



Exxon Valdez Oil Spill Trustee Council

Long-Term Research and Monitoring, Mariculture, Education and Outreach

Annual Project Reporting Form

Project Number: 25120114-M

Project Title: Prince William Sound Marine Bird Populations Trends and Associated Shelf Waters

Principal Investigator(s): Robert Kaler, U. S. Fish and Wildlife Service, Migratory Bird Management with analytical support by Dan Cushing, University of Alaska Fairbanks, and Dr. Mayumi Arimitsu, Ocean Bight, LLC

Reporting Period: February 1, 2025 – January 31, 2026

Submission Date: May 15, 2026

Project Website: <https://gulfwatchalaska.org/>

Please check all the boxes that apply to the current reporting period.

- Project progress is on schedule.**
 - Project progress is delayed.**
 - Budget reallocation request.**
 - Personnel changes.**
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1. Summary of Work Performed:

In 2025, the marine bird survey program continued two linked efforts: the July Prince William Sound (PWS) survey and the seasonal Northern Gulf of Alaska–Long Term Ecological Research (NGA-LTER) surveys. Together, these projects track the abundance and distribution of marine birds in oil spill regions of PWS and the Gulf of Alaska (GOA), how they respond to environmental change, and help identify causes of population trends following the *Exxon Valdez* Oil Spill and recent marine heatwaves.

PWS Survey: The PWS July survey is part of a long-term summer monitoring program that began after the 1989 T/V *Exxon Valdez* oil spill. Its main purpose is to measure abundance,



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distribution, and population trends for marine birds in PWS, with an emphasis on recovery of species affected by the spill and on identifying species that remain a concern.

The 2025 work continued this time series and contributed to the broader restoration and monitoring of marine resources in PWS. While lingering oil effects on marine birds appear to have dissipated, marine bird populations show disparate trends over the past 20 years, with piscivorous pelagic foraging species stable or declining and nearshore benthivorous species stable or increasing.

NGA-LTER Survey: The NGA-LTER component provides seasonal offshore marine bird data across the GOA shelf. It is designed to improve understanding of how seabird communities shift across seasons and how those shifts relate to ocean conditions and lower-trophic-level change.

This offshore work is especially useful because seabird communities in the northern GOA change strongly with season, with spring migration, summer breeding concentrations, and high fall abundance in some species groups. The resulting data help describe cross-shelf patterns and ecological responses to changing marine conditions.

The Seward Line is part of the expanded NGA-LTER program, with cruises in spring, early summer (most years), and late summer used to examine ecosystem structure and marine species distributions across the GOA shelf.

July PWS Marine Bird Survey

Data collection:

Boat based marine bird surveys in PWS are conducted in alternating years (2023, 2025). In 2025, we conducted boat-based surveys to monitor abundance and distribution of marine birds in PWS (Fig. 1) and completed the 18th year of summer surveys since the 1989 T/V *Exxon Valdez* oil spill. In July 2025, the randomly selected shoreline (n = 212), coastal (n = 91) and pelagic (n = 50) 200-meter wide transects were completed from three 25-foot (7.6 meter) length survey boats. All but six pelagic transects were included in the analysis. The data from the six pelagic transects were compromised due to a software issue only discovered after the survey was completed. Since 1989, the July marine bird survey has collected information on 76 marine bird and mammal species (Appendix A).



