

***Phylloscopus trochilus* (Willow Warbler)**

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).

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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.

Phylloscopus trochilus (Willow Warbler)

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

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	0	<1	2007-2018	partial	-	-100 to 0	2007-2018	partial	-	-100 to 0	1980-2018	expert	
Austria	25000–45000	<1	2013-2018	partial	0		2007-2018	complete	?		1981-2018	deficient	
Belarus	1000000–1250000	2	2010-2018	partial	+	10 to 50	2012-2019	expert	0	0	1980-2019	expert	
Belgium	28200–51300	<1	2013-2018	expert	-	-52 to -27	2008-2018	complete	-	-78 to -61	1973-2018	partial	
Croatia	25–150	<1	2014-2014	expert	?		2007-2018	deficient	?		1980-2018	deficient	
Czechia	450000–900000	1	2014-2017	complete	-		2007-2018	complete	-		1982-2018	complete	
Denmark	298000–299000	<1	2017	partial	-	-44 to -26	2006-2017	complete	-	-73 to -68	1980-2017	complete	
Estonia	500000–600000	<1	2013-2017	expert	-	-44 to -43	2007-2018	expert	-	-55 to -52	1983-2018	expert	
Finland	6740000–7940000	12	2013-2018	complete	+	1 to 8	2007-2018	complete	-	-38 to -29	1980-2018	complete	
France	100000–200000	<1	2013-2018	partial	-		2007-2018	complete	-		2001-2018	partial	
Georgia	present	<1		deficient	?			deficient	?				
Germany	790000–1200000	2	2016-2016	complete	-	-22 to -11	2004-2016	complete	-		1980-2016	expert	
Hungary	15000–20000	<1	2014-2018	expert	?		2007-2018	complete	0		1980-2018	partial	
Rep. Ireland	1320000–4330000	3	2011-2016	complete	+	38 to 53	2006-2016	complete	?		1980-2016	deficient	
Latvia	558000–727000	1	2016-2016	complete	0	-24 to 9	2005-2018	complete	0	16 to 17	1991-2016	partial	
Lithuania	100000–200000	<1	2013-2018	partial	0	0	2013-2018	partial	0	0	1980-2018	partial	
Luxembourg	8000–10000	<1	2013-2018	partial	-	-20 to -10	2007-2018	complete	?		1980-2018	expert	
Moldova	140–200	<1	2014-2017	partial	+		2007-2018	partial	0		1990-2018	expert	
Netherlands	150000–250000	<1	2013-2015	complete	-	-17 to -5	2006-2017	complete	-	-28 to -12	1984-2017	complete	
Norway	4500000–11000000	11	2013-2018	expert	0		2013-2018	partial	-	-10 to -5	1980-2018	partial	
Poland	2930000–3320000	5	2013-2018	complete	0	-5 to 8	2007-2018	complete	?		1980-2018	deficient	
Romania	5000–50000	<1	2013-2018	expert	?	-9 to 6	2008-2018	partial	?		1980-2018	deficient	
Russia	23000000–26000000	38	2006-2018	partial	-	-20 to -10	2006-2018	partial	-	-29 to -20	1986-2018	partial	
Serbia	5–15	<1	2013-2018	deficient	?		2007-2018	deficient	?		1980-2018	deficient	
Slovakia	400000–600000	<1	2013-2018	partial	0		2007-2018	expert	0		1980-2018	expert	
Slovenia	300–400	<1	2002-2017	complete	?		2008-2018	deficient	?		1980-2018	deficient	
Spain	60	<1	1998-2018	complete	?		2007-2018	deficient	?		1980-2018	deficient	
Sweden	7930000–18500000	20	2013-2018	partial	-	-10 to -4	2007-2018	partial	-	-46 to -40	1980-2018	partial	
Switzerland	4000–5000	<1	2013–2016	partial	-	-56 to -27	2007-2018	complete	-	-75 to -64	1990-2018	complete	
Ukraine	200000–500000	<1	2015-2017	partial	?		2007-2019	deficient	0		1980-2019	expert	
United Kingdom	2300000–2310000	4	2016	complete	0		2004-2016	complete	-		1980-2016	complete	
EU28	24600000–41500000	49											

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

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	
Europe	53300000–80300000	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.

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

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.

