

IWC outputs

Annual Count Totals

Total counted numbers from the global IWC are presented in annual online reports. One report shows the numbers aggregated by species and another by country. The reports are published as a draft in mid-December with a final version published in mid-January. The data is presented in a pivot table with a number of filters that users can apply (e.g. Red List status or geographic region).

Country counted totals: <https://iwc.wetlands.org/index.php/nattotals>

Species counted totals: <https://iwc.wetlands.org/index.php/spectotals>

			Year	2017	2018	2019	2020	2021
			Month	1	1	1	1	1
Region order	Region	Country or Area		1	1	1	1	1
1	North- And Southwestern Europe	Belgium		354,834	467,415	360,838	332,376	
		Denmark		494,852	272,345	479,234	406,438	
		Finland		76,022	36,682	32,695	41,056	
		France		2,732,708	2,719,551	2,720,185	2,860,067	6,774
		Germany		2,660,548	2,034,934	1,883,779	1,496,327	121,811
		Ireland		430,168	373,721	323,014		
		Netherlands		5,636,798	5,403,004	5,053,429	5,518,454	
		Norway		21,986	14,964	17,024		
		Portugal		216,877	274,243	319,354	294,874	
		Spain		1,353,605				
		Sweden		429,195	587,909	754,685	595,834	447,308
		Switzerland		340,717	298,232	318,736	286,236	304,014
		United Kingdom		3,071,735	2,888,223	3,130,291	3,090,225	

			Year	2017	2018	2019	2020	2021
			Month	1	1	1	1	1
Taxonomic order	Scientific name	Common name		1	1	1	1	1
376	<i>Anseranas semipalmata</i>	Magpie Goose		72		736		
377	<i>Dendrocygna viduata</i>	White-faced Whistling-duck		213,836	45,422	119,936	59,746	112,337
379	<i>Dendrocygna guttata</i>	Spotted Whistling-duck		3		16		
381	<i>Dendrocygna bicolor</i>	Fulvous Whistling-duck		2,997	7,038	7,645	17,212	1,721
383	<i>Dendrocygna arcuata</i>	Wandering Whistling-duck		851	598	5,617	5,486	4,792
384	<i>Dendrocygna javanica</i>	Lesser Whistling-duck		80,101	61,277	118,917	77,257	9,275
385	<i>Dendrocygna spp.</i>	Unidentified Whistling-duck		10		42	100	398
386	<i>Thalassomis leuconotus</i>	White-backed Duck		39	168	122	226	1
389	<i>Oxyura jamaicensis</i>	Ruddy Duck		212	170	213	95	
392	<i>Oxyura australis</i>	Blue-billed Duck		144				
393	<i>Oxyura maccoa</i>	Maccoa Duck		260	230	207	131	
394	<i>Oxyura leucocephala</i>	White-headed Duck		11,880	7,482	19,731	3,624	26
396	<i>Biziura lobata</i>	Musk Duck		55				

IWC population trend analyses

For the AEWA Conservation Status Report 8th edition, trends were calculated for 358 populations using IWC data. The results of these trend analyses are available on the IWC online portal. Users can search for a population using any part of the species or population name (e.g. “Anas”, “Europe”). Opening a population gives graphs for the national counted totals, the trend line and the contribution of countries to the trend. Some information on the counted IWC numbers relative to the last population assessment are also included and the population trend statistics and an interpretation of the trend result.

IWC Population trends for the AEWA CSR8: <https://iwc.wetlands.org/index.php/aewatrends8>

Population List

Anas
Anas undulata (Yellow-billed Duck), undulata, Southern Africa
Anas platyrhynchos (Mallard), platyrhynchos, North-west Europe
Anas platyrhynchos (Mallard), platyrhynchos, Northern Europe/West Mediterranean
Anas platyrhynchos (Mallard), platyrhynchos, Eastern Europe/Black Sea & East Mediterranean
Anas platyrhynchos (Mallard), platyrhynchos, Western Siberia/South-west Asia
Anas capensis (Cape Teal), Eastern Africa (Rift Valley)
Anas capensis (Cape Teal), Southern Africa (N to Angola & Zambia)
Anas erythrorhyncha (Red-billed Teal), Southern Africa
Anas erythrorhyncha (Red-billed Teal), Eastern Africa
Anas erythrorhyncha (Red-billed Teal), Madagascar

