

***Crex crex* (Corncrake)**

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.

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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	
Albania	5–16	<1	2007-2018	partial	0	-20 to 0	2007-2018	complete	0	-20 to 0	1980-2018	expert	
Armenia	1500–2300	<1	2013-2018	complete	-	-9 to -5	2007-2018	complete	?		2003-2018	deficient	
Austria	150–400	<1	2013-2018	complete	0		2007-2018	complete	-	-80 to -30	1981-2018	expert	
Azerbaijan	500–5000	<1	1996-2019	expert	?		2013-2019	expert	?		1980-2019	expert	
Belarus	35000–50000	3	2010-2018	partial	0	-10 to 10	2012-2019	expert	-	-47 to -4	1980-2019	expert	
Belgium	1–10	<1	2013-2018	complete	-		2008-2018	partial	F	-80 to 100	1973-2018	partial	
Bosnia & HG	700–1300	<1	2015-2018	complete	-	-10 to -1	2007-2018	complete	-	-30 to -20	1980-2018	expert	
Bulgaria	2000–4500	<1	2005-2018	partial	-	-50 to -20	2000-2018	partial	-	-60 to -50	1980-2018	expert	
Croatia	500–1100	<1	2013-2015	partial	-	-30 to -20	2007-2018	complete	?		1980-2017	deficient	
Czechia	1200–2400	<1	2014-2017	complete	?		2007-2018	deficient	?		1980-2018	deficient	
Denmark	80–90	<1	2017-2017	complete	F		2004-2017	expert	?		1980-2017	expert	
Estonia	20000–40000	2	2013-2017	partial	-	-51	2007-2018	partial	-		1980-2018	partial	
Finland	4200–15600	<1	2013-2018	complete	F	-39 to 82	2007-2018	complete	+		1980-2018	partial	
France	190–230	<1	2013-2017	complete	-	-84 to -76	2005-2017	complete	-		1980-2017	partial	
Georgia	820–1700	<1	2018-2019	partial	?			deficient	-	-98 to -84	1994-2019	complete	
Germany	1300–2000	<1	2011-2016	complete	-		2004-2016	expert	-		1985-2016	expert	
Hungary	520–1600	<1	2014-2018	complete	F		2007-2018	complete	F		1980-2018	expert	
Rep. Ireland	150–160	<1	2016-2018	complete	0		2005-2018	complete	-		1978-2018	complete	
Italy	160–200	<1	2013-2018	expert	-	-80 to -60	2007-2018	expert	+	100 to 1500	1993-2018	expert	
Kosovo	25–50	<1	2007-2019	partial	-		2007-2018	partial	-		1990-2018	partial	
Latvia	30800–112000	4	2015-2015	complete	-	-32 to -12	2006-2018	complete	+	19 to 80	1989-2018	complete	
Lithuania	6500–8000	<1	2013-2018	partial	-	-50 to -40	2013-2018	partial	-		1980-2018	partial	
Luxembourg	0–2	<1	2013-2018	expert	-	-100 to 0	2007-2018	partial	-	-100 to -50	1980-2018	partial	
North Macedonia	150–500	<1	2014-2019	expert	0		2007-2018	expert	?		1980-2019		
Moldova	320–600	<1	2014-2017	expert	0		2007-2018	partial	0		1990-2018	expert	
Montenegro	100–150	<1	2013-2018	partial	0		2007-2018	expert	?				
Netherlands	45–160	<1	2013-2017	complete	-	-73 to -40	2006-2017	complete	+	34 to 66	1980-2017	complete	
Norway	60–140	<1	2013-2018	complete	F		2013-2018	complete	0		1980-2018	complete	
Poland	39000–52000	3	2013-2018	complete	-	-44 to -3	2007-2018	complete	?		1980-2018	deficient	
Romania	16300–21600	1	2014-2018	complete	?	-15 to 21	2008-2018	complete	?		1980-2018	deficient	
Russia	950000–1300000	79	2008-2018	partial	-	0	2008-2018	expert	+	0	1980-2018	partial	
Serbia	1700–2500	<1	2013-2018	partial	0	0	2007-2018	complete	?	-10 to 10	1980-2018	expert	

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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	
Slovakia	1500–3000	<1	2013–2018	partial	-	-50 to -30	2007–2018	partial	-	-50 to -30	1980–2018	partial	
Slovenia	240–350	<1	2013–2018	complete	-		2007–2018	complete	-	-70 to -50	1980–2018	expert	
Sweden	1300–2600	<1	2013–2018	partial	F	-80 to 70	2007–2018	complete	+	75 to 125	1980–2018	partial	
Switzerland	15–40	<1	2013–2016	complete	F	-29 to 431	2007–2018	complete	+	20 to 642	1990–2018	complete	
Turkey	80–200	<1	2013–2019	partial	?		2008–2019	deficient	?		2000–2015	expert	
Ukraine	40000–80000	4	2015–2017	partial	F		2007–2019	deficient	F		1980–2018	deficient	
United Kingdom	1100–1200	<1	2012–2016	complete	+		2001–2016	complete	+		1978–2016	complete	
EU28	127000–269000	13											
Europe	1150000–1720000	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

