



THE IUCN RED LIST  
OF THREATENED SPECIES™



## ***Limosa limosa* (Black-tailed Godwit)**

### **European Red List of Birds**

### **Supplementary Material**

The European Union (EU28) Red List assessments were based principally on the official data reported by EU Member States to the European Commission under Article 12 of the Birds Directive in 2019-20. For the European Red List assessments, similar data were sourced from BirdLife Partners and other collaborating experts in other European countries and territories. For more information, see BirdLife International (2021).

#### **Contents**

Reported national population sizes and trends  
Trend maps of reported national population data  
Sources of reported national population data  
Species factsheet bibliography

#### **Recommended citation**

BirdLife International (2021) European Red List of Birds. Luxembourg: Publications Office of the European Union.

#### **Further information**

<http://datazone.birdlife.org/info/euroredlist>  
<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>  
<http://www.iucnredlist.org/regions/europe>  
<http://ec.europa.eu/environment/nature/conservation/species/redlist/>

#### **Data requests and feedback**

To request access to these data in electronic format, provide new information, correct any errors or provide feedback, please email [science@birdlife.org](mailto:science@birdlife.org).

*Limosa limosa* (Black-tailed Godwit)

**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>5</sup>				Long-term population trend <sup>5</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	
Austria	40–60	<1	2014-2018	complete	-		2007-2018	complete	-	-80 to -60	1986-2018	complete	Western Europe/NW & West Africa
Belarus	5000–6500	4	2010-2018	partial	-	-40 to -20	2012-2019	expert	-	-42 to 0	1980-2019	expert	
Belgium	700–900	<1	2013-2018	complete	-	-30 to -10	2008-2018	complete	+	56 to 100	1973-2018	partial	Western Europe/NW & West Africa
Czechia	2–4	<1	2014-2017	complete	-	-80	2001-2017	complete	-		1986-2016	complete	Western Europe/NW & West Africa
Denmark	550	<1	2017	complete	0	-15 to 20	2006-2017	complete	0	-30 to 18	1990-2017	complete	Western Europe/NW & West Africa
DK: Faroe Is	1–3	<1	2014	expert	?				?				
Estonia	500–700	<1	2013-2017	complete	0	4 to 22	2006-2017	complete	-	-97 to -75	1980-2017	complete	Eastern Europe/Central & Eastern Africa
Finland	250–280	<1	2013-2018	complete	+		2008-2018	complete	+		1980-2018	partial	Western Europe/NW & West Africa
France	150–180	<1	2013-2018	complete	0	0 to 8	2007-2018	complete	+	66 to 74	1981-2018	complete	Western Europe/NW & West Africa
Germany	3600–3800	2	2012-2016	complete	-		2004-2016	expert	-		1980-2016	expert	Western Europe/NW & West Africa
Hungary	80–320	<1	2014-2018	partial	-	-47 to -33	2007-2018	expert	-	-92 to -73	1980-2018	expert	Eastern Europe/Central & Eastern Africa
Iceland	68000	45	2016	partial	+		2006-2018	partial	+		1980-2018	partial	
Italy	15	<1	2013-2018	expert	?		2007-2018	deficient	+	50 to 200	1993-2018	expert	Western Europe/NW & West Africa
Latvia	21–60	<1	2013-2018	partial	-	-63 to -57	2000-2018	partial	-	-65 to -60	1980-2017	partial	Eastern Europe/Central & Eastern Africa
Lithuania	70–120	<1	2013-2018	partial	-	-30 to -10	2013-2018	partial	0	0	1980-2018	partial	Eastern Europe/Central & Eastern Africa
Netherlands	31000–38000	23	2013-2015	complete	-	-37 to -27	2006-2017	complete	-	-72 to -64	1984-2017	complete	Western Europe/NW & West Africa
Norway	17–32	<1	2013-2018	complete	-	-70 to -10	2013-2018	complete	-	-90 to -70	1980-2018	complete	
Poland	800–1500	<1	2013-2018	expert	-	-68 to -29	2007-2018	complete	-	-90 to -80	1980-2018	expert	Eastern Europe/Central & Eastern Africa
Romania	10–100	<1	2013-2018	expert	?		2007-2018	deficient	+	1 to 20	1980-2018	expert	Eastern Europe/Central & Eastern Africa
Russia	25000–45000	22	2008-2018	expert	-	-20 to -15	2008-2018	partial	-	-29 to -20	1980-2018	partial	
Serbia	11–30	<1	2013-2018	partial	-	-29 to -10	2007-2018	complete	F	0	1980-2018	complete	
Slovakia	0–2	<1	2013-2018	deficient	-	-100 to -50	2007-2018	partial	-	-100 to -90	1980-2018	partial	Western Europe/NW & West Africa
Spain	0–10	<1	2007	partial	0		2007-2011	complete	0		1980-2011	complete	Western Europe/NW & West Africa
Sweden	100–120	<1	2013-2018	complete	+	30 to 70	2007-2018	complete	-	-80 to -60	1980-2018	complete	Western Europe/NW & West Africa
Ukraine	400–600	<1	2015-2019	partial	-	-50 to -30	2009-2019	partial	-	-50 to -30	1980-2019	partial	
United Kingdom	48	<1	2012-2016	complete	0		2001-2016	complete	-		1978-2016	complete	Western Europe/NW & West Africa
United Kingdom	7	<1	2012-2016	complete	-		2001-2016	complete	+		1978-2016	complete	islandica
EU28	37900–46700	28											
Europe	136000–167000	100											

*Limosa limosa* (Black-tailed Godwit)

**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>5</sup>				Long-term population trend <sup>5</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The 'method used' (replacing the data 'quality' assessment in the 2015 European Red List) is reported as: a) Complete: complete survey or a statistically robust estimate; b) Partial: based mainly on extrapolation from a limited amount of data; c) Expert: based mainly on expert opinion with very limited data; d) Defficient: insufficient or no data available.

<sup>5</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

<sup>6</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>7</sup> Trend magnitudes are rounded to the nearest integer.

