-2018

**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	20
Maximum	8524
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko.

**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]

>>> 2011-2018

**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	20
Maximum	8524
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko.

## 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]

>>> 2009

**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	
Maximum	15000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	20
Maximum	8524
Best single value	

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018

## Long-term staging numbers trend 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]

#### 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]

>>> 2009-2018

#### 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	20
Maximum	8524
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Breeding range size and trend**

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

No

**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]

>>> 2018

**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	5000
Maximum	7100
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?** 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** 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; 2011-2017

**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	399
Maximum	2581
Best single value	

**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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko.

**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; 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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### Long-term trend direction

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**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?**

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]

>>> 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	150000
Maximum	300000
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19

## 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

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]

>>> 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	200
Maximum	500
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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:

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?**

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

**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?**

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]

>>> 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	1000000
Maximum	1500000
Best single value	

**Type of estimate** Multi-year mean (of aggregated totals of daily counts per season)**Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>**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** 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; 2011-2017

**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	2711
Maximum	39265
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; Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko.

**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:** 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

## Short-term staging 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**

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**

Complete survey or a statistically robust estimate

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## Long-term staging numbers trend 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]

**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?**

No

**Lesser White-fronted Goose / Anser erythropus**

**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**

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]

>>> 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	30
Maximum	1080
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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:

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?

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]

>>> 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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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

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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

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**

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]

>>> 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	100
Maximum	700
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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:**

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?**

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]  
>>> 2007-2018

**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	10
Maximum	20
Best single value	

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

- Complete survey or a statistically robust estimate

**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**

- 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	

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

- Insufficient or no data available

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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]

>>> 2009-2018

### 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	105
Maximum	550
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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]

>>> 1975-2008

### 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	2058
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

#### 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	500
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

**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	
Maximum	
Best single value	4129

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>**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]

&gt;&gt;&gt; 2009-2018

**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	500
Maximum	2000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 1999, 2001, 2005, 2006

**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	10000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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 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]  
>>> 2009-2018

### 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	50
Maximum	400
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term breeding numbers trend estimate

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

>>> 1980-2018

### Long-term trend direction

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	100
Maximum	500
Best single value	

**Method used for short-term 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

### 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	100
Maximum	500
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

No

### 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

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]

>>> 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	20
Maximum	80
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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:**

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?**

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]

>>> 2011-2017

**Short-term trend direction**

Fluctuating

**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	6
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 /

Edited by V. A. Kostiusyn, Yu. A. Andryushchenko.

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19

September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of

Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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

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	

### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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**

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]

>>> 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.]

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Minimum	30
Maximum	100
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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:**

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?**

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

#### 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]

>>> 2009-2018

##### 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	45
Best single value	

##### Type of estimate

Multi-year mean

##### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?

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]

>>> 2009-2018

### 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	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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

**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	2000
Maximum	10000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko.

## 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]

>>> 1984-2008

**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	
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

### 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	10
Maximum	30
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### **Long-term breeding 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	10
Maximum	30
Best single value	20

#### **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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### **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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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]

>>> 2009-2018

**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	20
Maximum	30
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**Smew / Mergellus albellus**

**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]

>>> 2000-2018

#### 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	
Maximum	
Best single value	

#### Type of estimate

95% confidence interval

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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

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]

>>> 2011-2017

**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	800

Maximum	9000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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:**

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?**

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

#### Breeding range size and trend

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

No

### Goosander / *Mergus merganser*

## 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]

>>> 2018

#### 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	25
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?

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

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]

>>> 2011-2017

**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	900
Maximum	3263
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V.A.Kostiushyn, Yu.A.Andryushchenko.

**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]

>>> 2007-2018

**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	10
Maximum	50
Best single value	30

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Long-term breeding 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	100
Maximum	200
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?

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**

- 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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]

>>> 2012-2018

##### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### 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]

>>> 1966-2010

##### 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	10
Maximum	878
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2012-2018

#### 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	21
Maximum	3512
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2012-2018

**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	61
Maximum	3770
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2012-2018

### 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	5
Maximum	15
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1966-2010

**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	10
Maximum	80
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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

**Short-term staging numbers trend estimate**

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

>>> 2012-2018

**Short-term trend direction**

Fluctuating

**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	80
Best single value	

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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

**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]

>>> 2012-2018

**Short-term trend direction**

Fluctuating

**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	60
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

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

#### **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?**

No

#### **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]

>>> 2018

#### **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	1400
Maximum	1700
Best single value	

#### **Type of estimate**

Multi-year mean

#### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19

## 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?

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

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]

>>> 2011-2017

**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	700
Maximum	19000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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]  
>>> 2011-2018

**Short-term trend direction**

- Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2018

**Long-term trend direction**

- Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**Ruddy Shelduck / *Tadorna ferruginea***

**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]

>>> 2009-2018

**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	566
Maximum	700
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2006, 2014

### 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	350
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

## 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	300
Maximum	11500
Best single value	

#### Type of estimate

Multi-year mean (of seasonal maximum counts)

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### 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]

>>> 2009-2018

**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	250
Maximum	7900
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

## 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]

>>> 2009-2018

### 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	20
Maximum	25
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### Long-term trend direction

Fluctuating

**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	10
Maximum	50

Best single value	30
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**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	10
Maximum	200
Best single value	

**Method used for short-term 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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]

>>> 2009-2018

**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	10
Maximum	250
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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**

Complete survey or a statistically robust estimate

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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:

Short-term trend of the range

## Short-term breeding range trend estimate

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

>>> 2009-2018

**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	10
Maximum	20
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term breeding range trend estimate

**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]

>>> 2009-2018

**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	100
Maximum	300
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 1975-2000

**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	100-600
Maximum	3000-4000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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**

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]

>>> 2009-2018

**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	28
Maximum	10700
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko

**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]

>>> 1975

**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	
Maximum	
Best single value	3000

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### 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]

>>> 2009-2018

#### 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	30
Maximum	80
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

**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	10
Maximum	30
Best single value	20

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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]

>>> 2009-2018

**Short-term trend direction**

Fluctuating

**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	90
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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

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	

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

Insufficient or no data available

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?

