# *Milvus migrans* (Black Kite)

## 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**

Reported national population sizes and trends
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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 | 0 | <1 | 2007-2018 | complete | ? | | 2007-2018 | complete | - | -100 to 0 | 1980-2018 | expert | |
| Armenia | 50–100 | <1 | 2013-2018 | complete | ? | | 2007-2018 | deficient | ? | | 2003-2018 | deficient | |
| Austria | 100–140 | <1 | 2013-2018 | partial | + | 25 to 40 | 2007-2018 | partial | + | 30 to 50 | 1981-2018 | partial | |
| Azerbaijan | 50–500 | <1 | 1996-2019 | expert | 0 | | 2013-2019 | expert | 0 | | 1980-2019 | expert | |
| Belarus | 200–230 | <1 | 2010-2018 | partial | 0 | -10 to 10 | 2012-2019 | expert | - | -23 to -20 | 1980-2019 | expert | |
| Belgium | 70–90 | <1 | 2013-2018 | complete | + | 17 to 37 | 2008-2018 | complete | + | 2233 to 2633 | 1973-2018 | partial | |
| Bosnia & HG | 5–15 | <1 | 2015-2018 | complete | ? | -10 to 10 | 2007-2018 | complete | ? | | 1980-2018 | deficient | |
| Bulgaria | 140–170 | <1 | 2005-2018 | partial | 0 | 0 | 2001-2018 | expert | - | -100 | 1980-2018 | expert | |
| Croatia | 90–120 | <1 | 2012-2012 | expert | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Czechia | 40–60 | <1 | 2014-2017 | complete | 0 | | 2007-2018 | complete | 0 | | 1985-2015 | complete | |
| Finland | 10–25 | <1 | 2013-2018 | expert | 0 | | 2007-2018 | expert | + | | 1986-2018 | expert | |
| France | 25900–33200 | 14 | 2014-2015 | partial | + | 19 to 67 | 2005-2017 | complete | + | | 2001-2018 | complete | |
| Georgia | 240–2500 | <1 | 2013-2017 | partial | + | -52 to 2303 | 2005-2017 | partial | ? | | | | |
| Germany | 6500–9500 | 4 | 2016-2016 | expert | 0 | | 2004-2016 | expert | 0 | -30 to 40 | 1980-2016 | expert | |
| Greece | 20–40 | <1 | 2015 | partial | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Hungary | 120–170 | <1 | 2015-2017 | complete | 0 | | 2007-2018 | complete | ? | | 1980-2018 | deficient | |
| Italy | 860–1200 | <1 | 2005-2010 | expert | ? | | 2007-2018 | deficient | + | 15 to 25 | 1993-2018 | expert | |
| Latvia | 49–80 | <1 | 2015-2018 | partial | + | 98 to 127 | 2012-2018 | partial | + | 72 to 103 | 1991-2017 | partial | |
| Lithuania | 80–120 | <1 | 2013-2018 | partial | + | 0 to 5 | 2013-2018 | partial | - | -50 to -40 | 1980-2018 | partial | |
| Luxembourg | 100–110 | <1 | 2013-2018 | complete | + | 71 to 77 | 2007-2018 | complete | + | 1000 to 1200 | 1980-2018 | partial | |
| North Macedonia | 3–10 | <1 | 2014-2019 | expert | 0 | | 2007-2018 | expert | ? | | 1980-2019 | | |
| Moldova | 60–80 | <1 | 2014-2017 | partial | + | | 2007-2018 | partial | 0 | | 1990-2018 | expert | |
| Poland | 600–1000 | <1 | 2013-2018 | complete | ? | -19 to 91 | 2008-2018 | complete | + | 20 to 40 | 1980-2018 | expert | |
| Portugal | 1000–2000 | <1 | 2013-2018 | partial | ? | | 2007-2018 | deficient | ? | | 1980-2018 | deficient | |
| Romania | 0–5 | <1 | 2013-2018 | expert | ? | | 2007-2018 | deficient | - | -95 to -5 | 1980-2018 | expert | |
| Russia | 130000–180000 | 71 | 2008-2018 | partial | + | 0 | 2008-2018 | partial | + | 0 | 1980-2018 | partial | |
| Serbia | 35–70 | <1 | 2013-2018 | partial | - | -29 to -10 | 2007-2018 | complete | - | -49 to -30 | 1980-2018 | complete | |
| Slovakia | 15–18 | <1 | 2013-2018 | complete | - | -50 to -30 | 2007-2018 | complete | - | -80 to -50 | 1980-2018 | complete | |
| Slovenia | 10–21 | <1 | 2011-2018 | partial | 0 | | 2002-2017 | expert | + | 100 to 560 | 1980-2017 | expert | |
| Spain | 15500–15600 | 7 | 2013-2018 | partial | + | 1 to 4 | 2007-2018 | complete | 0 | | 1980-2018 | partial | |
| Sweden | 15–25 | <1 | 2013-2018 | partial | + | 50 to 150 | 2007-2018 | expert | + | 200 to 400 | 1980-2018 | partial | |
| Switzerland | 2000–3000 | 1 | 2013–2016 | partial | 0 | -12 to 48 | 2007-2018 | complete | + | 34 to 98 | 1999-2018 | complete | |