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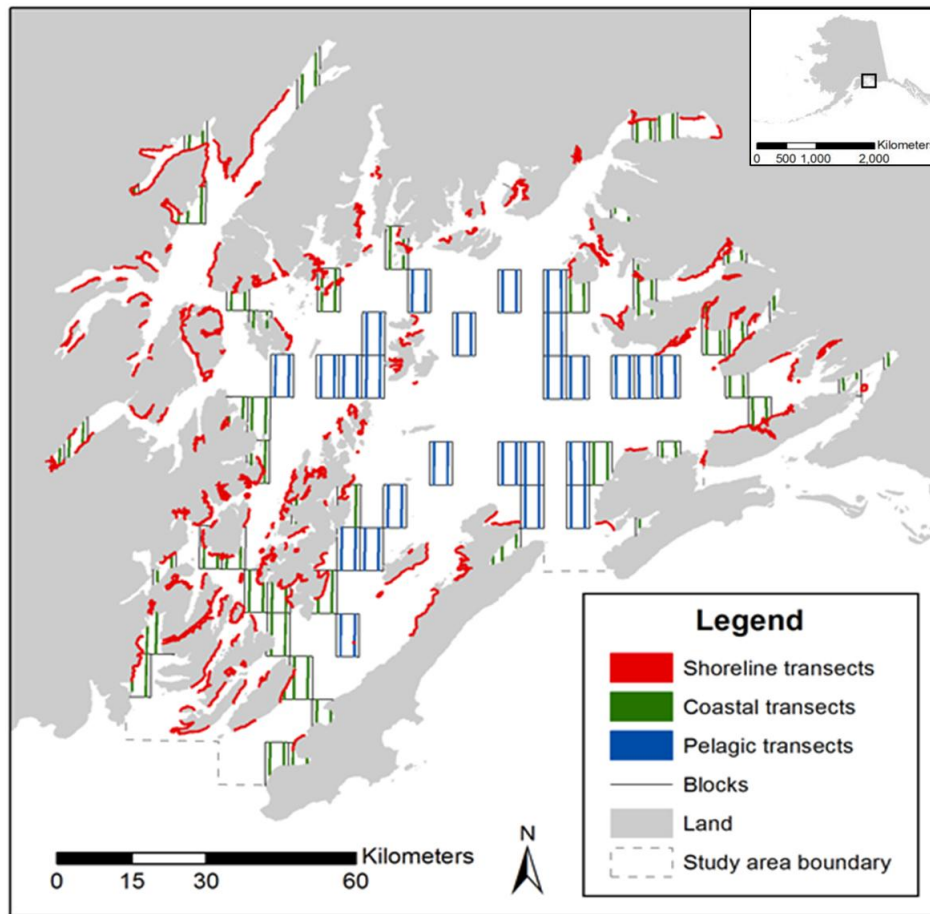


Figure 1. Map of the Prince William Sound, Alaska, July marine bird survey study area and transects indicating shoreline (red), coastal (green), and pelagic (blue) transects.

Data Analysis:

Annual abundance of marine bird species in PWS was estimated using a design-based estimator, and 95% confidence intervals were obtained through bootstrap resampling with 10,000 iterations (Appendix B).



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- Harlequin duck (*Histrionicus histrionicus*) abundance in PWS increased during the early years following the oil spill. The lowest estimate, 3,932 (95% CI: 2,540 - 5,511) was in 1989 and abundance now appears stable (Fig. 2).
- Pigeon guillemot (*Cepphus columba*) abundance declined following the oil spill, from a maximum of 6,625 birds in 1991 (95% CI: 3,153 - 13,398) to a low of 1,184 in 2000 (95% CI: 1,292 - 2,593). The 2025 population estimate was 2,696 (95% CI: 1,396 - 4,350) and abundance currently appears stable (Fig. 2).
- Total *Brachyramphus* murrelets abundance declined from a maximum of 159,433 (95% CI: 111,568 – 217,978) in 1993 to a low of 32,909 (95% CI: 25,884 – 41,879) in 2022, with rapid declines during the 1990s (Fig. 2). The 2025 estimate was 37,260 (95% CI: 28,899 – 41,874). Most (84-99%) of murrelets that were identified to the species level were marbled murrelets (*Brachyramphus marmoratus*), indicating declines of this species.
- Estimates of Kittlitz’s murrelet (*B. brevirostris*) based birds that were identified to the species level were highest in 1989, with an estimate of 6,019 (95% CI: 2,980 - 10,028) and lowest in 2025, with an estimate of 39 (95% CI: 0 - 132). As rate of species identification have increased over time, this likely underestimates the true rate of decline.
- Arctic tern (*Sterna paradisaea*) estimates have ranged from 884 (95% CI: 278 - 1,673) in 2014 to 8,558 (95% CI: 4,348 - 15,091) in 1993 (Fig. 2). In 2025, the arctic tern population estimate was 1,304 (95% CI: 540 - 2,312).
- Tufted puffin (*Fratercula cirrhata*) abundance has declined since 1989. Population estimates of tufted puffins ranged from a high of 5,770 in 1996 (95% CI: 3422 – 8482) to a low 551 (95% CI: 195 - 996) in 2023 (Fig. 2). Abundance increased to 896 birds (95% CI: 249 - 1,790) in 2025.
- Common murre (*Uria aalge*) estimates have fluctuated since 1989, ranging from 270 (95% CI: 60 - 552) in 1989 to 16,005 (95% CI: 9,241 - 23,553) in 1993 (Fig. 2). Following the 2014 - 2016 North Pacific marine heatwave, the population estimate declined to 492 birds (95% CI: 169 - 887) in 2018 and then increased to 3,265 (95% CI: 1,385 - 5,888) in 2023. In 2025, the murre population estimate was 1,456 (95% CI = 360 - 3,149).