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

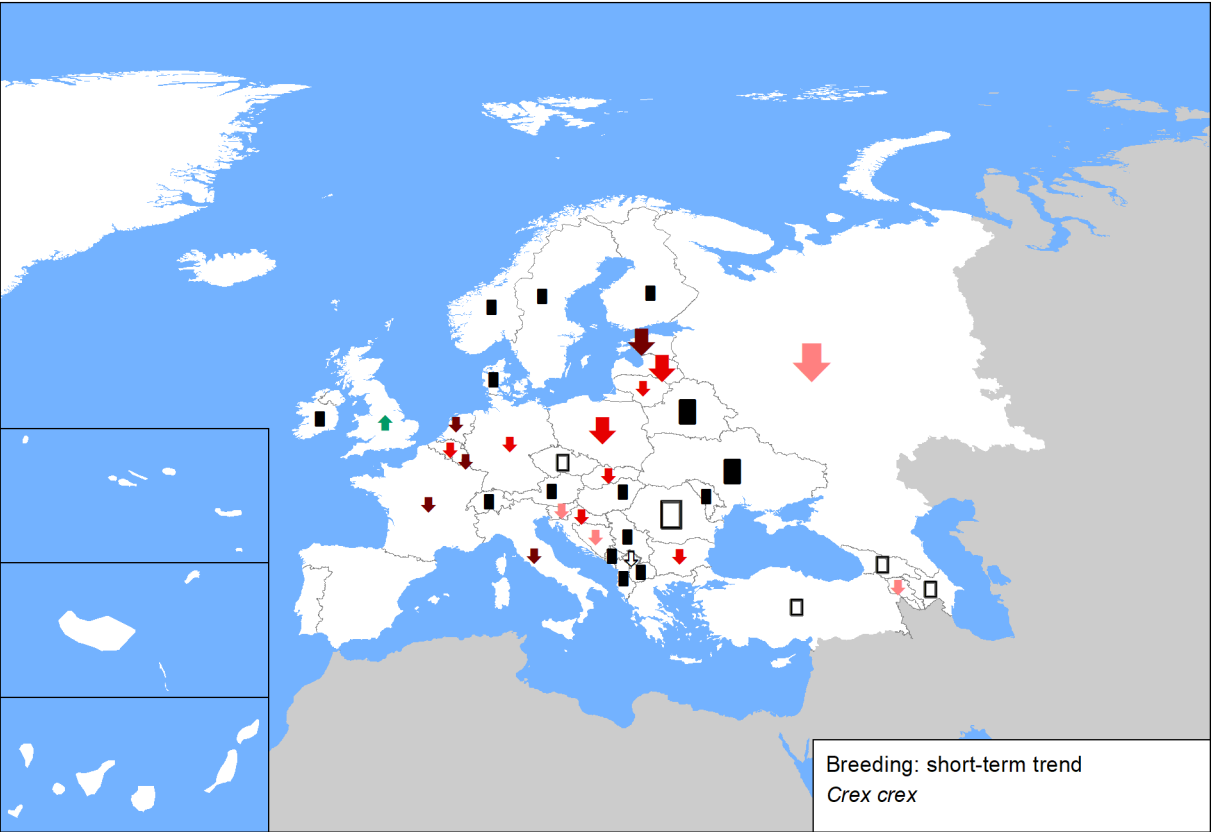
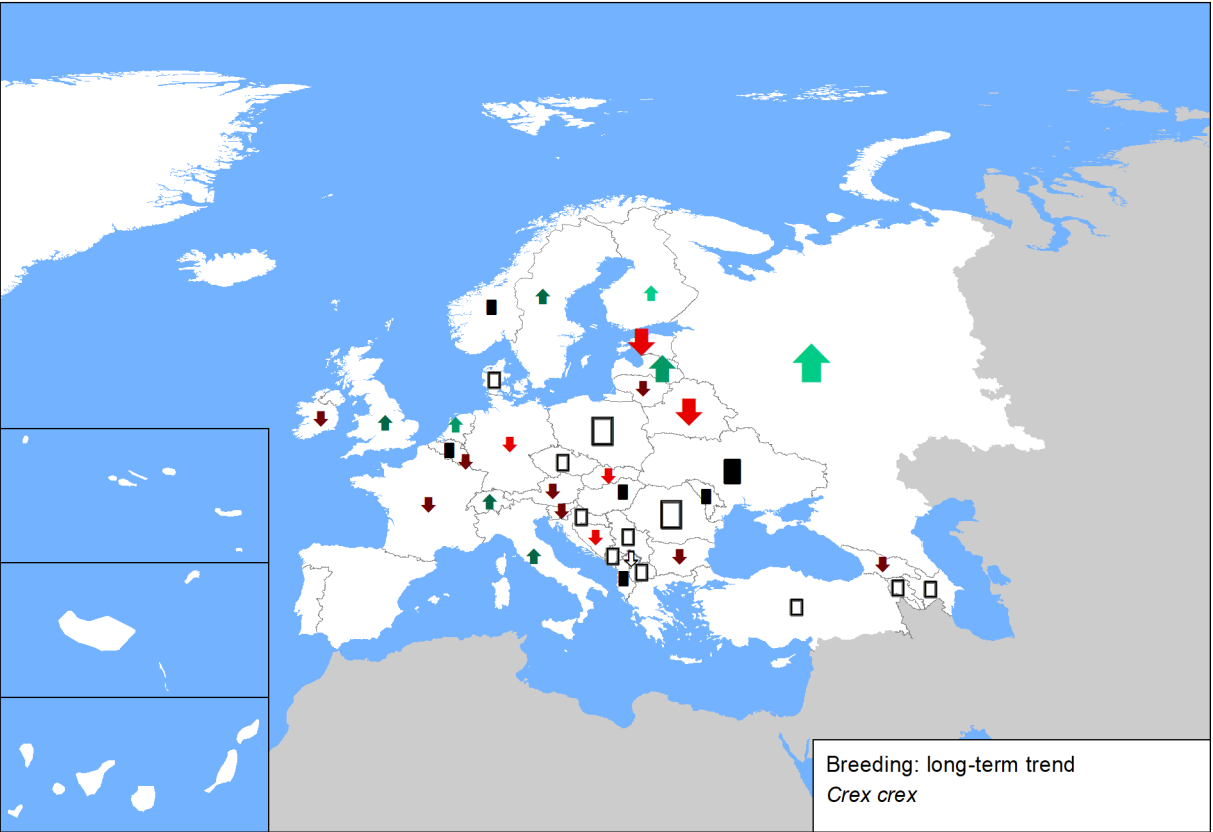


