

***Perdix perdix* (Grey Partridge)**

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	90–200	<1	2007-2018	partial	-	-33 to -10	2007-2018	partial	-	-33 to -10	1980-2018	expert	
Andorra	5–25	<1	2014-2017	partial	?		2011-2018	deficient	?				
Armenia	8100–11100	<1	2013-2018	complete	-	-8 to -5	2007-2018	complete	?		2003-2018		
Austria	5000–10000	<1	2013-2018	partial	-		2007-2018	partial	-	-70 to -40	1981-2018	partial	all others
Azerbaijan	1000–5000	<1	1996-2019	expert	?		2013-2019	expert	?		1980-2019	expert	
Belarus	40000–50000	3	2010-2018	partial	+	50 to 100	2012-2019	expert	-	-56 to -20	1980-2019	expert	
Belgium	2200–4000	<1	2013-2018	partial	-	-81 to -55	2008-2018	complete	-	-89 to -80	1973-2018	partial	all others
Bosnia & HG	5000–8000	<1	2015-2018	complete	?	-10 to 10	2007-2018	complete	?		1980-2018	deficient	
Bulgaria	14000–25000	1	2005-2018	partial	?		2000-2018	partial	?		1980-2018	partial	all others
Croatia	4000	<1	2012-2018	expert	?		2007-2018	deficient	?		1980-2018	deficient	all others
Czechia	8000–16000	<1	2014-2017	complete	?		2007-2018	complete	-		1982-2018	complete	all others
Denmark	4700–4800	<1	2017	partial	0	-41 to 38	2006-2017	complete	-	-67 to -26	1980-2017	complete	all others
Estonia	2000–4000	<1	2013-2017	expert	-	-50 to -20	2007-2018	expert	-	-100 to -50	1980-2017	expert	all others
Finland	9000–20000	<1	2013-2018	deficient	F		2007-2018	expert	?				all others
France	421000–774000	37	2018-2018	partial	-	-26	2007-2018	partial	-	-43	1979-2018	partial	all others
France	3200–16300	<1	2012-2018	partial	0		2012-2018	expert	?		1990-2018	deficient	hispaniensis
Georgia	230–2400	<1	2013-2017	partial	?			deficient	-	-98 to 16	1994-2017	partial	
Germany	21000–37000	2	2016-2016	complete	-	-66 to -33	2004-2016	complete	-		1980-2016	expert	all others
Greece	2500–4000	<1	2015	partial	0		2007-2018	partial	0		1980-2018	partial	all others
Hungary	180–5800	<1	2017-2018	partial	-	-98 to -71	2005-2018	partial	-	-99 to -93	1980-2018	partial	all others
Rep. Ireland	100–120	<1	2018-2019	complete	+	231 to 263	2008-2019	partial	-		1980-2019	deficient	all others
Italy	0	<1	2013-2018	expert	?		2007-2018	deficient	-		1993-2018	expert	italica
Italy	160	<1	2018	expert	-	-95 to -90	2007-2018	expert	?		1993-2018	deficient	all others
Kosovo	2500–5000	<1	2007-2019	partial	-		2007-2018	partial	-		1990-2018	partial	
Latvia	500–1100	<1	2013-2017	expert	0	14 to 19	2000-2017	partial	-	-55 to -52	1991-2017	partial	all others
Lithuania	1500–3000	<1	2013-2018	partial	+	5 to 10	2013-2018	partial	-	-99 to -97	1980-2018	partial	all others
Luxembourg	10–20	<1	2013-2018	complete	-	-60 to -40	2007-2018	partial	-	-90 to -75	1980-2018	expert	all others
North Macedonia	5000–10000	<1	2014-2019	expert	0		2007-2018	expert	?		1980-2019		
Moldova	3000–6000	<1	2014-2017	partial	-		2007-2018	partial	0		1990-2018	expert	
Montenegro	10–50	<1	2002-2012	expert	0		2007-2018	expert	?				
Netherlands	4500–5500	<1	2013-2015	complete	-	-79 to -73	2006-2017	complete	-	-91 to -85	1984-2017	complete	all others
Poland	95000–133000	8	2013-2018	complete	-	-44 to -11	2007-2018	complete	?		1980-2018	deficient	all others

