

Article 12 National Summary Factsheet – Luxembourg

This factsheet provides statistics presenting the main results from the Member State Article 12 report from the reporting period 2013 – 2018 and, where relevant, a comparison with 2008 - 2012 data.

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1 General information on Natura 2000 network

1.1 Natura 2000 network - number and area of SPAs

The table provides the total number and total area of sites classified under the Birds Directive (Special Protection Areas, SPAs), terrestrial area of sites and number and area of marine sites (i.e. any site with a marine component).

	All sites	Marine sites	All sites area	Spa Terrestrial Area	Marine sites area
SPAs	18	0	419	419	0

Note: The tables provide information as calculated and reported by the Member States in the frame of reporting under Article 12 of the Birds Directive. The numbers correspond to the status and areas of the Birds Directive sites at the end of the reporting period (2018). Although the Article 12 information should be based on the last 2018 submission of the Natura 2000 dataset, these are two separate data flows and discrepancies can occur. For information from the Natura 2000 dataflow please look here: <https://www.eea.europa.eu/data-and-maps/dashboards/natura-2000-barometer>. Empty cells in the table mean that the component is not applicable to that Member State.

1.2 Natura 2000 sites (SPAs) - Conservation measures and management plans

Information is provided below on the proportion of SPAs for which necessary conservation measures have been established and are applied, in addition to the proportion of SPAs for which conservation measures have been set out in either a comprehensive management plan or a similar instrument. The data are calculated as a proportion of the total number of SPAs reported.

	Number of SPAs	Proportion (%) of SPA network area
SPAs for which necessary conservation measures have been established according to Art.6(1) and are applied	5	25
SPAs for which conservation measures have been set out in a comprehensive management plan or a similar instrument	18	100

1.3 Research and other work on bird populations

The table below provides an indication of whether any of the activities listed in the section 6 of the General report have been carried out during the reporting period or recently and if so the year of publication.

	published during the reporting period / year of publication	other recent publication / year of publication
National bird atlas	no	no
National bird monitoring overview(s)	yes/2018	no
National bird red list	yes/2015	no
Other publication(s) of EU-wide interest	no	no

2 General information on bird species/populations reported

2.1 Number of taxa/populations

The table gives the numbers of bird taxa (species and subspecific populations) and populations for which a species-based report was provided, including a breakdown by season and by subsets (e.g. Annex I, SPA trigger and non-native species).

	All taxa	Annex I	Other SPA trigger	Annex II
Breeding	129	19	24	11
Key wintering species	12	2	4	7
Other wintering species	4	3	1	1
Passage	26	20	6	1
Total	171	44	35	20

Note: This table also includes the number of newly arriving species within the reporting period & species extinct after 1980 (reflected in Additional Information below as well).

Non-native species are not included (they are summarised in 'Additional information' below).

Country codes 'PT', 'ES' corresponds to Portugal mainland (excluding Azores and Madeira) and Spain mainland (excluding Canary Islands) respectively. Similarly 'UK' stands for the United Kingdom of Great Britain and Northern Ireland (excluding Gibraltar).

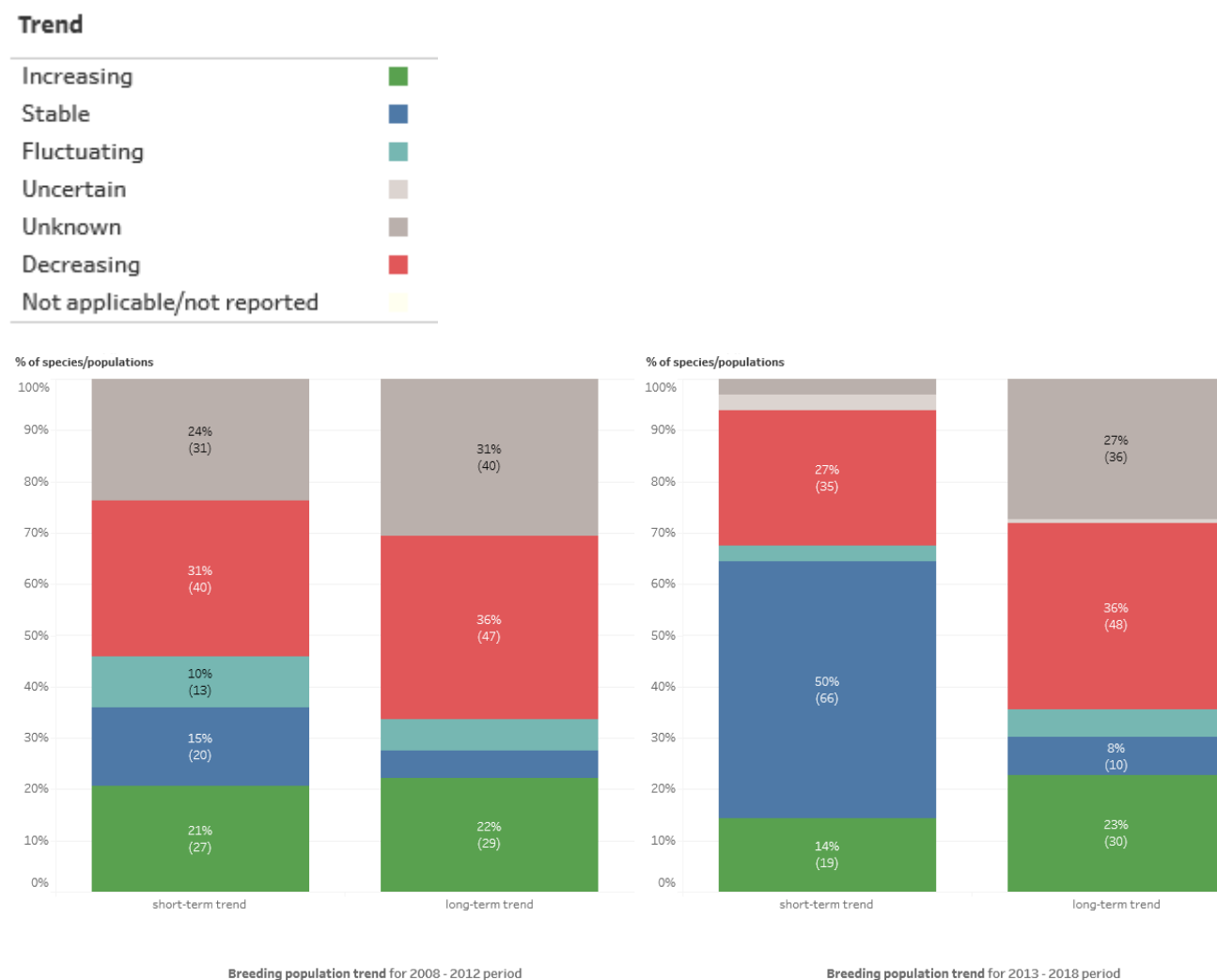
Additional information:

Number of taxa that went extinct nationally after 1980	2
Number of newly arriving taxa	5
Number of non-native taxa	4
Number of taxa with optional occurrence	11

3 Breeding population and distribution trends

3.1 Breeding population trends

The figure shows the percentages of species/populations reported as having decreasing, stable, fluctuating, increasing or unknown population trends for 2008-2012 and 2013-2018 reporting periods. Both short- and long-term population trends are included. The numbers of species/populations in each trend category on which these figures are based are presented in the table below.