*Limosa limosa* (Black-tailed Godwit)

**Table 2.** Reported national wintering population sizes and trends in Europe<sup>1</sup>. Note that some countries within the species' wintering range did not report any data, and that only minimum totals are presented, to avoid double-counting of birds moving between countries.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>5</sup>				Long-term population trend <sup>5</sup>				Subspecific population (where relevant)
	Size (individuals) <sup>3</sup>	Europe (%)	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	Direction <sup>6</sup>	Magnitude (%) <sup>7</sup>	Year(s)	Method <sup>4</sup>	
Albania	10–20	<1	2007-2018	complete	-	-83 to 0	2007-2018	complete	-	-91 to 0	1980-2018	complete	
Azerbaijan	1000–5000	2	1996-2019	partial	?		2010-2019	partial	?		1980-2019	expert	
Bulgaria	0–15	<1	2013-2018	partial	-	-20	2000-2018	complete	-	-30 to -20	1980-2018	partial	
France	27000–29200	18	2013-2018	complete	+	27 to 85	2007-2017	complete	+	65 to 82	1980-2017	complete	
Rep. Ireland	17800–17900	12	2011-2016	complete	+	30	2004-2016	complete	+	135	1987-2016	partial	
Netherlands	190–450	<1	2013-2017	complete	?	-69 to 2	2006-2017	complete	0	-68 to 26	1981-2017	complete	
Portugal	9900–32300	12	2013-2018	complete	0	-6 to 25	2007-2018	complete	?		1988-2018	partial	
Spain	30500–65200	30	2007-2018	partial	0		2007-2018	complete	+	2	1980-2018	complete	
Turkey	80–1900	<1	2013-2019	complete	?		2008-2019	deficient	?		1980-2019	deficient	
Ukraine	1–10	<1	2014-2017	partial	?		2007-2018	deficient	?		1980-2018	deficient	
United Kingdom	40900–41000	27	2012-2016	complete	+	54	2005-2016	complete	+	1011	1980-2016	complete	
EU28	126000–186000	98											
<b>Europe</b>	<b>127000–193000</b>	<b>100</b>											

<sup>1</sup> See 'Sources' at end of factsheet, and for more details on individual EU Member State reports, see the Article 12 reporting portal at <http://bd.eionet.europa.eu/article12/report>.

<sup>2</sup> The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

<sup>3</sup> In the few cases where population size estimates were reported in units other than those specified, they were converted to the correct units using standard correction factors.

<sup>4</sup> The 'method used' (replacing the data 'quality' assessment in the 2015 European Red List) is reported as: a) Complete: complete survey or a statistically robust estimate; b) Partial: based mainly on extrapolation from a limited amount of data; c) Expert: based mainly on expert opinion with very limited data; d) Deficient: insufficient or no data available.

<sup>5</sup> The robustness of regional trends to the effects of any missing or incomplete data was tested using plausible scenarios, based on other sources of information, including any other reported information, recent national Red Lists, scientific literature, other publications and consultation with relevant experts.

<sup>6</sup> Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

<sup>7</sup> Trend magnitudes are rounded to the nearest integer.

## Trend maps

A symbol appears in each country where the species occurs: the shape and colour of the symbol represent the population trend in that country, and the size of the symbol corresponds to the proportion of the European population occurring in that country.

### KEY

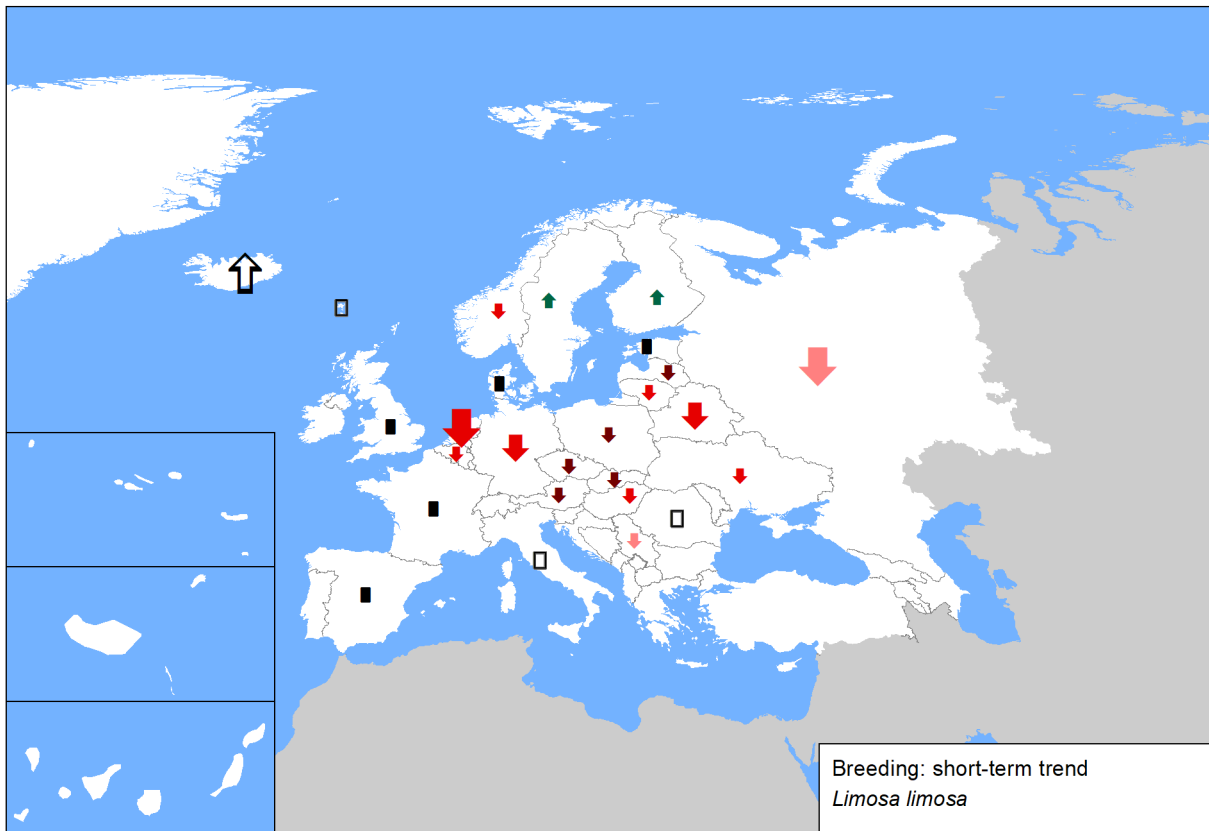
- |   |                                 |
|---|---------------------------------|
| ↑ Large increase (≥50%)                 | ↓ Large decrease (≥50%)         |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)    |
| ↑ Small increase (<20%)                 | ↓ Small decrease (<20%)         |
| ↑ Increase of unknown magnitude         | ↓ Decrease of unknown magnitude |
| ■ Stable or fluctuating                 |                                 |
| □ Unknown                               |                                 |
| ○ Present (no population or trend data) |                                 |
| × Extinct since 1980                    |                                 |

Each symbol, with the exception of Present and Extinct, may occur in up to three different size classes, corresponding to the proportion of the European population occurring in that country.

