

## ***Pernis apivorus* (European Honey-buzzard)**

### **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](mailto:science@birdlife.org).

*Pernis apivorus* (European Honey-buzzard)

**Table 1.** Reported national breeding population size and trends in Europe<sup>1</sup>.

Country (or territory) <sup>2</sup>	Population estimate				Short-term population trend <sup>4</sup>				Long-term population trend <sup>4</sup>				Subspecific population (where relevant)
	Size (pairs) <sup>3</sup>	Europe (%)	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	Direction <sup>5</sup>	Magnitude (%) <sup>6</sup>	Year(s)	Quality	
Albania	20-80	<1	2002-2012	poor	-	10-20	2002-2012	poor	-	10-30	1980-2012	poor	
Armenia	40-60	<1	2002-2012	poor	?				?				
Austria	1,200-2,000	1	2001-2012	medium	0	0	2001-2012	medium	?				
Azerbaijan	100-300	<1	1996-2000	poor	?				?				
Belarus	8,000-11,000	7	2003-2012	medium	0	0	1999-2012	medium	?				
Belgium	780-1,170	1	2008-2012	medium	0	0	2000-2012	poor	+	105-631	1973-2012	poor	
Bosnia & HG	1,000-1,500	1	2010-2014	poor	?				?				
Bulgaria	400-800	<1	2005-2012	medium	0	0	2001-2012	medium	+	100-200	1980-2012	medium	
Croatia	150-250	<1	2010	poor	?				?				
Czech Rep.	650-1,000	1	2001-2003	good	0	0	2000-2012	poor	+	8-18	1980-2012	poor	
Denmark	650	<1	2008	poor	0	0	2000-2011	poor	0	0	1980-2011	medium	
Estonia	900-1,300	1	2008-2012	medium	-	20-50	2001-2012	medium	0	0-10	1980-2012	medium	
Finland	2,200-2,400	2	1998-2012	good	-	27-33	1998-2012	good	-	40-47	1982-2012	good	
France	10,600-15,000	9	2008-2012	good	0	0	2000-2012	medium	0	0	1980-2012	medium	
Georgia	200-600	<1	2005-2012	good	0	0	2000-2012	medium	+	185-1100	1980-2012	medium	
Germany	4,300-6,000	4	2005-2009	good	F	0	1998-2009	good	-	1-40	1988-2009	good	
Greece	1,000-2,000	1	2008-2012	poor	0	0	2001-2012	poor	?				
Hungary	500-750	<1	1998-2001	poor	0	0	2001-2012	poor	?				
Italy	600-1,000	1	2013	poor	?				?				
Kosovo	50-80	<1	2009-2014	medium	?				?				
Latvia	2,000-3,000	2	2012	poor	?				+	0-100	1994-2012	poor	
Liechtenstein	1-3	<1	2009-2014	poor	?				?				
Lithuania	1,000-2,000	1	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Luxembourg	100-180	<1	2008-2012	medium	0	0-20	2000-2012	medium	0	0-20	1980-2012	medium	
FYRO Macedonia	220-400	<1	2001-2012	poor	?				?				
Moldova	1-10	<1	2000-2010	medium	-	30-50	2000-2010	medium	-	20-40	1980-2010	medium	
Montenegro	150-200	<1	2002-2012	medium	?				?				
Netherlands	500-1,000	1	2008-2011	poor	?				?				
Norway	500-1,000	1	2013	medium	F	0	2001-2013	poor	0	0	1980-2013	poor	
Poland	2,700-4,900	3	2010-2012	good	+	1-90	2007-2012	good	?				
Portugal	200-300	<1	2008-2012	poor	?				?				
Romania	5,000-12,000	5	2001-2013	poor	?				?				