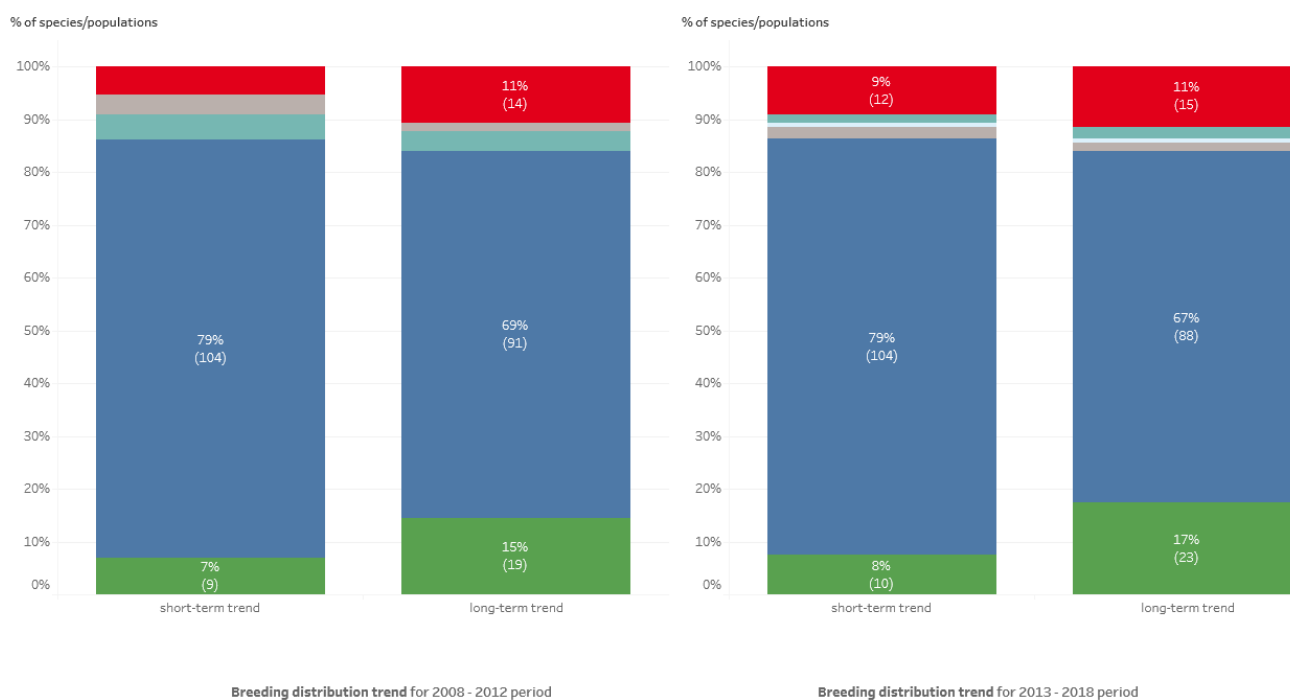
Note: The number/% on the bar chart corresponds to the number/% of species/populations in the category. The figures shown for 2008-2012 and 2013-2018 are not necessarily directly comparable due to changes in methods or to better data. The long-term trend period is a different length between reporting periods.

Number of breeding bird species/populations in trend categories					
Period	Trend	short-term trend		long-term trend	
		n	%	n	%
2008 - 2012	Increasing	27	21%	29	22%
	Stable	20	15%	7	5%
	Fluctuating	13	10%	8	6%
	Unknown	31	24%	40	31%
	Decreasing	40	31%	47	36%
2013 - 2018	Increasing	19	14%	30	23%
	Stable	66	50%	10	8%
	Fluctuating	4	3%	7	5%
	Uncertain	4	3%	1	1%
	Unknown	4	3%	36	27%
	Decreasing	35	27%	48	36%

3.2 Breeding distribution trends

The figure shows the percentages of species/populations reported as having decreasing, stable, fluctuating, increasing or unknown population trends for 2008-2012 and 2013-2018 reporting periods. Both short- and long-term population trends are included. The numbers of species/populations in each trend category on which these figures are based are presented in the table below.

Distribution trend (short-term)



Note: The number/% on the bar chart corresponds to the number/% of species/populations in the category. The figures shown for 2008-2012 and 2013-2018 are not necessarily directly comparable due to changes in methods or to better data. The long-term trend period is a different length between reporting periods.

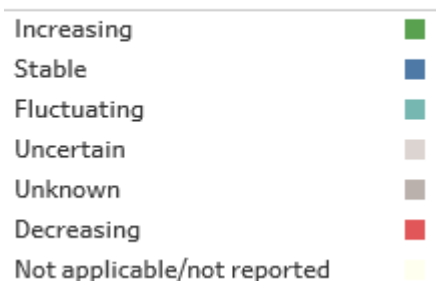
Number of bird species/populations in trend categories

Trend	2013 - 2018				2008 - 2012			
	short-term trend		long-term trend		short-term trend		long-term trend	
	n	%	n	%	n	%	n	%
Increasing	10	8%	23	18%	7	5%	17	13%
Stable	103	79%	87	66%	104	81%	91	71%
Fluctuating	2	2%	3	2%	6	5%	5	4%
Uncertain	1	1%	1	1%				
Unknown	3	2%	2	2%	5	4%	2	2%
Decreasing	12	9%	15	11%	7	5%	14	11%

