

Tadorna tadorna (Common Shelduck)

European Red List of Birds

Supplementary Material

The European Union (EU27) 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 2013-14. 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 (2015).

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Recommended citation

BirdLife International (2015) European Red List of Birds. Luxembourg: Office for Official Publications of the European Communities.

Further information

<http://www.birdlife.org/datazone/info/euroredlist>

<http://www.birdlife.org/europe-and-central-asia/european-red-list-birds-0>

<http://www.iucnredlist.org/initiatives/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.

Tadorna tadorna (Common Shelduck)

Table 1. Reported national breeding population size and trends in Europe¹.

Country (or territory) ²	Population estimate				Short-term population trend ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (pairs) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Albania	2-5	<1	2002-2012	medium	0	0	2002-2012	medium	-	10-20	1980-2012	poor	
Austria	25-35	<1	2008-2012	medium	+	10-30	2001-2012	medium	+	2500-3500	1990-2012	medium	
Azerbaijan	250-800	1	1996-2000	poor	?				?				
Belarus	0-5	<1	2000-2012	medium	?				0	0	1980-2012	medium	
Belgium	750-1,100	2	2008-2012	medium	0	0	2000-2012	medium	+	241-450	1973-2012	medium	
Bulgaria	30-60	<1	2005-2012	medium	?				?				
Czech Rep.	1-2	<1	2001-2012	good	?				+	100	1985-2012	medium	
Denmark	1,500	3	2011	medium	-	20-33	1999-2011	good	-	50-100	1980-2011	good	
Estonia	400-800	1	2008-2012	medium	-	20-50	2001-2012	medium	-	20-50	1980-2012	medium	
Finland	250-400	1	2006-2010	medium	0	0	2001-2012	medium	+	66-233	1980-2010	medium	
France	4,000-4,500	7	2010-2011	good	+	90-110	2000-2011	medium	+	200-250	1980-2011	medium	
Georgia	Present	<1			?				?				
Germany	6,500-8,000	12	2005-2009	good	0	0	1998-2009	medium	0	0	1985-2009	medium	
Greece	350-600	1	2008-2012	medium	+	400-1000	1995-2012	poor	+	20-300	1980-2012	medium	
Hungary	5-10	<1	2010-2012	medium	+	50-80	2000-2012	good	+	400-900	1996-2012	medium	
Iceland	60-80	<1	2010-2011	poor	+	30-50	2010-2011	good	+	30-50	1980-2012	medium	
Rep. Ireland	958	2	2008-2011	medium	+	30	1991-2011	medium	?				
Italy	300	1	2005-2007	medium	+	55-105	1999-2007	medium	+	1900-2900	1983-2007	medium	
Latvia	56-87	<1	2000-2004	good	?				+	472	1980-2004	good	
Lithuania	30-50	<1	2008-2012	medium	0	0	2001-2012	medium	+	20-50	1980-2012	good	
Moldova	0-3	<1	2000-2010	medium	+	0-10	2000-2010	medium	F	0-5	1980-2010	medium	
Montenegro	0-5	<1	2002-2012	good	-		2002-2012	good	?				
Netherlands	3,757-8,185	9	2008-2011	medium	0	0	2002-2011	good	+	16-99	1984-2011	good	
Norway	1,600-3,200	4	2000-2013	poor	?				?				
Poland	110-150	<1	2008-2012	good	0	0	2000-2012	medium	0	0	1980-2012	medium	
Portugal	9-19	<1	2012	good	+	200-850	2001-2012	medium					
Romania	300-600	1	2008-2013	medium	?				0	0	1980-2012	poor	
Russia	6,000-8,000	12	2000-2004	medium	?				+	5-30	1980-2012	medium	
Serbia	4-7	<1	2008-2012	medium	+	30	2000-2012	medium	+		1980-2012	medium	
Slovakia	0-2	<1	2012	medium	?				?				
Slovenia	3-8	<1	2008-2012	good	+	100	2001-2012	good	+	100	1980-2012	good	
Spain	600-2,250	2	2007	medium	+		1998-2009	medium	+		1980-2010	medium	

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	Size (pairs) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Sweden	5,900-9,300	13	2008-2012	medium	+	10-30	2001-2012	good	+	150-250	1980-2012	good	
Turkey	600-1,200	1	2013	poor	+	0-19	2000-2012	poor	+	0-19	1990-2013	medium	
Ukraine	1,400-1,700	3	2000	medium	F	10-15	2001-2012	medium	F	15-25	1980-2012	medium	
United Kingdom	15,000	26	2009	medium	+	24	1998-2010	good	-	52	1980-2010	good	
EU27	40,800-53,900	79			Increasing								
Europe	50,800-68,900	100			Increasing								

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 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.

