THE IUCN RED LIST
OF THREATENED SPECIES™

Tadorna tadorna (Common Shelduck)

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

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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.

Table 1. Reported national breeding population size and trends in Europe[1].

Country (or territory)[2]	Population estimate				Short-term population trend[5]				Long-term population trend[5]				Subspecific population (where relevant)
	Size (pairs)[3]	Europe (%)	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	
Albania	2–5	<1	2007-2018	complete	0	0	2007-2018	complete	+		1980-2018	expert	
Austria	30–60	<1	2013-2018	complete	+		2007-2018	complete	+	3000 to 6000	1990-2018	complete	
Azerbaijan	1000–1500	2	1996-2019	expert	0		2013-2019	expert	?		1980-2019	partial	
Belarus	5	<1	2010-2018	partial	0	-10 to 10	2012-2019	expert	0	0	1980-2019	expert	
Belgium	900–1300	2	2013-2018	partial	+	-3 to 41	2008-2018	partial	+	329 to 519	1973-2018	partial	
Bulgaria	30–60	<1	2005-2018	partial	?		2000-2018	partial	?		1980-2018	partial	
Czechia	13–20	<1	2014-2017	complete	+	900 to 1200	2001-2017	complete	+		1986-2016	complete	
Denmark	1200–1300	2	2017	partial	-	-44 to -20	2006-2017	complete	-	-68 to -60	1980-2017	complete	
Estonia	400–500	<1	2013-2017	partial	-	-28 to -22	2006-2017	partial	-	-81 to -74	1980-2017	partial	
Finland	300–400	<1	2013-2018	partial	0		2007-2018	partial	+		1980-2018	partial	
France	4000–6000	8	2009-2012	partial	?		2007-2018	deficient	+	300 to 400	1980-2012	expert	
Georgia	11–110	<1	2013-2017	partial	?			deficient	?				
Germany	6500–7500	11	2016-2016	expert	0		2004-2016	expert	0		1985-2016	expert	
Greece	400–600	<1	2013-2018	partial	+		2007-2018	partial	+		1980-2018	partial	
Hungary	15–38	<1	2013-2018	complete	+	200 to 280	2007-2018	complete	+	1400 to 3700	1996-2018	expert	
Iceland	300–400	<1	2018	partial	+		2006-2018	partial	+		1991-2018	partial	
Rep. Ireland	950–960	2	2008-2011	partial	+		1991-2011	expert	?		1980-2011	deficient	
Italy	440–500	<1	2010-2016	expert	+	45 to 70	2005-2007	expert	+	2400 to 4300	1993-2018	expert	
Latvia	150–320	<1	2013-2018	partial	+	202 to 224	2000-2018	partial	+	1561 to 1763	1980-2017	partial	
Lithuania	10–20	<1	2013-2018	partial	-	-60 to -33	2013-2018	partial	0		1980-2018	partial	
Moldova	18–26	<1	2014-2017	partial	+		2007-2018	partial	0		1990-2018	expert	
Montenegro	1–4	<1	2013-2018	complete	0		2007-2018	expert	?				
Netherlands	5700–9400	12	2013-2015	complete	+	13 to 30	2006-2017	complete	+	35 to 84	1984-2017	complete	
Norway	1500–2500	3	2013-2018	complete	?		2013-2018	partial	+	5 to 10	1980-2018	partial	
Poland	110–150	<1	2013-2015	expert	?		2007-2018	deficient	?		1980-2018	deficient	
Portugal	100–500	<1	2013-2018	partial	+		2007-2018	partial	+		2001-2018	partial	
Romania	400–4000	2	2013-2018	expert	?		2007-2018	deficient	?		1980-2018	deficient	
Russia	12000–18000	24	2010-2018	partial	-	0	2010-2018	partial	?		1980-2018	deficient	
Serbia	3–10	<1	2013-2018	partial	+	80 to 100	2007-2018	complete	+	80 to 100	1980-2018	complete	
Slovakia	0–2	<1	2013-2018	partial	?		2007-2018	partial	?		1980-2018	partial	
Slovenia	2–5	<1	2013-2018	complete	?		2007-2018	complete	+	100 to 400	1980-2018	complete	
Spain	600–2300	2	2007	partial	+		2007-2018	partial	+		1980-2018	partial	