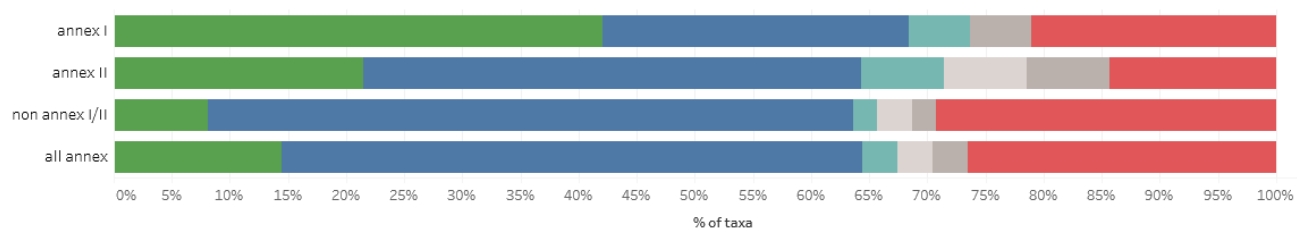
3.3 Breeding population trends for subsets of species/populations

The figure shows the percentages of species/populations (all, Annex I, Annex II and non-Annex I or II) with decreasing, stable, fluctuating, increasing or unknown breeding population trend. The numbers of species/populations in each trend category on which these figures are based are presented in the table below.

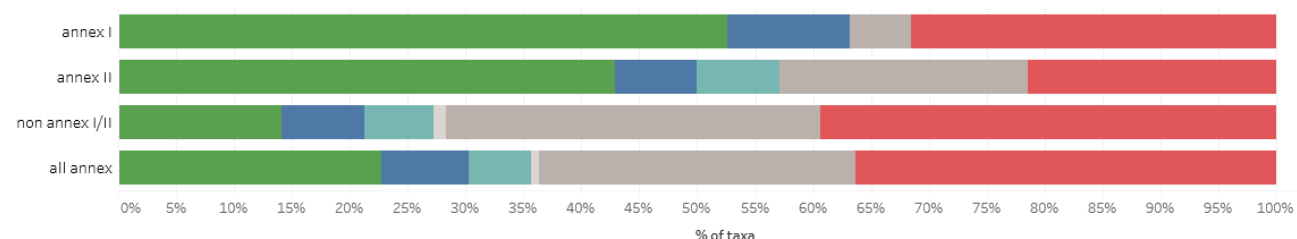
Breeding population trend

Member State(s): **LU**

Short term trend

Member State(s): **LU**

Long term trend



Note: The trend category 'unknown' may also include species for which no trend information was provided. The reported categories 'unknown' and 'uncertain' are presented as one trend category in the graph.

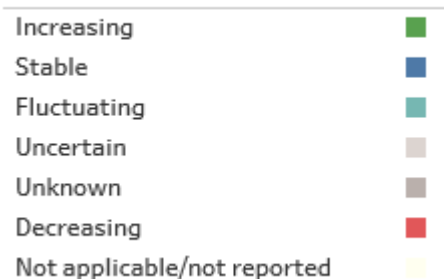
Numbers of species / populations in each trend category

Short term trend					Long term trend				
Trend category	all annex	annex I	annex II	non annex I/II	Trend category	all annex	annex I	annex II	non annex I/II
Increasing	19	8	3	8	Increasing	30	10	6	14
Stable	66	5	6	55	Stable	10	2	1	7
Fluctuating	4	1	1	2	Uncertain	1			1
Uncertain	4		1	3	Unknown	36	1	3	32
Unknown	4	1	1	2	Decreasing	48	6	3	39
Decreasing	35	4	2	29	Fluctuating	7		1	6
Total	132	19	14	99	Total	132	19	14	99

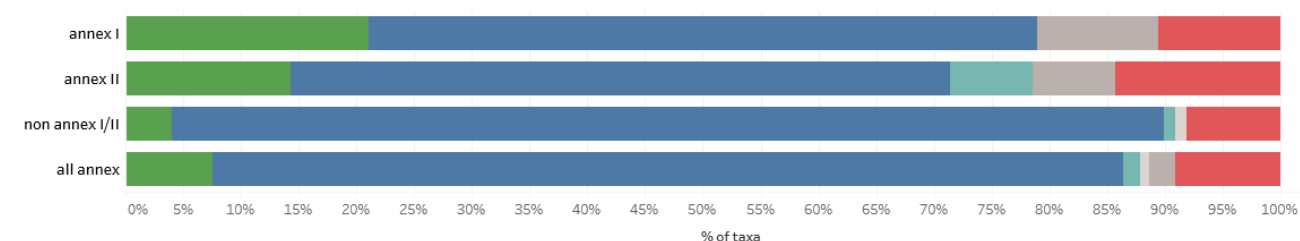
3.4 Breeding distribution trends for subsets of species/populations

The figure shows the percentages of species/populations (all, Annex I, Annex II and non-Annex I or II) with decreasing, stable, fluctuating, increasing or unknown breeding distribution trend. The numbers of species/populations in each trend category on which these figures are based are presented in the table below.

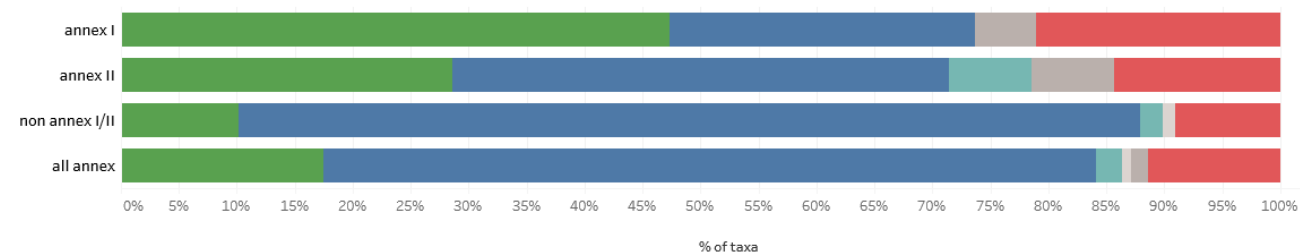
Breeding distribution trend

Member State(s): **LU**

Short term trend

Member State(s): **LU**

Long term trend



Note: The trend category 'unknown' may also include species for which no trend information was provided. The reported categories 'unknown' and 'uncertain' are presented as one trend category in the graph.