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**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] | |
| Turkey | 1000–1500 | <1 | 2002-2012 | partial | ? | | 2008-2019 | deficient | ? | | 1980-2013 | deficient | |
| Ukraine | 1500–2000 | <1 | 2010-2018 | partial | 0 | | 2010-2018 | partial | - | | 1980-2019 | partial | |
| EU28 | 51300–63500 | 26 | | | | | | | | | | | |
| **Europe** | **186000–254000** | **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 | 0–1 | 1 | 2007-2018 | complete | 0 | 0 | 2007-2018 | complete | 0 | 0 | 1980-2018 | complete | |
| Bulgaria | 50–100 | 99 | 2013-2018 | expert | ? | | 2007-2018 | expert | ? | | 1980-2018 | expert | |
| EU28 | 50–100 | 100 | | | | | | | | | | | |
| **Europe** | **50–110** | **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 (≥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

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.

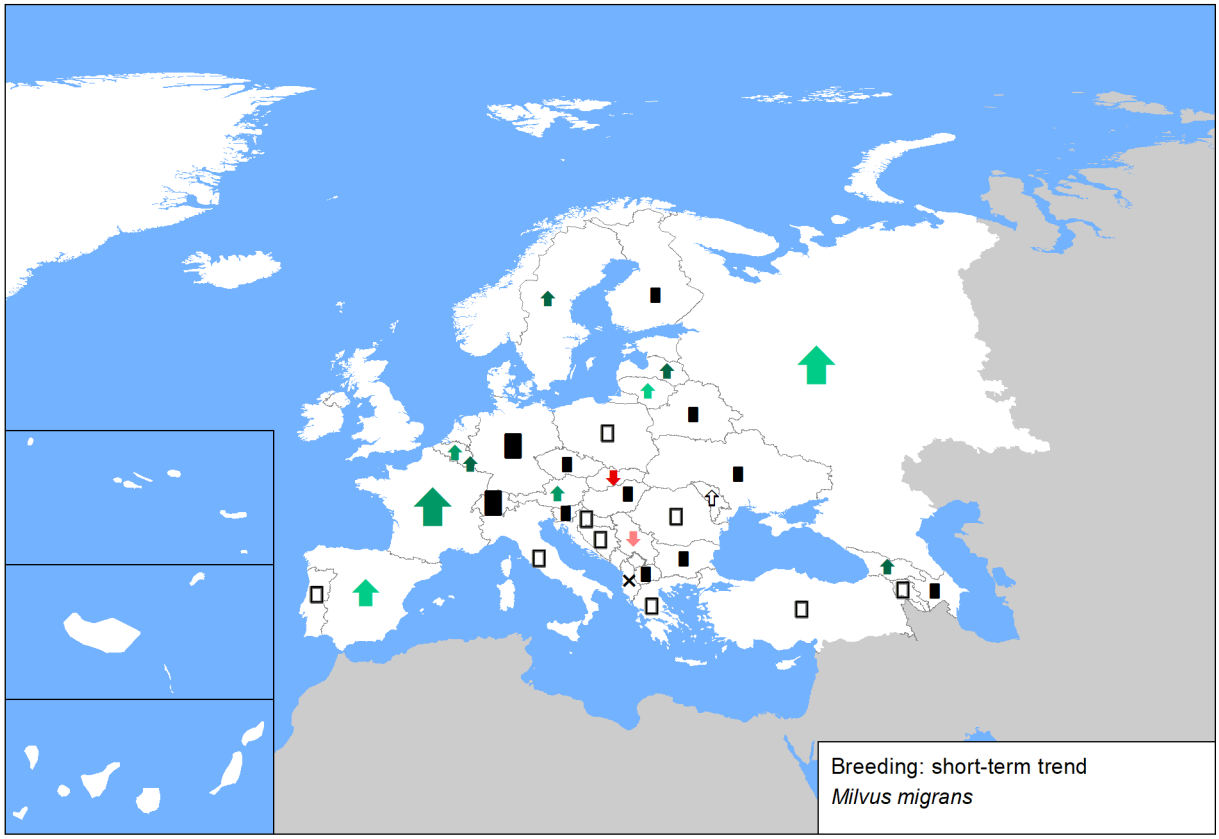


**Figure 2.** Breeding population sizes and long-term trends across Europe.

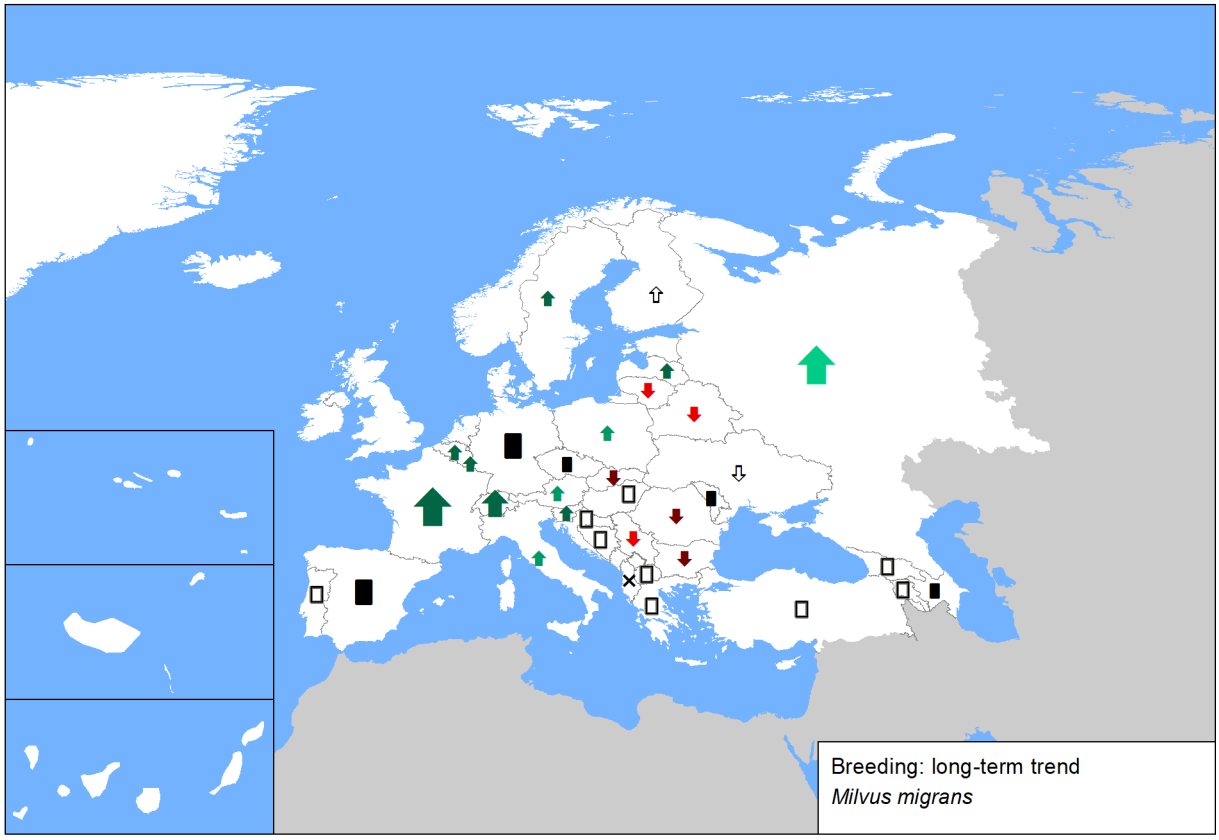

**Figure 3.** Reported wintering population sizes and short-term trends across Europe. Note that some countries within the species' wintering range did not report any data.

**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

| |
