

MOST-NUMEROUS AVES IN US & CANADIAN ZOOLOGICAL INSTITUTIONS
AND A COMPARISON OF POPULATIONS FROM FIVE YEARS PAST**

December 31, 2019

Robert Webster – ASAG Avian Population Advisor

Current rank	12-'14 rank	Species * - indicates species is represented by more than one taxa	Population/sex ratio	# hatched last 12 months	# holding institutions	12/19 population	12/14 population	AZA TAG program	IUCN status (if above LC)
1	1	Budgerigar	789.720.7152	271	38	8661	7256		
2	2	American Flamingo	1126.1046.170	99	61	2342	2186	Green SSP	
3	3	Chilean Flamingo	897.749.87	87	66	1764	1733	Green SSP	NT
4	4	*Red Jungle Fowl / Domestic Chicken	165.735.554	66	129	1454	1589		
5	9	African Penguin	581.521.29	81	53	1131	787	Green SSP	EN
6	5	Common Peafowl	408.249.491	150	98	1008	1148		
7	13	Greater Flamingo	350.379.47	88	16	776	592	Green SSP	
8	10	Taveta Golden Weaver	401.383.181	214	53	965	744	Monitored	
9	7	*Rainbow /Coconut Lorikeet	186.200.332	64	39	718	872		
10	11	Scarlet Ibis	290.281.81	26	76	652	736	Yellow SSP	
11	14	*Gentoo Penguin	268.285.36	45	19	589	513	Green SSP	
12	15	Lesser Flamingo	383.182.3	30	18	568	513	Green SSP	NT
13	8	Cockatiel	98.92.338	55	39	528	805		
14	21	*Nicobar Pigeon	241.206.68	58	68	515	423	Yellow SSP	NT
15	12	*Helmeted Guineafowl	140.86.269	29	63	495	675		
16	17	White-faced Whistling Duck	200.190.56	47	65	446	473	DERP	
17	23	Humboldt Penguin	238.182.3	26	19	423	408	Green SSP	VU
	22	Australian Rainbow Lorikeet	125.153.145	31	33	423	410		
19	24	Blue-and-Yellow Macaw	184.153.59	-	128	396	372		
20	27	Speckled Mousebird	145.98.147	28	35	390	365	Candidate	
21	16	*Rock Dove	45.43.277	39	28	365	490		
22	28	Hooded Merganser	159.149.50	80	56	358	363	DERP	
23	18	North American Wood Duck	165.123.65	76	60	353	462	DERP	
24	20	*Ruddy Duck	169.123.51	61	46	343	439	DERP	
25	30	*Ostrich	72.226.40	5	87	338	337	Monitored	
26	37	*Bald Eagle	132.161.39	-	153	332	303		
27	84	Marbled Teal	175.136.9	104	44	320	144	Yellow SSP	VU