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Country (or territory)[2]	Population estimate				Short-term population trend[5]				Long-term population trend[5]				Subspecific population (where relevant)
	Size (pairs)[3]	Europe (%)	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	
Sweden	4600–6100	8	2013-2018	partial	-	-40 to -20	2007-2018	partial	+	30 to 70	1980-2018	partial	
Turkey	600–1200	1	2002-2012	partial	?		2008-2019	deficient	?		1980-2013	deficient	
Ukraine	2000–3000	4	2011-2018	partial	F		2011-2018	partial	F		1980-2018	partial	
United Kingdom	7800–7900	13	2016	complete	0		2004-2016	complete	-		1980-2016	complete	
EU28	34700–49800	65											
Europe	**52100–76600**	**100**											

[1] 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.
[2] 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.
[3] 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.
[4] 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.
[5] 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.
[6] Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).
[7] Trend magnitudes are rounded to the nearest integer.

Table 2. Reported national wintering population sizes and trends in Europe[1]. 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)[2]	Population estimate				Short-term population trend[5]				Long-term population trend[5]				Subspecific population (where relevant)
	Size (individuals)[3]	Europe (%)	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	
Albania	450–2600	<1	2007-2018	complete	+	28 to 116	2007-2018	complete	+	0 to 50	1980-2018	complete	
Armenia	50–200	<1	2013-2018	partial	-	-25 to -15	2007-2018	partial	?		2003-2018	deficient	
Austria	30–150	<1	2013-2018	complete	+		2007-2018	complete	+		1981-2018	complete	
Azerbaijan	2000–10000	1	1996-2019	expert	?		2010-2019	expert	?		1980-2019	expert	
Belarus		<1	2013-2018	partial	?		2000-2012	deficient	?				
Belgium	3300–4800	<1	2013-2018	complete	?	-41 to 3	2007-2018	complete	-	-55 to -30	1992-2018	complete	
Bosnia & HG	10–60	<1	2015-2018	complete	?		2007-2018	deficient	?		1980-2018	deficient	
Bulgaria	750–9000	<1	2013-2018	complete	+	30 to 60	1999-2018	complete	F		1980-2018	complete	
Cyprus	750–2200	<1	2013-2018	partial	0	0	2007-2018	partial	-	-15 to -5	1980-2018	expert	
Denmark	21000–21100	5	2016-2016	complete	F		2006-2017	deficient	F		1980-2017	deficient	
France	45400–59300	13	2013-2018	complete	-	-18 to -2	2007-2018	complete	+	113 to 146	1980-2018	complete	
Germany	125000	29	2011-2016	complete	+	1 to 17	2003-2016	complete	+	40 to 180	1980-2016	complete	
Greece	6000–10000	2	2015	partial	+		2007-2018	partial	?		1980-2018	deficient	
Iceland	300–500	<1	2018	partial	+		2006-2018	partial	+		1980-2018	partial	
Rep. Ireland	6300–6400	2	2011-2016	complete	-		2004-2016	complete	-		1987-2016	partial	
Italy	35800–53500	10	2013-2015	partial	+	155 to 210	2009-2015	partial	+	450 to 730	1991-2015	partial	
North Macedonia	5–50	<1	2013-2018	complete	0		2010-2019	complete	0		1988-2018	complete	
Montenegro	30–100	<1	2013-2018	expert	0		2007-2018	expert	?				
Netherlands	55300–80300	16	2013-2017	complete	+	4 to 61	2006-2017	complete	+	15 to 85	1981-2017	complete	
Norway	21–300	<1	2010-2018	deficient	F		2013-2018	partial	F		1980-2018	deficient	
Portugal	510–2700	<1	2013-2018	complete	+	347 to 614	2007-2018	complete	+		1988-2018	partial	
Romania	490–8500	<1	2013-2018	partial	+	17 to 37	2013-2018	complete	+	11 to 45	2000-2018	complete	
Serbia	50–550	<1	2013-2018	complete	+	80 to 100	2013-2018	complete	+	80 to 100	1980-2018	complete	
Slovenia	26–160	<1	2013-2018	complete	+		2007-2018	complete	+		1980-2018	expert	
Spain	10200–17100	3	2007-2018	complete	+	10 to 16	2007-2018	complete	+		1980-2018	complete	
Switzerland	9–33	<1	2015-2019	complete	0	-26 to 33	2008-2019	complete	+	178 to 328	1980-2019	complete	
Turkey	6000–11800	2	2013-2019	complete	?		2008-2019	deficient	?		1980-2019	deficient	
Ukraine	4000–20000	2	2014-2017	partial	F		2007-2018	partial	F		1980-2018	partial	
United Kingdom	50800–50900	12	2012-2016	complete	-		2005-2016	complete	0		1980-2016	complete	
EU28	361000–443000	94											
Europe	**374000–497000**	**100**											