Flyway trend analyses based on data from the African–Eurasian Waterbird Census from the period of 1967–2018

Anas platyrhynchos (Mallard), *platyrhynchos*, North-west Europe

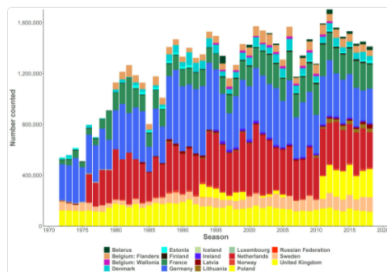


Figure 1 National totals of IWC counts

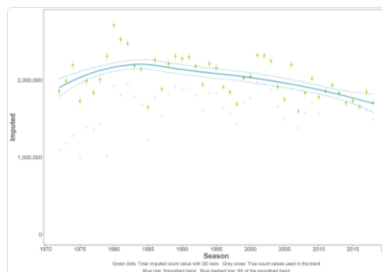


Figure 2 Population trend based on IWC data

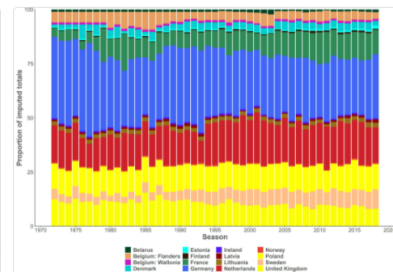


Figure 3 Contribution of countries to imputed totals

Population Size

CSR7 (Wetlands International 2018) estimated the population to be around 4,200,000 - 6,700,000 individuals. The highest annual IWC count total between 2014–2018 was 1,532,281 individuals.

Population Trend Statistics

Overall trend statistics: 1972-2018: 0.996 (SE 4e-04) - Moderate decrease ($p < 0.01$)
Trend statistics over 3 generations: 2004-2018: 0.9934 (SE 0.0017) - Moderate decrease ($p < 0.05$)
10 year trend statistics: 2009-2018: 0.9867 (SE 0.0028) - Moderate decrease ($p < 0.05$)

Based on the smoothed imputed totals, the population has decreased by 8% (n.s.) in 14 years, i.e. in 3 generations. Based on the growth rate of the last 10 years, the population is projected to decrease by 17% in 3 generations compared to the population levels in 2009.

This document only reports the findings of the trend analyses based on IWC data, but not the final assessment of the status of the population. For status assessments considering also other sources of information, please visit the [Waterbird Population Estimates Portal \(CSR8\)](#).

Population size assessments, trends and 1% thresholds

For the AEWA Conservation Status Report, IWC trend analysis and count numbers are combined/compared with other data sources (e.g. breeding survey results) to produce final status assessments for all AEWA populations. The final AEWA CSR report will only be available after the AEWA MoP in September 2022. However all the population size assessments, trends and 1% thresholds are already available on the Waterbird Populations Portal. This portal also includes the population boundary map and all previous population assessments.

AEWA CSR8 populations assessments: <http://wpp.wetlands.org/explore?conservation=1>

Filtered by:

AEWA x

[Clear filters and search criteria](#)

Collapse All

Family: **Ducks, geese and swans** (*Anatidae*)

Collapse

Species: [White-faced Whistling-duck](#) (*Dendrocygna viduata*) Least Concern [↗](#)

Expand

Species: [Fulvous Whistling-duck](#) (*Dendrocygna bicolor*) Least Concern [↗](#)

Expand

Species: [White-backed Duck](#) (*Thalassornis leucotis*) Least Concern [↗](#)

Expand

Species: [Maccoa Duck](#) (*Oxyura maccoa*) Endangered [↗](#)

Expand

Species: [White-headed Duck](#) (*Oxyura leucocephala*) Endangered [↗](#)

Expand

Species: [Mute Swan](#) (*Cygnus olor*) Least Concern [↗](#)

Expand

Species: [Whooper Swan](#) (*Cygnus cygnus*) Least Concern [↗](#)