28	49	Redhead	140.130.45	59	43	315	241		
29		*Burrowing Owl	136.147.25	41	61	308	105	Yellow SSP	
Current rank	12-'14 rank	Species * - indicates species is represented by more than one taxa	Population/sex ratio	# hatched last 12 months	# holding institutions	12/19 population	12/14 population	AZA TAG program	IUCN status (if above LC)
30	33	*East African / Grey Crowned Crane	141.145.18	11	71	304	322	Green SSP	EN
31	19	*Mallard	88.34.181	7	65	303	452		
32	45	Greater Rhea	53.66.180	6	34	299	248	Yellow SSP	NT
	38	*Southern Rockhopper Penguin	134.153.12	20	13	299	300	Green SSP	VU
34	29	Roseate Spoonbill	130.142.26	48	57	298	344	Green SSP	
35	52	*Metallic Starling	145.134.15	54	14	294	226	Monitored	
36	53	Inca Tern	148.129.11	32	26	288	223	Green SSP	NT
37	6	Zebra Finch	3.1.278	147	5	282	1141		
38	42	Emu	99.91.84	5	95	274	278	Monitored	
39	31	Gouldian Finch	117.66.89	114	11	272	333	Monitored	NT
40	39	* Common Pintail	128.122.9	44	46	259	295	DERP	
41	46	*King Penguin	153.101.0	15	15	254	247	Green SSP	
	56	Magellanic Penguin	122.94.2	24	13	254	218	Green SSP	NT
43	58	*Pied Imperial Pigeon	114.94.31	25	36	239	213		
44	55	*Laughing Kookaburra	124.105.9	10	113	238	220	Yellow SSP	
45	25	Ringed Teal	109.78.49	38	58	236	369	DERP	
46	48	*Eastern Screech Owl	60.65.110	4	105	235	245		
47	32	Mandarin Duck	129.93.9	23	56	231	326	DERP	
48	41	*Green-winged Dove	126.97.7	14	31	230	283	Yellow SSP	
49	40	Egyptian Goose	38.40.151	6	25	229	288		
50	51	*Great Horned Owl	72.83.72	-	132	227	233		
51	25	Western Cattle Egret	63.38.114	5	38	215	369		
52	36	*Scarlet Macaw	99.97.15	4	76	211	311		
53	50	*Red-tailed Hawk	50.91.58	-	142	199	240		
54	54	Black-crowned Night Heron	38.30.129	-	30	197	222		
55	71	Macaroni Penguin	93.103.0	18	9	195	167	Green SSP	VU
56	62	*Sandhill Crane	86.76.30	22	53	192	190		
	60	*Common Barn Owl	74.67.51	3	87	192	202		
58	46	Sun Conure	95.62.31	11	37	188	247		EN
59	74	Green-winged Macaw	95.69.18	-	91	182	163		

	70	Tawny Frogmouth	102.80.0	15	73	182	168	Green SSP	
61	68	*Turkey Vulture	55.51.74	-	111	180	170		
62		Chinstrap Penguin	83.78.11	14	5	172	117	Green SSP	
63	59	*Black-bellied Whistling Duck	35.60.74	1	28	169	204	DERP	
Current rank	12-'14 rank	Species * - indicates species is represented by more than one taxa	Population/sex ratio	# hatched last 12 months	# holding institutions	12/19 population	12/14 population	AZA TAG program	IUCN status (if above LC)
64	75	American White Pelican	106.22.37	-	38	165	162		
65	69	Adelie Penguin	79.82.2	2	2	163	169	Candidate	
	66	*Harris' Hawk	93.53.17	5	76	163	172		
	72	Blue-grey Tanager	83.72.8	21	35	163	165	Yellow SSP	
68	83	Rosybill Pochard	81.76.4	18	25	161	145	DERP	
69	44	Crested Wood Partridge	130.104.15	22	49	159	249	Yellow SSP	NT
70		California Condor	80.76.1	23	9	157	108	SSP	CR
71	34	*Wild Turkey	74.52.30	24	50	156	317		
	80	Bar-headed Goose	56.77.23	4	31	156	149	DERP	
73	82	Waldrapp Ibis	74.78.1	6	23	153	146	Yellow SSP	EN
74		Whooping Crane	73.70.9	18	17	152	83	Green SSP	EN
75	65	*Superb Starling	84.57.10	28	40	151	173	Candidate	
76	86	Bali Mynah	79.69.0	17	50	148	138	Green SSP	CR
77	63	Tufted Puffin	65.81.0	15	9	146	184	Green SSP	
		Blue-throated Macaw	73.60.13	18	25	146	91	Yellow SSP	CR
79	57	Black Swan	44.46.53	5	58	143	214	DERP	
80	73	Hyacinth Macaw	78.62.2	-	65	142	164	Yellow SSP	VU
81		*Barred Owl	38.45.55	-	83	138	116		
		Southern /Leadbeater's Ground Hornbill	60.73.5	5	56	138	110	Yellow SSP	VU
	87	Blue-bellied Roller	68.67.3	13	50	138	136	Yellow SSP	
	77	Saffron Finch	39.36.63	52	18	138	157	Monitored	
85	61	*Bobwhite	69.38.29	39	19	136	194		
	79	Attwater's Greater Prairie Chicken	64.70.2	283	4	136	153	Yellow SSP	EN (USFWS)
	76	*Fulvous Whistling Duck	51.58.27	6	30	136	158	DERP	
88	78	*Speckled Pigeon	49.25.61	-	23	135	156		
89		*Swan Goose	54.63.17	12	24	134	110	Yellow SSP	VU
	81	Atlantic Puffin	64.70.0	5	7	134	148	Yellow SSP	VU
91		Red-breasted Goose	73.58.2	17	21	133	65	Yellow SSP	VU