No

### 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]

>>> 2018

#### 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	17300
Maximum	25900
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

## 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?

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

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]

>>> 2011-2017

**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	9000
Maximum	55000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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]

>>> 2010-2018

**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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term non-breeding/wintering 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	

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### **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?**

No

### **Ferruginous Duck / *Aythya nyroca***

#### **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]

>>> 2009-2018

#### **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	100
Maximum	200
Best single value	

#### **Type of estimate**

Multi-year mean

#### **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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### **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; 2000-2009

**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	600
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

&gt;&gt;&gt; 2009-2018

**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	1000
Maximum	1500
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**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	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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

**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]

>>> 2009-2018

#### 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	30
Maximum	70
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

#### Long-term trend direction

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### **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

### **Short-term staging numbers trend estimate**

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

>>> 2009-2018

**Short-term trend direction**

Unknown

**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 expert opinion with very limited data

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

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### **Long-term staging numbers trend 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]

**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**

Unknown

**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**

Insufficient or no data available

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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**

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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**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]

>>> 2018

**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	3000
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 2011-2017

**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	25000
Maximum	150000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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]

>>> 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**

Based mainly on extrapolation from a limited amount of data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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**

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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

No

## 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?**

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**

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]

>>> 2011-2017

**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	50
Maximum	5320
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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]

>>> 2000-2010

**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	20000
Maximum	100000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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

**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]

>>> 2011-2017

**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	90
Maximum	95
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

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

**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]

>>> 2018

### 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	22500
Maximum	35400
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?**

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**

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]

>>> 2011-2017

**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	0
Maximum	268
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn. Yu. A. Andryushchenko

## 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]

>>> 2010-2018

### 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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### 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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

**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]

>>> 2018

### 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	1900
Maximum	3100
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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]

>>> 2011-2017

**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	1
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Maximum	23
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko

### 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]

>>> 2010-2018

#### 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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### Long-term breeding numbers trend estimate

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

>>> 1980-2018

**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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

**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]

>>> 2009-2018

##### 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	500
Maximum	1730
Best single value	

##### Type of estimate

Multi-year mean

##### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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]

>>> 2006-2009

##### 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	650
Maximum	1400
Best single value	

##### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2015

#### 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	21
Maximum	3182
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### 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	
Maximum	
Best single value	1045

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Changes in the staging numbers estimates

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

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]

>>> 2009-2018

**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	0
Maximum	145
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

## 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]

>>> 2006-2009

**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	0
Maximum	11
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]  
>>> 2009-2018

**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	10
Maximum	20
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**Short-term trend direction**

Fluctuating

**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	25
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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

**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]

>>> 2009-2018

**Short-term trend direction**

Fluctuating

**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	25
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

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

**Breeding range size and trend**

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

No

**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]

>>> 2018

**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	
Maximum	
Best single value	10

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of

## 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?**

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**

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]

>>> 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	2000
Maximum	30000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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:**

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?**

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?**

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?**

No

## 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]

>>> 2018

#### 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	72000
Maximum	112000
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>**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?** 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** 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; 2011-2017

**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	130000
Maximum	253000
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.]>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>**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]

>>> No period was indicated in the source of information

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### **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?**

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?**

No

### **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]

>>> 2018

#### **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	900
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?

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

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]

>>> 2011-2017

**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	several
Maximum	700
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.]

## 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]

>>> 2010-2018

### Short-term trend direction

Fluctuating

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### 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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

**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]

>>> 2018

**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	1500
Maximum	2500
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

 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**

 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]

>>> 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	1500
Maximum	4000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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

#### Short-term breeding numbers trend estimate

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

>>> 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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### Long-term breeding numbers trend estimate

#### 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?**

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?**

No

**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]

>>> 2018

**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	3500
Maximum	11000
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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]

>>> 2011-2017

**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	several individuals
Maximum	100
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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:**

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?**

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?**

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?**

No

**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]

>>> 2018

**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	5000

Maximum	9000
Best single value	

### Type of estimate

- Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?

- 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]

>>> 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	
Maximum	several thousand
Best single value	

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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]

>>> 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	20
Maximum	50
Best single value	

### Type of estimate

95% confidence interval

### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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]

>>> 2007-2019

### 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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

## **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]

>>> 2018

#### **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	14500
Maximum	16700
Best single value	

#### **Type of estimate**

Multi-year mean

#### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### **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?**

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**

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]

>>> 2011-2017

**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	several individuals
Maximum	392
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

**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]

>>> 2007-2018

**Short-term trend direction**

Fluctuating

**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	20
Best single value	15

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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	10
Maximum	30
Best single value	20

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

### Horned Grebe / Podiceps auritus

#### 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]

>>> 2014-2018

#### 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	5
Best single value	2

#### Type of estimate

Minimum

#### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### 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?**

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**

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**

No 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]

>>> 2007-2018

**Short-term trend direction**

Fluctuating

**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	5
Best single value	2

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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	0
Maximum	5
Best single value	2

#### **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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### **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?**

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?**

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]

>>> 2018

**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	10000
Maximum	16500
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?** 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** 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; 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	37
Maximum	112
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

### 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]

>>> 2007-2019

#### 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	10
Maximum	20
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### Long-term breeding numbers trend estimate

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

>>> 1980-2018

#### Long-term trend direction

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

**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]

>>> 2018

### 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	24000
Maximum	39000
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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]

>>> 2011-2017

**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	
---------	--

Maximum	several individuals
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko

### 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

#### 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

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 expert opinion with very limited data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### Long-term breeding numbers trend estimate

#### 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?**

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?**

No

**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]

>>> 2018

**Population unit**

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	83400
Maximum	154000
Best single value	

**Type of estimate**

Multi-year mean

### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### **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?**

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**

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**

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?**

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?**

No

### **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]

>>> 2018

#### **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	26000
Maximum	43000
Best single value	

#### **Type of estimate**

Multi-year mean

#### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### **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?**

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**

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

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]

>>> 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

Based mainly on expert opinion with very limited data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

#### Long-term trend direction

Fluctuating

**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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

No

## 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]

>>> 2018

#### 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	26000
Maximum	43000
Best single value	

### **Type of estimate**

Multi-year mean

### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### **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?**

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**

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**

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?**

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?**

No

**Baillon's Crake / Zapornia pusilla**

**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**

The species does not occur in the country during the non-breeding/winter season

**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?**

No

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

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

No

### **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]

>>> 2018

#### **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	40000
Maximum	66000
Best single value	

#### **Type of estimate**

Multi-year mean

#### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### **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?**

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**

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]

>>> 2011-2017

**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	
Maximum	several individuals
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

**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:**

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?**

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?