⁵ Trend directions are reported as: increasing (+); decreasing (-); stable (0); fluctuating (F); or unknown (?).

⁶ Trend magnitudes are rounded to the nearest integer.

Tadorna tadorna (Common Shelduck)

Table 2. Reported national wintering population sizes and trends in Europe¹. 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 ⁴				Long-term population trend ⁴				Subspecific population (where relevant)
	Size (individuals) ³	Europe (%)	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	Direction ⁵	Magnitude (%) ⁶	Year(s)	Quality	
Albania	350-1,200	<1	2002-2012	good	0	0	2002-2012	good	+	10-20	1980-2012	medium	
Armenia	2-56	<1	2002-2013	good	?				?				
Azerbaijan	2,000-10,000	1	1996-2002	good	?				?				
Belarus	0-3	<1	2000-2012	medium	0	0	2000-2012	medium	?				
Belgium	4,040-5,407	1	2008-2012	good	-	6-8	2001-2012	good	-	2-3	1992-2012	good	
Bosnia & HG	1-10	<1	2008-2013	medium	F	50-70	2000-2013	medium	?				
Bulgaria	1,300-4,600	1	2008-2011	good	+	30-60	1999-2011	good	F	20-30	1980-2012	good	
Cyprus	600-2,200	<1	2001-2012	good	+	5-15	2001-2012	medium	-	5-15	1980-2012	medium	
Denmark	32,400	9	2008	good	0	0-25	2000-2011	good	0	0	1980-2011	good	
France	63,738	18	2008-2012	good	+	31-53	2000-2012	good	+	250-280	1980-2012	good	
Germany	93,000	26	2000-2005	good	F	0	1997-2009	good	F	0	1987-2009	good	
Greece	5,552-15,697	3	2007-2013	good	+	301	2004-2013	good	+	124	1982-2013	good	
Rep. Ireland	7,230	2	2006-2011	good	F	0	1999-2011	good	0	0	1987-2011	medium	
Italy	11,575-20,689	4	2007-2009	good	+	95-100	2000-2009	good	+	80-220	1991-2009	good	
FYRO Macedonia	0-10	<1	2001-2012	poor	?				?				
Montenegro	30-100	<1	2003-2012	good	0	0	2003-2012	good	0	0	1991-2012	good	
Netherlands	36,264-50,907	12	2006-2010	good	0	0	2000-2011	good	0	0	1981-2011	good	
Norway	353	<1	1994-2003	medium	F	0	2001-2013	good	F	0	1980-2013	good	
Portugal	200	<1	2008-2012	good	+	500-600	2001-2012	medium	+	2000-2300	1980-2012	medium	
Romania	400-1,500	<1	2008-2013	medium	+	4-17	2000-2013	medium	?				
Serbia	40-100	<1	2008-2012	medium	+	10-20	2000-2012	medium	+		1980-2012		
Spain	6,636-7,250	2	2008-2010	good	+	277	2000-2010	good	+	3	1980-2009	good	
Switzerland	14-53	<1	2008-2012	good	+	1-112	2001-2012	medium	+	200-300	1980-2012	medium	
Turkey	952-5,865	1	2002-2012	good	F	0	2002-2012	poor	?				
Ukraine	700-19,000	1	1998-2009	medium	F	30-50	1998-2009	medium	F	25-50	1980-2009	medium	
United Kingdom	66,000	18	2004-2008	good	-	17	1999-2010	good	-	11	1980-2010	good	
EU27	329,000-371,000	95			Increasing								
Europe	333,000-408,000	100			Increasing								

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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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⁶ 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 ($\geq 50\%$) | ↓ Large decrease ($\geq 50\%$) |
| ↑ 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: $\geq 10\%$ 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.