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[Clear filters and search criteria](#)

[Mallard](#) (*Anas platyrhynchos*) Least Concern [↗](#)

Collapse



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RHYNCHOS, NORTH-WEST EUROPE

≈
0000 - 7100000

Size estimate quality
Expert opinion

Trend
DEC

Trend quality
Good

1% Threshold
53000

Notes
[S9260](#), [T2](#)

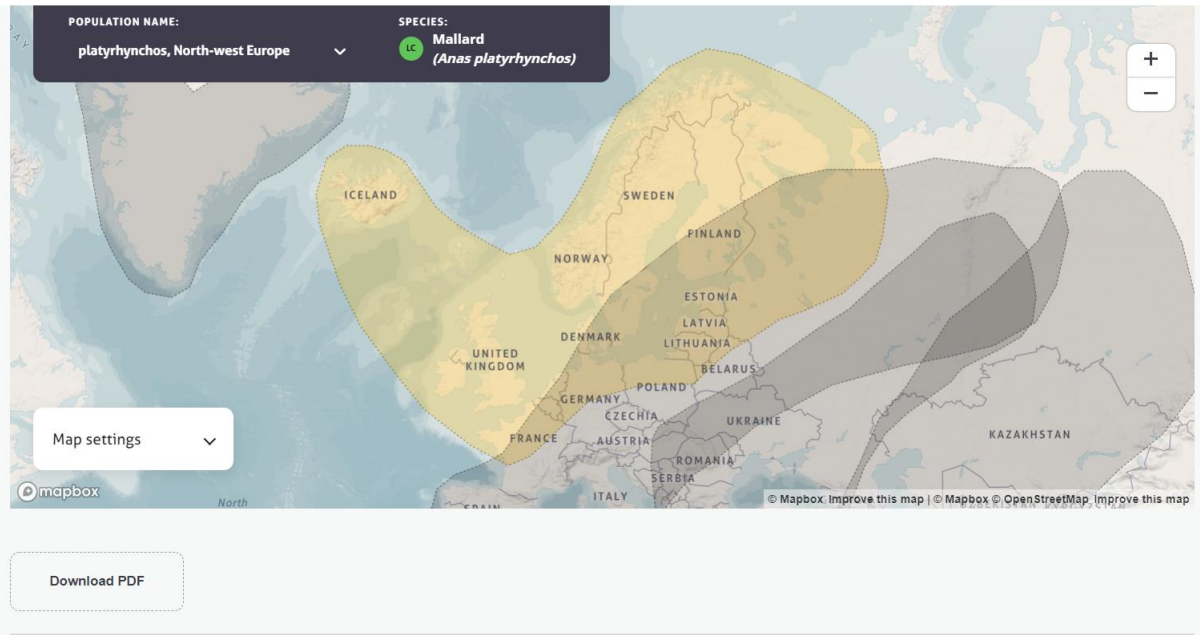
≈ - Year
3 - 2018

Size references
[R1619](#), [R1625](#), [R1620](#),
[R1668](#), [R1684](#), [R1626](#)

Trend - Year
2009 - 2018

Trend references
[R1619](#), [R1625](#)

1% Yearset
2018



Population information

Population name	platyrhynchos, North-west Europe		
Breeding range	N Europe	Non-breeding range	NW Europe E to the Baltic
Ramsar regions	Europe		
Active	Yes		
Notes	-		

Conservation frameworks

AEWA, EUBD

Population size

Collapse

Publication	Start year	End year	Minimum	Maximum	Estimate quality	Notes	References
AEWA CSR 8	2013	2018	4500000	7100000	Expert opinion	N9260	R1619, R1620, R1625, R1626, R1668, R1684
AEWA CSR 7	2000	2012	4200000	6700000	Expert opinion	N9074	R1548
AEWA CSR 6	2000	2012	4500000	4500000	Expert opinion	N8529	R1361, R1362, R1381, R1437, R1480
AEWA CSR 5	1995	1996	4500000	4500000	Expert opinion		R859, R888
AEWA CSR 4	1995	1996	4500000	4500000	Expert opinion		
WPE 5	1995	1996	4500000	4500000	Expert opinion		
WPE 4	1995	1996	4500000	4500000	No quality assessment	R692	

EU Multispecies Indices

Multispecies trend indices are calculated annually on data from EU countries for Annex 1, Annex 2 and unlisted species. Individual species trends at the EU level are also calculated. The results are published in December on the IWC online portal.