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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	
Romania	40000–100000	4	2013–2018	expert	?	-7 to 6	2008–2018	partial	-	-50 to -1	1980–2018	expert	all others
Russia	300000–420000	25	2008–2018	partial	F		2008–2018	expert	F		1980–2018	partial	
Serbia	13700–22000	1	2013–2018	partial	-	-29 to -10	2007–2018	complete	-	-49 to -30	1980–2018	complete	
Slovakia	1000–2000	<1	2013–2018	partial	-	-60 to -40	2007–2018	partial	-	-80 to -60	1980–2018	partial	all others
Slovenia	40–430	<1	2018–2018	complete	-		2008–2018	complete	-		1980–2018	expert	all others
Spain	2000–6000	<1	1998–2018	partial	-	-27	2007–2018	partial	-	-38	1980–2018	partial	hispaniensis
Sweden	8700–18500	1	2013–2018	partial	0	-30 to 30	2007–2018	partial	-	-90 to -50	1980–2018	partial	all others
Switzerland	5–10	<1	2013–2016	complete	F	-99 to 102	2007–2018	complete	F	-79 to 246	1990–2018	complete	
Turkey	1000–2000	<1	2002–2012	partial	?		2008–2019	deficient	?		1980–2013	deficient	
Ukraine	80000–100000	6	2015–2017	expert	?		2007–2019	deficient	-		1980–2018	deficient	
United Kingdom	37100–37200	3	2016	partial	-		2004–2016	complete	-		1980–2016	complete	all others
EU28	687000–1240000	62											
Europe	1140000–1880000	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.