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Country (or territory)[2]	Population estimate				Short-term population trend[5]				Long-term population trend[5]				Subspecific population (where relevant)
	Size (individuals)[3]	Europe (%)	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	Direction[6]	Magnitude (%)[7]	Year(s)	Method[4]	

[1] 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.
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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%)
- Moderate increase (20–49%)
- Small increase (<20%)
- Increase of unknown magnitude
- Large decrease (≥50%)
- Moderate decrease (20–49%)
- Small decrease (<20%)
- 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

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

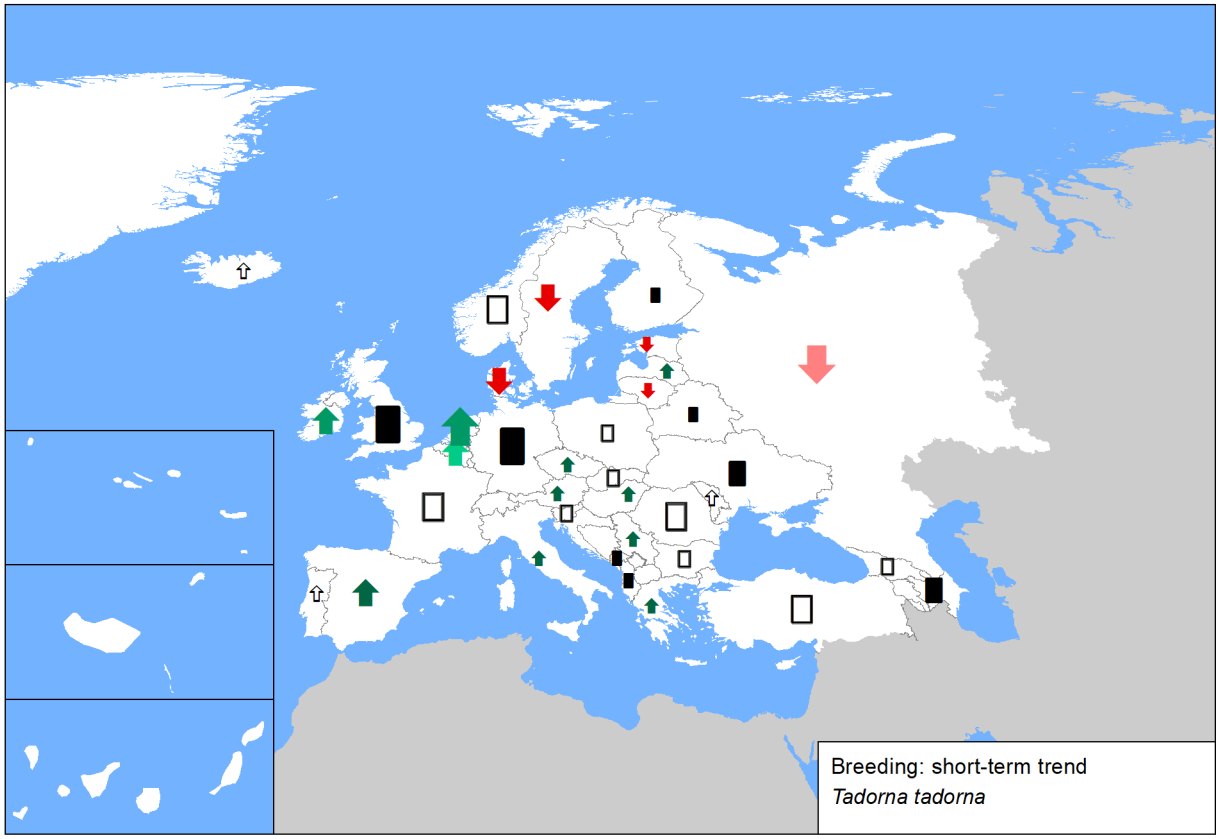


Figure 2. Breeding population sizes and long-term trends across Europe.

