

## *Emberiza citrinella* (Yellowhammer)

### 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).

#### Contents

Reported national population sizes and trends	p. 2
Trend maps of reported national population data	p. 4
Sources of reported national population data	p. 6
Species factsheet bibliography	p. 11

#### 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).

*Emberiza citrinella* (Yellowhammer)

**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	2,000-4,000	<1	2002-2012	poor	0	0	2002-2012	poor	0	0	1980-2012	poor	
Andorra	50-150	<1	1999-2001	medium	?				?				
Austria	200,000-300,000	1	2001-2012	medium	-	10-20	2000-2011	good	?				
Belarus	600,000-800,000	3	2001-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Belgium	32,000-33,000	<1	2008-2012	medium	0	0	2000-2012	medium	-	31-33	1973-2012	medium	
Bosnia & HG	25,000-30,000	<1	2010-2014	poor	?				?				
Bulgaria	50,000-97,000	<1	2005-2012	medium	0	0	2000-2012	medium	0	0	1980-2012	poor	
Croatia	100,000-300,000	1	2014	poor	?				?				
Czech Rep.	1,548,000-3,096,000	10	2012	medium	-	11-27	2000-2012	good	-	23-42	1982-2012	good	
Denmark	310,000	1	2011	medium	-	20-33	1999-2011	good	-	50-100	1980-2011	good	
Estonia	150,000-200,000	1	2008-2012	medium	0	0-10	2001-2012	medium	-	20-50	1980-2012	medium	
Finland	840,000-1,100,000	4	2006-2012	good	0	0	2001-2012	good	0	0	1983-2012	good	
France	400,000-800,000	3	2008-2012	medium	-	34	2001-2011	good	-	51	1989-2011	medium	
Germany	1,550,000-2,900,000	9	2005-2009	medium	-	17-25	1998-2009	good	0	0	1990-2009	good	
Greece	2,000-5,000	<1	2008-2012	poor	-	5-30	2001-2012	poor	?				
Hungary	605,000-756,000	3	2000-2012	medium	0	0	1999-2012	medium	?				
Rep. Ireland	95,347-290,390	1	2006-2011	good	0	0	1998-2011	good	?				
Italy	20,000-50,000	<1	2003	poor	0	0	2000-2012	poor	-	15-40	1990-2012	poor	
Kosovo	10,000-15,000	<1	2009-2014	medium	?				?				
Latvia	210,827-365,170	1	2012	good	0	0-30	2001-2012	good	0	0-36	1995-2012	medium	
Liechtenstein	80-120	<1	2009-2014	medium	0	0	2003-2014	medium	+	10-20	1980-2014	medium	
Lithuania	200,000-400,000	1	2008-2012	medium	0	0	2001-2012	medium	0	0	1980-2012	medium	
Luxembourg	10,000-15,000	<1	2008-2012	medium	-	10-20	2000-2012	poor	-	20-40	1980-2012	poor	
FYRO Macedonia	30,000-100,000	<1	2001-2012	poor	?				?				
Moldova	30,000-50,000	<1	2000-2010	medium	0	0	2000-2010	medium	F	0	1980-2010	medium	
Montenegro	7,000-10,000	<1	2002-2012	poor	?				?				
Netherlands	24,301-30,929	<1	2008-2011	medium	+	6-17	2002-2011	good	+	44-186	1984-2011	good	
Norway	100,000-200,000	1	2013	poor	?				-	10-15	1980-2013	good	
Poland	3,900,000-4,400,000	18	2008-2012	good	-	20-30	2000-2012	good	?				
Portugal	100-500	<1	2008-2012	poor	?				?				
Romania	400,000-1,100,000	3	2010-2013	medium	F	0-20	2001-2013	medium	?				
Russia	3,000,000-4,500,000	16	2000-2008	poor	+	5-30	2000-2012	poor	-	5-30	1980-2012	medium	