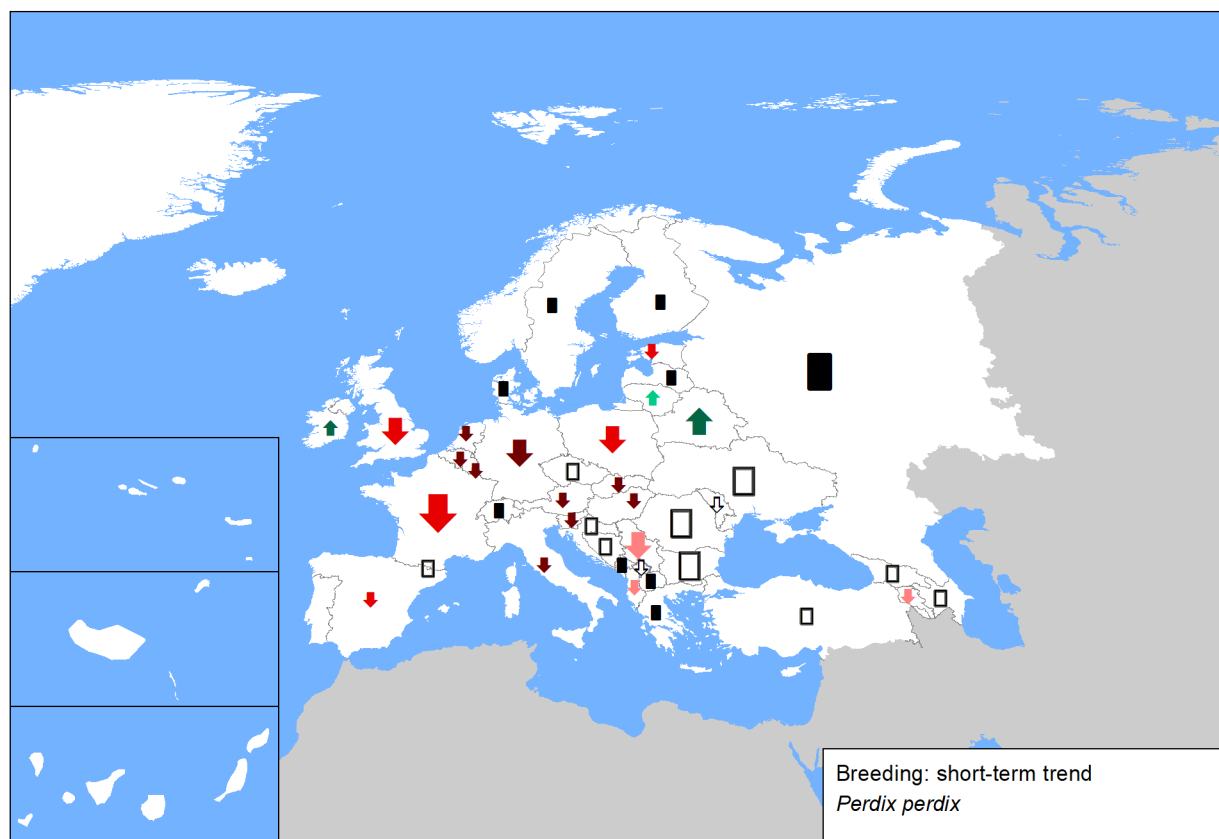
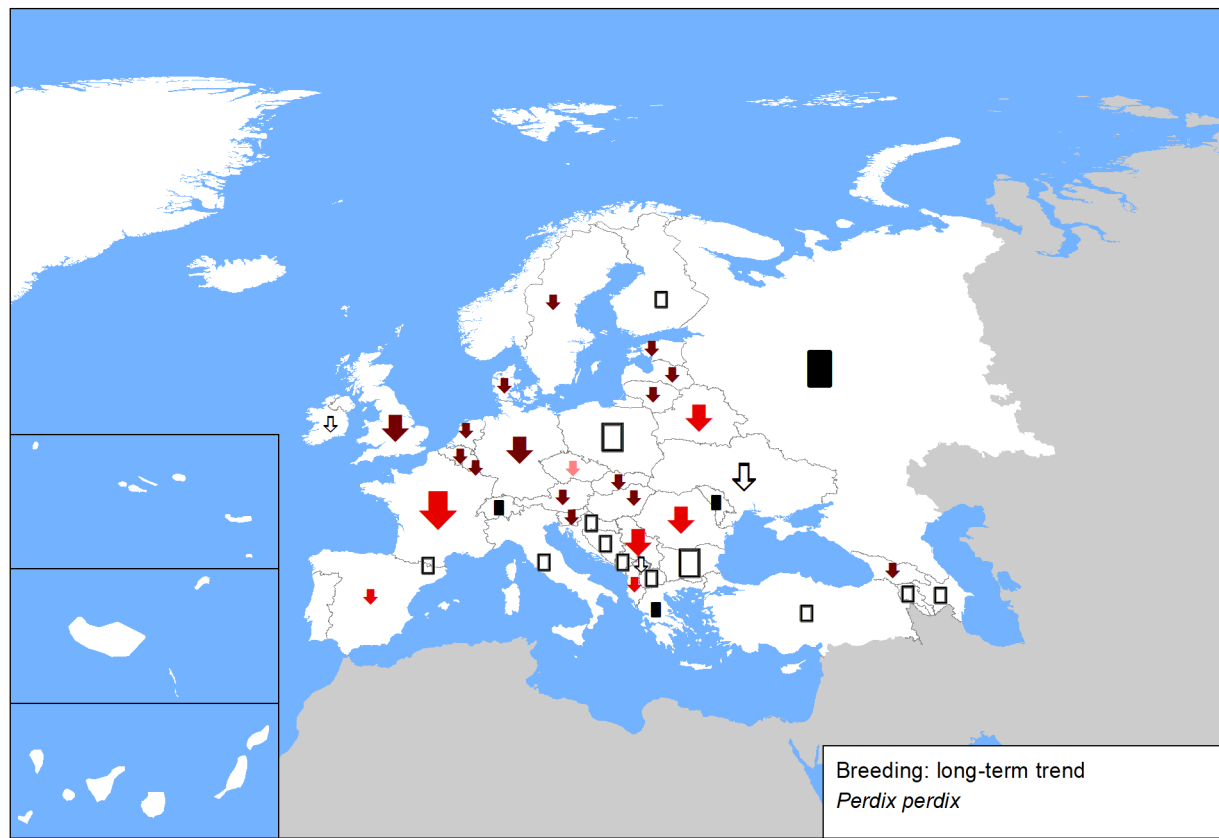


Figure 2. Breeding population sizes and long-term trends across Europe.



Sources

Albania

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

Andorra

Breeding population size: Fieldwork EBBA2, published at "Guia dels ocells d'Andorra. J. Nicolau & C. Pladevall, 2018"
Breeding short-term trend: Common Bird Monitoring Scheme of Andorra (SOCA)

Armenia

Breeding population size: TSE NGO
Breeding short-term trend: TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.
Breeding long-term trend: TSE (2020) The Atlas of the Breeding Birds in Armenia. In preparation.