Numbers of breeding species / populations in each trend category

Short term trend				
Trend category	all annex	annex I	annex II	non annex I/II
Increasing	10	4	2	4
Stable	104	11	8	85
Fluctuating	2		1	1
Unknown	3	2	1	
Uncertain	1			1
Decreasing	12	2	2	8
Total	132	19	14	99

Long term trend				
Trend category	all annex	annex I	annex II	non annex I/II
Increasing	23	9	4	10
Stable	88	5	6	77
Unknown	2	1	1	
Fluctuating	3		1	2
Decreasing	15	4	2	9
Uncertain	1			1
Total	132	19	14	99

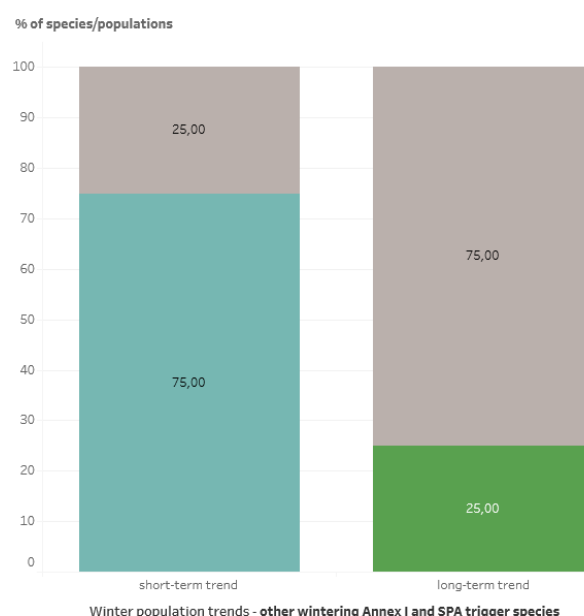
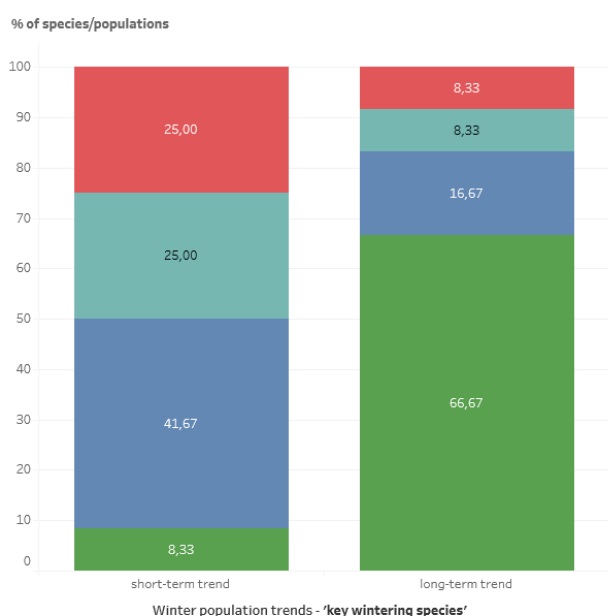
4 Information on winter population trends

4.1 Winter population trends for 'key wintering species' and other wintering Annex I and SPA trigger species

The graphs show the percentages of species/populations reported as having decreasing, stable, fluctuating, increasing or unknown population trends. Both short- and long-term population trends are included. The numbers of species/populations in each trend category on which these figures are based are presented in the tables below.

Trend

Increasing	■
Stable	■
Fluctuating	■
Uncertain	■
Unknown	■
Decreasing	■



Note: The number inside the bars corresponds to the number of species/ populations in the category.
 The trend category 'unknown' may include also species/populations for which no trend information was provided.
 Only species/population for which this information is mandatory ('key wintering species' and other wintering Annex I and SPA trigger species) are included.

Number of bird species/populations in trend categories

Trend category	Winter population trends - 'key wintering species'	
	short-term trend	long-term trend
Increasing	1	8
Stable	5	2
Fluctuating	3	1
Decreasing	3	1

Trend category	Winter population trends - other wintering Annex I and SPA trigger species	
	short-term trend	long-term trend
Increasing	0	1
Stable	0	0
Fluctuating	3	0
Unknown	1	3

Treatment of ‘wintering species’ data:

‘Key wintering species’ ¹	Species classified as ‘key wintering’ (see page 17 of the Article 12 guidelines https://circabc.europa.eu/d/a/workspace/SpacesStore/f308340d-afdc-405d-ad4f-431cde7ab876/Reporting%20guidelines%20Article%2012%20final%20May%202017.docx).
‘Other wintering Annex I and SPA trigger species’ ²	Other species that are reported for ‘winter’ season, Annex I species and species triggering the SPA classification excluding species that are also reported as ‘key wintering’ (as noted above).
<i>Wintering species not covered by Annexes or only included in Annex II</i>	Not included in the analysis above. This is a small group of bird species and not relevant to every Member State. These have been included in Section 2 ‘General information on bird species/populations reported’ (Additional information).

4.2 Winter population trends for subsets of species/populations

The graphs show the percentages of species/populations (all, Annex I, Annex II and non-Annex I or II) with decreasing, stable, fluctuating, increasing or unknown breeding distribution trend. The numbers of species/populations in each trend category on which these figures are based are presented in the tables below.