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**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	
Serbia	57,000-75,000	<1	2008-2012	medium	0	0	2000-2012	medium	+	1-9	1980-2012	medium	
Slovakia	800,000-1,500,000	5	2002	poor	0	0	2000-2012	poor	0	0	1980-2012	poor	
Slovenia	90,000-115,000	<1	2002-2012	medium	-	10-30	2001-2012	medium	-	20-50	1980-2012	medium	
Spain	244,000-398,000	1	2004-2006	good	-	14	1998-2012	good	-		1980-2012	medium	
Sweden	378,000-882,000	3	2008-2012	medium	-	26-35	2001-2012	good	-	56-62	1980-2012	good	
Switzerland	50,000-80,000	<1	2008-2012	medium	0	0	2001-2012	good	+	15-50	1990-2012	medium	
Turkey	500-2,000	<1	2013	medium	0	0	2000-2012	medium	+	0-19	1990-2013	poor	
Ukraine	1,500,000-2,000,000	8	2000	medium	-	20-25	1998-2010	medium	-	20-30	1980-2010	medium	
United Kingdom	710,000	3	2009	medium	-	8	1998-2010	good	-	54	1980-2010	good	
<b>EU27</b>	<b>12,800,000-19,900,000</b>	<b>70</b>			<b>Decreasing</b>								
<b>Europe</b>	<b>18,300,000-28,000,000</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

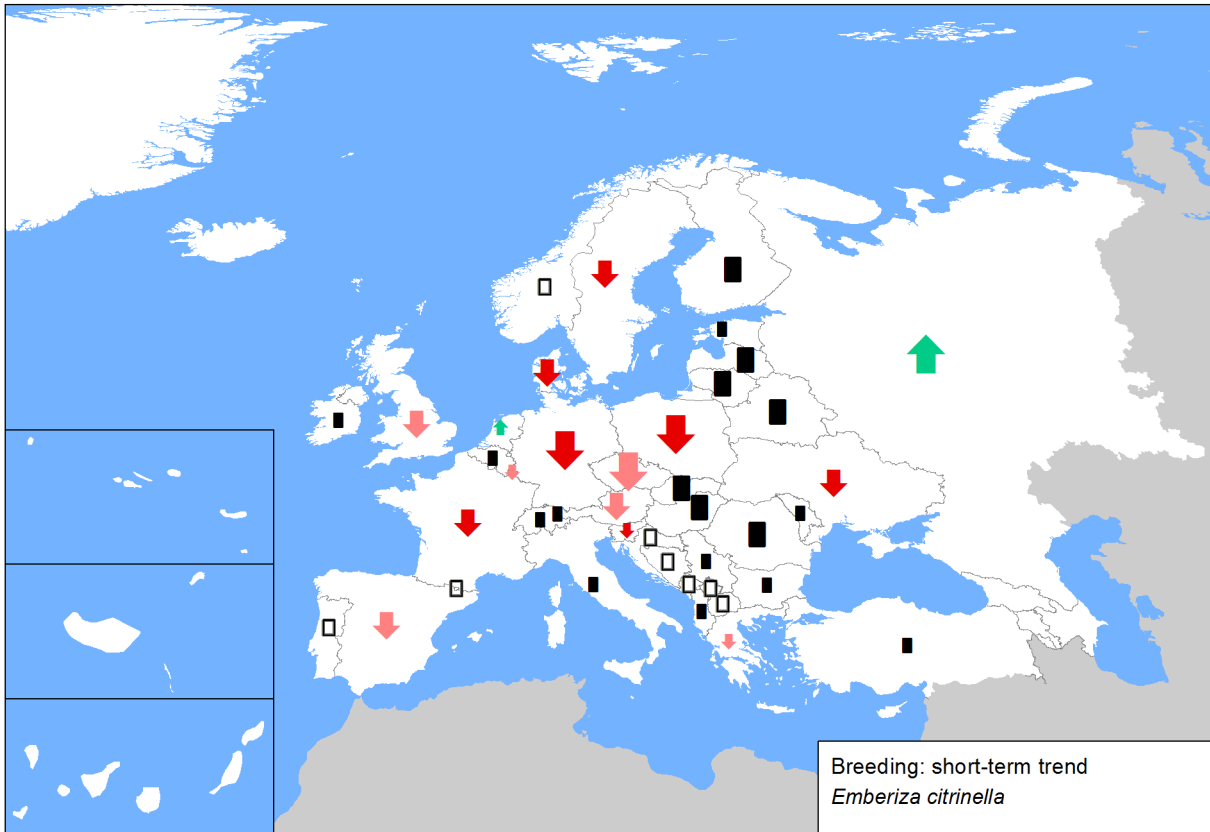
- |   |                                  |
|---|----------------------------------|
| ↑ Large increase ( $\geq 50\%$ )        | ↓ Large decrease ( $\geq 50\%$ ) |
| ↑ Moderate increase (20–49%)            | ↓ Moderate decrease (20–49%)     |
| ↑ Small increase ( $< 20\%$ )           | ↓ Small decrease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