	35	*Military Macaw	58.75.20	9	56	133	315		VU
		Fischer's Lovebird	25.32.76	13	6	133	54		NT
94	88	Gambel's Quail	6.12.113	20	6	131	133		
		*Red-capped Cardinal	68.57.6	57	24	131	93	Yellow SSP	
96	64	*Sacred Ibis	64.66.40	31	31	130	174	Yellow SSP	
Current rank	12-'14 rank	Species * - indicates species is represented by more than one taxa	Population/sex ratio	# hatched last 12 months	# holding institutions	12/19 population	12/14 population	AZA TAG program	IUCN status (if above LC)
97	85	Red-crested Pochard	54.43.31	28	16	128	142	DERP	
98		*Sunbittern	69.52.6	13	53	127	119	Yellow SSP	
99		Spotted Whistling Duck	61.64.1	39	20	126	27	Yellow SSP	
		Emerald Starling	77.41.8	19	17	126	94	Yellow SSP	

Other sps with populations of 100+ in 2019 & other sps that had populations of 100+ in 2014

	66	Common Murre	56.68.0	2	7	124	172	Green SSP	
	91	Micronesian Kingfisher	76.46.2	18	23	124	132	Yellow SSP	EW
	97	*Gold-breasted Starling	68.55.1	26	37	124	126	Yellow SSP	
		Sunda/Tricolored Parrot Finch	60.51.12	75	3	123	19		
43		*Canada Goose	7.11.103	-	20	121	276		
		Blue Penguin	62.50.7	20	5	119	63	Yellow SSP	
		Baer's Pochard	60.57.0	8	22	117	47	Yellow SSP	CR
		King Vulture	52.62.3	2	48	117	115	Yellow SSP	
		*West African / Black Crowned Crane	54.57.4	9	43	115	105	Yellow SSP	VU
		Victoria Crowned Pigeon	60.51.4	18	41	115	93	Yellow SSP	NT
94		Green Aracari	58.57.0	14	42	115	130	Yellow SSP	
		Black-naped Fruit Dove	62.46.4	24	34	112	82	Yellow SSP	
		Troupial	51.46.14	28	31	111	66	Yellow SSP	
96		*Cinnamon Teal	57.42.11	11	22	110	128		
92		*Brown Pelican	38.29.43	-	25	110	131		
		*Eurasian Eagle Owl	59.44.6	-	61	109	76	Yellow SSP	
		Toco Toucan	48.53.8	16	35	109	73	Yellow SSP	
94		Golden Pheasant	44.37.27	22	11	108	130		
		African Spoonbill	48.56.3	6	19	107	102	Yellow SSP	
		Australian Wood Duck	33.40.33	23	17	106	19	DERP	