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

## 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]

>>> 2011-2017

### 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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

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

### 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?

No

## Common Coot / *Fulica atra*

### 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]

>>> 2018

**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	70000
Maximum	90000
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

 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**

 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]

>>> 2011-2017

**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	3000
Maximum	39500
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

### **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

#### **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?**

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?**

No

### **Demoiselle Crane / *Anthropoides virgo***

## 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]

>>> 2015-2018

#### 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	130
Maximum	160
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2014

#### 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	160
Maximum	180
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 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	1500
Maximum	1600
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2017

### 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	1200
Maximum	1300
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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 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 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]

>>> 2009-2018

### 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	10
Maximum	20
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1994-2018

**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	30

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	10
Maximum	20
Best single value	

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term staging numbers trend 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]

**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?**

No

**Common Crane / Grus grus**

**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]

>>> 2009-2018

**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	440
Maximum	550
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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; 1970-2000

**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	500
Maximum	850
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**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	50000
Maximum	80000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 1970-2000

**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.]

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Minimum	70000
Maximum	120000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

**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	5
Maximum	32
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 /

## 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]

>>> 1990-2010

**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
Maximum	20
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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

## 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]

>>> 2009-2018

### 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	25
Maximum	40
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding 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	10
Maximum	30
Best single value	20

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2009-2018

### 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	20
Maximum	30
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term staging numbers trend 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]

**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

### 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]  
>>> 2009-2018

### Short-term trend direction

Unknown

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

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

#### **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?**

No

### **Red-throated Loon / *Gavia stellata***

#### **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**

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**

No non-breeding/wintering numbers estimate is available

#### **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?**

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

**Breeding range size and trend**

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

No

**Arctic Loon / *Gavia arctica***

**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]

>>> 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	
Maximum	
Best single value	100000

**Type of estimate**

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

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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**

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]

>>> 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	
Maximum	
Best single value	several thousands

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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:**

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?**

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

**Breeding range size and trend**

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

No

**Black Stork / *Ciconia nigra***

**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]

>>> 2010-2018

**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	900
Maximum	1100
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

## 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	400
Maximum	500
Best single value	

## Type of estimate

Multi-year mean

## 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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**

>>> [http://zuotov.blogspot.com/p/blog-page\\_19.html](http://zuotov.blogspot.com/p/blog-page_19.html)

## 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]

>>> 2009-2018

**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	2000
Maximum	3000
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.]

>>> Running of the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://shorturl.at/djrH7>

**Previous staging numbers estimate**

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

No previous staging numbers estimate is available

**Additional information (optional)**

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

>>> [http://zuotov.blogspot.com/p/blog-page\\_19.html](http://zuotov.blogspot.com/p/blog-page_19.html)

**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]  
>>> 2009-2018

#### 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	85
Maximum	100
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.]

>>> Running of the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://shorturl.at/djrH7>

### Long-term breeding 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	200
Maximum	400
Best single value	300

#### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Additional information (optional)

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

>>> [http://zuotov.blogspot.com/p/blog-page\\_19.html](http://zuotov.blogspot.com/p/blog-page_19.html)

### 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?**

No

**White Stork / Ciconia ciconia**

**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]

>>> 2018

**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	26200
Maximum	32400
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?**

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**

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]

>>> 2010-2018

**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	
Maximum	several individuals
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

### 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]  
>>> 2007-2018

**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	10

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding 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	60
Maximum	100
Best single value	80

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

**Eurasian Spoonbill / Platalea leucorodia**

**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]

>>> 2009-2018

**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	
Maximum	175
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 1994-2009

### 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	270
Maximum	300
Best single value	

### Type of estimate

95% confidence interval

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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

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**

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]

>>> 2009-2018

**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	40
Maximum	45
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1994-2018

**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	

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

**Breeding range size**

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

>>> 1994-2018

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

>>> No data

**Method used for range size 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of

## Short-term breeding range trend estimate

## Long-term breeding range trend estimate

## Glossy Ibis / Plegadis falcinellus

### 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]

>>> 2009-2018

#### 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	456
Maximum	646
Best single value	

#### Type of estimate

95% confidence interval

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 1994-2009

#### 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	1200
Maximum	1500

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

**Type of estimate**

Multi-year mean

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**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	1329
Maximum	1650
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018

## 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]

>>> 2009-2018

### 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	50
Maximum	70
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### 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	15

### **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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### **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?**

No

### **Eurasian Bittern / *Botaurus stellaris***

#### **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]

>>> 2018

#### **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	10000
Maximum	15000
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 2010-2018

**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	
Maximum	several individuals
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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]

>>> 2010-2018

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### Long-term breeding numbers trend estimate

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

>>> 1980-2018

#### 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	25
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### **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?**

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?**

No

### **Common Little Bittern / *Ixobrychus minutus***

#### **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]

>>> 2018

### 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	13200
Maximum	22300
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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**

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]

>>> 2007-2018

### 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 expert opinion with very limited data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## Long-term breeding numbers trend estimate

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

>>> 1980-2018

### Long-term trend direction

Fluctuating

**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	10
Maximum	30
Best single value	20

### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

No

**Black-crowned Night-heron / Nycticorax nycticorax**

**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]

>>> 2018

**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	10400
Maximum	12900
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 2010-2018

**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	
Maximum	several individuals
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

**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]  
>>> 2010-2018

#### Short-term trend direction

- Fluctuating

**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	to a large extent
Best single value	

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2018

#### Long-term trend direction

- Fluctuating

**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

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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?**