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Russia	60,000-80,000	49	2000-2004	poor	-	5-30	2000-2012	medium	F	0	1980-2012	medium	
Serbia	650-820	1	2008-2012	medium	+	1-9	2000-2012	medium	+	≥30	1980-2012	medium	
Slovakia	1,500-3,000	2	2002	medium	-	1-35	2000-2012	poor	-	35-50	1980-2012	poor	
Slovenia	300-500	<1	2002-2012	medium	?				?				
Spain	1,710-1,960	1	2009-2010	good	0	0	1998-2012	good	+		1980-2011	medium	
Sweden	5,200-8,100	5	2008-2010	medium	0	0	2001-2012	good	-	30-70	1980-2012	good	
Switzerland	400-600	<1	2005-2009	medium	+	10-25	2001-2012	poor	+	18-40	1990-2012	poor	
Turkey	100-500	<1	2013	good	?				0	0-19	1990-2013	poor	
Ukraine	2,000-2,500	2	2000	medium	F	5-15	2001-2012	medium	F	20-25	1980-2012	medium	
United Kingdom	36-68	<1	2000	medium	+	21	1996-2008	good	+	577	1980-2008	good	
<b>EU27</b>	<b>44,000-71,100</b>	<b>39</b>			<b>Stable</b>								
<b>Europe</b>	<b>118,000-171,000</b>	<b>100</b>			<b>Decreasing</b>								

<sup>1</sup> 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>.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

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

<sup>6</sup> 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

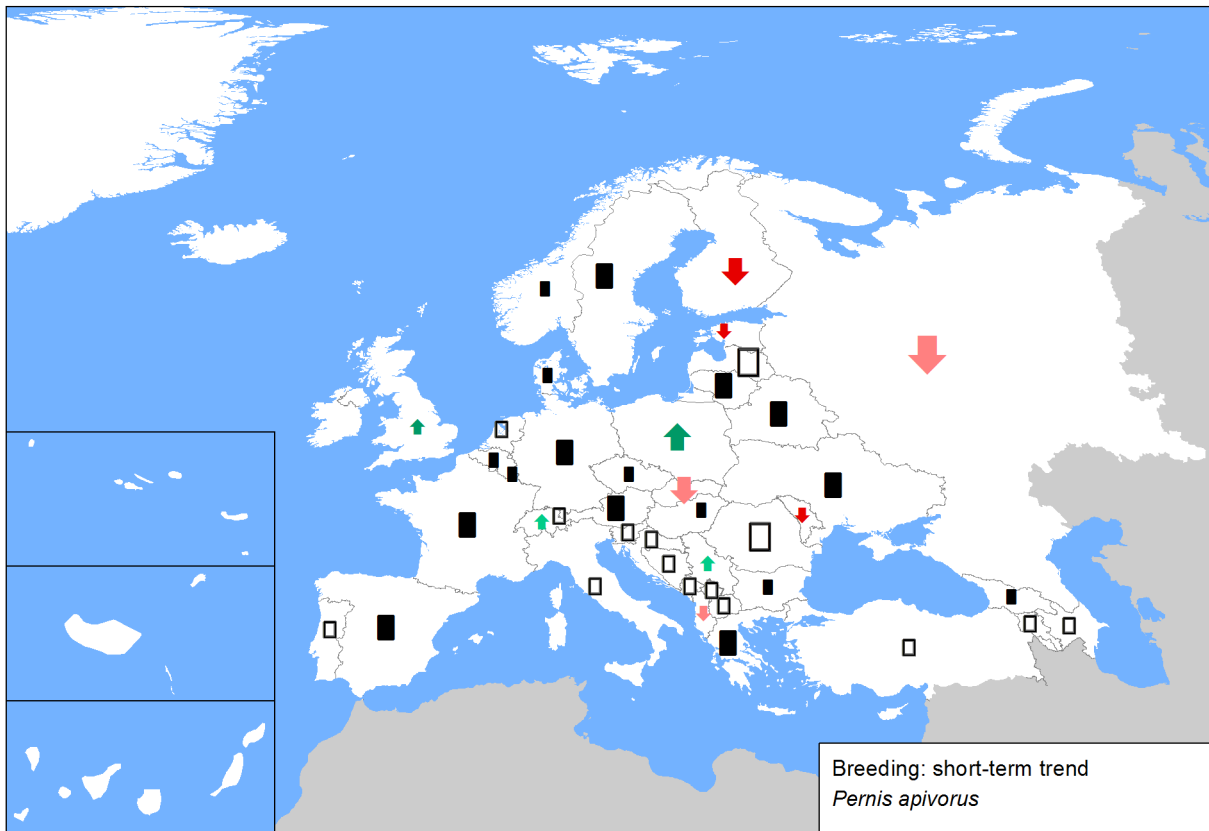
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease ( $< 20\%$ )    |
| ↑ 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.