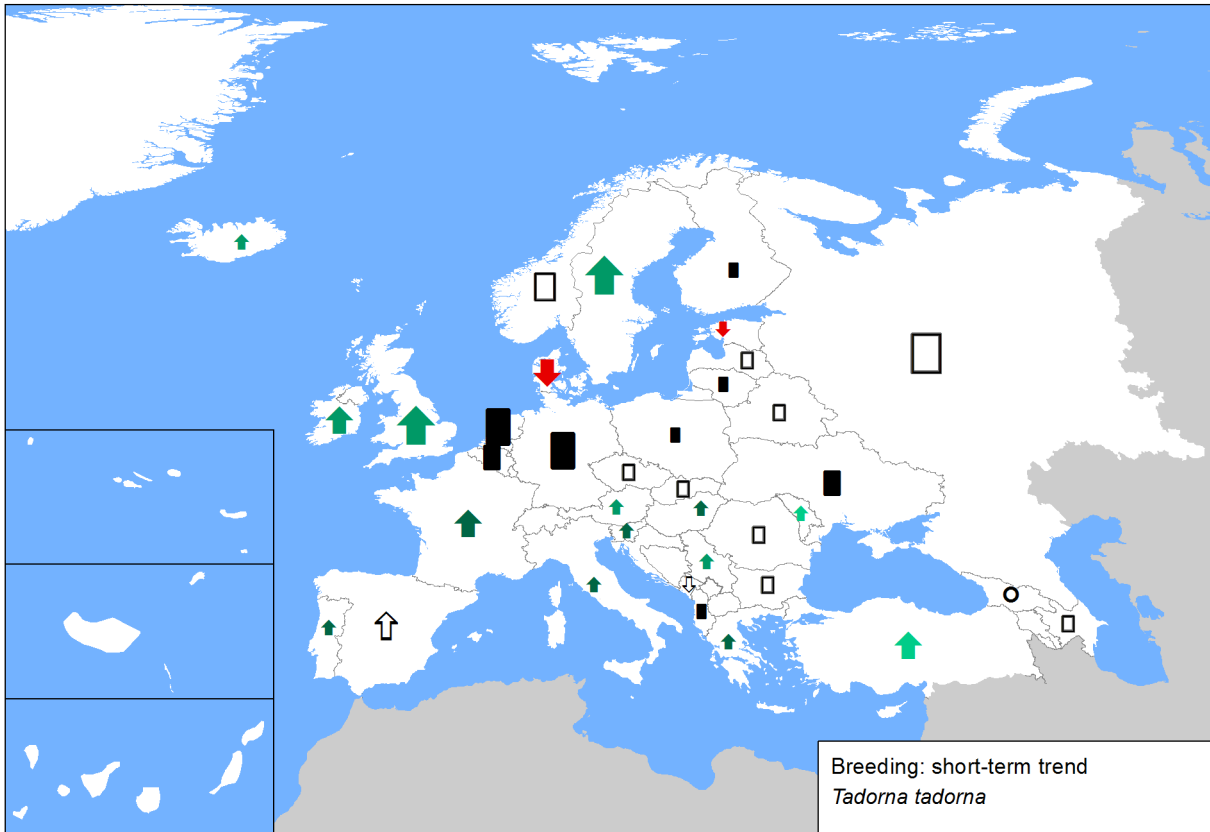


Figure 2. Breeding population sizes and long-term trends across Europe.

