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New Jersey Important Bird and
Birding Areas Program
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Population Estimates and Criteria Thresholds

These estimates of NJ bird populations, calculated by the Cornell Lab of Ornithology and the US Fish and Wildlife Service, are based on Breeding Bird Survey (BBS) Data for NJ. The population estimates (in number of individuals) and the approximate thresholds for 1% and 5% of the state population estimate are shown in the table below. They are provided as a guide to help nominators assess the relative importance of a potential Important Bird Area to the state population of a species (using criteria 1a and 1b). Because of limitations imposed by BBS data collection methods, some species are not adequately represented and are therefore not included. All final decisions will be made by the Bird Area Technical Committee. If you have questions or would like further information about these estimates, please contact the IBBA Program Coordinator at cristina.frank@njaudubon.org or 609-861-0700.

Species	Population Estimate (# of individuals)	1 % Threshold	5 % Threshold
Acadian Flycatcher	3,868	39	193
Alder Flycatcher	224	2	11
American Crow	90,585	906	4529
American Goldfinch	51,631	516	2582
American Kestrel	1,926	19	96
American Redstart	16,052	161	803
American Robin	1,044,904	10449	52245
Baltimore Oriole	36,287	363	1814
Bank Swallow	3,902	39	195
Barn Swallow	100,797	1008	5040
Barred Owl	186	2	9
Belted Kingfisher	1,634	16	82
Black Vulture	185	2	9
Black-and-white Warbler	23,687	237	1184
Black-billed Cuckoo	2,358	24	118
Blackburnian Warbler	730	7	36
Black-capped Chickadee	47,271	473	2364
Black-throated Blue Warbler	51	1	3
Black-throated Green Warbler	375	4	19
Blue Grosbeak	4,680	47	234
Blue Jay	106,105	1061	5305
Blue-gray Gnatcatcher	60,548	605	3027
Blue-headed Vireo	367	4	18
Blue-winged Warbler	8,163	82	408
Boat-tailed Grackle	24,084	241	1204
Bobolink	2,454	25	123
Broad-winged Hawk	3,177	32	159
Brown Creeper	742	7	37

Brown Thrasher	13,056	131	653
Brown-headed Cowbird	63,710	637	3185

Species	Population Estimate	1 % Threshold	5 % Threshold
Canada Warbler	45	0	2
Carolina Chickadee	97,388	974	4869
Carolina Wren	34,251	343	1713
Cedar Waxwing	32,490	325	1625
Cerulean Warbler	1,793	18	90
Chestnut-sided Warbler	2,616	26	131
Chimney Swift	77,712	777	3886
Chipping Sparrow	163,451	1635	8173
Chuck-will's-widow	752	8	38
Cliff Swallow	1,005	10	50
Common Grackle	702,419	7024	35121
Common Nighthawk	446	4	22
Common Raven	10	0	1
Common Yellowthroat	89,867	899	4493
Cooper's Hawk	1,920	19	96
Dark-eyed Junco	70	1	3
Dickcissel	23	0	1
Downy Woodpecker	65,730	657	3287
Eastern Bluebird	4,566	46	228
Eastern Kingbird	26,195	262	1310
Eastern Meadowlark	1,535	15	77
Eastern Phoebe	41,215	412	2061
Eastern Screech-Owl	500	5	25
Eastern Towhee	122,256	1223	6113
Eastern Wood-Pewee	33,118	331	1656
Field Sparrow	30,968	310	1548
Fish Crow	9,471	95	474
Golden-crowned Kinglet	164	2	8
Golden-winged Warbler	170	2	9
Grasshopper Sparrow	2,882	29	144
Gray Catbird	262,362	2624	13118
Great Crested Flycatcher	27,921	279	1396
Great Horned Owl	2,283	23	114
Hairy Woodpecker	7,031	70	352
Hermit Thrush	1,153	12	58
Hooded Warbler	4,104	41	205
Horned Lark	1,109	11	55
House Finch	167,652	1677	8383
House Wren	80,766	808	4038
Indigo Bunting	42,126	421	2106
Kentucky Warbler	723	7	36
Least Flycatcher	952	10	48
Long-eared Owl	435	4	22
Louisiana Waterthrush	1,490	15	75

Species	Population Estimate	1 % Threshold	5 % Threshold
Magnolia Warbler	156	2	8
Marsh Wren	6,611	66	331
Mourning Dove	272,818	2728	13641
Nashville Warbler	160	2	8
Northern Bobwhite	9,047	90	452
Northern Cardinal	235,987	2360	11799
Northern Flicker	31,578	316	1579
Northern Goshawk	56	1	3
Northern Harrier	50	1	3
Northern Mockingbird	103,257	1033	5163
Northern Parula	2,656	27	133
Northern Rough-winged Swallow	10,105	101	505
Northern Waterthrush	164	2	8
Orchard Oriole	6,445	64	322
Osprey	1,524	15	76
Ovenbird	81,747	817	4087
Peregrine Falcon	36	0	2
Pileated Woodpecker	351	4	18
Pine Warbler	135,904	1359	6795
Prairie Warbler	26,839	268	1342
Prothonotary Warbler	1,013	10	51
Purple Finch	102	1	5
Purple Martin	26,135	261	1307
Red-bellied Woodpecker	32,736	327	1637
Red-breasted Nuthatch	430	4	21
Red-eyed Vireo	92,017	920	4601
Red-headed Woodpecker	279	3	14
Red-shouldered Hawk	397	4	20
Red-tailed Hawk	1,772	18	89
Red-winged Blackbird	207,288	2073	10364
Rose-breasted Grosbeak	4,091	41	205
Ruby-throated Hummingbird	11,528	115	576
Ruffed Grouse	480	5	24
Rusty Blackbird	32	0	2
Savannah Sparrow	143	1	7
Scarlet Tanager	19,086	191	954
Seaside Sparrow	1,662	17	83
Sharp-shinned Hawk	1,027	10	51
Song Sparrow	176,589	1766	8829
Summer Tanager	256	3	13
Swamp Sparrow	3,023	30	151
Tree Swallow	13,234	132	662
Tufted Titmouse	83,202	832	4160

Species	Population Estimate	1 % Threshold	5 % Threshold
Turkey Vulture	3,360	34	168
Veery	12,395	124	620
Vesper Sparrow	117	1	6
Warbling Vireo	8,229	82	411
Whip-poor-will	19,124	191	956
White-breasted Nuthatch	23,737	237	1187
White-eyed Vireo	25,252	253	1263
Wild Turkey	3,707	37	185
Willow Flycatcher	6,997	70	350
Winter Wren	34	0	2
Wood Thrush	152,494	1525	7625
Worm-eating Warbler	4,029	40	201
Yellow Warbler	43,469	435	2173
Yellow-bellied Sapsucker	64	1	3
Yellow-billed Cuckoo	10,636	106	532
Yellow-breasted Chat	1,785	18	89
Yellow-rumped Warbler	64	1	3
Yellow-throated Vireo	5,384	54	269
Yellow-throated Warbler	411	4	21