Figure 2. Breeding population sizes and long-term trends across Europe.



Sources

Albania

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Breeding long-term trend: Bino pers. obs.

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Austria

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Azerbaijan

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Breeding population size: Biver G., P. Lorgé (2008): Présence du Râle des genêts *Crex crex* dans la vallée de l'Alzette et de ses affluents au sud du Luxembourg. Regulis Wissenschaftliche Berichte, 23: 13-28; Ornitho.lu (2018): online natur&environment asbl & database Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. Natur&environment Luxembourg. ISBN: 978-2-919920-01-3

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North Macedonia

Breeding population size: unpublished data from the European Breeding Bird Atlas 2

Breeding short-term trend: unpublished data from the European Breeding Bird Atlas 2

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)

Montenegro

Breeding population size: Rubinić, B., Sackl, P. & Gramatikov, M. (2019): Conserving of wild birds in Montenegro. The first inventory of potential Special Protection Areas in Montenegro. Aam Consulting. Budapest xiii + 328 pp.

Crex crex (Corncrake)

Netherlands

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

Norway

Breeding population size: (a) Shimmings P. & Øien, I.J. 2015. Bestandsestimer og trender for norske hekkefugler. NOF-rapport 2015-2. (b) BirdLife Norway Corncrake project annual reports
Breeding short-term trend: BirdLife Norway corncrake project
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Poland

Breeding population size: State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPPL – Common Bird Survey)
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

Breeding population size: Monitoring of Nocturnal Birds of Open Habitats, OpenBirdMaps (Milvus Group) Database
Breeding short-term trend: Romanian Common Bird Monitoring Programme, Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database
Breeding long-term trend: Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) Database

Russia

Breeding population size: Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia
Breeding short-term trend: Morkovin et al. 2017; Sarychev unpublished. vssar@yandex.ru;
Breeding long-term trend: Mischenko 2004

Serbia

Breeding population size: 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.
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Breeding long-term trend: 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

Breeding population size: Coordinatory group for reporting 2019. Danko Štefan, Darolová Alžbeta, Krištín Anton: Rozšírenie vtákov na Slovensku. VEDA, vyd. SAV Bratislava, 2002. ŠOP SR Karaska D., Trnka A., Krištín A., Ridzoň J.: Chránené vtáčie územia Slovenska. ŠOP SR Banská Bystrica, 2015.
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Crex crex (Corncrake)

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Breeding short-term trend: Species observation system, www.artportalen.se

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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.

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Turkey

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Ukraine

Breeding population size: Atlas work, non-published data

United Kingdom

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.

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