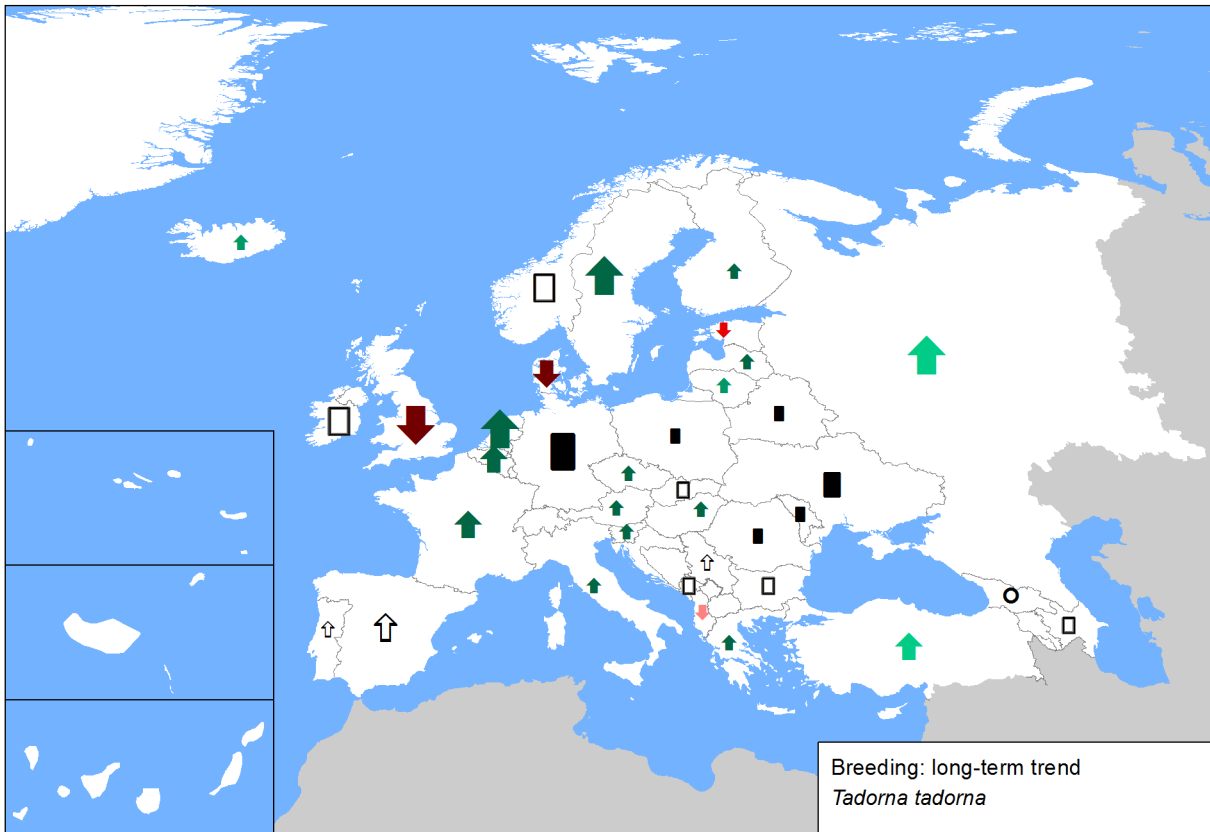


Figure 3. Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

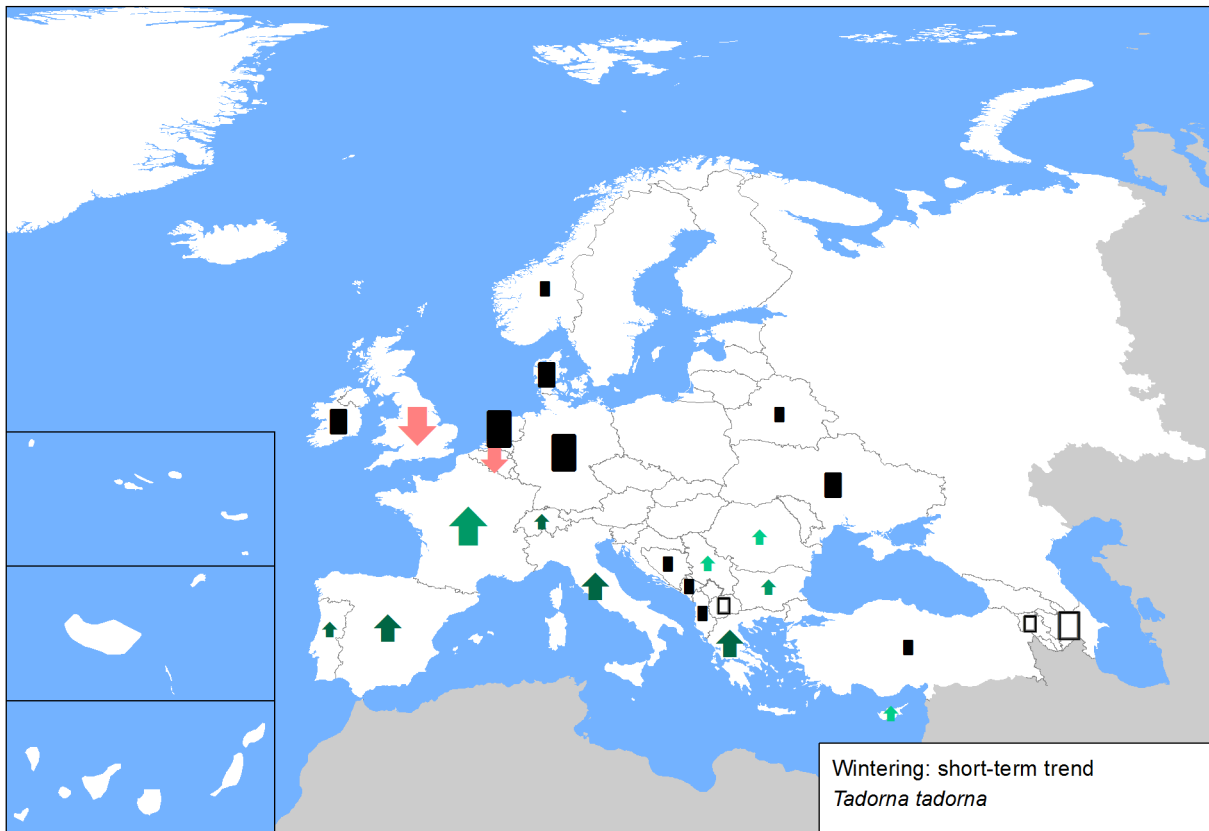
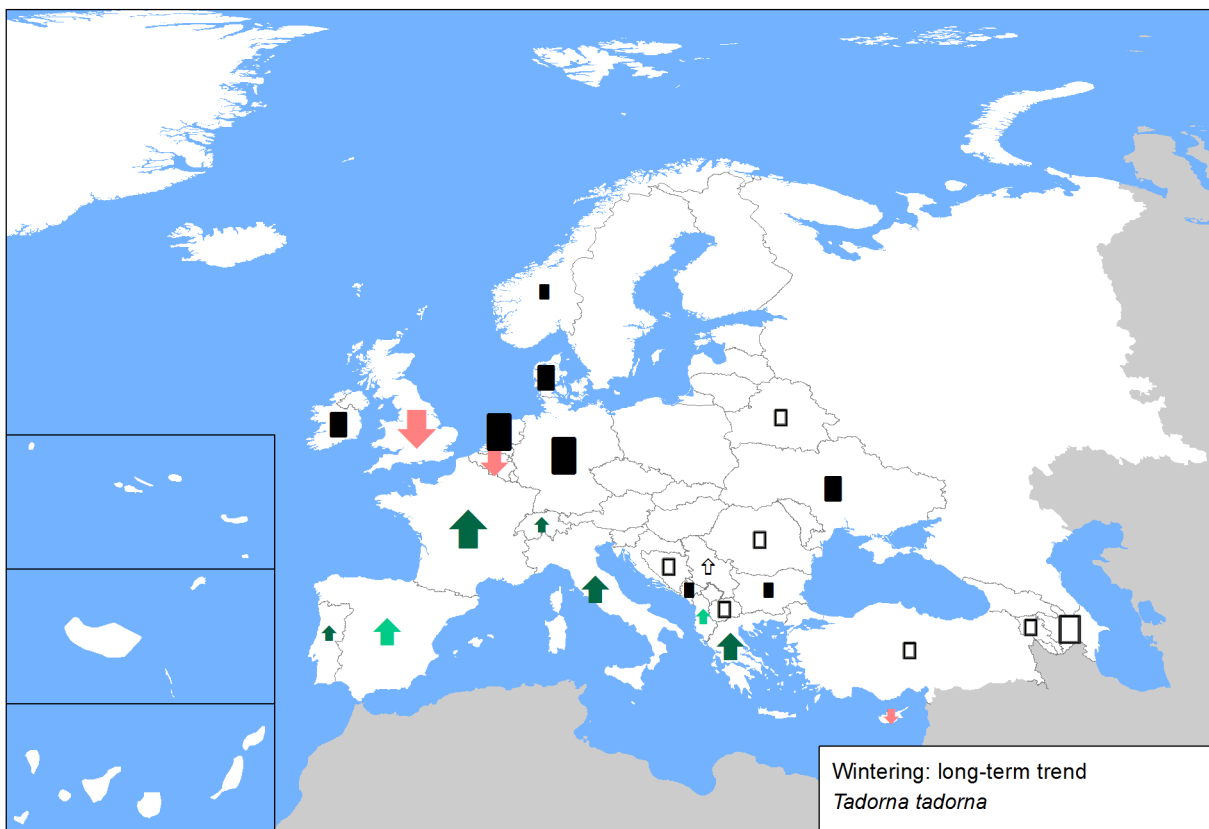