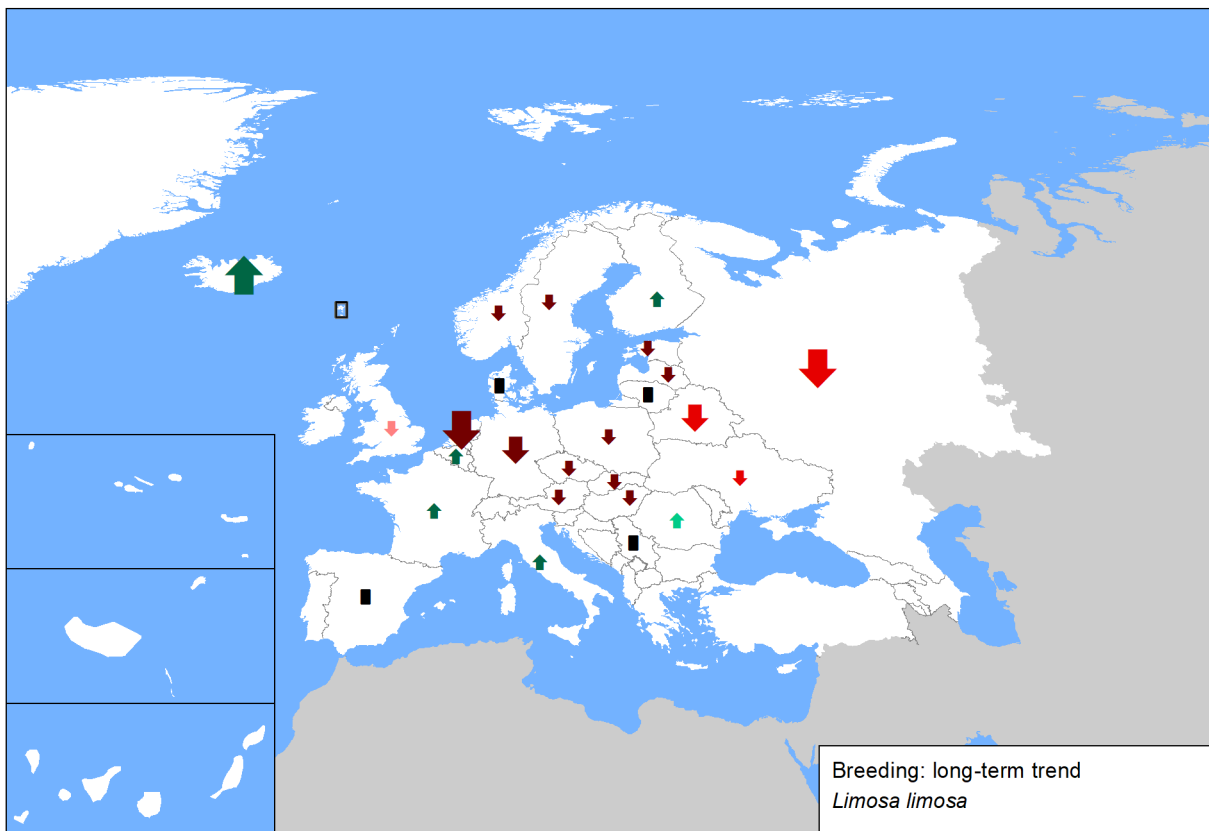
- ↑ Large: ≥10% of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small: <1% of the European population

The designation of geographical entities and the presentation of the material do not imply the expression of any opinion whatsoever on the part of IUCN or BirdLife International concerning the legal status of any country, territory or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

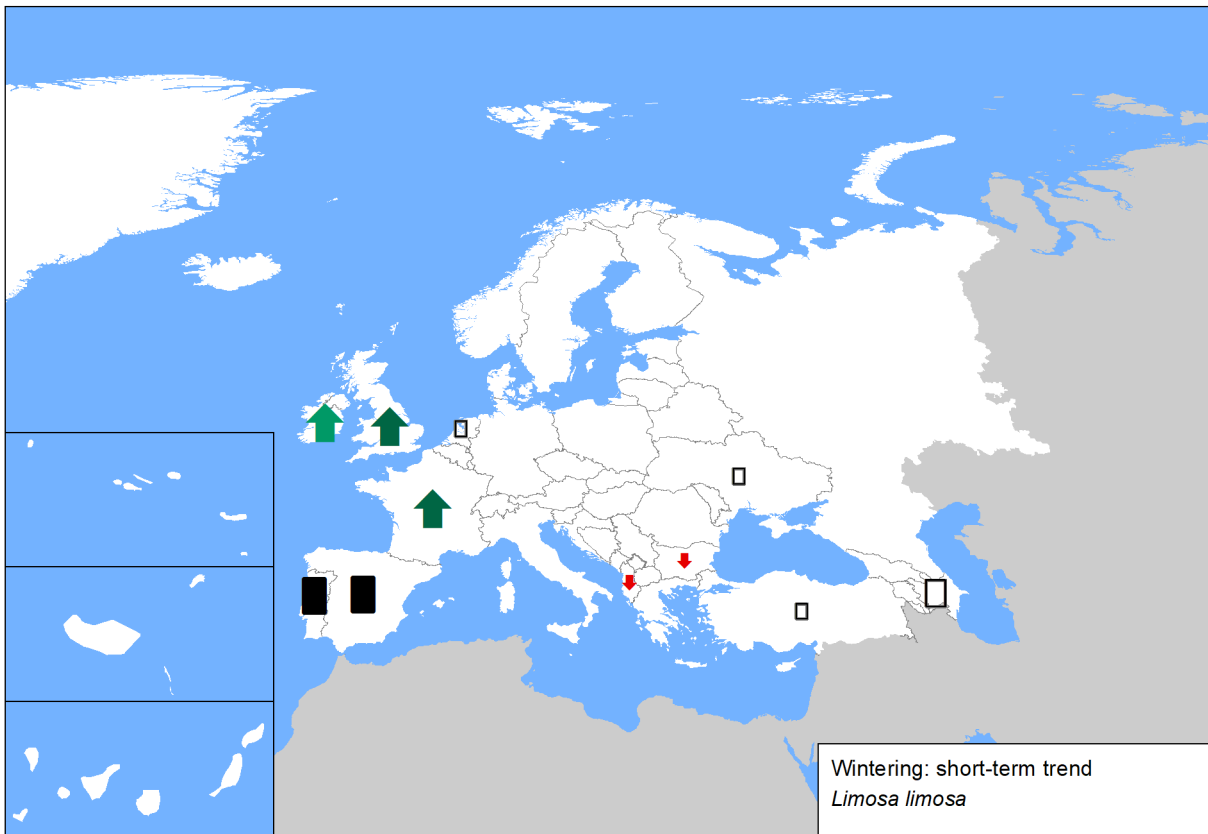
**Figure 1.** Breeding population sizes and short-term trends across Europe.