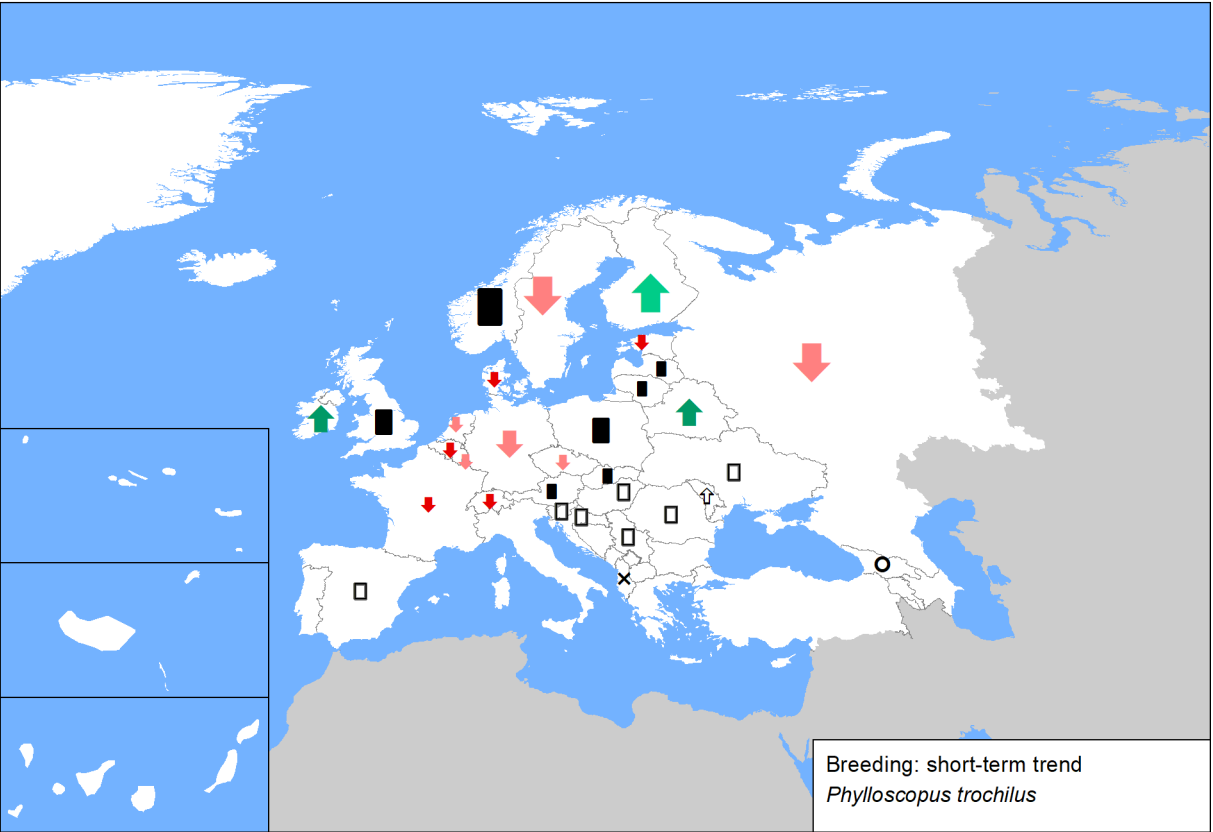
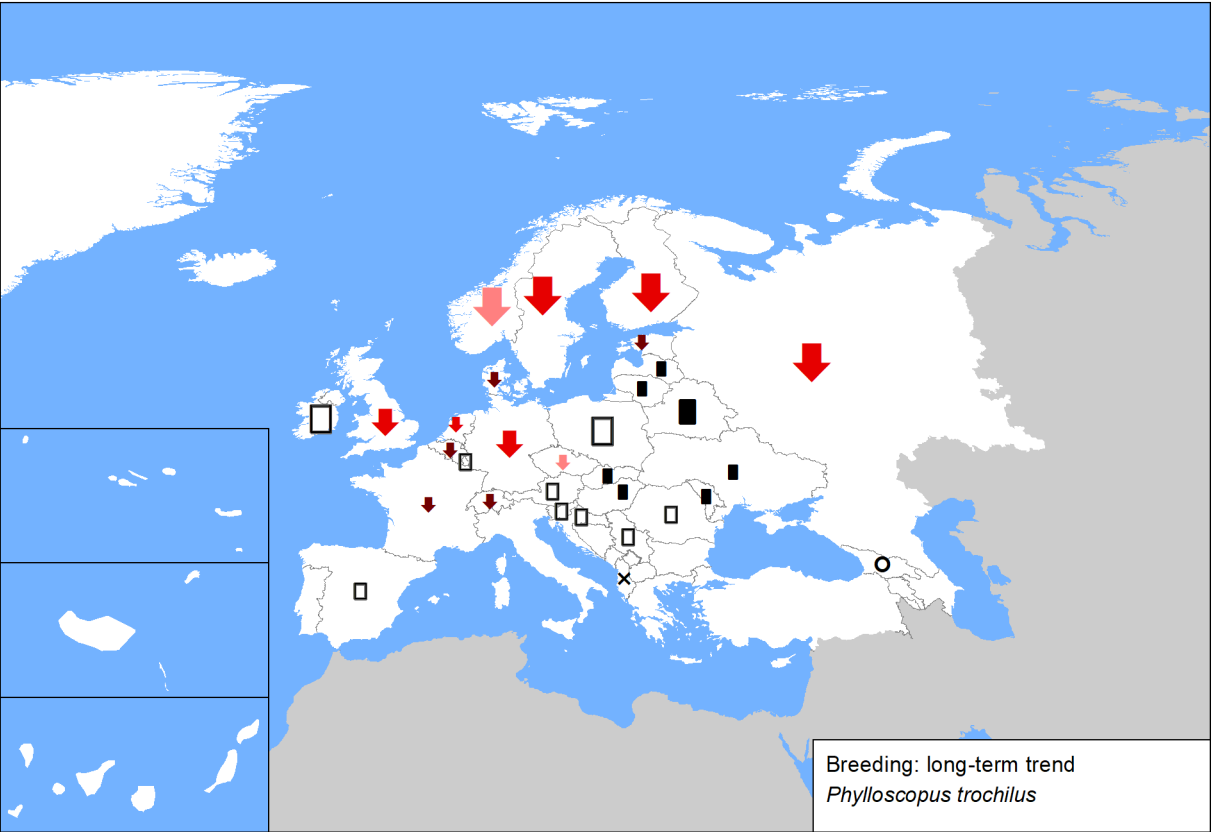