Austria: all others

Breeding population size: BirdLife Austria, estimate based on a sample of breeding densities from different sites and habitats
Breeding short-term trend: BirdLife Austria, results of the Austrian Breeding bird monitoring ("Brutvogelmonitoring"); BirdLife Austria, unpublished archive data
Breeding long-term trend: Dvorak, Ranner & Berg 1993 (Atlas of Austrian Breeding Birds)

Azerbaijan

Breeding population size: AOS Data base
Breeding short-term trend: AOS data base
Breeding 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: Pavlushchick T.E. – personal communication

Belgium: all others

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.
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Bosnia and Herzegovina

Breeding population size: Based on data for EBBA2
Breeding short-term trend: more individual articles e.g published in magazine Bilten mreže posmatrača ptica u Bosni i Hercegovini-see https://ptice.ba/bs/category/bilteni_/ , individual reports (e.g. for EBBA2, projects etc)

Bulgaria: all others

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, 200-201; National Art. 12 reporting database 2013-2018; SPAs mapping in 2012 Common Bird Monitoring Scheme http://bspb.org/monitoring/
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Breeding long-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, 200-201;

Croatia: all others

Breeding population size: Središnja lovna evidencija (https://sle.mps.hr)
Breeding short-term trend: No data available.
Breeding long-term trend: No data available.

Czechia: all others

Breeding population size: Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017
Breeding short-term trend: ČSO (unpubl.): Common Bird Monitoring Programme

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Czechia: all others

Breeding long-term trend: ČSO (unpubl.): Common Bird Monitoring Programme

Denmark: all others

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

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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

Estonia: all others

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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: all others

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France: all others

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Georgia

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Germany: all others

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

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Perdix perdix (Grey Partridge)

Hungary: all others

Breeding population size: National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2 Országos Vadgazdálkodási Adattár (National Game Management Database, NGMD).
Breeding short-term trend: MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2 Országos Vadgazdálkodási Adattár (National Game Management Database). http://www.oiva.info.hu/vgstat.html
Breeding long-term trend: Országos Vadgazdálkodási Adattár (National Game Management Database). http://www.oiva.info.hu/vgstat.html MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278. National park directorates' databases (Annual survey of colonially breeding and strictly protected bird species) http://map.mme.hu/maps/map2

Republic of Ireland: all others

Breeding population size: East Donegal Grey Partridge Re-Establishment Project Interim Report (2018) Collaborative Project between Inch local gun Club, Donegal Game and Wildlife Association, the Irish Grey Partridge Conservation Trust, National Association of Regional Game Councils, Department of Agriculture, Food and the Marine and the National Parks & Wildlife Service with support from the Heritage Council. Kavanagh, B. (2017) Irish Grey Partridge Project Review 2017. Boora Co. Offaly. Report to the National Parks & Wildlife Service. Expert opinion - Pádraig O'Donnell, National Parks & Wildlife Service Expert opinion - Emmett Johnston, National Parks & Wildlife Service Expert opinion - Conleth Farrell, Gery Partridge Project, Newcastle, Co. Wicklow
Breeding short-term trend: Expert opinion - Brendan Kavanagh. Review of Annual Grey Partridge Counts 1991-2009 Irish Grey Partridge Conservation Trust (website accessed 28/06/2019).
Breeding long-term trend: Kavanagh, B. (2017) Irish Grey Partridge Project Review 2017. Boora Co. Offaly. Report to the National Parks & Wildlife Service.

Italy: all others

Breeding population size: Brichetti P., Fracasso G., 2018. The Birds of Italy. Vol. I. Anatidae-Alcidae. Ed. Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.
Breeding short-term trend: Brichetti P., Fracasso G., 2018. The Birds of Italy. Vol. I. Anatidae-Alcidae. Ed. Belvedere, Latina (Italy), "historia naturae" (6), pp. 512.
Breeding long-term trend: Brichetti P., Meschini E., 1993. Stima delle popolazioni di uccelli nidificanti. In Meschini E., Frugis S., 1993. Atlante degli uccelli nidificanti in Italia. Suppl. Ric. Biol. Selvaggina, 20, 1-345.