No

**Squacco Heron / *Ardeola ralloides***

**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]

>>> 2009-2017

**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	250
Maximum	500
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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

### 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	665
Maximum	750
Best single value	

### Type of estimate

Multi-year mean

### 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.]

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## 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]

>>> 2009-2017

## 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	800
Maximum	1200
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

## Short-term trend direction

Fluctuating

**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	35
Maximum	60
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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	10
Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

## **Grey Heron / Ardea cinerea**

### **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]

>>> 2018

#### **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	23800
Maximum	32900
Best single value	

#### **Type of estimate**

Multi-year mean

#### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### **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?**

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**

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]

>>> 2010-2018

**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	several dozens
Maximum	several hundreds
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V.A. Kostyushyn, Yu.A. Andryushchenko

**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]

>>> 2007-2018

**Short-term trend direction**

Fluctuating

**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	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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	50
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

## Purple Heron / *Ardea purpurea*

### 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]

>>> 2018

#### 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	6700
Maximum	11900
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?**

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**

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**

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]

>>> 2010-2018

**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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**Long-term breeding 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	10
Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**Great White Egret / Ardea alba**

**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; 2018

**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	4500
Maximum	7300
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?** 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** 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; 2011-2017

**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	several individuals
Maximum	more than one hundred

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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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]

>>> 2007-2018

#### 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	10
Maximum	20
Best single value	15

#### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### Long-term breeding numbers trend estimate

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

>>> since 1960th

## 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 extrapolation from a limited amount of data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?

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?

No

## Little Egret / Egretta garzetta

## 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]

>>> 2018

### 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	4100
Maximum	4600
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?

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

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]

>>> 2010-2018

**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	
Maximum	several individuals
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V.A. Kostyushyn, Yu.A. Andryushchenko

### 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]

>>> 2007-2018

#### Short-term trend direction

Fluctuating

**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	20
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## Long-term breeding 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	50
Maximum	100
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?

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:

Long-term trend of the range

**Short-term breeding range trend estimate**

**Long-term breeding range trend estimate**

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

>>> since 1960th

**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 extrapolation from a limited amount of data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**Dalmatian Pelican / *Pelecanus crispus***

**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]

>>> 2009-2018

**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	23
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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; 1999-2009

**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	14
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

 The nature of change is not known**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]

>>> 2009-2018

**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	0
Maximum	230
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2000-2004

**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	47
Maximum	118
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of

## 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 improved knowledge/more accurate data

**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]

>>> 2009-2018

**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	3
Maximum	22
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V.A. Kostiushyn, Yu.A. Andryushchenko

## 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]

>>> 1985-2009

**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	0
Maximum	2
Best single value	

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**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	50
Maximum	100
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.]

## Long-term breeding 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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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

## Short-term staging 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

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	50
Maximum	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### **Long-term staging numbers trend 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]

**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

#### **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]

>>> 2009-2018

##### **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	50
Maximum	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

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

## 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?**

No

## Great White Pelican / *Pelecanus onocrotalus*

### 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]

>>> 2009-2018

#### 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	130 chicks
Maximum	550 chicks
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### 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]

>>> 1995-2008

#### 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.]

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Minimum	2
Maximum	348
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2015

**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	4442
Maximum	13546
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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, 2006

## 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	2990
Maximum	14296
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Changes in the staging numbers estimates

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

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]  
>>> 2009-2018

**Short-term trend direction**

Fluctuating

**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	25
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1980-2019

**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	1000
Maximum	1000
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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**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; 2009-2018

**Short-term trend direction** Fluctuating**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	25
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.]>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>**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?** No**Pygmy Cormorant / *Microcarbo pygmaeus*****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; 2009-2018

**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(350)
Maximum	1000(1300)
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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; 2002

**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	?
Maximum	3000
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**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	124(3000)
Maximum	8794(10000)
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

&gt;&gt;&gt; 2009-2018

**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	21(200)
Maximum	521(1000)
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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; 1999-2000

**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	
Maximum	2000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**Short-term trend direction**

Fluctuating

**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	60
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding 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	20
Maximum	50

Best single value	
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**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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

**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]

>>> 2009-2018

**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	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

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

#### 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?**

No

### Great Cormorant / *Phalacrocorax carbo*

#### 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]

>>> 2018

#### 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	65000
Maximum	75000
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?** 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** 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; 2011-2017

**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	800
Maximum	2000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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]

>>> 2011-2017

### 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 extrapolation from a limited amount of data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding 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	1000
Maximum	2000
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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:

Short-term trend of the range

**Short-term breeding range trend estimate**

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

>>> 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 range 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**Long-term breeding range trend estimate**

**Eurasian Oystercatcher / Haematopus ostralegus**

**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]

>>> 2009-2018

### 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	370
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### 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	650
Maximum	800
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

**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	700
Maximum	1900
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

**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	700
Maximum	900
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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

**Short-term breeding numbers trend estimate**

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

>>> 2009-2018

**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.]

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Minimum	60
Maximum	80
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.]

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### Long-term breeding numbers trend estimate

#### 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?**

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?**

No

### Pied Avocet / *Recurvirostra avosetta*

#### 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; 2009-2018

**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	610
Maximum	2250
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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

**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	5000
Maximum	7000
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**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	4500
Maximum	9500
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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

**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	7000
Maximum	10000
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

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]

>>> 2009-2018

#### 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	30
Maximum	80
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### 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	50
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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

## Short-term staging numbers trend estimate

**Trend period** [2007-2018 (12-year rolling time window) or a period as close as possible to that]  
>>> 2009-2018

### Short-term trend direction

Fluctuating

**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	35
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term staging numbers trend 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]

**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?**

No

## Black-winged Stilt / *Himantopus himantopus*

### 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]

>>> 2009-2018

#### 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	800
Maximum	1560
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### 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	8500
Maximum	10000
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

### 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	2200
Maximum	5200
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]  
>>> 2009-2018

### 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	80
Maximum	90
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term breeding numbers trend estimate

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

>>> 1980-2018

### Long-term trend direction

Fluctuating

**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	10
Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

No

**Grey Plover / *Pluvialis squatarola***

**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**

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]