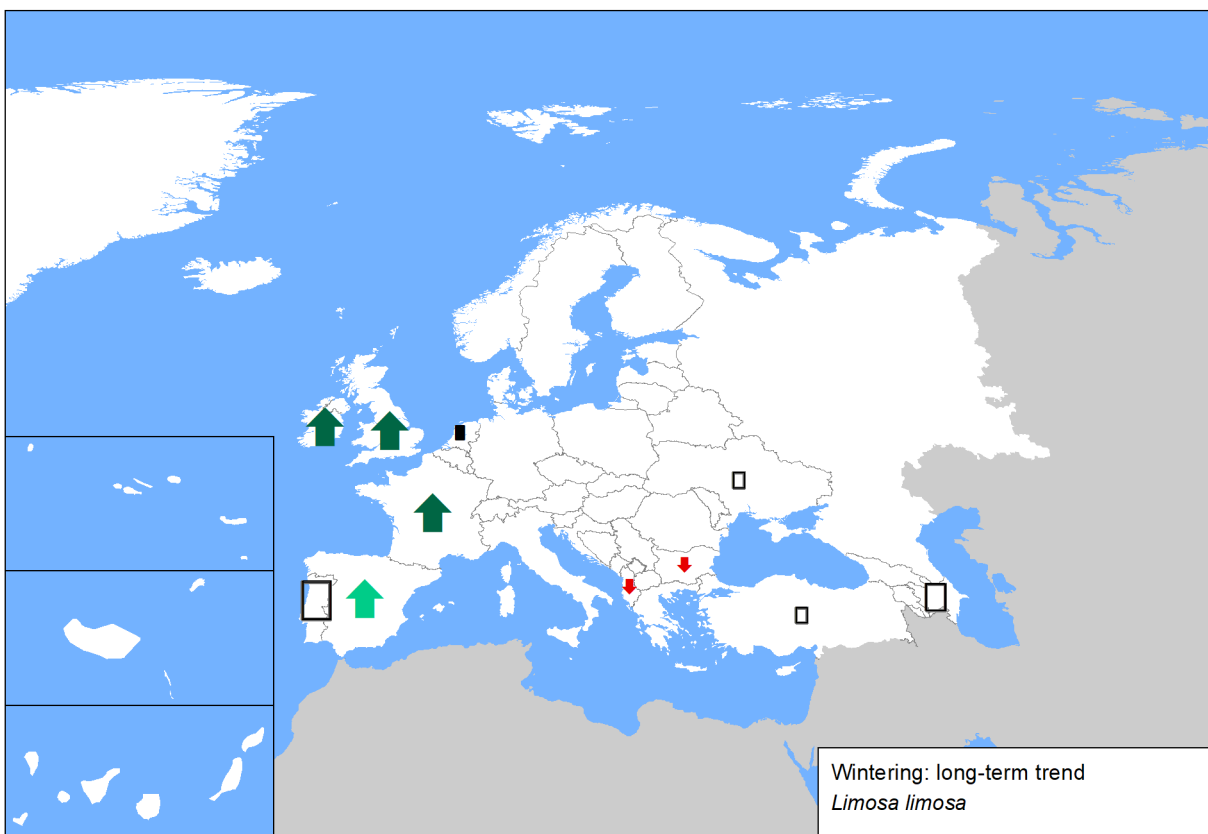
**Figure 2.** Breeding population sizes and long-term trends across Europe.



**Figure 3.** Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



**Figure 4.** Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



## Sources

### Albania

<b>Winter population size:</b> Bino pers. obs.
<b>Winter short-term trend:</b> Bino et al. 2018
<b>Winter long-term trend:</b> Bino et al. 2018

### Austria: Western Europe/NW & West Africa

<b>Breeding population size:</b> Dvorak et al. 2016, Georg Bieringer et al. Unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel, Hans-Martin Berg, unpublished data (Leithaniederung)
<b>Breeding short-term trend:</b> Dvorak et al. 2016, Georg Bieringer et al. unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel, Hans-Martin Berg, unpublished data (Leithaniederung); BirdLife Austria, unpublished data from www.ornitho.at
<b>Breeding long-term trend:</b> Dvorak et al. 2016, Georg Bieringer et al. Unpublished data from the bird monitoring program of the national park Neusiedler See-Seewinkel, Hans-Martin Berg, unpublished data (Leithaniederung); BirdLife Austria, unpublished data from www.ornitho.at, Dvorak, Ranner & Berg 1993 (Atlas of Austrian Breeding Birds)

### Azerbaijan

<b>Winter population size:</b> AOS data base
<b>Winter short-term trend:</b> AOS Data Base
<b>Winter long-term trend:</b> AOS Data Base

### Belarus

<b>Breeding population size:</b> Research work of the National Academy of Sciences of the Republic of Belarus "Dynamics and predictive assessment of changes in the state of populations of the main resource and biocenotically most important bird species in Belarus"
<b>Breeding long-term trend:</b> Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.