Italy: italica

Breeding population size: Gustin M, Brambilla M & Celada C. 2009. Valutazione dello stato di conservazione dell'avifauna italiana. Specie in Allegato I della Direttiva Uccelli. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Lega Italiana Protezione Uccelli (LIPU)
Breeding short-term trend: Gustin M, Brambilla M & Celada C. 2009. Valutazione dello stato di conservazione dell'avifauna italiana. Specie in Allegato I della Direttiva Uccelli. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Lega Italiana Protezione Uccelli (LIPU)
Breeding long-term trend: no data available for the past

Kosovo

Breeding population size: Qenan Maxhuni
Breeding short-term trend: Qenan Maxhuni
Breeding long-term trend: Puzovic, S. et al. (2004): Birds of Serbia and Montenegro – Size of nesting populations. I trends: 1990-2002. Ciconia 12

Latvia: all others

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

Lithuania: all others

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) Ministry of Environment of the Republic of Lithuania. 2017-2018. Lietuvos saugomų gyvūnų, augalų ir grybų vertinimo pagal IUCN kategorijas ir rūšių aprašymų parengimo paslaugos (Protected species of animals, plants and mushrooms IUCN status estimation and descriptions in Lithuania (Agreement No VPS-2017-16-AARP))
Breeding short-term trend: 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) Ministry of Environment of the Republic of Lithuania. 2017-2018. Lietuvos saugomų gyvūnų, augalų ir grybų vertinimo pagal IUCN kategorijas ir rūšių aprašymų parengimo paslaugos (Protected species of animals, plants and mushrooms IUCN status estimation and descriptions in Lithuania (Agreement No VPS-2017-16-AARP))
Breeding long-term trend: Logminas, V. (ed.). 1991. Lietuvos fauna: paukščiai. Vilnius: „Mokslas“. Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“. Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) BirdLife International/European Bird Census Council. 2000. European bird populations: estimates and trends. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 10). Raudonikis L. 2004. Important Bird Areas of the European Union Importance in Lithuania. Lithuanian Ornithological Society & Institute of Ecology of Vilnius University. Lututė, Vilnius. Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“. 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. 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. 2016-2018. Leidinio "Lietuvos raudonoji knyga" parengimo paslaugos (Red data book of Lithuania). (Agreement No VPS-2016-104-ES) Ministry of Environment of the Republic of Lithuania. 2017-2018. Lietuvos saugomų gyvūnų, augalų ir grybų vertinimo pagal IUCN kategorijas ir rūšių aprašymų parengimo paslaugos (Protected species of animals, plants and mushrooms IUCN status estimation and descriptions in Lithuania (Agreement No VPS-2017-16-AARP))

Perdix perdix (Grey Partridge)

Luxembourg: all others

Breeding population size: Klein R., G. Biver (2009): Die Erfassung des Rebhuhns <i>Perdix perdix</i> 2008 im Osten Luxemburgs. <i>Regulus Wissenschaftliche Berichte</i> , 24: 40-48; Biver G. & Sowa F. (2009): Plan d'action Espèces <i>Perdix perdix</i> <i>Perdix grise</i> . Ministère du Développement Durable et des Infrastructures & Centrale ornithologique Luxembourg & Sicona Ouest ; Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. <i>Natur&mwelt Luxembourg</i> . ISBN: 978-2-919920-01-3; Ornitho.lu (2018): online database <i>natur&mwelt asbl</i> & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg
Breeding short-term trend: Klein R., G. Biver (2009): Die Erfassung des Rebhuhns <i>Perdix perdix</i> 2008 im Osten Luxemburgs. <i>Regulus Wissenschaftliche Berichte</i> , 24: 40-48; Biver G. & Sowa F. (2009): Plan d'action Espèces <i>Perdix perdix</i> <i>Perdix grise</i> . Ministère du Développement Durable et des Infrastructures & Centrale ornithologique Luxembourg & Sicona Ouest ; Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. <i>Natur&mwelt Luxembourg</i> . ISBN: 978-2-919920-01-3; Ornitho.lu (2018): online database <i>natur&mwelt asbl</i> & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg; LUXOR (2018): <i>natur&mwelt – Bird-database</i> , Luxembourg
Breeding long-term trend: Melchior E., E. Mentgen, R. Peltzer, R. Schmitt, J. Weiss (1987): Atlas der Brutvögel Luxemburgs. Lëtzebuerger Natur- a Vulleschützliga. Kremer-Müller & Cie, Foetz, Luxembourg; Klein R., G. Biver (2009): Die Erfassung des Rebhuhns <i>Perdix perdix</i> 2008 im Osten Luxemburgs. <i>Regulus Wissenschaftliche Berichte</i> , 24: 40-48; Biver G. & Sowa F. (2009): Plan d'action Espèces <i>Perdix perdix</i> <i>Perdix grise</i> . Ministère du Développement Durable et des Infrastructures & Centrale ornithologique Luxembourg & Sicona Ouest ; Lorgé P., E. Melchior (2016): Die Vögel Luxemburgs. <i>Natur&mwelt Luxembourg</i> . ISBN: 978-2-919920-01-3; Ornitho.lu (2018): online database <i>natur&mwelt asbl</i> & Dachverband Deutscher Avifaunisten (DDA) e.V.; Luxembourg Recorder (2018): database Musée national d'histoire naturelle; Luxembourg; LUXOR (2018): <i>natur&mwelt – Bird-database</i> , Luxembourg