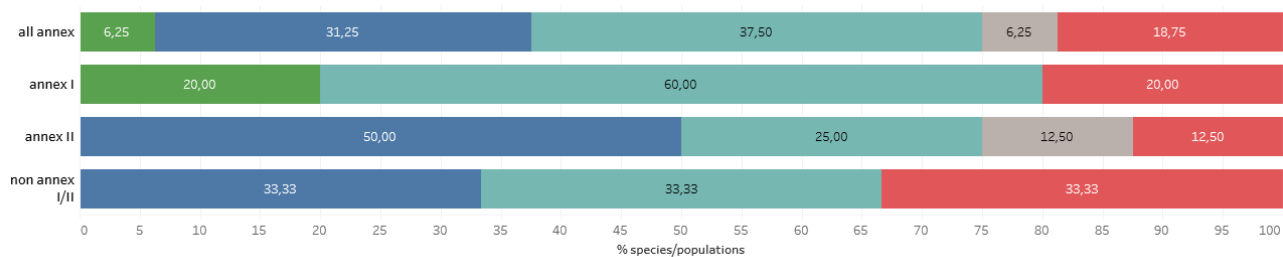
Trend

Increasing	■
Stable	■
Fluctuating	■
Uncertain	■
Unknown	■
Decreasing	■

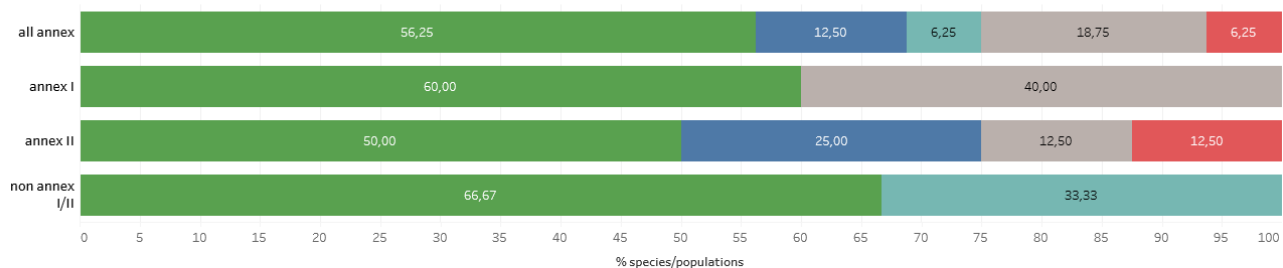
¹ ‘Key wintering species’ as defined in the ‘Explanatory Notes and Guidelines’, covers migratory waterbirds and waders (shorebirds) – which are significantly more abundant in the EU during the winter and/or whose population size and trend are better monitored in winter. The list of ‘key wintering species’ for which a winter season report is expected is provided on the reference portal: http://biodiversity.eionet.europa.eu/activities/Reporting/Article_12/Reports_2019/Files_2019/wintering_birds.xls

² In addition to ‘key wintering species’, the winter population size and trend data are also expected for any species listed on Annex I of the Directive or listed as triggering SPA classifications in winter.

Winter population for subsets of species/populations



Winter population short-term trend



Winter population long-term trend

Note: The trend category 'unknown' may also include species/populations for which no trend information was provided.
 This bar graph combines ALL winter population information (i.e. key wintering, other Annex I wintering and SPA trigger wintering species).

Number of bird species/populations in categories of short-term trend

Trend	all annex	annex I	annex II	non annex I/II
Increasing	1	1		
Stable	5		4	1
Fluctuating	6	3	2	1
Unknown	1		1	
Decreasing	3	1	1	1
Total	16	5	8	3

Number of bird species/populations in categories of long-term trend

Trend	all annex	annex I	annex II	non annex I/II
Increasing	9	3	4	2
Stable	2		2	
Fluctuating	1			1
Unknown	3	2	1	
Decreasing	1		1	
Total	16	5	8	3

5 Implementation of international species plans

5.1 Species with international species plans and with corresponding national plans adopted

The table shows the number of species/populations with international plans (Species Action Plans (SAPs)), Management Plans (MPs) and Brief Management Statements (BMSs), and the number with national plans adopted.

Member State/Sub-national regions: LU	No. of species with international SAP, MP and BMS	No. of species with national plan adopted
Type of plan		
Management Plan (MP)	4	1
Species Action Plan (SAP)	10	3

Note: Species for which a Member State has reported 'yes, there is a national plan adopted' but there is no corresponding international plan, are not counted under number of species/populations with national plan adopted.

5.2 Effectiveness of Species Action Plans (SAPs) for globally threatened species

The table shows the percentage and numbers of species/populations with Species Action Plans (SAPs) and Brief Management Statements (BMSs) for which the national status is moving towards the plan's aim/objective(s), remains unchanged or is further deteriorating away from the plan's aim/objective(s).

	Effectiveness of SAPs	
	Number of species	Percentage
a) moving towards the plan's aim/objective(s) or	3	30%
b) unchanged	5	50%
c) further deteriorating away from the plan's aim/objective(s)	2	20%

Note: Species for which a Member State has provided information in the field '6.2 Effectiveness of species action plans (SAPs)', whereas there is no corresponding international plan, are not counted.

5.3 Effectiveness of Management Plans (MPs) for huntable species in non-Secure status

The table shows the percentage and numbers of species/populations with Management Plans (MPs) for which the national status is improving, remains unchanged or is further deteriorating.

	Effectiveness of MPs	
	Number of species	Percentage
b) unchanged	4	100%

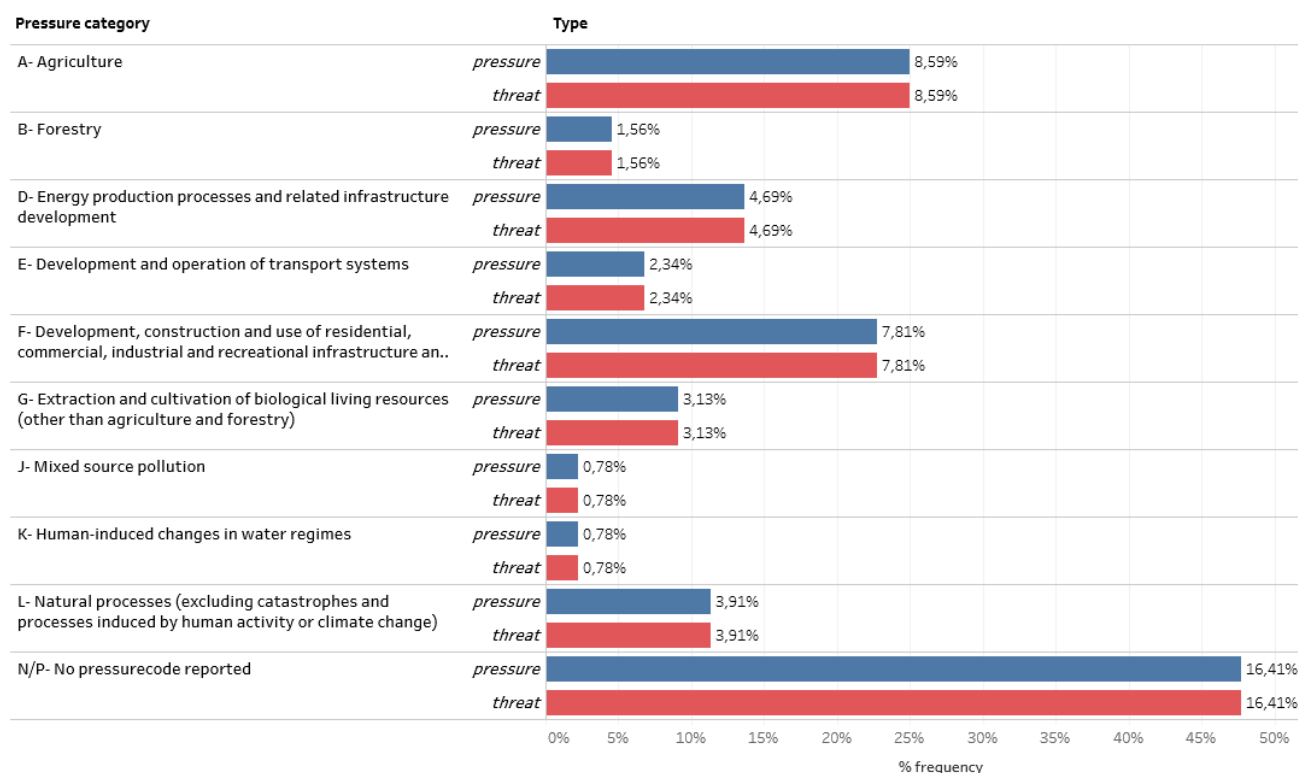
Note: Species for which a Member State has provided information in the field '6.3 Effectiveness of management plans MPs', whereas there is no corresponding management plan, are not counted.