>>> 2011-2018

**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	5
Maximum	62
Best single value	several tens

## 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

## 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:**

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?**

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

### Breeding range size and trend

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

No

## Eurasian Dotterel / *Eudromias morinellus*

### 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**

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**

The species does not occur in the country during the non-breeding/winter season

## 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?**

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?**

No

## Common Ringed Plover / *Charadrius hiaticula*

### 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]

>>> 2016-2018

### 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

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2000-2009

### 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	9-10
Maximum	14-15
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2012-2018

**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	800
Maximum	2500
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

**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	50
Maximum	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate**

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

>>> 1995-2019

**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	50

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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

No

## Little Ringed Plover / *Charadrius dubius*

### 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]

>>> 2018

#### 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	10600
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?

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

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

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]

>>> 2007-2018

#### Short-term trend direction

Fluctuating

**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	20
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### **Long-term breeding numbers trend estimate**

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

>>> 1980-2018

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

Fluctuating

**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	10
Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### **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?**

No

**Kentish Plover / Charadrius alexandrinus**

**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]

>>> 2009-2018

**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	340
Maximum	750
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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

**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	1750
Maximum	2150
Best single value	

**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.]

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**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]

The nature of change is not known

**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]

>>> 2009-2018

**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	910
Maximum	1820
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

### 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	70
Maximum	80
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term breeding numbers trend estimate

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

>>> 1980-2019

### 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	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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 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.]

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### Long-term staging numbers trend 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]

**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?**

No

### Northern Lapwing / *Vanellus vanellus*

#### 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]

>>> 2018

#### 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	
Maximum	
Best single value	30000

#### Type of estimate

Multi-year mean

#### 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.]

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#### 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]

>>> 1994-2003

**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	65000
Maximum	124000
Best single value	

**Type of estimate**

Multi-year mean

**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.]

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**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**

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**

No 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]

>>> 1994-2018

### 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	75
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.]

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### Long-term breeding numbers trend estimate

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

>>> 1980-2019

### 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	200
Maximum	300
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.]

### **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?**

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?**

No

### **Whimbrel / Numenius phaeopus**

#### **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]

>>> 2009-2018

### 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	150
Maximum	500
Best single value	

### Type of estimate

Minimum

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### 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	1000
Maximum	2000
Best single value	

### Type of estimate

Multi-year mean (of seasonal maximum counts)

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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**

The species does not occur in the country during the non-breeding/winter season

**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

**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	75
Maximum	85
Best single value	

**Method used for short-term 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term staging numbers trend 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]

#### 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?

No

## Slender-billed Curlew / *Numenius tenuirostris*

### 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]

>>> 2009-2018

### 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	0
Maximum	0
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018

## Previous staging numbers estimate

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

No previous staging numbers estimate is available

## Additional information (optional)

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

>>> There are no reliable data on the species findings during 2009-2018

## 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:

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?

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?

No

## Eurasian Curlew / *Numenius arquata*

### 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]

>>> 2009-2018

**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	22
Maximum	33
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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?**

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]

>>> 2009-2018

**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	505
---------	-----

Maximum	730
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

**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	10
Maximum	221
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostushyn, Yu. A. Andryushchenko

### 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]

>>> 2009-2018

### 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

Complete survey or a statistically robust estimate

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

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

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

>>> 1990-2019

### 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	10
Maximum	30
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.]

### **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?**

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?**

No

## **Bar-tailed Godwit / *Limosa lapponica***

### **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**

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**

The species does not occur in the country during the non-breeding/winter season

## 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?

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?

No

## Black-tailed Godwit / *Limosa limosa*

### 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]

>>> 2018

#### 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	13000
Maximum	15000
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?

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]

>>> 2010-2018

### 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	
Maximum	more than 10000
Best single value	

### Type of estimate

Minimum

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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

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

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]

>>> 2010-2018

#### 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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

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

>>> 1980-2019

#### 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	300

Maximum	500
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

No

## Ruddy Turnstone / *Arenaria interpres*

### 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]

>>> 2010-2018

### 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	
Maximum	up to 10000
Best single value	

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

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]

>>> 2011-2017

**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	
Maximum	several individuals
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011–2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko

### **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:**

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?**

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

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

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

No

### **Red Knot / *Calidris canutus***

#### **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]

>>> 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	
Maximum	
Best single value	several hundreds

### Type of estimate

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

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

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]

>>> 2011-2017

**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	3

Maximum	16
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko

### 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:**

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?**

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

#### Breeding range size and trend

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

No

### Ruff / *Calidris pugnax*

## 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]

>>> 2018

#### 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	several pairs
Maximum	several hundreds
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?

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

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

No non-breeding/wintering numbers estimate is available

### 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?**

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?**

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?**

No

## **Broad-billed Sandpiper / *Calidris falcinellus***

### **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]

>>> 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	3000
Maximum	5000
Best single value	

## Type of estimate

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

## Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

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

The species does not occur in the country during the non-breeding/winter season

## 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?

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?

No

## Curlew Sandpiper / *Calidris ferruginea*

### 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]

>>> 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	30000
Maximum	170000
Best single value	

#### Type of estimate

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

#### Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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**

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**

The species does not occur in the country during the non-breeding/winter season

**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?**

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?**

No

**Temminck's Stint / *Calidris temminckii***

**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]

>>> 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	
Maximum	up to 1000
Best single value	

### Type of estimate

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

### Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

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

The species does not occur in the country during the non-breeding/winter season

## 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?**

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?**

No

**Sanderling / Calidris alba**

**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]

>>> 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	5000
Maximum	10000
Best single value	

**Type of estimate**

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

**Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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**

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]

>>> 2011-2018

**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	3
Maximum	58
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

### 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:**

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?**

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

**Breeding range size and trend**

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

No

**Dunlin / Calidris alpina**

**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]

>>> 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	50000
Maximum	150000

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

### Type of estimate

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

### Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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

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]

>>> 2011-2017

**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	5
Maximum	1369
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

### 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:

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?