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: 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. <i>Ciconia</i> 12,
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Netherlands: all others

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

Poland: all others

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: Panek M., Budny M. 2015. Sytuacja zwierząt łownych w Polsce 2015, ze szczególnym uwzględnieniem kuropatwy (na podstawie wyników monitoringu). Stacja Badawcza PZŁ Czempir; Chodkiewicz T., Neubauer G., Sikora A., Ławicki Ł., Meissner W., Bobrek R., Cenian Z

Romania: all others

Breeding population size: Ornitodata (Romanian Ornithological Society) Database, OpenBirdMaps (Milvus Group) Database, Rombird (Romanian Rarity Commission) 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: Database of the Program "Bird of the city Moscow and Moscow Region; Mischenko expert opinion
Breeding long-term trend: Mezhnev 2008; Fedosov & Kaledin 2010; 2013

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.
Breeding short-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.
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.

Perdix perdix (Grey Partridge)

Slovakia: all others

Breeding population size: Coordinatory group for reporting 2019. Krajniak D., Bučko J.: Hunting bags statistics NLC Zvolen 2014-2017. Coordinatory group for reporting 2019.
Breeding short-term trend: Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Krajniak D., Bučko J.: Hunting bags statistics NLC Zvolen 2014-2017
Breeding long-term trend: Coordinatory group for reporting 2019, AVES-Symfony Database 2013-2018, KIMS Database 2013-2018. Krajniak D., Bučko J.: Hunting bags statistics NLC Zvolen 2014-2017

Slovenia: all others

Breeding population size: Mihelič T., Kmecl P., Denac K., Koče U., Vrezec A., Denac D. (eds.) (2019): Atlas ptic Slovenije. Popis gnezdičk 2002–2017. (The atlas of birds of Slovenia. The census of breeding birds 2002-2017.) – DOPPS, Ljubljana. Kmecl P. & Šumrada T. (2018): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - končno poročilo za leto 2018. (Monitoring of common bird species for the determination of Slovenian farmland bird index - final report for the year 2018.) – DOPPS, Ljubljana.
Breeding short-term trend: Kmecl P. & Šumrada T. (2018): Monitoring splošno razširjenih vrst ptic za določitev slovenskega indeksa ptic kmetijske krajine - končno poročilo za leto 2018. (Monitoring of common bird species for the determination of Slovenian farmland bird index - final report for the year 2018.) – DOPPS, Ljubljana.
Breeding long-term trend: Mihelič T., Kmecl P., Denac K., Koče U., Vrezec A., Denac D. (eds.) (2019): Atlas ptic Slovenije. Popis gnezdičk 2002–2017. (The atlas of birds of Slovenia. The census of breeding birds 2002-2017.) – DOPPS, Ljubljana.