Figure 2. Breeding population sizes and long-term trends across Europe.



Sources

Albania

Breeding population size: Bino & Xeka 2020 in EBBA 2
Breeding short-term trend: Bino & Xeka pers. obs.
Breeding long-term trend: Bino pers. obs.

Austria

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Breeding long-term trend: BirdLife Austria, unpublished

Belarus

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Croatia

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Estonia

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Georgia

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Germany

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Luxembourg

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Breeding long-term trend: Experts' estimate

Moldova

Breeding population size: Moldova's contribution for the second European Breeding Bird Atlas (EBBA2)
Breeding short-term trend: SPPN expert opinion (sppn.moldova@gmail.com)
Breeding long-term trend: SPPN expert opinion (sppn.moldova@gmail.com)

Netherlands

Breeding population size: Sovon Bird atlas (Sovon 2018)
Breeding short-term trend: NEM (Sovon, RWS, CBS, provinces)

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Netherlands

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

Norway

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Breeding short-term trend: Terrestrial monitoring programme - extensive (TOV-e)
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Poland

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Breeding short-term trend: State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPPL)
Breeding long-term trend: Chief Inspectorate of Environmental Protection & Polish Society for the Protection of Birds (OTOP) / BirdLife Poland

Romania

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Russia

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Serbia

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Phylloscopus trochilus (Willow Warbler)

Switzerland

Breeding population size: Knaus, P., S. Antoniazza, S. Wechsler, J. Guélat, M. Kéry, N. Strebel & T. Sattler (2018): Swiss Breeding Bird Atlas 2013–2016. Distribution and population trends of birds in Switzerland and Liechtenstein. Swiss Ornithological Institute, Sempach.

Breeding short-term trend: <https://www.vogelwarte.ch/en/projects/population-trends/breeding-population-indices/>

Breeding long-term trend: <https://www.vogelwarte.ch/en/projects/population-trends/breeding-population-indices/>

Ukraine

Breeding population size: Atlas work, non-published data

United Kingdom

Breeding population size: Baseline = Bibby, C.J. 1989. A survey of breeding Wood Warblers *Phylloscopus sibilatrix*, in Britain 1984-85. Bird Study 36: 56-72. Extrapolation from 1995 using Breeding Bird Survey monitoring trend.

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