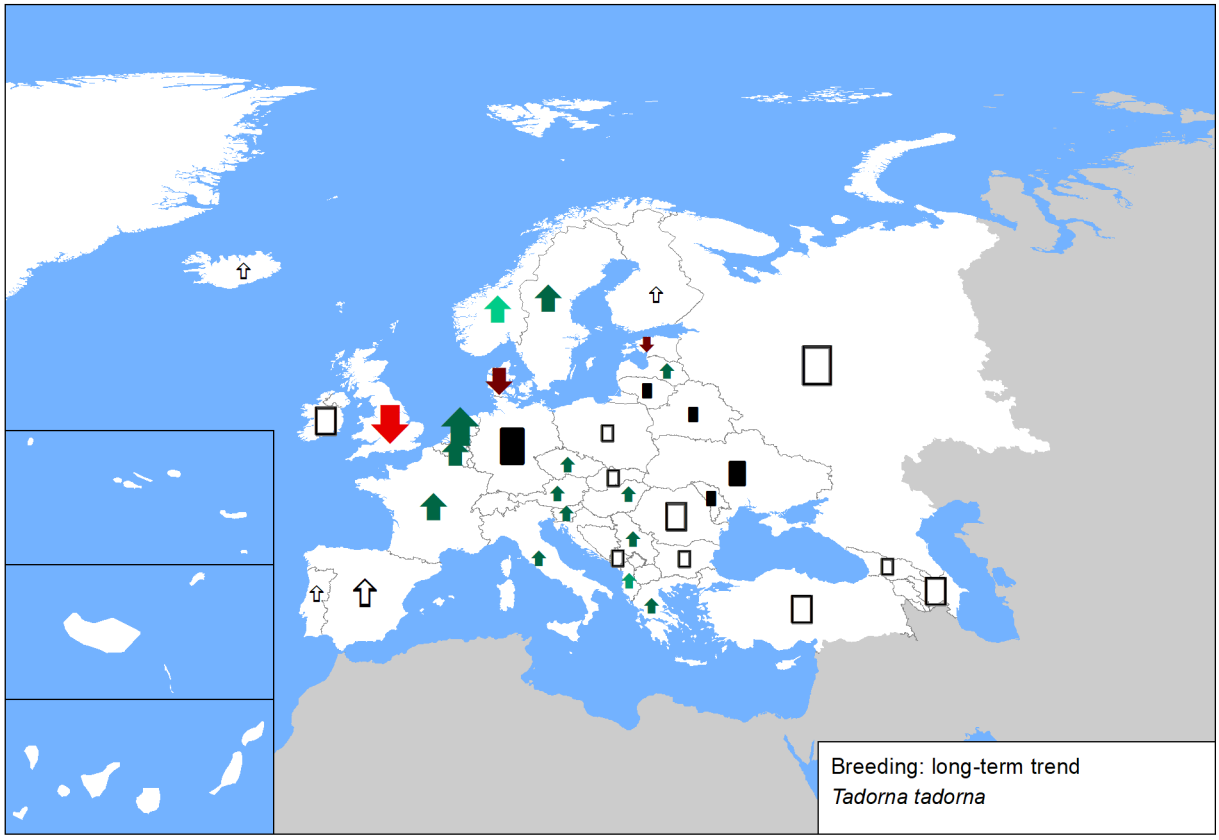


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