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

### Breeding range size and trend

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

No

## Little Stint / *Calidris minuta*

### 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]

>>> 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	10000
Maximum	20000
Best single value	

### Type of estimate

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

### Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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

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

The species does not occur in the country during the non-breeding/winter season

### 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?**

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?**

No

**Eurasian Woodcock / *Scolopax rusticola***

**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]

>>> 2018

**Population unit**

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	7600
Maximum	12800
Best single value	

**Type of estimate**

Multi-year mean

**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.]

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**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?**

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**

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]

>>> 2010-2018

**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	
Maximum	several tens
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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]

>>> 2009-2019

**Short-term trend direction**

Fluctuating

**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	15
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1990-2019

**Long-term trend direction**

Fluctuating

**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	10
Maximum	20
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?

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?

No

## Great Snipe / Gallinago media

### 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]

>>> 2018

##### Population unit

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	500
Maximum	700
Best single value	

##### Type of estimate

Multi-year mean

##### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?** 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** 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** 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]

>>> 2012-2019

**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	5
Maximum	10
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2019

**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	40
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### **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:

Long-term trend of the range

### **Short-term breeding range trend estimate**

### **Long-term breeding range trend estimate**

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

>>> since beginning of XXth century

## 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 range 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

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

>>> 2018

#### 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	13000
Maximum	15000
Best single value	

#### Type of estimate

Multi-year mean

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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?**

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**

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]

>>> 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	50
Maximum	100
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

**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]  
>>> 2009-2019

#### 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	10
Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Long-term breeding numbers trend estimate

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2019

#### 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	40
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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?**

No

**Jack Snipe / *Lymnocyptes minimus***

**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**

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]

>>> 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	
Maximum	several individuals
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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:**

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?**

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

#### Breeding range size and trend

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

No

## Red-necked Phalarope / Phalaropus lobatus

### 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]

>>> 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	5000
Maximum	1000
Best single value	

#### Type of estimate

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

#### Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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

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

The species does not occur in the country during the non-breeding/winter season

## 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?

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?

No

## Terek Sandpiper / *Xenus cinereus*

### 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]

>>> 2018

#### 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	500
Best single value	

## **Type of estimate**

Multi-year mean

## **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## **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?**

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**

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**

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?**

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:

Long-term trend of the range

### **Short-term breeding range trend estimate**

### **Long-term breeding range trend estimate**

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

>>> since 1970

### **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 extrapolation from a limited amount of data

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

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## **Common Sandpiper / *Actitis hypoleucos***

### **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]

>>> 2018

### **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	8300
Best single value	

### **Type of estimate**

Multi-year mean

### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### **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?**

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**

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**

No non-breeding/wintering numbers estimate is available

### **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?**

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?**

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?**

No

**Green Sandpiper / Tringa ochropus**

**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]

>>> 2018

**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	1400
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 2011-2017

**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	3
Maximum	several tens
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

**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]

>>> 2010-2018

### 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 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## Long-term breeding numbers trend estimate

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

>>> 1980-2019

### Long-term trend direction

Fluctuating

**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	10
Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

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?**

No

**Spotted Redshank / *Tringa erythropus***

**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]

>>> 2004

**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	
Maximum	

Best single value	684
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### **Type of estimate**

Best estimate

### **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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### **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**

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**

The species does not occur in the country during the non-breeding/winter season

### **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?**

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?**

No

**Common Greenshank / *Tringa nebularia***

**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]

>>> 2018

**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	25
Maximum	30
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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]

>>> 2004

## 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	
Maximum	
Best single value	3450

## 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## Previous staging numbers estimate

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

No previous staging numbers estimate is available

## Additional information (optional)

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

>>> 3450 individuals had been censused in the wetlands of Azov-Black Sea coastline in 2004

## 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	1
Maximum	5
Best single value	

## Type of estimate

95% confidence interval

## 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### **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

#### **Short-term breeding numbers trend estimate**

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

>>> 2009-2019

#### **Short-term trend direction**

Fluctuating

**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	15
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### **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?**

No

**Common Redshank / Tringa totanus**

**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]

>>> 2018

**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	14000
Maximum	23000
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 2011-2017

**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	
Maximum	several individuals
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiusyn, Yu. A. Andryushchenko

**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:**

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?** 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?** 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?** No**Wood Sandpiper / *Tringa glareola*****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; 2018

**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	300
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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**

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?**

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?**

No

## Marsh Sandpiper / *Tringa stagnatilis*

### 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]

>>> 2009-2018

##### 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

Minimum

##### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### 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

##### 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

Minimum

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

The nature of change is not known

#### 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]

>>> 2009-2018

#### 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	200
Maximum	900
Best single value	

#### Type of estimate

Minimum

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### 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	2300
Maximum	2800
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

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

#### Short-term breeding numbers trend estimate

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

>>> 2009-2018

**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	95
Maximum	98
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**Long-term breeding numbers trend estimate****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**Short-term staging numbers trend estimate**

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

>>> 2009-2018

**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	70
---------	----

Maximum	90
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term staging numbers trend 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]

**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?**

No

### Collared Pratincole / Glareola pratincola

#### 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]

>>> 2009-2018

#### 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	120
Maximum	700
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 1980, 1994, 2000

### 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	400
Maximum	750
Best single value	

### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 2009-2018

### 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	800
Maximum	1800
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

**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]

>>> 2009-2018

**Short-term trend direction**

Fluctuating

**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	70
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.]

## Long-term breeding numbers trend estimate

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

>>> 1980-2018

### 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	50
Best single value	30

### 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

No

## Black-winged Pratincole / Glareola nordmanni

### 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]

>>> 2009-2018

##### 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	0
Best single value	

##### Type of estimate

Multi-year mean

##### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### 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]

>>> before 2009

##### 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	
Maximum	
Best single value	up to 10

##### Type of estimate

Multi-year mean

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

#### 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	1-3
Maximum	5-10
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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

### Short-term breeding numbers trend estimate

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

>>> 2009-2018

#### 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	up to 100
Maximum	100
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### Long-term breeding numbers trend estimate

#### 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?**

No

**Little Gull / *Hydrocoloeus minutus***

**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]

>>> 2018

**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	750
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 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	50
Maximum	350
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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:**

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?** 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?** 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?** No**Slender-billed Gull / *Larus genei*****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; 2018