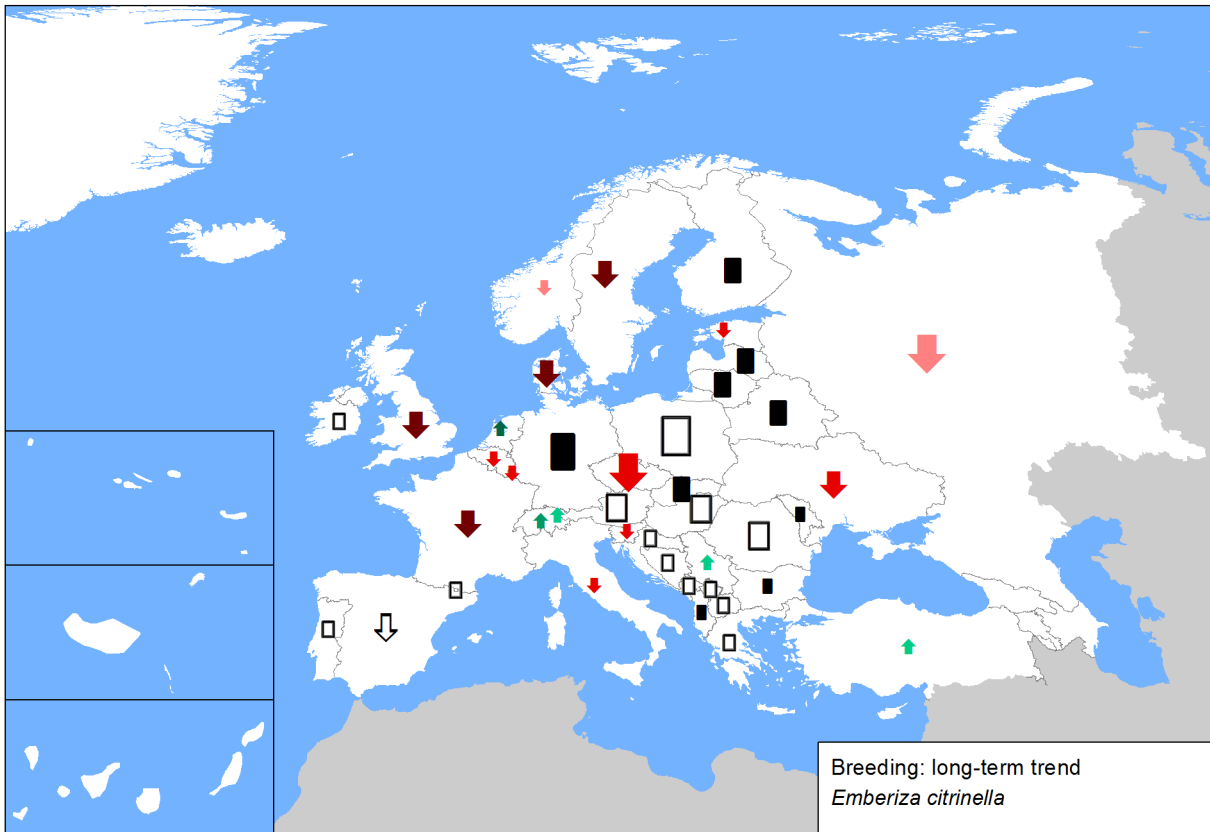
- ↑ Large:  $\geq 10\%$  of the European population
- ↑ Medium: 1–9% of the European population
- ↑ Small:  $< 1\%$  of the European population

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.



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## Sources

### Albania

<b>Breeding population size:</b> Bino pers. obs.
<b>Breeding short-term trend:</b> Bino pers. obs.
<b>Breeding long-term trend:</b> Bino pers. obs.