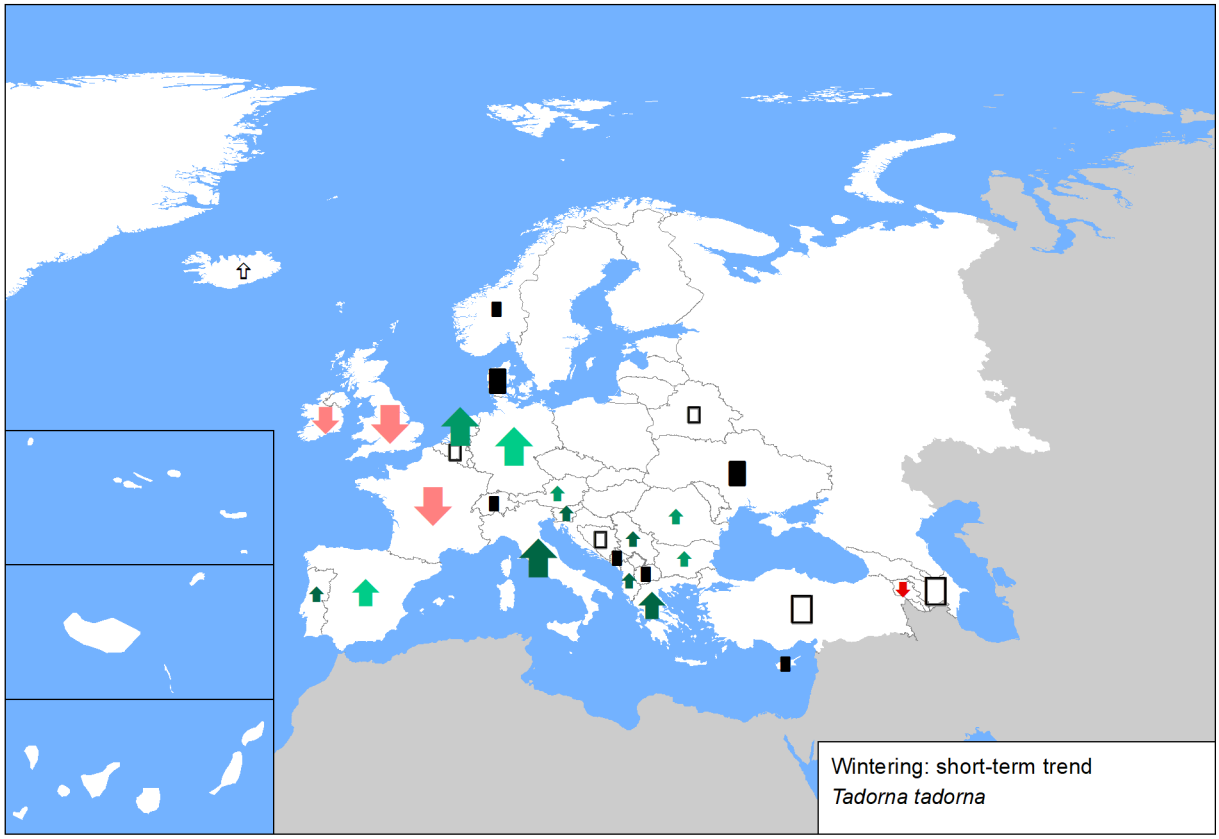
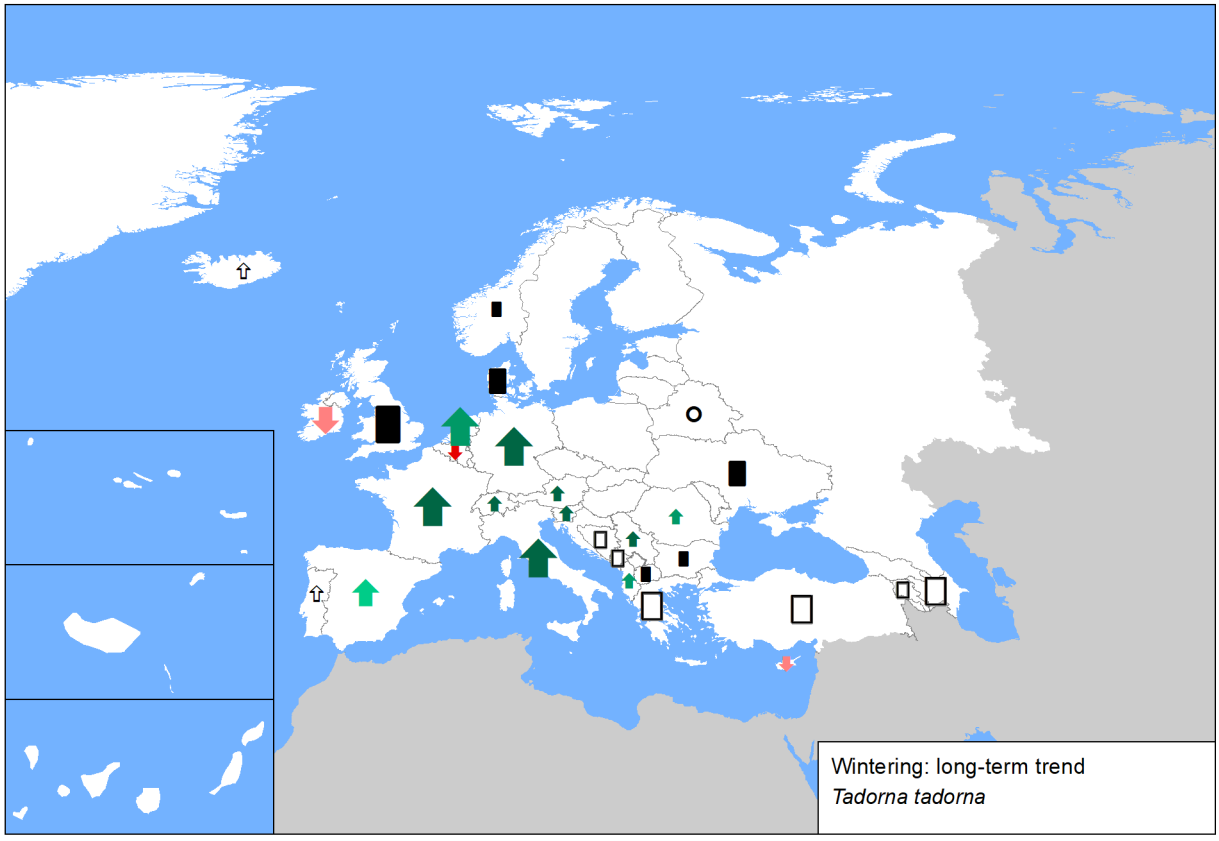