### Belgium: Western Europe/NW & West Africa

<b>Breeding population size:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.
<b>Breeding short-term trend:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.
<b>Breeding long-term trend:</b> Vermeersch G. et al. (2018, in press). Broedvogels in Vlaanderen in de periode 2013-2018. Rapporten van het Instituut voor Natuur- en Bosonderzoek (INBO), Brussel. / Paquet, J-Y., Anselin, A., Vermeersch, G., Derouaux, A., Devos, K. (2019, in prep.). Contribution of Belgium to EBCC European Breeding Bird Atlas 2. Internal Report.

### Bulgaria: all non-breeding populations

<b>Winter population size:</b> Wetlands International (2019): Submitted IWC data for Bulgaria for period 2013-2018.; National Art. 12 reporting database 2013-2018; National workshop of experts, Sofia 27-29.8.2019
<b>Winter short-term trend:</b> Mid-winter count data; National Art. 12 reporting database 2013-2018; Dimitrov, M., T. Michev, L. Profirov, K. Nyagolov. 2005. Waterbirds of Bourgas Wetlands: Results and Evaluation of the Monthly Waterbirds Monitoring 1996-2002. Bulgarian Biodiversity Foundation and Publ. House Pensoft, Sofia, 160 pp.;
<b>Winter long-term trend:</b> Michev T., Profirov L. 2003. Mid-Winter Numbers of Waterbirds in Bulgaria (1977-2001). Pensoft, Sofia, 160 pp.

### Czechia: Western Europe/NW & West Africa

<b>Breeding population size:</b> Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017
<b>Breeding short-term trend:</b> Trends in waterbird breeding population size were estimated using changes in population data from nation-wide numbers project of "Atlas of Breeding Bird Distribution" carried out in whole Czech Republic in 2001 -2003 and 2014 – 2017. Range of relative change in breeding population size was used as the measurement of population trend. The values of relative rate of change were compared with data from annual monitoring (census in May – see Musil & Fuchs 1994, Musil et al. 2001, Čehovská et al. 2019 for the methods) on limited amount of sites (fishpond regions in south and central Bohemia - see Musil & Fuchs 1994). Čehovská M., Musil P., Musilová Z., Poláková, K. & Zouhar J. 2019: Diving duck census efficiency based on monitoring of individually marked females: the influence of breeding stage of individual females and timing of census. Bird Study in press. Musil P. Cepák J. Hudec K. & Zárbynický J. 2001. The long-term trends in the breeding waterfowl populations in the Czech Republic. OMPO, Institute of Applied Ecology, Kostelec nad Černými lesy. Musil P. & Fuchs R. 1994: Changes in abundance of water birds species in southern Bohemia (Czech Republic) in the last 10 years. Development in Hydrobiology. In: Kerekes J. J. [ed.]: Aquatic Birds in Trophic Web of Lakes. Hydrobiologia 279/280: 511-519.
<b>Breeding long-term trend:</b> Šťastný et al. 2006

### Denmark: Western Europe/NW & West Africa

<b>Breeding population size:</b> www.dofbasen.dk & Nyegaard, T. et al., Truede og sjældne ynglefugle i Danmark 1998-2012, Dansk Ornitologisk Forenings Tidsskrift 108, nr 1, 2014 & Atlas III 2014-2017 (www.dofbasen.dk/atlas) & DOF BirdLifeDK Fugleåret 2006-2017 &
<b>Breeding short-term trend:</b> www.dofbasen.dk & Nyegaard, T. et al., Truede og sjældne ynglefugle i Danmark 1998-2012, Dansk Ornitologisk Forenings Tidsskrift 108, nr 1, 2014 & Atlas III 2014-2017 (www.dofbasen.dk/atlas) & DOF BirdLifeDK Fugleåret 2006-2017
<b>Breeding long-term trend:</b> www.dofbasen.dk & Nyegaard, T. et al., Truede og sjældne ynglefugle i Danmark 1998-2012, Dansk Ornitologisk Forenings Tidsskrift 108, nr 1, 2014 & Atlas III 2014-2017 (www.dofbasen.dk/atlas) & DOF BirdLifeDK Fugleåret 2006-2017

### DK: Faroe Is

<b>Breeding population size:</b> Hammer et al. (2014) Færøsk trækfugleatlas [Faroe bird migration atlas]. Fróðskapur / Faroe University Press, Tórshavn.
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## *Limosa limosa* (Black-tailed Godwit)

### Estonia: Eastern Europe/Central & Eastern Africa

**Breeding population size:** Estonian Working Group on Bird Status and Numbers

**Breeding short-term trend:** Estonian Working Group on Bird Status and Numbers

**Breeding long-term trend:** [1] Estonian Working Group on Bird Status and Numbers [2] Breeding bird survey of coastal meadows. [http://seire.keskkonnainfo.ee/index.php?option=com\\_content&view=article&id=3418&Itemid=5816](http://seire.keskkonnainfo.ee/index.php?option=com_content&view=article&id=3418&Itemid=5816) [3] Breeding bird survey of mires. [http://seire.keskkonnainfo.ee/index.php?option=com\\_content&view=article&id=2034&Itemid=347](http://seire.keskkonnainfo.ee/index.php?option=com_content&view=article&id=2034&Itemid=347)

### Finland: Western Europe/NW & West Africa

**Breeding population size:** Lehtinen, A., Below, A., Jukarainen, A., Laaksonen, T., Lehtinen, T., Mikkola-Roos, M., Pessa, J., Rajasärkkä, A., Rusanen, P., Sirkiä, P., Tiainen, J. & Valkama, J. 2019: Suomen lintujen pesimäkantojen koot. – Linnut-vuosikirja 2018: 38-45.