Figure 4. Reported wintering population sizes and long-term trends across Europe. Note that some countries within the species' wintering range did not report any data.



Sources

Albania

Breeding population size: Bino pers. obs.
Breeding short-term trend: Bino pers. obs.
Breeding long-term trend: Bino pers. obs.
Winter population size: Bino pers. obs.
Winter short-term trend: Bino pers. obs.
Winter long-term trend: Bino pers. obs.

Armenia

Winter population size: ASPB IWC counts
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Austria

Breeding population size: M. Dvorak, unpublished data, Sabathy & Schuster (2004), Brader & Aubrecht (2003)
Breeding short-term trend: M. Dvorak, unpublished data, Sabathy & Schuster (2004), Brader & Aubrecht (2003)
Breeding long-term trend: Brader & Aubrecht (2003), M. Dvorak, unpublished data

Azerbaijan

Breeding population size: BirdLife International 2004
Winter population size: BirdLife International 2004

Belarus

Breeding population size: Report of Belarussian Rarities Committee. //Subbuteo. - 2001. - V.4. - P.25-40 Report of Belarussian Rarities Committee. //Subbuteo. - 2004. - V. 7. P.49-64 Report of Belarussian Rarities Committee. //Subbuteo. - 2008. - V.9. P.64-70 Report of Belarussian Rarities Committee. //Subbuteo. - 2011. - V.10. - P. 62-81
Breeding short-term trend: BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series, No 12).
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Belgium