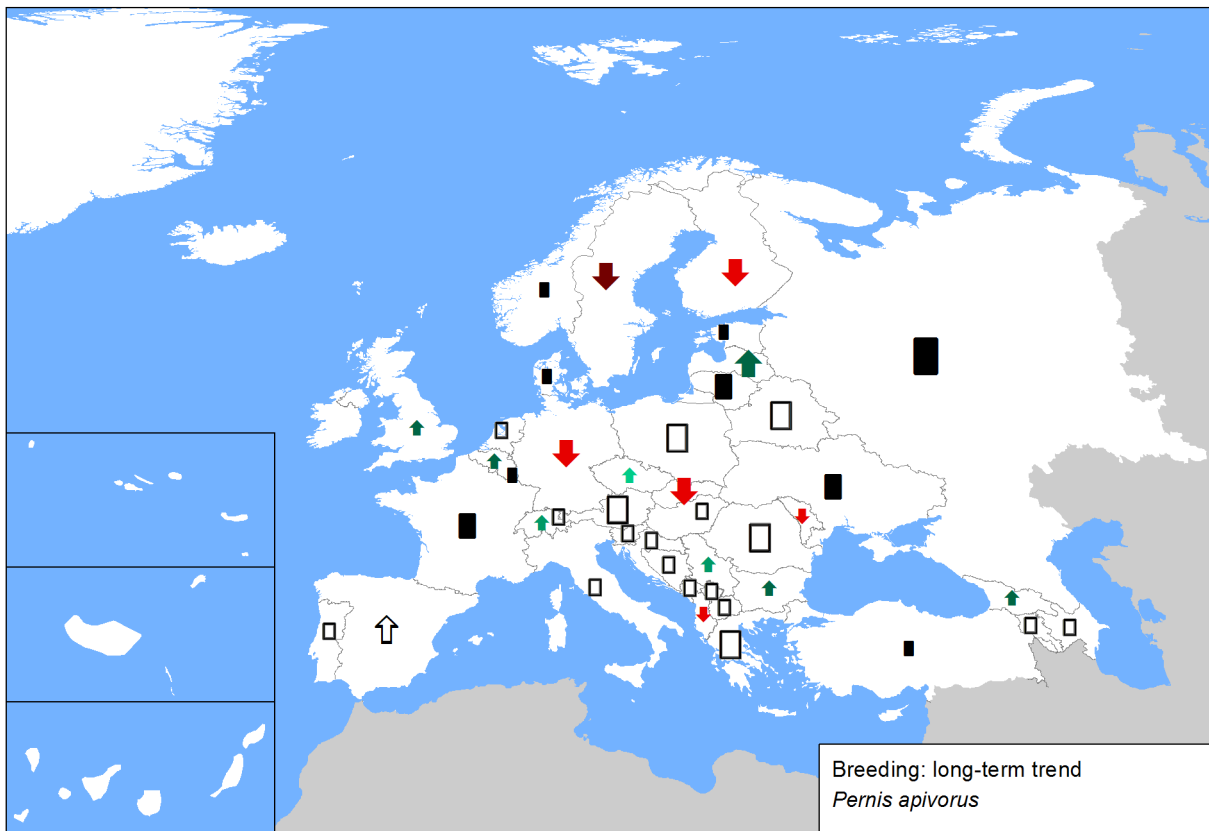
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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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

**Breeding population size:** Bino pers. obs.

**Breeding short-term trend:** Bino pers. obs.

**Breeding long-term trend:** Bino pers. obs.

### Armenia

**Breeding population size:** ASPB data

### Austria

**Breeding population size:** BirdLife Austria, extrapolation on the basis of available unpublished and published population and density data