Data in table 5.3 may also include data on species that were previously considered as non-Secure status but are now considered as secure.

6 Information on main pressures and threats

6.1 Frequency of main pressures and threats

The figures below show the percentage of the species/populations reported as being affected by one or more pressures/threats (high only) under the pressure categories A-N (Annex I species only). This information illustrates the relative importance of pressures (currently acting) and threats (expected in near future).



Note: The pressures/threats reported using the pressures from the pressure list are aggregated into broad pressures categories (e.g. 'A - Agriculture'). If for a bird taxon at least one pressure from a respective broad pressure category was reported, this taxon was counted in the graphs as being affected by this broad pressure. If several pressures / threats belonging to the same category were reported for a taxon, the relevant taxon was only counted once. The pressures and threats information was mandatory for species listed in Annex I, plus a selection of taxa for which SPAs has been classified nationally. In addition Member States were encouraged to provide this information also for Annex II taxa and if available for all other species. The graph below includes all these categories, excluding the optional or other unexpected reports (reports for occasional, non-native, etc. species).

Note: Please see online dashboards for other annex information (link is provided in Appendix below).

6.2 Information on main pressures and threats

Pressure category	<i>pressure</i>		<i>threat</i>
A - Agriculture	(11)	22	22
B - Forestry	(2)	10	10
C - Extraction of resources (minerals, peat, non-renewable energy resources)		1	
D - Energy production processes and related infrastructure development	(6)	11	11
E - Development and operation of transport systems	(3)	11	11
F - Development, construction and use of residential, commercial, industrial and recreational infrastructure and areas	(10)	22	22
G - Extraction and cultivation of biological living resources (other than agriculture and forestry)	(4)	7	7
H - Military action, public safety measures, and other human intrusions			
I - Alien and problematic species		1	1
J - Mixed source pollution	(1)	1	1
K - Human-induced changes in water regimes	(1)	6	6
L - Natural processes (excluding catastrophes and processes induced by human activity or climate change)	(5)	11	10
M - Geological events, natural catastrophes			
N - Climate change		2	2
N/P - No pressurecode reported	(21)	21	
X - Unknown pressures, no pressures and pressures from outside the Member State		6	6

Note: the number in brackets is 'high' pressures only.

How pressure & threat data are treated:

The bar charts show the frequency of reported pressures/threats (high & medium) under the pressure categories A-N. This information illustrates the relative importance of pressures (currently acting) and threats (expected in near future).

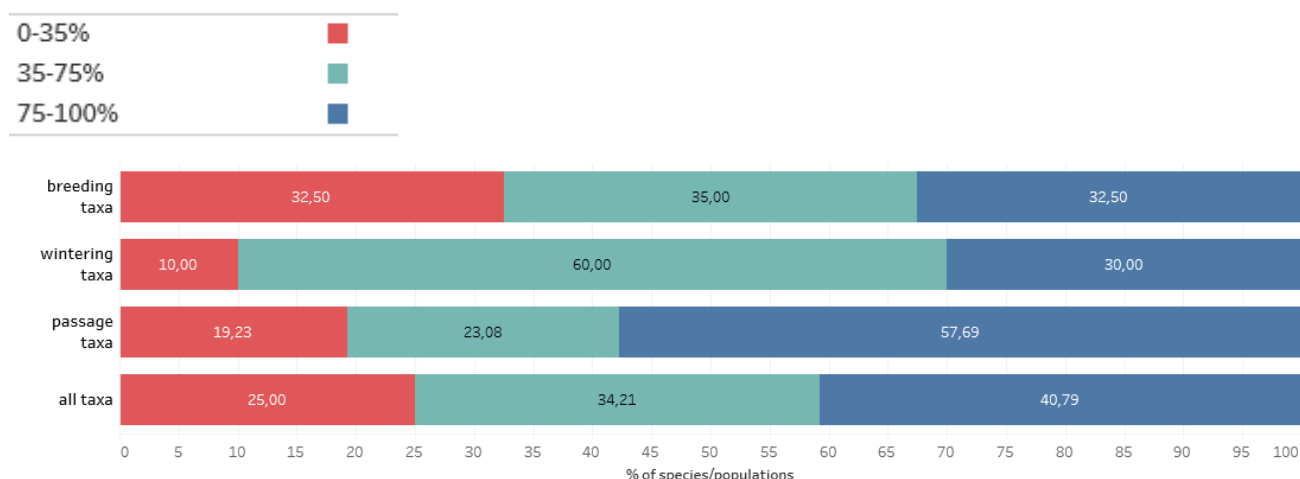
1. The pressures/threats reported are aggregated into broad pressures categories (e.g. 'A – Agriculture') and the frequency is calculated based on this aggregated data.
2. The frequency is based on numbers of reports (**species/populations** per season) under each broad pressure category, therefore species are not aggregated based on their species code or name and are treated as populations based on season (different pressures can be reported under different season for the same species).
3. The % frequency is calculated using a **base number** defined by the filter used in the dashboard (i.e. Member State, Annex, location reported, type). Changing these filters will change the base number of pressures or threats and therefore the % frequency. The base number is always a total number of aggregated pressures (as described in the step 1) within a selection corresponding to the filter(s) applied. The numbers used behind the % frequency in the bar chart can be observed in the table below it.

7 Natura 2000 coverage

7.1 Coverage of bird species by the Natura 2000 network

The figures show the percentage of species/populations for breeding, wintering and passage seasons in three classes based on their coverage by Natura 2000 sites. The numbers of species/populations in three classes of coverage by Natura 2000 sites on which these figures are based are presented in the table below the figures.