**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	40000
Best single value	

**Type of estimate** Multi-year mean**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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?**

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**

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]

>>> 2011-2017

**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	several individuals
Maximum	several tens
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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

## 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

### 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

Fluctuating

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### Long-term breeding numbers trend estimate

#### 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?

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?**

No

**Black-headed Gull / *Larus ridibundus***

**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]

>>> 2018

**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	35000
Maximum	70000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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]

>>> 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	5500
Maximum	9000
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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]

>>> 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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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?**

No

## Pallas's Gull / *Larus ichthyaetus*

### 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]

>>> 2011-2018

#### 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	1350
Maximum	3838
Best single value	

#### Type of estimate

95% confidence interval

#### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

#### 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]

>>> 1998

#### 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	27
Maximum	716
Best single value	

### Type of estimate

95% confidence interval

### 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

### 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]

>>> 2009-2018

### 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	518
Maximum	1098
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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]

>>> 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	3
Maximum	175
Best single value	

## 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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

## 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]  
>>> 2009-2018

### 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	20
Maximum	30
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## Long-term breeding 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	550
Maximum	650
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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?**

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?**

No

**Mediterranean Gull / *Larus melanocephalus***

**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]

>>> 2013-2018

**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	30000
Maximum	40000
Best single value	

**Type of estimate**

95% confidence interval

**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.]  
>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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]

>>> until 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	100000
Maximum	300000
Best single value	

### Type of estimate

Multi-year mean

### 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.]  
>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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

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]

>>> 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	20
Maximum	100
Best single value	

### Type of estimate

95% confidence interval

### 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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011–2017 /

Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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]

>>> 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	15
---------	----

Maximum	30
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### 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	70
Maximum	300
Best single value	

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

Based mainly on expert opinion with very limited data

### 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?

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?**

No

## Mew Gull / *Larus canus*

### 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]

>>> 2013-2018

#### 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	150
Best single value	

#### Type of estimate

95% confidence interval

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### 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?**

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**

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]

>>> 2011-2017

**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	5000
Maximum	more than 26000
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011–2017 / Edited by V. A. Kostushyn, Yu. A. Andryushchenko

**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]

>>> 2010-2018

**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 expert opinion with very limited data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding 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	10
Maximum	500
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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**

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 extrapolation from a limited amount of data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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**

Fluctuating

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

No

## Lesser Black-backed Gull / *Larus fuscus*

### 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]

>>> 2010-2018

##### 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	
Maximum	several thousands
Best single value	

##### Type of estimate

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

##### Method used for passage 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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**

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]

>>> 2010-2018

**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	20
Maximum	150
Best single value	

### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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:**

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?**

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]

>>> 2010-2018

**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

**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	10
Maximum	50
Best single value	

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

Based mainly on extrapolation from a limited amount of data

## Breeding range size and trend

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

No

## European Herring Gull / *Larus argentatus*

### 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

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]

>>> 2010-2018

**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	300
Maximum	500
Best single value	

#### Type of estimate

Minimum

#### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

#### 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:

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?

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

### Breeding range size and trend

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

No

## Caspian Gull / *Larus cachinnans*

### 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]

>>> 2014-2018

#### 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	30000

Maximum	50000
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?

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

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]

>>> 2011-2017

**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	1838
Maximum	15244
Best single value	

### 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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011-2017 / Edited by V. A. Kostyushyn, Yu. A. Andryushchenko

### 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]

>>> 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	30
Maximum	50
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> since 1980

**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	50
Maximum	75
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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]

>>> 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 non-breeding/wintering numbers trend estimate**

Based mainly on expert opinion with very limited data

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

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

>>> since 1980

### 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

## 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?**

No

## Little Tern / *Sternula albifrons*

### 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]

>>> 2009-2018

### 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	2500
Maximum	3500
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>  
Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?**

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**

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**

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]

>>> 2010-2018

**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	10
Maximum	20
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## Long-term breeding numbers trend estimate

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

>>> since 1980

### 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 extrapolation from a limited amount of data

## 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?

No

## Common Gull-billed Tern / *Gelochelidon nilotica*

## 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]

>>> 2010-2018

##### 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	5000
Maximum	7000
Best single value	

##### Type of estimate

95% confidence interval

##### 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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

### 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?

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

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

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]

>>> 2007-2018

**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 expert opinion with very limited data

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

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**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 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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**Caspian Tern / *Hydroprogne caspia***

**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]

>>> 2009-2018

**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	810
Maximum	1033
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

## 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]

>>> 1998

### 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	98
Maximum	422
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.]

>>> Running the State Cadastre of Animal Kingdom (First Stage). Research Report. Contract of 27 August 2018 N 50/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. <https://tinyurl.com/yaon358n>

## 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

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**

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]

>>> 2007-2018

**Short-term trend direction**

Fluctuating

**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	50
Maximum	70
Best single value	

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

Based mainly on expert opinion with very limited data

**Long-term breeding 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	250
Maximum	800
Best single value	

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

Insufficient or no data 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?**

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?**

No

**Whiskered Tern / Chlidonias hybridus**

**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]

>>> 2010-2018

**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	8000
Maximum	12000
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

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**

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**

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]

>>> 2009-2018

**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	100
Maximum	120
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## Long-term breeding 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	200
Maximum	500
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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?

No

## White-winged Tern / *Chlidonias leucopterus*

### 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]

>>> 2010-2018

#### 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	15000
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

#### 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?**

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**

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**

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]

>>> 2013-2018

### Short-term trend direction

Fluctuating

**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

Insufficient or no data available

### Long-term breeding numbers trend estimate

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

>>> 1980-2018

### Long-term trend direction

Fluctuating

**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

## 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?**

No

**Black Tern / Chlidonias niger**

**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]

>>> 2010-2018

**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	5000
Maximum	7000
Best single value	

**Type of estimate**

95% confidence interval

**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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

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**

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**

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]

>>> 2009-2018

**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	10
Maximum	30
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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>  
Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**Long-term breeding numbers trend estimate**

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

>>> 1980-2018

**Long-term trend direction**

Fluctuating

**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	10
Maximum	20
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

**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?**

No

**Common Tern / *Sterna hirundo***

**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]

>>> 2013-2018

**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	40000
Maximum	55000
Best single value	

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of Zoology of NAS of Ukraine. Kyiv, 2018. 694 p. <https://tinyurl.com/vuxhpe9>

**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?**

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**

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**

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]  
>>> 1998-2018

#### Short-term trend direction

- Fluctuating

**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	50
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### Long-term breeding 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	10
Maximum	20
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.]