**Breeding short-term trend:** Pessa, J. & Timonen, S. 2013: The distribution and population trend of the Black-tailed Godwit in Finland. – Linnut-vuosikirja 2012: 4–15. (in Finnish with English summary). Centre for Economic Development, Transport and the Environment, North Ostrobothnia 2019: The database of threatened species in North Ostrobothnia Pessa, J. & Timonen, S. 2019: Unpublished monitoring data

**Breeding long-term trend:** Pessa, J. & Timonen, S. 2013: The distribution and population trend of the Black-tailed Godwit in Finland. – Linnut-vuosikirja 2012: 4–15. (in Finnish with English summary). Centre for Economic Development, Transport and the Environment, North Ostrobothnia 2019: The database of threatened species in North Ostrobothnia Pessa, J. & Timonen, S. 2019: Unpublished monitoring data

### France: Western Europe/NW & West Africa

**Breeding population size:** Frédéric Robin, Perrine Dulac, Pierre Crouzier, Guillaume Gélinaud, Jean-Pierre Guéret, Didier Montfort, Franck Morel, Camille Phelippon, Julien Piette, Patrick Triplet & Jean-Guy Robin 2016. Nidification de la Barge à queue noire *Limosa limosa* en France : état des lieux. Ornithos, 7 ; Bastien Blanc 2017. Estimation de taille de population : un enjeu pour la conservation des espèces menacées Le cas de *Limosa limosa limosa* en Marais breton vendéen. <https://www.bargeaqueuenoire.org>, 23 [https://www.bargeaqueuenoire.org/wp-content/uploads/2018/10/Rapport\\_Stage\\_Bastien.pdf](https://www.bargeaqueuenoire.org/wp-content/uploads/2018/10/Rapport_Stage_Bastien.pdf)

### France: all non-breeding populations

**Winter population size:** . Gaudard C., Quaintenne G., Ward A., Dronneau Ch., Dalloyau S., J. Dupuy 2018. Synthèse des dénombrements d'Anatidés, de fousques et de limicoles hivernant en France à la mi-janvier 2017. WI, LPO, DEB. Rochefort. ; . Synthèse des dénombrements d'oiseaux d'eau en France à la mi-janvier 2017 - LPO France.

**Winter short-term trend:** . Synthèse des dénombrements d'oiseaux d'eau en France à la mi-janvier 2017 - LPO France.

**Winter long-term trend:** . Synthèse des dénombrements d'oiseaux d'eau en France à la mi-janvier 2017 - LPO France.

### Germany: Western Europe/NW & West Africa

**Breeding population size:** Monitoring seltener Brutvögel (<http://www.dda-web.de/index.php?cat=monitoring&subcat=ga&subsubcat=kontakt>)

**Breeding short-term trend:** Gerlach et al. (in Vorb.): Vögel in Deutschland – 2019. Dachverband Deutscher Avifaunisten, Bundesamt für Naturschutz und Länderarbeitsgemeinschaft der Vogelschutzwarten, Münster.

**Breeding long-term trend:** Gerlach et al. (in Vorb.): Vögel in Deutschland – 2019. Dachverband Deutscher Avifaunisten, Bundesamt für Naturschutz und Länderarbeitsgemeinschaft der Vogelschutzwarten, Münster.

### Hungary: Eastern Europe/Central & Eastern Africa

**Breeding population size:** KEHOP-4.3.0-15-2016-00001 project results, unpublished. National park directorates' databases <http://map.mme.hu/maps/map2>

**Breeding short-term trend:** [http://www.termeszetvedelem.hu/\\_user/browser/File/Natura2000/BD\\_12\\_jelentes\\_2013\\_anyagai/Limosa\\_limosa.pdf](http://www.termeszetvedelem.hu/_user/browser/File/Natura2000/BD_12_jelentes_2013_anyagai/Limosa_limosa.pdf) National park directorates' databases <http://map.mme.hu/maps/map2>

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### Iceland

**Breeding population size:** Kristinn Haukur Skarphéðinsson, Borgný Katrínardóttir, Guðmundur A. Guðmundsson og Svenja N.V. Auhage 2016. Mikilvæg fuglasvæði á Íslandi. Fjölrit Náttúrufræðistofnunar Nr. 55. 295 s. rafræn útgáfa leiðrétt í nóvember 2017. [http://utgafa.ni.is/fjolrit/fjolrit\\_55.pdf](http://utgafa.ni.is/fjolrit/fjolrit_55.pdf); Tómas, G. Gunnarsson, J.A. Gill, P.M. Potts, P.W. Atkinson, R.E. Croger, G. Gélinaud, Arnþór Garðarsson og W.J. Sutherland 2005. Estimating population size in Black-tailed Godwits *Limosa limosa islandica* by colour-marking. Bird Study 52: 153–158.

**Breeding short-term trend:** <https://app.bto.org/webs-reporting>

**Breeding long-term trend:** <https://app.bto.org/webs-reporting>; Lopes, R.J., J.A. Alves, J.A. Gill, T.G. Gunnarsson, J.C.E.W. Hooijmeijer, P.M. Lourenço, J.M. Masero, T. Piersma, P.M. Potts, B. Rabaçal, S. Reis, J.M. Sánchez-Guzmán, F. Santiago-Quesada og A. Villegas 2013. Do different subspecies of Black-tailed Godwit *Limosa limosa* overlap in Iberian wintering and staging areas? Validation with genetic markers. Journal of Ornithology 154(1): 35–40.

### Republic of Ireland: all non-breeding populations

**Winter population size:** Burke, B., Lewis, L. J., Fitzgerald, N., Frost, T., Austin, G. & Tierney, T. D. (2018) Estimates of waterbird numbers wintering in Ireland, 2011/12 – 2015/16. Irish Birds 11, 1-12.

**Winter short-term trend:** Lewis, L. J., Burke, B., Fitzgerald, N., Tierney, T. D. & Kelly, S. (2019) Irish Wetland Bird Survey: Waterbird Status and Distribution 2009/10-2015/16. Irish Wildlife Manuals, No. 106. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland

**Winter long-term trend:** See: Lewis, L. J., Burke, B., Fitzgerald, N., Tierney, T. D. & Kelly, S. (2019) Irish Wetland Bird Survey: Waterbird Status and Distribution 2009/10-2015/16. Irish Wildlife Manuals, No. 106. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland

## *Limosa limosa* (Black-tailed Godwit)

### Italy: Western Europe/NW & West Africa

**Breeding population size:** BirdLife International 2017. European birds of conservation concern: populations, trends and national responsibilities. Cambridge, UK: BirdLife International.