Breeding population size: Data Breeding Bird atlas Wallonia (Jacob et al 2010), Brussels (Weiserbs 2012) and Flanders (Vermeersch et al 2004) in combination with trend data.
Breeding short-term trend: Rare bird panel
Breeding long-term trend: Comparison between 2008-2012 estimate and Devillers, 1989 (Atlas of the Belgian Breeding Bird) population estimate
Winter population size: waterbird database INBO + Aves
Winter short-term trend: waterbird database INBO and Aves
Winter long-term trend: waterbird database INBO and Aves

Bosnia and Herzegovina

Winter population size: Kotrošan, D., Dervović, I., 2010: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini za period od 2008. do 2010. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 6(6): 23-45., Dervović, I. & Kotrošan, D., 2011/2012: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini u 2011. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 44-55., Topić, G. & Kotrošan, D., 2011/2012: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2012. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 56-73., Topić, G., 2013: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2013. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 14-40.
Winter short-term trend: Dervović, I. 2005: Rezultati januarskog brojanja vodenih ptica 1998-2005. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 1(1): 43-45. Dervović, I. 2006: Rezultati zimskog prebrojavanja ptica močvarica u Bosni i Hercegovini u 2006. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 2(2): 20-22. Dervović, I. 2007: Izveštaj o januarskom prebrojavanju vodenih ptica u 2007. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 3(3): 47. Kotrošan, D., Dervović, I., 2010: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini za period od 2008. do 2010. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 6(6): 23-45., Dervović, I. & Kotrošan, D., 2011/2012: Rezultati zimskog brojanja ptica močvarica u Bosni i Hercegovini u 2011. godini. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 44-55., Topić, G. & Kotrošan, D., 2011/2012: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2012. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 56-73., Topić, G., 2013: Rezultati Međunarodnog cenzusa ptica vodenih staništa u Bosni i Hercegovini 2013. godine. Bilten Mreže posmatrača ptica u Bosni i Hercegovini, 7-8(7-8): 14-40.

Bulgaria

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Cyprus

Winter population size: Monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service
Winter short-term trend: For the period 2005-12, based on systematic monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service. For the period 2001-2004, based on birdwatching records as reported in BirdLife Cyprus annual reports (which included annual January waterbirds counts records)
Winter long-term trend: For the period 2005-12, based on systematic monthly waterbird counts (maxima from Dec, Jan and Feb counts) by BirdLife Cyprus and Game & Fauna Service, as published in BirdLife Cyprus monthly checklists and also by the Game & Fauna Service. For the period 1980-2004, based on birdwatching records as reported in BirdLife Cyprus annual reports (which included annual January waterbirds counts records)

Czech Republic

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Denmark

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Estonia

Breeding population size: Elts, J., Leito, A., Leivits, A., Luigujõe, L., Mägi, E., Nellis, Rein, Nellis, Renno, Ots, M., Pehlak, H. 2013. Status and numbers of Estonian birds, 2008-2012. <i>Hirundo</i> 26(2): 80-112. URL: http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf .
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Finland

Breeding population size: Archipelago Bird Census data and the 2010 Red List estimate.
Breeding short-term trend: BirdLife Finland 2013: Regional observation summary database of Finnish birdwatching societies on scarce bird species.
Breeding long-term trend: Archipelago Bird Census data.

France

Breeding population size: Issa, N. & Boutin, J.-M. 2012 Issa, N. 2012. Anatidés nicheurs de France. Enquête 2010-2011, LPO, Rochefort, 24 p.
Breeding short-term trend: Issa, N. 2012 Anatidés nicheurs en France enquête 2010-2011. Inventaires : année 2, Rochefort, LPO/MEDDTL, 24
Breeding long-term trend: Issa, N. 2012 Anatidés nicheurs en France enquête 2010-2011. Inventaires : année 2, Rochefort, LPO/MEDDTL, 24
Winter population size: LPO - Wetlands International 2012 Base de données des dénombrements d'oiseaux d'eau « Wetlands International » 1980-2012 réalisés à la mi-janvier, LPO - BirdLife France, Rochefort
Winter short-term trend: LPO - Wetlands International 2012 Base de données des dénombrements d'oiseaux d'eau « Wetlands International » 1980-2012 réalisés à la mi-janvier, LPO - BirdLife France, Rochefort
Winter long-term trend: LPO - Wetlands International 2012 Base de données des dénombrements d'oiseaux d'eau « Wetlands International » 1980-2012 réalisés à la mi-janvier, LPO - BirdLife France, Rochefort