>>> Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

### 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?**

No

**Sandwich Tern / *Thalasseus sandvicensis***

**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]

>>> 2011-2018

**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	10000
Maximum	70000
Best single value	50000

**Type of estimate**

Multi-year mean

**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.]

>>> Encyclopedia of Migratory Species of Wild Animals of Ukraine. / Edited by A.M. Poluda. Contract of 19 September 2018 N 55/18 between the Ministry of Ecology and Natural Resources of Ukraine and Institute of

## 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?

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

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]

>>> 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	1
Maximum	10
Best single value	

### Type of estimate

95% confidence interval

### 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.]

>>> Bulletin ROM: Results of the regional ornithological monitoring. 2017. Issue 11. Winter seasons 2011–2017 /

Edited by V. A. Kostiushyn, Yu. A. Andryushchenko

Project "European Red List of Birds 2021" funded by the European Commission (results are not published)

## 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]  
>>> 2007-2017

**Short-term trend direction**

- Fluctuating

**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**

**Trend period** [since ca. 1980 or a period as close as possible to that]  
>>> 1980-2019

**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	200
Best single value	

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

- Based mainly on extrapolation from a limited amount of data

**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?**

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?**

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.

### 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

No breeding numbers estimate is 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 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]

>>> 2015-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2015

#### Population trend

#### Breeding numbers

Please indicate whether:

Neither short-term nor long-term breeding numbers trend estimate is 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:

The species is recorded only occasionally during the non-breeding/wintering season

Is an estimate of trends of occasional records available?

No

#### Range size and trend

#### Breeding range

Please indicate whether:

Neither range size nor short-term nor long-term range trend estimate is available

### **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:**

Neither range size nor short-term nor long-term range trend estimate is available

### **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?

>>> With Mute Swan / *Cygnus olor*

Is hybridisation regularly occurring?

No

Are hybrids produced?

No

### **Brent Goose / *Branta bernicla***

#### **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

#### **Maximum recorded number of occasional visitors**

>>> several individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

## 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:**

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

## 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:**

Neither range size nor short-term nor long-term range trend estimate is available

## 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

## Barnacle Goose / *Branta leucopsis*

### 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

**Maximum recorded number of occasional visitors**

>>> several individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

**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:**

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

**Range size and trend****Breeding range****Please indicate whether:**

Neither range size nor short-term nor long-term range trend estimate is available

**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:**

Neither range size nor short-term nor long-term range trend estimate is available

**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

**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**

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**

>>> single individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

### **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:**

Neither short-term nor long-term breeding numbers trend estimate is 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:**

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

### **Range size and trend**

### **Breeding range**

**Please indicate whether:**

Neither range size nor short-term nor long-term range trend estimate is available

### **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:**

Neither range size nor short-term nor long-term range trend estimate is available

### **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

### **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**

No breeding numbers estimate is 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 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:**

Neither short-term nor long-term breeding numbers trend estimate is 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:**

The species does not occur in the country during the non-breeding/wintering season

**Range size and trend**

**Breeding range**

**Please indicate whether:**

Neither range size nor short-term nor long-term range trend estimate is available

**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

**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**

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

Occasionally recorded, most likely escapes from collections

**Maximum recorded number of occasional visitors**

>>> several individuals

**Period** [Period (years) of the records above]

>>> 1990-2000

**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?

No

**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:**

Neither range size nor short-term nor long-term range trend estimate is available

**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-footed Goose / *Anser brachyrhynchus***

**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

**Maximum recorded number of occasional visitors**

>>> single individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

**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:**

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

**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?

No

**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 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

**Maximum recorded number of occasional visitors**

>>> single individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

## 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?

No

## 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:**

Neither range size nor short-term nor long-term range trend estimate is available

## 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**

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

**Maximum recorded number of occasional visitors**

>>> single individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

**Last year of record** [Year when the species was last recorded in the country]

>>> 2016

**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:**

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

**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:**

Neither range size nor short-term nor long-term range trend estimate is available

**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 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

#### Maximum recorded number of occasional visitors

>>> single individual

**Period** [Period (years) of the records above]

>>> 1960th

### 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:**

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

### 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:**

Neither range size nor short-term nor long-term range trend estimate is available

## 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 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

### Maximum recorded number of occasional visitors

>>> several individuals

**Period** [Period (years) of the records above]

>>> 2000-2018

### 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]

>>> 2000-2018

**Trend direction** Increasing

**Trend magnitude** [Percentage change over the period indicated above. Provide either interval (minimum - maximum) and/or best single value. In cases when only best single value is available, ideally 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** Widespread**Trend of the range of occasional records**

Is the trend of the range of occasional records available?

 No**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**Cattle Egret / Bubulcus 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** Breeding numbers estimate is available**Latest breeding numbers estimate****Year or period** [Year or period when numbers were last determined]

>>> 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	1
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.]

>>> Ukrainian Journal of Ornithology "Berkut". - 2017. - Vol. , is. 1.

### Previous breeding numbers estimate

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

No previous breeding numbers estimate is 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 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:**

Neither short-term nor long-term breeding numbers trend estimate is 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:**

The species does not occur in the country during the non-breeding/wintering season

### Range size and trend

#### Breeding range

**Please indicate whether:**

Neither range size nor short-term nor long-term range trend estimate is available

#### 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

## 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

#### Maximum recorded number of occasional visitors

>>> single individual

Period [Period (years) of the records above]

>>> 1830th

### 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:

Neither short-term nor long-term non-breeding/wintering numbers trend estimate is available

### 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:**

Neither range size nor short-term nor long-term range trend estimate is available

**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**

>>> 09.08.2020