Natura 2000 coverage classes



Note: The figure excludes the species for which the coverage by SPA sites is unknown, as neither population size nor size within the SPA network were not reported. The figures for unknown coverage are provided in the table below. Only Annex I and other SPA trigger species (as noted in the Member State's checklist) are included.

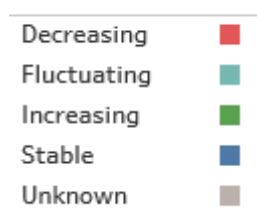
Number of bird species/populations in classes of coverage by Natura 2000

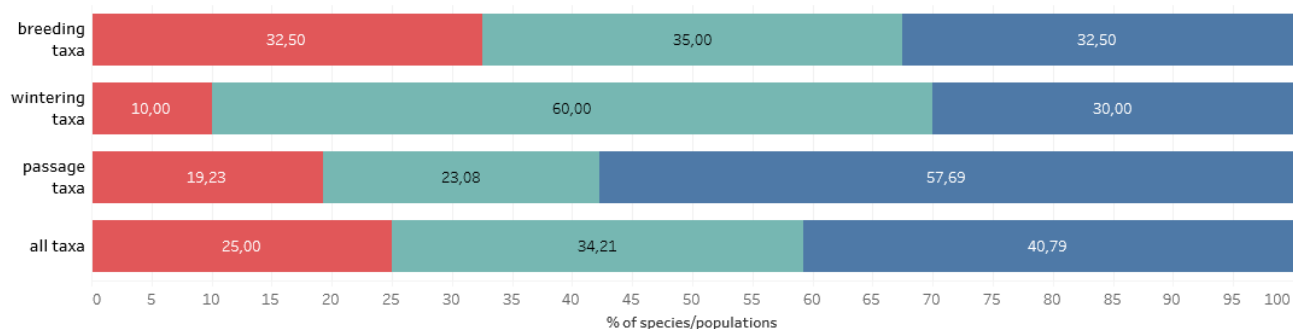
population type	0-35%	35-75%	75-100%	Unknown
breeding taxa	13	14	13	3
wintering taxa	1	6	3	
passage taxa	5	6	15	
all taxa	19	26	31	3

7.2 Population trend within the Natura 2000 network in comparison to overall trends

The figures show the percentage of breeding and wintering species/populations with increasing, stable, unknown and decreasing population trend per classes based on coverage by Natura 2000 sites. The figures compare trends within the Natura 2000 network with overall trends in these coverage classes. The numbers of species/populations on which these figures are based are presented in the table below the figures.

Trend





Note: The figure excludes the species for which the coverage by SPA sites is unknown, as neither population size nor size within the SPA network were not reported. The figures for unknown coverage are provided in the table below.

Only Annex I and other SPA trigger species (as noted in the Member State's checklist) are included.

Number of bird species/populations in classes of coverage by Natura 2000

population type	0-35%	35-75%	75-100%	Unknown
breeding taxa	13	14	13	3
wintering taxa	1	6	3	
passage taxa	5	6	15	
all taxa	19	26	31	3

Treatment of Natura 2000 population information:

The following rules were applied to the Member States data when displaying information on the dashboards:

Information on the Natura 2000 network	Rules applied to data
7.1 Coverage of birds	<ul style="list-style-type: none"> - An average value was used where a min and max value have been provided. - Where best single value was provided, this was used. - Where a minimum value was provided but no max, the minimum value was used. - Where a maximum value was provided but no minimum, the maximum value was divided by 2 and used for as the minimum, an average was then calculated. - Where a population size has not been provided in the national report, this is not used in the bar graph statistics but rather is shown in the table below (for 7.1). - Where the Natura 2000 population is reported as being greater than the population size (i.e. >100% coverage), these records have been excluded from the analysis.
7.2 Trend in population	<ul style="list-style-type: none"> - For the analysis in Dashboard 'Trend in population status' only reports where the same population unit was used (i.e. Annex B 2.2a population size and 9.1a population size within the Natura 2000 network in the report format) were compared (in addition to the rules for 7.1 above).

8 Conservation measures

8.1 Information on the status of the measures

The table summarises the 'status of measures' category for each bird species/population. The data are presented as whole numbers and a percentage of the total number of reports.

	Number / % of species/populations with:			
	measures needed and taken		measures not needed	
Annex I and other SPA trigger species	58	73,4%	21	26,6%

8.2 Main purpose of the measures taken

The table shows the number and percentage of the assessments for each of the categories of 'main purpose of measures taken'.

	Number / % of species / populations with measures taken to mainly:									
	maintain the current distribution, population or habitat		expand the current distribution		increase the population size / improve population dynamics		restore the habitat of the species		total number of assessments with measures taken	
Annex I and other SPA trigger species	33	56,9%	3	5,2%	7	12,1%	15	25,9%	58	100,0%

8.3 Location of measures

The table shows the number and percentage of species/populations with measures taken mainly inside or outside the Natura 2000 network or both.

	Number/% of assessments with:			
	measures mainly inside Natura 2000 sites		measures both inside and outside	
Annex I and other SPA trigger species	16	27,6%	42	72,4%

Note: The information on conservation measures was mandatory for species listed in Annex I, plus a selection of species for which SPAs has been classified nationally.

8.4 Main conservation measures

The table shows the number and percentage of the species/populations with measures taken per measure category.

	Annex I and other SPA trigger species	
CA - Measures related to agriculture and agriculture-related habitats	39	23%
CB - Measures related to forestry and forest-related habitats	15	9%
CC - Measures related to resources extraction and energy production	12	7%
CE - Measures related to development and operation of transport systems	10	6%
CF - Measures related to residential, commercial, industrial and recreational infrastructures, operations and activities	28	16%
CG - Measures related to the effects of extraction and cultivation of biological living resources	5	3%
CH - Measures related to military installations and activities and other specific human activities	1	1%
CI - Measures related to alien and problematic native species	1	1%
CJ - Measures related to mixed source pollution and human-induced changes in hydraulic conditions for several uses	5	3%
CL - Measures related to natural processes, geological events and natural catastrophes	12	7%
CN - Measures related to climate change	1	1%
CS - Measures related to management of species from the nature directives and other native species	42	25%
Total général	171	100%

Note: The information on conservation measures was mandatory for species listed in Annex I, plus a selection of species for which SPAs has been classified nationally. In addition Member States were encouraged to provide this information also for Annex II species and if available for all other species. The table above includes all these categories.

How conservation measures data are treated

Information on conservation measures was only mandatory for Annex I bird species and a selection of species for which SPAs have been classified nationally.