### Andorra

<b>Breeding population size:</b> BirdLife International 2004
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### Austria

<b>Breeding population size:</b> BirdLife Austria, extrapolation on the basis of available unpublished and published population and density data
<b>Breeding short-term trend:</b> N. Teufelbauer based on data from the Austrian Common Breeding Bird Monitoring

### Belarus

<b>Breeding population size:</b> Koloskov M.N. - personal communication
<b>Breeding short-term trend:</b> BirdLife International (2004) Birds in Europe: population estimates, trends and conservation status. Cambridge, UK: BirdLife International. (BirdLife Conservation Series, No 12).
<b>Breeding long-term trend:</b> Nikiforov M.E., Kozulin A.V., eds. Belarussian birds at the beginning of XXI century: status, numbers, distribution. - 1997. - Minsk. - 187 p.

### Belgium

<b>Breeding population size:</b> Data Breeding Bird atlas Wallonia (Jacob et al 2010), Brussels (Weiserbs 2012) and Flanders (Vermeersch et al 2004) in combination with trend data.
<b>Breeding short-term trend:</b> Common bird monitoring schemes
<b>Breeding long-term trend:</b> Comparison between 2008-2012 estimate and Devillers, 1989 (Atlas of the Belgian Breeding Bird) population estimate

### Bosnia and Herzegovina

<b>Breeding population size:</b> unpublsh data
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### Bulgaria

<b>Breeding population size:</b> Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria . Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. Ivanov, B. 2011. Fauna of Bulgaria, Vol. 30, Aves, part III, Sofia, BAS, 409 p. (in Bulgarian with English Summary) BSPB Bird Database
<b>Breeding short-term trend:</b> Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria . Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. Ivanov, B. 2011. Fauna of Bulgaria, Vol. 30, Aves, part III, Sofia, BAS, 409 p. (in Bulgarian with English Summary) BSPB Bird Database
<b>Breeding long-term trend:</b> Iankov, P. (ed.) 2007 Atlas of Breeding Birds in Bulgaria . Bulgarian Society for the Protection of Birds, Conservation Series, Book 10, Sofia, BSPB, 679 p. Ivanov, B. 2011. Fauna of Bulgaria, Vol. 30, Aves, part III, Sofia, BAS, 409 p. (in Bulgarian with English Summary) BSPB Bird Database

### Croatia

<b>Breeding population size:</b> BiE III Work group, Croatia
<b>Breeding short-term trend:</b> BiE III Work group, Croatia
<b>Breeding long-term trend:</b> BiE III Work group, Croatia

### Czech Republic

<b>Breeding population size:</b> STASTNY K., BEJCEK V. & HUDEC K. 2006: Atlas hnízdního rozšíření ptáku v České republice. Aventinum Praha. JPSP: <a href="http://jpsp.birds.cz/vysledky.php?taxon=890">http://jpsp.birds.cz/vysledky.php?taxon=890</a>
<b>Breeding short-term trend:</b> JPSP: <a href="http://jpsp.birds.cz/vysledky.php?taxon=890">http://jpsp.birds.cz/vysledky.php?taxon=890</a>
<b>Breeding long-term trend:</b> JPSP: <a href="http://jpsp.birds.cz/vysledky.php?taxon=890">http://jpsp.birds.cz/vysledky.php?taxon=890</a>

### Denmark

<b>Breeding population size:</b> BIRDLIFE INTERNATIONAL (2004) Birds in Europe: population estimates, trends and conservation status. Wageningen, The Netherlands: BirdLife International. (BirdLife Conservation Series No. 12) Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindlige fuglearter i Danmark 1975-2011. Årsrapport for Punktællingsprojektet. Dansk Ornitologisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)
<b>Breeding short-term trend:</b> Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindlige fuglearter i Danmark 1975-2011. Årsrapport for Punktællingsprojektet. Dansk Ornitologisk Forening. (The Danish Point Count Census for breeding birds during the period 1999-2011)
<b>Breeding long-term trend:</b> Heldbjerg, H. & Lerche-Jørgensen, M. (2012): Overvågning af de danske almindlige fuglearter i Danmark 1975-2011. Årsrapport for Punktællingsprojektet. Dansk Ornitologisk Forening. (The Danish Point Count Census for breeding birds during the period 1980-2011)

### Estonia

<b>Breeding population size:</b> 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: <a href="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</a>
<b>Breeding short-term trend:</b> 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: <a href="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</a>
<b>Breeding long-term trend:</b> 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: <a href="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</a>

## *Emberiza citrinella* (Yellowhammer)

### Finland

<b>Breeding population size:</b> Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.
<b>Breeding short-term trend:</b> Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.
<b>Breeding long-term trend:</b> Bird monitoring schemes of the Finnish Museum of Natural History, University of Helsinki.