Spain: hispaniensis

Breeding population size: Información proporcionada por las comunidades autónomas. Martí, R. & del Moral, J.C. (Eds.) (2003). Atlas de las Aves Reproductoras de España. Dirección General de Conservación de la Naturaleza- Sociedad Española de Ornitología. Madrid, 733 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Martí, R. & del Moral, J.C. (Eds.) (2003). La invernada de Aves acuáticas en España. Dirección general de Conservación de la Naturaleza-SEO/BirdLife. Ed. Organismo Autónomo de Parques Nacionales, Ministerio de Medio Ambiente. Madrid.
Breeding short-term trend: Información proporcionada por las Comunidades Autónomas. Purroy, J. & Purroy, F.J. (2016). Perdiz pardilla – <i>Perdix perdix</i> . En: Enciclopedia Virtual de los Vertebrados Españoles. Salvador, A., Morales, M. B. (Eds.). Museo Nacional de Ciencias Naturales, Madrid. (http://www.vertebradosibericos.org/)
Breeding long-term trend: Birdlife International/European Bird Census Council (2000) European bird populations: estimates and trends. Cambridge, UK: Birdlife International (Birdlife Conservation Series No. 10) Hagemeijer, E.J. & Blair, M.J. (Eds.) (1997). The EBCC Atlas of European Breeding birds: Their distribution and abundance. T & A D Poyser, London. Información proporcionada por las Comunidades Autónomas. Martí, R. & del Moral, J.C. (Eds.) (2003). Atlas de las Aves Reproductoras de España. Dirección General de Conservación de la Naturaleza- Sociedad Española de Ornitología. Madrid, 733 pp. (https://www.miteco.gob.es/es/biodiversidad/temas/inventarios-nacionales/inventario-especies-terrestres/inventario-nacional-de-biodiversidad/ieet_aves_atlas.aspx) Purroy, J. & Purroy, F.J. (2016). Perdiz pardilla – <i>Perdix perdix</i> . En: Enciclopedia Virtual de los Vertebrados Españoles. Salvador, A., Morales, M. B. (Eds.). Museo Nacional de Ciencias Naturales, Madrid. (http://www.vertebradosibericos.org/)

Sweden: all others

Breeding population size: Ottosson, U., Ottvall, R., Elmqvist, 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.
Breeding short-term trend: Svensk fågeltaxering - Swedish Bird Survey
Breeding long-term trend: Svensk fågeltaxering - Swedish Bird Survey

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/

Turkey

Breeding population size: Murat Bozdoğan, Soner Bekir personal communication (2019), Birdlife International (2004) Birds in Europe: population estimates, trends and conservation status, Cambridge UK: Birdlife International (Birdlife Conservation series no: 12) Kusbank Bird Database (Ebird) Kirwan G.M., Boyla K. A., Castell P., Demirci B., Özen M., Welch H., Marlow T., 2008, Birds of Turkey. Londra, Christopher Helm, 978-1-4081-0475-

Ukraine

Breeding population size: Atlas work, non-published data

United Kingdom: all others

Breeding population size: Baseline = Gibbons, D.W., Reid, J.B. & Chapman, R.A. 1993. The New Atlas of Breeding Birds in Britain and Ireland: 1988-1991. Poyser, London. Adjusted by BBS monitoring trend from 1988/91.
Breeding short-term trend: BTO/JNCC/RSPB Breeding Bird Survey data: Harris, S.J., Massimino, D., Gillings, S., Eaton, M.A., Noble, D.G., Balmer, D.E., Procter, D., PearceHiggins, J.W. & Woodcock, P. 2018. The Breeding Bird Survey 2017. BTO Research Report 706 British Trust for Ornithology, Theford. https://www.bto.org/sites/default/files/bbs-report-2017.pdf
Breeding long-term trend: Joint Common Bird Census/Breeding Bird Survey smoothed trend index. Woodward, I.D., Massimino, D., Hammond, M.J., Harris, S.J., Leech, D.I., Noble, D.G., Walker, R.H., Barimore, C., Dadam, D., Eglington, S.M., Marchant, J.H., Sullivan, M.J.P., Baillie, S.R. & Robinson, R.A. (2018) BirdTrends 2018: trends in numbers, breeding success and survival for UK breeding birds. Research Report 708. BTO, Theford. www.bto.org/birdtrends

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- Palumbo, G. and Gallo-Orsi, U. 1999. Management Statement Italian Grey Partridge *Perdix perdix italica*. BirdLife.
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- del Hoyo, J., Elliott, A. and Sargatal, J. (eds). 1994. *Handbook of the Birds of the World*, vol. 2: New World Vultures to Guinea-fowl. Lynx Edicions, Barcelona, Spain.