The values for 'main purpose of the measures taken' and 'location of the measures' only include bird species for which 'status of the measures' indicates that all necessary measures have been taken ('measures needed and taken').

List of conservation measures taken

The data were treated as follows:

1. The conservation measures reported are aggregated into broad categories (e.g. 'CA- measures related to agricultural activities').
2. The frequency is based on numbers of reports (**species/populations** per season) under each broad measure category, therefore species are not aggregated based on their species code or name and are treated as populations based on season (different measures can be reported under different season for the same species).
3. The % frequency is calculated based on the total number of aggregated measures (as described in the step 1).

9 Information related to Annex II species

9.1 General information on hunting of Annex II species

The table below provides the number of Annex II species in the Member State and number of Annex II species which are nationally hunted.

Number of Annex II species	Number of Annex II species which are nationally hunted
19	3

10 Data quality and completeness

10.1 Proportion of mandatory information that is missing or reported as unknown

The tables give percentages of species/populations with unknown or missing information for components of bird status for the 2013-2018 period.

Type of mandatory information		% of species/populations with missing and unknown information
Population (breeding)	Size	0%
	Trend (long-term)	33%
	Trend (short-term)	6%
Population (winter)	Size	0%
	Trend (long-term)	25%
	Trend (short-term)	44%
Distribution (breeding)	Area	0%
	Map	4%
	Trend (long-term)	4%
	Trend (short-term)	4%
Hunting bag	Hunting bag	0%
Population within SPA network	Size	0%
	Trend (short-term)	5%
Pressures and threats	List of pressures and threats	0%
Progress in work related to international species plans	Progress plans	0%
Average		7%

10.2 Methods used to estimate values or trends in Member State reports

For some information, the report format requires an indication of which of three methods have been used to estimate the values or trends (complete survey or a statistically robust estimate, extrapolation from a limited amount of data, expert opinion with very limited data). The table provides the percentage of bird species/populations for which values were estimated by each of three methods.

Parameter		% of species/populations			
		Absent data	Complete Survey	Expert opinion	Partial estimate (extrapolation)
Breeding distribution	Area	2%	13%	10%	76%
	Trend (long-term)	1%	11%	11%	77%
	Trend (short-term)	2%	15%	55%	28%
Breeding population	Size		19%	8%	73%
	Trend (long-term)	1%	11%	62%	26%
	Trend (short-term)	2%	29%	26%	44%
Hunting bags	Hunting bags		100%		
Population within SPA network	Size		34%	29%	37%
	Trend (short-term)	1%	29%	48%	22%
Wintering population	Size		69%	6%	25%
	Trend (long-term)		13%	50%	38%
	Trend (short-term)		56%	19%	25%
Average		1%	20%	30%	49%

Appendix

1 Source of information

Member State reported data on the population and distribution trends of bird species (Article 12, Birds Directive 2009/447/EEC).

Member State reported data can be accessed here:

http://cdr.eionet.europa.eu/ReportekEngine/searchdataflow?dataflow_uris=http%3A%2F%2Frod.eionet.europa.eu%2Fobligations%2F278&years%3Aint%3Aignore_empty=&partofyear=&reportingdate_start%3Adate%3Aignore_empty=2019%2F01%2F04&reportingdate_end%3Adate%3Aignore_empty=&country=&release_status=anystatus&sort_on=reportingdate&sort_order=reverse&batch_size=

2 Online dashboards

The online dashboards can be accessed here:

<https://www.eea.europa.eu/themes/biodiversity/state-of-nature-in-the-eu/article-12-national-summary-dashboards>.

3 General Methodology

General methods for Article 12 National Summaries

National Summaries include basic statistics and an overview of the main results from Member States' Article 12 reports and are based on information reported by Member States in their national reports for the period 2013-2018.

The statistics for trends, implementation of international plans, pressures and threats, conservation measures and Natura 2000 are based on the reported information for the following species categories:

Species category ³	Statistics on trends	Other statistics (on implementation of international plans, pressures and threats, conservation measures and on Natura 2000 coverage and trends)
Species present regularly (in any season) (PRE)	included	included
Newly arriving species (ARR)	included	included if available/considered unknown if not provided
Species extinct (probably extinct) since 1980 (EXBA)	included	included if available/considered unknown if not provided
Species extinct before 1980 but for which there is a reintroduction project underway	included if available	included if available/considered unknown if not provided

Only the reports for species in the categories above will be later used to produce analyses and assessments feeding to e.g. EEA's State of Nature Report or Commission's Composite Report, and therefore only these will be included in the statistics in National Summaries.

The reports for species for which the reporting is not requested according to guidelines will not be taken into account in the National Summaries statistics. This includes:

- reports for bird species/populations regionally extinct before 1980 excluding those with reintroduction project – see above.
- any redundant reports for occasional or vagrant species.

³ Following definition of categories provided in the 'Explanatory notes and guidelines'

(<https://circabc.europa.eu/d/a/workspace/SpacesStore/f308340d-afdc-405d-ad4f-431cde7ab876/Reporting%20guidelines%20Article%202012%20final%20May%202017.docx>) under Species to be reported, p.16-19.

- reports for non-native bird species/populations (with an exception of three species included in Annex II of the Birds Directive).
- any other redundant reports e.g. provided for wintering bird species/populations for which the winter season report is not expected according to the guidelines.

According to the guidelines, certain sections of the bird species format should be provided only for some 'groups' of bird species/populations (e.g. winter population trends are expected for 'key wintering species', for Annex I wintering species and for other migratory wintering species triggering SPA classification). The statistics in the National Summaries only use the information from those reports for which a particular information is relevant (mandatory or recommended according to the guidelines) (e.g. potentially reported winter population trends for Annex II species, which are not SPA trigger or listed among 'key wintering' species are not taken into account).

Note on records included in the analysis

The dashboard on 'General information on the bird species/populations reported' represents all bird species reported by the Member States, regardless of Annex, non-Annex, native status or season. In this dashboard, the non-native species are separated from all other species reported. The intention of this dashboard is to give a broad overview of all species reported by the Member State.

From dashboards representing 'Breeding population and distribution trends' onwards, only selected species are used for the analyses. An example of this is section 3 where only breeding bird species are shown.

Note on non-native species

In general, non-native species are not used in the dashboards representing 'Breeding population and distribution trends' onwards. The only exceptions to this are the 4 non-native species listed in the Annex II, see below:

- *Colomba livia* (A206-X)
- *Branta canadensis* (A044-X)
- *Phasianus colchicus* (A115-X)
- *Meleagris gallopavo* (A460-X)