**Breeding short-term trend:** No recent data available

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### Latvia: Eastern Europe/Central & Eastern Africa

**Breeding population size:** Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@job.lv

**Breeding short-term trend:** Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@job.lv

**Breeding long-term trend:** Strazds M., Priednieks J., Vaverins G. 1994. [Size of Latvian bird populations.] (in Latvian) In: Putni dabā, 4: 3–18 Unpublished data for European Breeding Bird Atlas (2013-2017); Expert: Andris Dekants, andris.dekants@job.lv

### Lithuania: Eastern Europe/Central & Eastern Africa

**Breeding population size:** Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) 2015-2018. Lietuvos perinčių paukščių atlaso duomenų bazė (Lithuanian Breeding Birds Atlas Database). Vilnius. Ministry of Environment of the Republic of Lithuania. 2012. Status and trends of bird populations (Article 12, Birds Directive 2009/147/EC) National Summary 2008-2012 Lithuania. Ministry of Environment of the Republic of Lithuania. 2016-2018. Leidinio "Lietuvos raudonoji knyga" parengimo paslaugos (Red data book of Lithuania). (Agreement No VPS-2016-104-ES)

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### Netherlands: Western Europe/NW & West Africa

**Breeding population size:** Sovon Bird atlas (Sovon 2018)

**Breeding short-term trend:** NEM (Sovon, RWS, CBS, provincies)

**Breeding long-term trend:** NEM (Sovon, RWS, CBS, provincies)

### Netherlands: all non-breeding populations

**Winter population size:** NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Winter short-term trend:** NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

**Winter long-term trend:** NEM waterbird monitoring scheme (Sovon, RWS, CBS, provincies)

### Norway

**Breeding population size:** Heggøy, O. & Øien, I.J. 2018. Svarthalespove i Norge. Oppsummering av kunnskapsstatus. NOF-Rapport 2018-2. 59 pp.

**Breeding short-term trend:** Heggøy, O. & Øien, I.J. 2018. Svarthalespove i Norge. Oppsummering av kunnskapsstatus. NOF-Rapport 2018-2. 59 pp.

**Breeding long-term trend:** (a) Shimmings, P. & Øien, I.J. 2015. Bestandsestimater for norske hekkefugler. NOF Rapport 2-2015. 268 pp. (b) BirdLife Norway Black-tailed Godwit project.

### Poland: Eastern Europe/Central & Eastern Africa

**Breeding population size:** Chodkiewicz T., Kuczyński L., Sikora A., Chylarecki P., Neubauer G., Ławicki L., Stawarczyk T. 2015. Ocena liczebności populacji ptaków lęgowych w Polsce w latach 2008–2012. Ornis Polonica 56: 149-189; Kasprzykowski Z., Dmoch A., Gołowski A., Kozik R., Mitrus C. 2017. Zmiany liczebności wybranych lęgowych gatunków wodno-błotnych w Dolinie Dolnej Narwi i Dolinie Dolnego Bugu. Ornis Polonica 58: 1-11; Winięcki A., Mielczarek P. 2018. Awifauna lęgowa OSO Dolina Środkowej Warty - stan współczesny i zmiany w latach 1975-2015. Ornis Polonica 59: 17-55; expert assessment;

**Breeding short-term trend:** State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPM)

**Breeding long-term trend:** Wylegała P., Winięcki A., Mielczarek S., Antczak M., Chylarecki P. 2012. Spadek liczebności rycyka *Limosa limosa* w Wielkopolsce w latach 1980-2011. Ptaki Wielkopolski 1: 119-126; Ławicki L., Wylegała P., Batycki A., Kajzer Z., Guentzel S., Jasiński M., Kr

### Portugal: all non-breeding populations

**Winter population size:** Programa Nacional de Monitorização de Aves Aquáticas Invernantes

**Winter short-term trend:** Programa Nacional de Monitorização de Aves Aquáticas Invernantes

**Winter long-term trend:** Sousa J (2002b). Tendências populacionais de aves aquáticas. Relatório de estudo integrado no Projecto do Instituto da Conservação da Natureza "Livro Vermelho dos Vertebrados de Portugal - Revisão"/Programa Operacional do Ambiente, não publicado.; Programa Nacional de Monitorização de Aves Aquáticas Invernantes

### Romania: Eastern Europe/Central & Eastern Africa

**Breeding population size:** Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database

## *Limosa limosa* (Black-tailed Godwit)

### Romania: Eastern Europe/Central & Eastern Africa

<b>Breeding short-term trend:</b> Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database
<b>Breeding long-term trend:</b> Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database

### Russia

<b>Breeding population size:</b> Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia
<b>Breeding short-term trend:</b> Sokolov 2014; Mischenko & Sukhanova 2016; Red Data Book of Belgorod Region 2019; Kalyakin et al. 2019; Mischenko 2020
<b>Breeding long-term trend:</b> Belik et al. 2003; Sviridova 2008; Sarychev 2014; Mischenko & Sukhanova 2016; Red Data Book of Belgorod Region 2019; Mischenko 2020

### Serbia

<b>Breeding population size:</b> EBBA2 project; Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.
<b>Breeding short-term trend:</b> EBBA2 project; Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.
<b>Breeding long-term trend:</b> Puzović, S., Radišić, D., Ružić, M., Rajković, D., Radaković, M., Pantović, U., Janković, M., Stojnić, N., Šćiban, M., Tucakov, M., Gergelj, J., Sekulić, G., Agošton, A. & Raković, M. 2015. Birds of Serbia: Breeding Population Estimates and Trends for the Period 2008-2013. Bird protection and study society of Serbia, and Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad.

### Slovakia: Western Europe/NW & West Africa

<b>Breeding population size:</b> Coordinatory group for reporting 2019. Karaska D., Trnka A., Krištin A., Ridzoň J.: Chránené vtáčie územia Slovenska. ŠOP SR Banská Bystrica, 2015.
<b>Breeding short-term trend:</b> Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018.
<b>Breeding long-term trend:</b> Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018.