EU multispecies trends: <https://iwc.wetlands.org/index.php/eumsi>

European Union Multispecies Trends

The below trends combine species' trends from the European Union into multispecies indicators, calculated with data from the International Waterbird Census (IWC). The species are grouped according to their status under the European Union Birds Directive: Annex 1 (protected) species, Annex 2 (huntable) species and species not listed on the Annexes but occurring in sufficient numbers during the IWC in the EU to produce a trend.

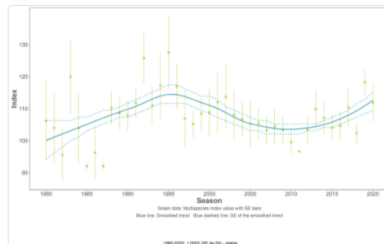
Select from the below to view the multispecies indicators and more information on the contributing species.

Multispecies Trends List

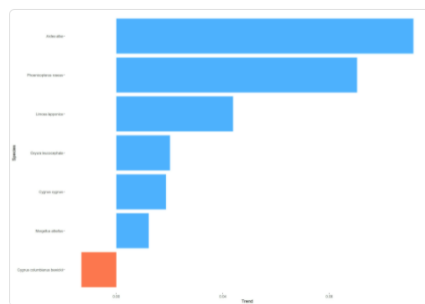
- Combined trend for waterbird species protected under Annex 1 of the European Birds Directive
- Combined trend for waterbird species listed under Annex 2 of the European Birds Directive
- Combined trend for non-breeding EU waterbird species not listed on the Annexes of the European Birds Directive

European Union trend analyses based on data from the African–Eurasian Waterbird Census from the period of 1980–2020

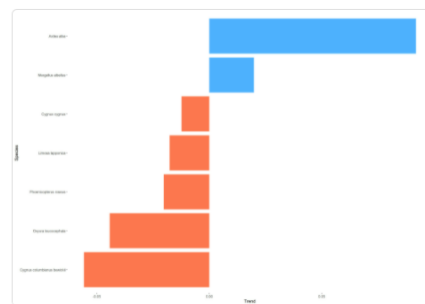
1. Combined trend for waterbird species protected under Annex 1 of the [European Birds Directive](#):



2. Long- and short-term annual rate of change in the European Union for the contributing species:

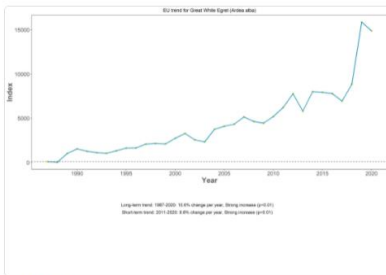


Annual rate of change per species 1980-2020 (Long-term trend)

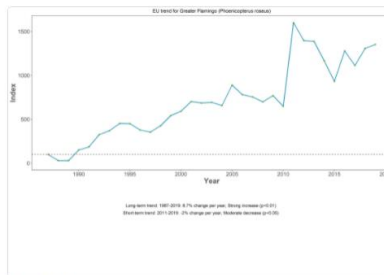


Annual rate of change per species 2011-2020 (Short-term trend)

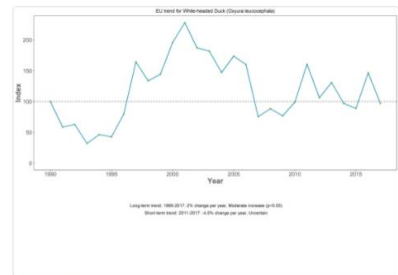
3. European Union trends for the contributing species:



EGRAL
Great White Egret (*Ardea alba*)



PHORO
Greater Flamingo (*Phoenicopterus roseus*)



OXYLE
White-headed Duck (*Oxyura leucocephala*)