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



Sources

Albania

Breeding population size: Bino & Xeka pers. obs.
Breeding short-term trend: Bino & Xeka pers. obs.
Breeding long-term trend: Bino pers. obs.
Winter population size: Bino pers. obs.
Winter short-term trend: Bino et al. 2018
Winter long-term trend: Bino et al. 2018

Armenia

Winter population size: TSE NGO, National Bird Monitoring
Winter short-term trend: TSE calculations using TRIM
Winter long-term trend: TSE calculations using TRIM

Austria

Breeding population size: BirdLife Austria unpublished data from specific monitoring projects and from www.ornitho.at
Breeding short-term trend: BirdLife Austria unpublished data from specific monitoring projects
Breeding long-term trend: BirdLife Austria unpublished data from specific monitoring projects
Winter population size: BirdLife Austria, data of the International Waterfowl Counts (January count)
Winter short-term trend: BirdLife Austria, data of the International Waterfowl Counts (January count)
Winter long-term trend: BirdLife Austria, data of the International Waterfowl Counts (January count)

Azerbaijan

Breeding population size: BirdLife International 2004
Breeding short-term trend: AOS data base
Breeding long-term trend: AOS Data Base
Winter population size: AOS data base
Winter short-term trend: AOS Data Base
Winter long-term trend: AOS Data Base

Belarus

Breeding population size: 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”
Breeding long-term trend: Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.
Winter population size: Report of Belarussian Rarities Committee. //Subbuteo. - 2002. - V.5. - P.57-62

Belgium

Breeding population size: 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.
Breeding short-term trend: 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.
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Winter population size: Waterbird database INBO
Winter short-term trend: Waterbird database INBO & Aves
Winter long-term trend: Waterbird database INBO & Aves