		Marabou Stork	65.40.1	7	38	106	89	Yellow SSP	
		*Boat-billed Heron	50.42.13	13	21	105	109	Yellow SSP	
		Crested Screamer	58.44.2	10	48	104	106	Yellow SSP	
		*Violet-backed Starling	60.42.2	10	21	104	89	Yellow SSP	
		*White-headed Buffalo Weaver	49.55.0	11	33	104	105	Yellow SSP	
		Kenya Crested Guineafowl	55.41.7	15	26	103	108	Yellow SSP	
		Black-headed Weaver	49.45.9	-	4	103	25		
		Trumpeter Swan	40.45.15	25	41	100	98	Yellow SSP	
		*Grey Parrot	51.29.16	-	60	96	102		EN
	88	Diamond Dove	32.33.29	18	10	94	133		
	88	Guira Cuckoo	52.40.0	12	22	94	133		
	100	Ocellated Turkey	16.19.57	6	5	92	120	Monitored	
		White Ibis	29.26.35	1	16	90	104		
	98	Long-tailed Finch	18.17.9	2	10	44	125	Monitored	
	99	Black-throated Finch	0.0.35	5	2	35	121	Monitored	
	93	Society Finch	1.2.13	-	4	16	131		
		*Blue-crowned Motmot	47.41.0	2	40	88	119	Yellow SSP	
		Ringed Turtle Dove	44.34.9	3	22	87	116		
		Chiloe Wigeon	36.29.6	2	22	71	101	DERP	
		*Javan Pond Heron	28.18.13	7	9	59	111		
		*Green Woodhoopoe	37.19.3	11	27	59	100	Yellow SSP	
		Monk Parakeet	7.7.35	4	14	49	104		

- 2010: 114 sps with pop of 100+
- 2011: 117 sps with pop of 100+
- 2012: 112 sps with pop of 100+
- 2013: 127 sps with pop of 100+
- 2014: 122 sps with pop of 100+
- 2019: 128 sps with pop of 100+

** : the following institutions provided either their non-ZIMS inventory data or more-updated-than-ZIMS-website collection information: Busch Gardens, Denver Zoo, Discovery Cove, Fort Worth Zoo, Houston Zoo, Lincoln Park Zoo, Monterey Bay Aquarium, National Aquarium in Baltimore, New England Aquarium, Sea World Orlando, Sea World San Antonio, Sea World San Diego, Shedd Aquarium, Texas State Aquarium, Zoo Atlanta

MOST-NUMEROUS AVES IN US & CANADIAN ZOOLOGICAL INSTITUTIONS
AND A COMPARISON OF POPULATIONS FROM FIVE YEARS PAST
December 31, 2019**

Robert Webster – ASAG Avian Population Advisor

By Order

Current rank	12-'14 rank	Species * - indicates species is represented by more than one taxa	Population/sex ratio	# hatched last 12 months	# holding institutions	12/19 population	12/14 population	AZA TAG program	IUCN status (if above LC)
---------------------	--------------------	--	-----------------------------	---------------------------------	-------------------------------	-------------------------	-------------------------	------------------------	----------------------------------

1	1	Budgerigar	789.720.7152	271	38	8661	7256		
9	7	*Rainbow /Coconut Lorikeet	186.200.332	64	39	718	872		
13	8	Cockatiel	98.92.338	55	39	528	805		
18	22	Australian Rainbow Lorikeet	125.153.145	31	33	423	410		
19	24	Blue-and-Yellow Macaw	184.153.59	-	128	396	372		
52	36	*Scarlet Macaw	99.97.15	4	76	211	311		
58	46	Sun Conure	95.62.31	11	37	188	247		EN
59	74	Green-winged Macaw	95.69.18	-	91	182	163		
78		Blue-throated Macaw	73.60.13	18	25	146	91	Yellow SSP	CR
80	73	Hyacinth Macaw	78.62.2	-	65	142	164	Yellow SSP	VU
92	35	*Military Macaw	58.75.20	9	56	133	315		VU
93		Fischer's Lovebird	25.32.76	13	6	133	54		NT

2	2	American Flamingo	1126.1046.170	99	61	2342	2186	Green SSP	
3	3	Chilean Flamingo	897.749.87	87	66	1764	1733	Green SSP	NT
7	13	Greater Flamingo	350.379.47	88	16	776	592	Green SSP	