Georgia

Breeding population size: BirdLife International 2004
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Germany

Breeding population size: Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.
Breeding short-term trend: Dachverband Deutscher Avifaunisten e.V.
Breeding long-term trend: Dachverband Deutscher Avifaunisten e.V.
Winter population size: Wahl, J., J. Bellebaum, J. Blew, S. Garthe, K. Günther & T. Heinicke (in Vorb.): Rastende Wasservögel in Deutschland 2000-2005: Bestandsschätzungen und Schwellenwerte für Rastgebiete nationaler Bedeutung. Vogelwelt.
Winter short-term trend: Trilateral Monitoring and Assessment Programme
Winter long-term trend: Trilateral Monitoring and Assessment Programme

Greece

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Breeding short-term trend: BirdLife International 2004. Birds in Europe - Population estimates, trends and conservation status. Cambridge, UK, BirdLife International (BirdLife Conservation Series No 12).
Breeding long-term trend: Handrinos, G. & Akriotis, T. 1997. The Birds of Greece. Helm.
Winter population size: Midwinter Counts Database, Hellenic Ornithological Society
Winter short-term trend: Midwinter Counts Database, Hellenic Ornithological Society
Winter long-term trend: Midwinter Counts Database, Hellenic Ornithological Society

Hungary

Breeding population size: Barabás, L. (2013): Breeding distribution of Hungarian Duck species. Hungarian Waterfowl Publications 23: 79-120. MME Nomenclator Bizottság (2008) Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278. Breeding bird (MME RTM) database.
Breeding short-term trend: MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278.
Breeding long-term trend: MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278.

Iceland

Breeding population size: Jón Einar Jónsson. 2011. Brandendur í Borgarfirði 2007 og 2008. Bliki 31: 25-30.
Breeding short-term trend: Jón Einar Jónsson. 2011. Brandendur í Borgarfirði 2007 og 2008. Bliki 31: 25-30.
Breeding long-term trend: The Icelandic Institute of Natural History

Republic of Ireland

Breeding population size: Balmer, D., Gillings, S., Caffrey, B., Swan, B., Downie, I. & Fuller, R. (2013) Bird Atlas 2007-11 The breeding and wintering birds of Britain and Ireland. British Trust for Ornithology. Gibbons D.W., Reid J.B. & Chapman R.A. (1993) The New Atlas of Breeding Birds in Britain and Ireland 1988-1991. Poyser, London.
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Breeding long-term trend: Brichetti P & Fracasso G. 2013. Ornitologia italiana. Vol. 1/2: Anatidae. Oasi Alberto Perdisa, Bologna
Winter population size: IWC ISPRA
Winter short-term trend: IWC ISPRA; Eugenio Dupré in litt. 04-Aug-2014
Winter long-term trend: IWC ISPRA Baccetti N, Dall'Antonia P, Magagnoli P, Melega L, Serra L, Soldatini C & Zenatello M. 2002. Risultati dei censimenti degli uccelli acquatici svernanti in Italia: distribuzione, stima e trend delle popolazioni nel 1991-2000. Biol. Cons. Fauna 111: 1-240

Latvia

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Breeding long-term trend: Priednieks J., Strazds M., Strazds A., Petrins A. 1989. Latvian Breeding Bird Atlas 1980-1984. Rīga: Zinatne. Kerus V. 2011. Latvijas ligzdojoso putnu stavokla parmainas laika no 1980. līdz 2010. gadam. Promocijas darbs. Rīga: Latvijas Universitāte

Tadorna tadorna (Common Shelduck)

Lithuania

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The Former Yugoslav Republic of Macedonia

Winter population size: M. Veleviski, unedited data

Moldova

Breeding population size: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p

Breeding short-term trend: The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p

Breeding long-term trend: Аверин Ю. В., Ганя И.М., Успенский Г. Птицы Молдавии, Кишинев, 1981, 240p Unpublished data from reports of laboratory Ornithology

Montenegro

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Breeding short-term trend: Puzovic, S., Simic, D., Saveljić, D., Gergelj, J., Tucakov, M., Stojnic, N., Hulo, I., Ham, I., Vizi, O., Sciban, M., Ruzic, M., Vucanovic, M., Jovanovic, T. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12,

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Netherlands

Breeding population size: NEM, Sovon en CBS, SOVON (2002)

Breeding short-term trend: NEM, Sovon en CBS, Boele et al. (2013)

Breeding long-term trend: NEM, Sovon en CBS

Winter population size: Hornman et al 2012

Winter short-term trend: NEM (Sovon, RWS, CBS), Hornman et al 2013

Winter long-term trend: NEM (Sovon, RWS, CBS), Hornman et al 2013

Norway

Breeding population size: County bird recording committees (LRSK)

Winter population size: Svorkmo-Lundberg, T., Bakken, V., Helberg, M., Mørk, K., Røer, J.E. & Sæbø, S. 2006. Norsk VinterfuglAtlas. Fuglenes utbredelse, bestandsstørrelse og økologi vinterstid. Norsk Ornitologisk Forening, Trondheim. 496 pp.