### France

<b>Breeding population size:</b> <a href="http://www.atlas-ornitho.fr/">http://www.atlas-ornitho.fr/</a>
<b>Breeding short-term trend:</b> <a href="http://vigienature.mnhn.fr/page/bruant-jaune">http://vigienature.mnhn.fr/page/bruant-jaune</a>
<b>Breeding long-term trend:</b> <a href="http://vigienature.mnhn.fr/page/bruant-jaune">http://vigienature.mnhn.fr/page/bruant-jaune</a>

### Germany

<b>Breeding population size:</b> Gedeon, K., C. Grüneberg, A. Mitschke & C. Sudfeldt (in Vorb.): Atlas Deutscher Brutvogelarten. SVD & DDA, Münster.
<b>Breeding short-term trend:</b> Monitoring häufiger Brutvögel
<b>Breeding long-term trend:</b> Monitoring häufiger Brutvögel

### Greece

<b>Breeding population size:</b> BirdLife International 2004. Birds in Europe - Population estimates, trends and conservation status. Cambridge, UK, BirdLife International (BirdLife Conservation Series No 12).
<b>Breeding short-term trend:</b> BirdLife International 2004. Birds in Europe - Population estimates, trends and conservation status. Cambridge, UK, BirdLife International (BirdLife Conservation Series No 12).

### Hungary

<b>Breeding population size:</b> National common bird monitoring scheme (MMM) database. Szép, T., Nagy, K., Nagy, Zs. & Halmos, G. (2012): Population trends of common breeding and wintering birds in Hungary, decline of long-distance migrant and farmland birds during 1999-2012. <i>Ornis Hungarica</i> 2012. 20(2): 13-63.
<b>Breeding short-term trend:</b> National common bird monitoring scheme (MMM) database.

### Republic of Ireland

<b>Breeding population size:</b> Crowe, O., Musgrove, A.J. & O'Halloran, J. (2014). Generating population estimates for common and widespread breeding birds in Ireland. <i>Bird Study</i> 61 (1) 82 - 90.
<b>Breeding short-term trend:</b> Crowe, O. (2013). Calculation of short-term trends for Common and Widespread Breeding Birds for Article 12 Reporting. Unpublished report.
<b>Breeding long-term trend:</b> Balmer, D., Gillings, S., Caffrey, B., Swan, B., Downie, I. & Fuller, R. (2013) Bird Atlas 2007-11 The breeding and wintering birds of Britain and Ireland. British Trust for Ornithology. Expert opinion - O. Crowe, BirdWatch Ireland, <a href="http://birdwatchireland.ie/">http://birdwatchireland.ie/</a> . Sharrock, J.T.R. (1976) The Atlas of Breeding Birds in Britain and Ireland. T. & AD Poyser.

### Italy

<b>Breeding population size:</b> BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12
<b>Breeding short-term trend:</b> Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012
<b>Breeding long-term trend:</b> BirdLife International 2004. Birds in Europe: population estimates, trends and conservation status Cambridge, UK: BirdLife International. BirdLife Conservation Series No. 12 Rete Rurale Nazionale & LIPU 2013. Uccelli comuni in Italia. Gli andamenti di popolazione dal 2000 al 2012

### Kosovo

<b>Breeding population size:</b> NGO "Finch" (2014)
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### Latvia