**Breeding short-term trend:** BirdLife Austria, estimate on the basis of available unpublished and published trend data

### Azerbaijan

**Breeding population size:** BirdLife International 2004

### Belarus

**Breeding population size:** Dombrovski V.Ch., Ivanovski V.V. New data on numbers and distribution of birds of prey breeding in Belarus. //Acta Zoologica Lithuania. - 2005. - V.15, No3. - P.218-227 Dombrovski V.Ch. – personal communication

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### Belgium

**Breeding population size:** Database Rare and less common Breeding Birds, INBO (coord. A.Anselin), selected data Waarnemingen.be, compilation of data and enquiries in ornithological community

**Breeding short-term trend:** expert opinion

**Breeding long-term trend:** Comparison between 2008-2012 estimate and Devillers, 1989 (Atlas of the Belgian Breeding Bird) population estimate

### Bosnia and Herzegovina

**Breeding population size:** Kotrošan, D., Dročić, N., Trbojević, S., Šimić, E., Dervović, I., 2012: Program IBA, Međunarodno značajna područja za ptice, u Bosni i Hercegovini. Ornitološko društvo "Naše ptice", interno izdanje za projekat "Evaluacija IBA područja u FBiH", Sarajevo. Kotrošan, D. & Hatibović, E., 2012: Raptors in Bosnia and Herzegovina – status and perspectives for monitoring. *Acrocephalus* 33 (154/155): 173-179.

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**Breeding short-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. Golemansky V. (ed.) 2011. Red Data Book of Bulgaria. Vol. 2, Animals. <http://e-ecodb.bas.bg/rdb/en/vol2/> BIRDS OF PREY DATA BASE (2013) held by Institute of Biodiversity and Ecosystem Research - Bulgarian Academy of Sciences  
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### Czech Republic

**Breeding population size:** STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšíření ptaku v České republice. Aventinum Praha.

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### Czech Republic

**Breeding short-term trend:** CIHAK K., DIVIS T., KUCERA Z. & MRLIK V. inpress: Monitoring druhu přílohy I směrnice o ptacích a ptacích oblasti v letech 2008-2010. AOPK CR

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**Breeding population size:** Pihl, S., Clausen, P., Petersen, I.K., Nielsen, R.D., Laursen, K., Bregnballe, T., Holm, T.E. & Søgaaard, B. (2013): Fugle 2004-2011. NOVANA. Aarhus Universitet, DCE - Nationalt Center for Miljø og Energi. - Videnskabelig rapport fra DCE nr. 49. 188 s.

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**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. *Hirundo* 26(2): 80-112. URL: [http://www.eoy.ee/hirundo/file\\_download/149/Elts\\_et\\_al\\_2013\\_2.pdf](http://www.eoy.ee/hirundo/file_download/149/Elts_et_al_2013_2.pdf)

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**Breeding population size:** Birds of Prey monitoring data, Finnish Museum of Natural History.

**Breeding short-term trend:** Honkala, J., Saurola, P. & Valkama, J. 2013: Breeding and population trends of common raptors and owls in Finland in 2012. – *Linnut-vuosikirja* 2012: 50–61. (in Finnish with English summary)

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### France

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**Breeding short-term trend:** Monitoring Greifvögel und Eulen

**Breeding long-term trend:** Monitoring Greifvögel und Eulen

### Greece

**Breeding population size:** Hellenic Ornithological Society database

**Breeding short-term trend:** Hellenic Ornithological Society database

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### Hungary

**Breeding population size:** MME Nomenclator Bizottság (2008): Magyarország madarainak névjegyzéke. Nomenclator avium Hungariae. Magyar Madártani és Természetvédelmi Egyesület, Budapest. p. 278. Horváth M., Bagyura J., Fátér I., Firmánszky G., Horváth Zoltán, Palatitz Péter & Prommer Mátyás (szerk.) (2008): Ragadozómadár és bagoly-fajok országos monitoringja 2007-ben. Kutatási jelentés. Magyar Madártani és Természetvédelmi Egyesület. Budapest. 46 pp. National Park Directorate & databases.

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