12	15	Lesser Flamingo	383.182.3	30	18	568	513	Green SSP	NT
----	----	-----------------	-----------	----	----	-----	-----	-----------	----

4	4	*Red Jungle Fowl / Domestic Chicken	165.735.554	66	129	1454	1589		
6	5	Common Peafowl	408.249.491	150	98	1008	1148		
15	12	*Helmeted Guineafowl	140.86.269	29	63	495	675		
69	44	Crested Wood Partridge	130.104.15	22	49	159	249	Yellow SSP	NT
71	34	*Wild Turkey	74.52.30	24	50	156	317		
85	61	*Bobwhite	69.38.29	39	19	136	194		
86	79	Attwater's Greater Prairie Chicken	64.70.2	283	4	136	153	Yellow SSP	EN (USFWS)
94	88	Gambel's Quail	6.12.113	20	6	131	133		

5	9	African Penguin	581.521.29	81	53	1131	787	Green SSP	EN
11	14	*Gentoo Penguin	268.285.36	45	19	589	513	Green SSP	
17	23	Humboldt Penguin	238.182.3	26	19	423	408	Green SSP	VU
33	38	*Southern Rockhopper Penguin	134.153.12	20	13	299	300	Green SSP	VU
41	46	*King Penguin	153.101.0	15	15	254	247	Green SSP	
42	56	Magellanic Penguin	122.94.2	24	13	254	218	Green SSP	NT
55	71	Macaroni Penguin	93.103.0	18	9	195	167	Green SSP	VU
62		Chinstrap Penguin	83.78.11	14	5	172	117	Green SSP	
65	69	Adelie Penguin	79.82.2	2	2	163	169	Candidate	

8	10	Taveta Golden Weaver	401.383.181	214	53	965	744	Monitored	
35	52	*Metallic Starling	145.134.15	54	14	294	226	Monitored	
37	6	Zebra Finch	3.1.278	147	5	282	1141		
39	31	Gouldian Finch	117.66.89	114	11	272	333	Monitored	NT
67	72	Blue-grey Tanager	83.72.8	21	35	163	165	Yellow SSP	
75	65	*Superb Starling	84.57.10	28	40	151	173	Candidate	
76	86	Bali Mynah	79.69.0	17	50	148	138	Green SSP	CR
84	77	Saffron Finch	39.36.63	52	18	138	157	Monitored	
95		*Red-capped Cardinal	68.57.6	57	24	131	93	Yellow SSP	
100		Emerald Starling	77.41.8	19	17	126	94	Yellow SSP	

10	11	Scarlet Ibis	290.281.81	26	76	652	736	Yellow SSP	
34	29	Roseate Spoonbill	130.142.26	48	57	298	344	Green SSP	

51	25	Western Cattle Egret	63.38.114	5	38	215	369		
54	54	Black-crowned Night Heron	38.30.129	-	30	197	222		
73	82	Waldrapp Ibis	74.78.1	6	23	153	146	Yellow SSP	EN
96	64	*Sacred Ibis	64.66.40	31	31	130	174	Yellow SSP	

14	21	*Nicobar Pigeon	241.206.68	58	68	515	423	Yellow SSP	NT
21	16	*Rock Dove	45.43.277	39	28	365	490		
43	58	*Pied Imperial Pigeon	114.94.31	25	36	239	213		
48	41	*Green-winged Dove	126.97.7	14	31	230	283	Yellow SSP	
88	78	*Speckled Pigeon	49.25.61	-	23	135	156		