<b>Breeding population size:</b> Calculation based on data collected in Latvian Breeding bird monitoring scheme: Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012. ] (in Latvian) Latvian Ornithological society, 47 pp
<b>Breeding short-term trend:</b> Aunins A. 2006. [Ensuring continuity and compatibility of bird monitoring data regarding changes in the Biodiversity monitoring section of the National Monitoring programme]. Aunins A. 2012. [Changes in the Abundance of Common Birds in Latvia during the Previous Seven Years]. <i>Putni Dabā</i> 2013/1, 10 - 13. Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012. ]. Latvian Ornithological society, 47 pp.
<b>Breeding long-term trend:</b> Aunins A. 2006. [Ensuring continuity and compatibility of bird monitoring data regarding changes in the Biodiversity monitoring section of the National Monitoring programme]. Aunins A. 2012. [Changes in the Abundance of Common Birds in Latvia during the Previous Seven Years]. <i>Putni Dabā</i> 2013/1, 10 - 13. Aunins A., Keišs O. 2012. [Monitoring for the Farmland Bird Population Index. Final report for the year 2012. ]. Latvian Ornithological society, 47 pp.

### Liechtenstein

<b>Breeding population size:</b> Willi, G. (2014) Unpublished collection data
<b>Breeding short-term trend:</b> Willi, G. (2006) Die Vögel des Fürstentums Liechtenstein. Amtlicher Lehrmittelverlag, Vaduz (Naturkundliche Forschung im Fürstentum Liechtenstein, Bd. 22.
<b>Breeding long-term trend:</b> Willi, G. & M.F. Broggi (1986) Die Vogelwelt des Fürstentums Liechtenstein unter Berücksichtigung der benachbarten Gebiete; Teil III: Passeriformes. <i>Ber. Bot.-Zool. Ges. Liechtenstein-Sargans-Werdenberg</i> , Band 15, S. 37-82.; Willi, G. (2006) Die Vögel des Fürstentums Liechtenstein. Amtlicher Lehrmittelverlag, Vaduz (Naturkundliche Forschung im Fürstentum Liechtenstein, Bd. 22.

### Lithuania

<b>Breeding population size:</b> Expert working group of the Lithuanian Ornithological Society ( <a href="mailto:lod@birdlife.lt">lod@birdlife.lt</a> ) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažiūrimo vadovas. Kaunas: „Lututė“, 288 p.
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## *Emberiza citrinella* (Yellowhammer)

### Lithuania

**Breeding short-term trend:** Expert working group of the Lithuanian Ornithological Society (lod@birdlife.lt) Jusys, V., Karalius, S., Raudonikis, L. 2012. Lietuvos paukščių pažinimo vadovas. Kaunas: „Lututė“, 288 p. Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p. Raudonikis L. 2004. Lithuania. In: Birds in Europe: population estimates, trends, and conservation status. BirdLife International, BirdLife Conservation Series No12, Cambridge, UK.

**Breeding long-term trend:** 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). Kurlavičius, P. (ed.) 2006. Lietuvos perinčių paukščių atlasas. Kaunas: „Lututė“, 256 p.

### Luxembourg

**Breeding population size:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

**Breeding short-term trend:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

**Breeding long-term trend:** LUXOR (2013): NATUR&EMWELT - BIRD-DATABASE, LUXEMBOURG Recorder (2013): database, Musée national d'histoire naturelle, Luxembourg Lorgé P., E. Melchior (2010): Die Vögel Luxemburgs. LNVL, Luxembourg. ISBN: 978-2-919920-01-3

### The Former Yugoslav Republic of Macedonia

**Breeding population size:** Veleviski, M., B. Hallmann, B. Grubač, T. Lisičanec, E. Stojnov, E. Lisičanec, V. Avukatov, L. Božič, and B. Stumberger. 2010. Important Bird Areas in Macedonia: Sites of Global and European Importance. *Acrocephalus* 31:181–282.

### Moldova

**Breeding population size:** The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

**Breeding short-term trend:** The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p.

**Breeding long-term trend:** The Atlas of the Breeding Birds of Republic of Moldova. 2010. 100p. Аверин Ю. В., Ганя И.М., Успенский Г. Птицы Молдавии, том 2, Кишинев, 1971, Burfield I., Bommel van F., Birds in Europe. Population estimates, trends and conservation status. BirdLife International. Oxford, 2004. 374p.

### 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. *Ciconia* 12, 36-120. Novi Sad

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**Breeding population size:** NEM, Sovon en CBS, SOVON (2002)

**Breeding short-term trend:** NEM, Sovon en CBS, Boele et al. (2013)

**Breeding long-term trend:** NEM, Sovon en CBS

### Norway

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