|---|
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| **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

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|---|
| **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

| |
|---|
| **Breeding population size:** BirdLife Austria, unpublished data from www.ornitho.at; |
| **Breeding short-term trend:** BirdLife Austria, unpublished data from www.ornitho.at; BirdLife Austria, unpublished archive data |
| **Breeding long-term trend:** Dvorak, Ranner & Berg 1993 (Atlas of Austrian Breeding Birds) |

## Azerbaijan

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

## Belarus

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| **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:** Fedyushin A.V., Dolbik M.S. Birds of Belarus. 1967. - Minsk, Nauka I technika. Nikiforov M.E., Kozulin A.V. , eds. Belarussian birds at the fringe of XXI century. - 1997. - Minsk. - 187 p. |

## Belgium

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|---|
| **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. |
| **Breeding long-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. |

## Bosnia and Herzegovina

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|---|
| **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

| |
|---|
| **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, 679 pp.; National Art. 12 reporting database 2013-2018; Nankinov, D., A. Dutsov, B. Nikolov, B. Borisov, G. Stoyanov, G. Gradev, D. Georgiev, D. Popov, D. Domuschiev, D. Kirov, E. Tilova, I. Nikolov, I. Ivanov, K. Dichev, K. Popov, N. Karaivanov, N. Todorov, P. Shurulinkov, R. Stanchev, R. Aleksov, R.Tsonev, S. Dalakchieva, S. Ivanov, S. Marin, S. Staikov, S. Nikolov & H. Nikolov. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. BIRDS OF PREY DATA BASE (2013) held by Institute of Biodiversity and Ecosystem Research - Bulgarian Academy of Sciences Мичев и др. (2007). Оценка на националните популации на гнездещите, мигриращите и зимуващите видове птици в България с указани литературни източници (Приложение 4.2.). В: Отчетен доклад, Етап I, Оптимизиране на внесените в МОСВ предложения за изграждане на екологичната мрежа Натура 2000, Българска Академия на Науките, 207-222. |
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## Bulgaria