16	17	White-faced Whistling Duck	200.190.56	47	65	446	473	DERP	
22	28	Hooded Merganser	159.149.50	80	56	358	363	DERP	
23	18	North American Wood Duck	165.123.65	76	60	353	462	DERP	
24	20	*Ruddy Duck	169.123.51	61	46	343	439	DERP	
27	84	Marbled Teal	175.136.9	104	44	320	144	Yellow SSP	VU
28	49	Redhead	140.130.45	59	43	315	241		
31	19	*Mallard	88.34.181	7	65	303	452		
40	39	* Common Pintail	128.122.9	44	46	259	295	DERP	
45	25	Ringed Teal	109.78.49	38	58	236	369	DERP	
47	32	Mandarin Duck	129.93.9	23	56	231	326	DERP	
49	40	Egyptian Goose	38.40.151	6	25	229	288		
63	59	*Black-bellied Whistling Duck	35.60.74	1	28	169	204	DERP	
68	83	Rosybill Pochard	81.76.4	18	25	161	145	DERP	
72	80	Bar-headed Goose	56.77.23	4	31	156	149	DERP	
79	57	Black Swan	44.46.53	5	58	143	214	DERP	
87	76	*Fulvous Whistling Duck	51.58.27	6	30	136	158	DERP	
89		*Swan Goose	54.63.17	12	24	134	110	Yellow SSP	VU
91		Red-breasted Goose	73.58.2	17	21	133	65	Yellow SSP	VU
97	85	Red-crested Pochard	54.43.31	28	16	128	142	DERP	
99		Spotted Whistling Duck	61.64.1	39	20	126	27	Yellow SSP	

20	27	Speckled Mousebird	145.98.147	28	35	390	365	Candidate	
----	----	--------------------	------------	----	----	-----	-----	-----------	--

25	30	*Ostrich	72.226.40	5	87	338	337	Monitored	
----	----	----------	-----------	---	----	-----	-----	-----------	--

26	37	*Bald Eagle	132.161.39	-	153	332	303		
----	----	-------------	------------	---	-----	-----	-----	--	--

53	50	*Red-tailed Hawk	50.91.58	-	142	199	240		
61	68	*Turkey Vulture	55.51.74	-	111	180	170		
66	66	*Harris' Hawk	93.53.17	5	76	163	172		
70		California Condor	80.76.1	23	9	157	108	SSP	CR

29		*Burrowing Owl	136.147.25	41	61	308	105	Yellow SSP	
46	48	*Eastern Screech Owl	60.65.110	4	105	235	245		
50	51	*Great Horned Owl	72.83.72	-	132	227	233		
57	60	*Common Barn Owl	74.67.51	3	87	192	202		
81		*Barred Owl	38.45.55	-	83	138	116		

30	33	*East African / Grey Crowned Crane	141.145.18	11	71	304	322	Green SSP	EN
56	62	*Sandhill Crane	86.76.30	22	53	192	190		
74		Whooping Crane	73.70.9	18	17	152	83	Green SSP	EN
98		*Sunbittern	69.52.6	13	53	127	119	Yellow SSP	

32	45	Greater Rhea	53.66.180	6	34	299	248	Yellow SSP	NT
----	----	--------------	-----------	---	----	-----	-----	------------	----

36	53	Inca Tern	148.129.11	32	26	288	223	Green SSP	NT
77	63	Tufted Puffin	65.81.0	15	9	146	184	Green SSP	
90	81	Atlantic Puffin	64.70.0	5	7	134	148	Yellow SSP	VU

38	42	Emu	99.91.84	5	95	274	278	Monitored	
----	----	-----	----------	---	----	-----	-----	-----------	--

44	55	*Laughing Kookaburra	124.105.9	10	113	238	220	Yellow SSP	
----	----	----------------------	-----------	----	-----	-----	-----	------------	--

60	70	Tawny Frogmouth	102.80.0	15	73	182	168	Green SSP	
----	----	-----------------	----------	----	----	-----	-----	-----------	--

64	75	American White Pelican	106.22.37	-	38	165	162		
----	----	------------------------	-----------	---	----	-----	-----	--	--

82		Southern /Leadbeater's Ground Hornbill	60.73.5	5	56	138	110	Yellow SSP	VU
83	87	Blue-bellied Roller	68.67.3	13	50	138	136	Yellow SSP	