Bosnia and Herzegovina

Winter population size: based on IWC reports-all reports published in magazine Bilten mreže posmatrača ptica (www.ptice.ba)
Winter short-term trend: based on IWC reports-all reports published in magazine Bilten mreže posmatrača ptica (www.ptice.ba)
Winter long-term trend: There are no qualitative data before 2005 to make estimates

Bulgaria

Breeding population size: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 96-97; National Art. 12 reporting database 2013-2018; Profirov L. (2011). Tadorna tadorna. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, http://e-ecodb.bas.bg/rdb/bg/). SPAs mapping in 2012 Common Bird Monitoring Scheme http://bspb.org/monitoring/

Tadorna tadorna (Common Shelduck)

Bulgaria

Breeding short-term trend: Iankov P. (ed.) 2007. Atlas of Breeding Birds in Bulgaria. Bulgarian Society for the protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 96-97; National Art. 12 reporting database 2013-2018; Profirov L. (2011). Tadorna tadorna. In: Red Data Book of Bulgaria, Golemanski G. (ed.), (web edition, http://e-ecodb.bas.bg/rdb/bg/).
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Winter short-term trend: Kostadinova I., S. Dereliev. 2001. Results from the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997-2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG, 96 pp.; National Art. 12 reporting database 2013-2018; Michev T., Profirov L. 2003. Mid-Winter Numbers of Waterbirds in Bulgaria (1977-2001). Pensoft, Sofia, 160 pp.
Winter long-term trend: Kostadinova I., S. Dereliev. 2001. Results from the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997-2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG, 96 pp. Michev T., Profirov L. 2003. Mid-Winter Numbers of Waterbirds in Bulgaria (1977-2001). Pensoft, Sofia, 160 pp.

Cyprus

Winter population size: Monthly waterbird counts by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports. Very poor data
Winter short-term trend: Monthly waterbird counts by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service; Analysis of recent BirdLife Cyprus bird sightings records reported in the society's annual reports.
Winter long-term trend: More recent records (2000 onwards) as above, pre-2000 records based on birdwatching records as reported in BirdLife Cyprus annual reports

Czechia

Breeding population size: Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017
Breeding short-term trend: 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. & Zárybnický 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.
Breeding long-term trend: Šťastný et al. 2006

Denmark

Breeding population size: Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017 & Mandrup, E. 1997, Hvor mange fugle yngler i Danmark, Dansk Ornitologisk Tidsskrift, nr 3, 1997
Breeding short-term trend: Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017
Breeding long-term trend: Charlotte M. Moshøj, Daniel Palm Eskildsen, Michael Fink Jørgensen & Thomas Vikstrøm, (2018): Overvågning af de almindelige fuglearter i Danmark 1975-2017
Winter population size: Nielsen, R.D., Holm, T.E., Clausen, P., Bregnballe. T., Clausen, K.K., Petersen, I.K., Sterup, J., Balsby, T.J.S., Pedersen, C.L., Mikkelsen, P. & Bladt, J. (2019). Fugle 2012-2017. NOVANA. Aarhus Universitet, DCE – Nationalt Center for Miljø og Energi. - Videnskabelig rapport nr. 314. http://dce2.au.dk/pub/SR314.pdf and http://novana.au.dk/fugle/
Winter short-term trend: There is no available data on either short-term or long-term trend
Winter long-term trend: Nielsen, R.D., Holm, T.E., Clausen, P., Bregnballe. T., Clausen, K.K., Petersen, I.K., Sterup, J., Balsby, T.J.S., Pedersen, C.L., Mikkelsen, P. & Bladt, J. (2019). Fugle 2012-2017. NOVANA. Aarhus Universitet, DCE – Nationalt Center for Miljø og Energi. - Videnskabelig rapport nr. 314. http://dce2.au.dk/pub/SR314.pdf and http://novana.au.dk/fugle/

Estonia

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: Estonian Working Group on Bird Status and Numbers

Finland

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Tadorna tadorna (Common Shelduck)

Greece

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Winter long-term trend: No data available

Hungary

Breeding population size: Expert opinions National Park Directorates' databases

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Iceland

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

Tadorna tadorna (Common Shelduck)

Romania

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Winter short-term trend: International Waterbird Census, Romania, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database
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