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Winter long-term trend: 1). Www.artsobservasjoner.no 2). County bird recorders.

Poland

Breeding population size: Wilk T., Jujka M., Krogulec J., Chylarecki P. (red.) 2010. Ostoje ptaków o znaczeniu międzynarodowym w Polsce. OTOP, Marki; Sikora A., Ławicki Ł., Kajzer Z., Antczak J., Kotlarz B. 2013. Rzadkie gatunki ptaków lęgowe na Pomorzu w latach 2000–2012. Ptaki Pomorza 4

Breeding short-term trend: Chylarecki P., Sikora A. 2007. Ocena liczebności gatunków lęgowych w Polsce. W: Sikora A., Rohde Z., Gromadzki M., Neubauer G., Chylarecki P. (red.). Atlas rozmieszczenia ptaków lęgowych Polski 1985–2004. Bogucki Wyd. Nauk., Poznań, s. 34–41; BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. BirdLife International Series No. 12.

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Portugal

Breeding population size: Informação ICNF

Breeding short-term trend: Equipa Atlas (2008). Atlas das Aves Nidificantes em Portugal (1999-2005). Instituto da Conservação da Natureza e da Biodiversidade, Sociedade Portuguesa para o Estudo das Aves, Parque Natural da Madeira e Secretaria Regional do Ambiente e do Mar. Assírio e Alvim. Lisboa;

Breeding long-term trend: The species only breeds in Portugal since 2000

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: Programa Nacional de Monitorização de Aves Aquáticas Invernantes

Romania

Breeding population size: SOR database

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Winter population size: International Waterbird Census, Romania SOR Database Milvus Database
Winter short-term trend: International Waterbird Census, Romania SOR Database Milvus Database
Winter long-term trend: International Waterbird Census, Romania SOR Database Milvus Database

Russia

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Breeding short-term trend: BPSSS (2014) Unpublished data
Breeding long-term trend: BPSSS (2014) Unpublished data
Winter population size: Šćiban M, Đapčić D, Sekereš O, Đorđević I, Ružič M, Stanković D, Radišić D, Gergelj J, Janković M, Radaković M, Rudić B, Agošton A, Dajović M. & Simić D. (2011): Rezultati Međunarodnog cenzusa ptica vodenih staništa u Srbiji 2012. godine. Ciconia 20: 120–1
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Slovenia

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Spain

Breeding population size: Palomino, D. y B. Molina (Eds) (2009). Aves acuáticas reproductoras en España, Población en 2007 y método de censo. Seguimiento de Aves 26. SEO/BirdLife. Madrid. 210 pp. http://www.magrama.gob.es/es/biodiversidad/temas/inventarios-nacionales/26_aves_acuaticas_reproductoras_tcm7-218238.pdf
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Winter population size: SEO/BirdLife (2012). Atlas de las aves en invierno en España 2007-2010. Ministerio de Agricultura, Alimentación y Medio Ambiente-SEO/BirdLife. Madrid. 816 pp. http://www.magrama.gob.es/es/biodiversidad/publicaciones/atlas_aves_invierno_tcm7-291664.pdf
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Sweden

Breeding population size: 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. Sveriges Ornitologiska Förening, Halmstad.
Breeding short-term trend: Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

Tadorna tadorna (Common Shelduck)

Sweden

Breeding long-term trend: Swedish Bird Survey (Svensk Fågeltaxering), Lund University.

Switzerland

Winter population size: Swiss Ornithological Institute. Winter waterbird census (January). <http://www.vogelwarte.ch/monitoring-wintering-waterbirds.html> Min Max of total count

Winter short-term trend: Swiss Ornithological Institute. Winter waterbird census (January). <http://www.vogelwarte.ch/monitoring-wintering-waterbirds.html> Min Max refer to 95% Confidence interval.

Winter long-term trend: Swiss Ornithological Institute. Winter waterbird census (January). <http://www.vogelwarte.ch/monitoring-wintering-waterbirds.html> Min Max refer to estimates based on linear regression (CI not calculated - model error)

Turkey

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Breeding long-term trend: BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: BirdLife International (BirdLife Conservation series no: 12)

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Winter short-term trend: Doğa Derneği

Ukraine

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Tadorna tadorna (Common Shelduck)

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