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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, 679 pp. BIRDS OF PREY DATA BASE (2013) held by Institute of Biodiversity and Ecosystem Research - Bulgarian Academy of Sciences Мичев и др. (2007). Оценка на националните популации на гнездещите, мигриращите и зимуващите видове птици в България с указани литературни източници (Приложение 4.2.). В: Отчетен доклад, Етап I, Оптимизиране на внесените в МОСВ предложения за изграждане на екологичната мрежа Натура 2000, Българска Академия на Науките, 207-222. Nankinov, D., A. Dutsov, B. Nikolov, B. Borisov, G. Stoyanov, G. Gradev, D. Georgiev, D. Popov, D. Domuschiev, D. Kirov, E. Tilova, I. Nikolov, I. Ivanov, K. Dichev, K. Popov, N. Karaivanov, N. Todorov, P. Shurulinkov, R. Stanchev, R. Aleksov, R.Tsonev, S. Dalakchieva, S. Ivanov, S. Marin, S. Staikov, S. Nikolov & H. Nikolov. 2004. Breeding totals of the ornithofauna in Bulgaria, 2004. Green Balkans, Plovdiv. 32 pp. Мичев, Т. 1982. Статус и опазване на дневните грабливи птици в България. – В: Сборник на Национална теоретична конференция по опазване и възпроизводство на обкръжаващата среда. "Слънчев бряг" – 1–5.XI.1982. С., БАН, 326–330. Nankinov, D., G. Stoyanov, G. Kouzmanov, R. Todorov. 1991. Informations sur la situation des Rapaces diurnes en Bulgarie. – Birds of Prey Bull., 4: 293–302. |
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| **Winter short-term trend:** National Art. 12 reporting database 2013-2018; |
| **Winter long-term trend:** No complex available source |

## Croatia

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| **Breeding population size:** Tutiš, V., Kralj, J., Radović, D., Ćiković, D., Barišić, S. (ur.) (2013): Crvena knjiga ptica Hrvatske. Ministarstvo zaštite okoliša i prirode, Državni zavod za zaštitu prirode, Zagreb, 258 str. |
| **Breeding short-term trend:** no data available |
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## Czechia

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| **Breeding population size:** Šťastný et Bejček in prep. - Atlas hnízdního rozšíření ptáků ČR 2014-2017 Národní strategie ochrany dravců a sov ČR. Praha 2017 (manuscript) |
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## Finland

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|---|
| **Breeding population size:** Lehikoinen, A. , Below, A., Jukarainen, A., Laaksonen, T., Lehtiniemi, T., Mikkola-Roos, M., Pessa, J., Rajasärkkä, A., Rusanen, P., Sirkiä, P., Tiainen, J. & Valkama, J. 2019: Suomen lintujen pesimäkantojen koot. – Linnut-vuosikirja 2018: 38-45. |
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| **Breeding long-term trend:** Meller, K., Björklund, H., Saurola, P. & Valkama, J. 2019: Kuuma kesä suosi haukkoja — myyräkato masensi pöllöjä. – Linnut-vuosikirja 2018: 80-95. (in Finnish with English summary). Björklund, H., Saurola, P. & Valkama, J. 2018: Breeding and population trends of common raptors and owls in Finland in 2017. – Linnut-vuosikirja 2017: 56–69. (in Finnish with English summary) |

## France

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## Georgia

| |
|---|
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| **Breeding short-term trend:** Abuladze, A. 2013. Birds of Prey of Georgia (Materials towards a Fauna of Georgia Issue VI). Tbilisi, Printing House "Lasha Khvichia". Tbilisi: 218 pp. (in English) Galvez, R.A., Gavashelishvili, L., Javakhishvili, Z. 2005. Raptors and Owls of Georgia (Field guide). Tbilisi, GCCW & Buneba Print Publishing. Tbilisi: 128 pp. (in English & in Georgian); EBBA Georgia |

## Germany

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

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**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)

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**Breeding population size:** State Environmental Monitoring / Chief Inspectorate of Environmental Protection (survey: MPD – Raptor Survey); expert knowledge

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**Breeding population size:** Voltzit & Kalyakin 2013-2019; Database of the project on Atlas of breeding birds of European Russia

**Breeding short-term trend:** Kontorshchikov et al. 2014; Kostin et al. 2014; Melnikov 2017

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**Breeding long-term trend:** Migration counts Falsterbo

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