### Spain: Western Europe/NW & West Africa

<b>Breeding population size:</b> Palomino, D. & Molina, B. (Eds) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid, 210 pp. ( <a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf</a> )
<b>Breeding short-term trend:</b> González, R. & Pérez-Aranda, D. (2011). Las aves acuáticas en España, 1980-2009. SEO/BirdLife, Madrid, 338 pp. Palomino, D. & Molina, B. (Eds) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid, 210 pp. ( <a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf</a> )
<b>Breeding long-term trend:</b> González, R. & Pérez-Aranda, D. (2011). Las aves acuáticas en España, 1980-2009. SEO/BirdLife, Madrid, 338 pp. Palomino, D. & Molina, B. (Eds) (2009). Aves acuáticas reproductoras en España. Población en 2007 y método de censo. SEO/BirdLife. Madrid, 210 pp. ( <a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm30-208250.pdf</a> )

### Spain: all non-breeding populations

<b>Winter population size:</b> Información proporcionada por las Comunidades Autónomas. SEO/BirdLife. (2012). Atlas de las aves en invierno en España 2007-2010. Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/ BirdLife. Madrid. 817 pp. ( <a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf</a> )
<b>Winter short-term trend:</b> Database of the 'Atlas de las aves reproductoras de España'. Updated version 2011 with data from SEO/BirdLife's monitoring programmes. In: Inventario Español de Especies Terrestres, Inventario Español del Patrimonio Natural y de la Biodiversidad. Ministerio de Agricultura, Alimentación y Medio Ambiente (2013). ( <a href="https://www.miteco.gob.es/fr/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/ieet_aves_sist_seg_tendencia_comunes_esp.aspx">https://www.miteco.gob.es/fr/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/ieet_aves_sist_seg_tendencia_comunes_esp.aspx</a> ) Información proporcionada por las Comunidades Autónomas. SEO/BirdLife (2012). Atlas de las aves en invierno en España 2007-2010. Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/ BirdLife. Madrid. 817 pp. ( <a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf</a> ) SEO/BirdLife (2019). Programas de seguimiento y grupos de trabajo de SEO/BirdLife 2018. SEO/BirdLife. Madrid. ( <a href="https://doi.org/10.31170/0073">https://doi.org/10.31170/0073</a> )
<b>Winter long-term trend:</b> González, R. & Pérez-Aranda, D. (2011). Las aves acuáticas en España, 1980-2009. SEO/BirdLife, Madrid, 338 pp. Información proporcionada por las comunidades autónomas. SEO/BirdLife (2012). Atlas de las aves en invierno en España 2007-2010. Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/ BirdLife. Madrid. 817 pp. ( <a href="https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf">https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/atlas_aves_invierno_tcm30-198034.pdf</a> ) SEO/BirdLife (2019). Programas de seguimiento y grupos de trabajo de SEO/BirdLife 2018. SEO/BirdLife. Madrid. ( <a href="https://doi.org/10.31170/0073">https://doi.org/10.31170/0073</a> )

### Sweden: Western Europe/NW & West Africa

<b>Breeding population size:</b> Ottosson, U., Ottvall, R., Elmberg, J., Green, M., Gustafsson, R., Haas, F., Holmqvist, N., Lindström, Å., Nilsson, L., Svensson, M., Svensson, S. & Tjernberg, M. 2012. Fåglarna i Sverige – antal och förekomst. SOF, Halmstad. Swedish Bird Survey. BirdLife Sverige, Annual Bird reports.
<b>Breeding short-term trend:</b> Species observation system, <a href="http://www.artportalen.se">www.artportalen.se</a>
<b>Breeding long-term trend:</b> BirdLife Sverige annual reports

### Turkey

<b>Winter population size:</b> Ebird Database and Midwinter Fowl Counts (2013-2018), Birdlife Estimate
<b>Winter short-term trend:</b> Midwinter bird counts 2012-2019
<b>Winter long-term trend:</b> Midwinter bird counts 1980-2019 and Historical Records come from OSME and other midwinter counts

### Ukraine

<b>Breeding population size:</b> Струс, Ю. М., Шидловський, І. В. and Горбань, І. М. (2018) 'Лучні кулики в басейні верхньої Прип'яті: просторове розміщення і динаміка чисельності', Бранта, 21, pp. 53–72. Available at: <a href="https://branta.org.ua/branta-pdf/21/05_strus.pdf">https://branta.org.ua/branta-pdf/21/05_strus.pdf</a> .
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*Limosa limosa* (Black-tailed Godwit)

**Ukraine**

**Breeding long-term trend:** 1. Струс, Ю. М., Шидловський, І. В. and Горбань, І. М. (2018) 'Лучні кулики в басейні верхньої Прип'яті: просторове розміщення і динаміка чисельності', Бранта, 21, pp. 53–72. Available at: [https://branta.org.ua/branta-pdf/21/05\\_strus.pdf](https://branta.org.ua/branta-pdf/21/05_strus.pdf). 2.

**United Kingdom: Western Europe/NW & West Africa**

**Breeding population size:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**Breeding short-term trend:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**Breeding long-term trend:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**United Kingdom: all non-breeding populations**

**Winter population size:** Frost, T.M., Austin, G.E., Hearn, R.D., McAvoy, S.G., Robinson, A., Stroud, D.A., Woodward, I.D. & Wotton, S.R. 2019. Population estimates of wintering waterbirds in Great Britain. British Birds 112: 130-145. 112: 130-145. Burke, B., Lewis, L.J., Frost, T., Austin, G. & Tierney, T.D. 2019. Estimates of waterbird numbers wintering in Ireland, 2011/12 - 2015/16. Irish Birds in press.

**Winter short-term trend:** Frost, T.M., Austin, G.E., Calbrade, N.A., Mellan, H.J., Hearn, R.D., Stroud, D.A., Wotton, S.R. & Balmer, D.E. (2018). Waterbirds in the UK 2016/17: The Wetland Bird Survey. BTO, RSPB and JNCC, in association with WWT. British Trust for Ornithology, Thetford. 40 pp.

**Winter long-term trend:** Frost, T.M., Austin, G.E., Calbrade, N.A., Mellan, H.J., Hearn, R.D., Stroud, D.A., Wotton, S.R. & Balmer, D.E. (2018). Waterbirds in the UK 2016/17: The Wetland Bird Survey. BTO, RSPB and JNCC, in association with WWT. British Trust for Ornithology, Thetford. 40 pp.

**United Kingdom: islandica**

**Breeding population size:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**Breeding short-term trend:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

**Breeding long-term trend:** RBBP; Holling, M. & the Rare Breeding Birds Panel. 2018. Rare breeding birds in the United Kingdom in 2016. British Birds 111: 644-694.

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