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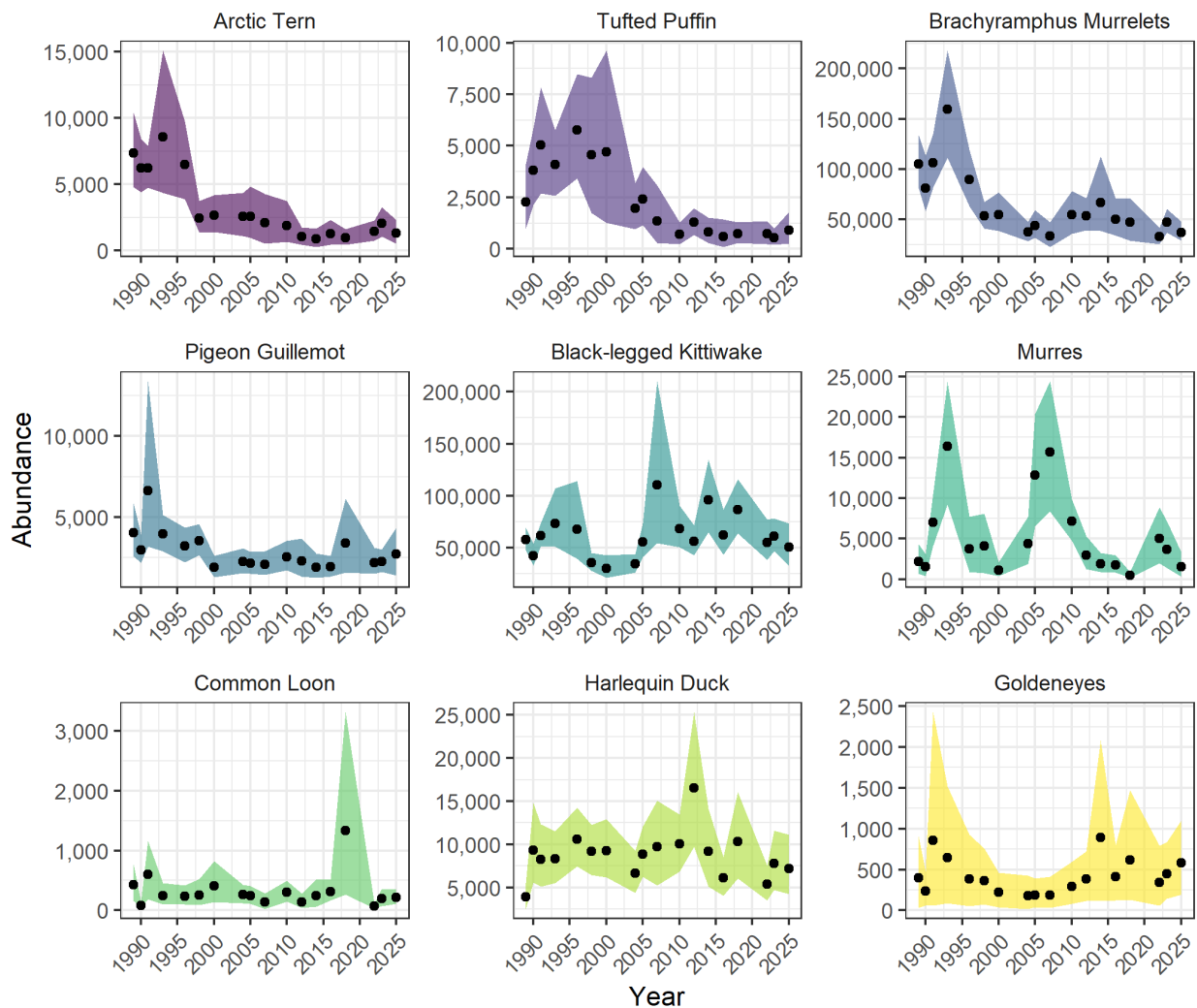


Figure 2. July population estimates of selected marine bird species in Prince William Sound, Alaska, 1989-2025.



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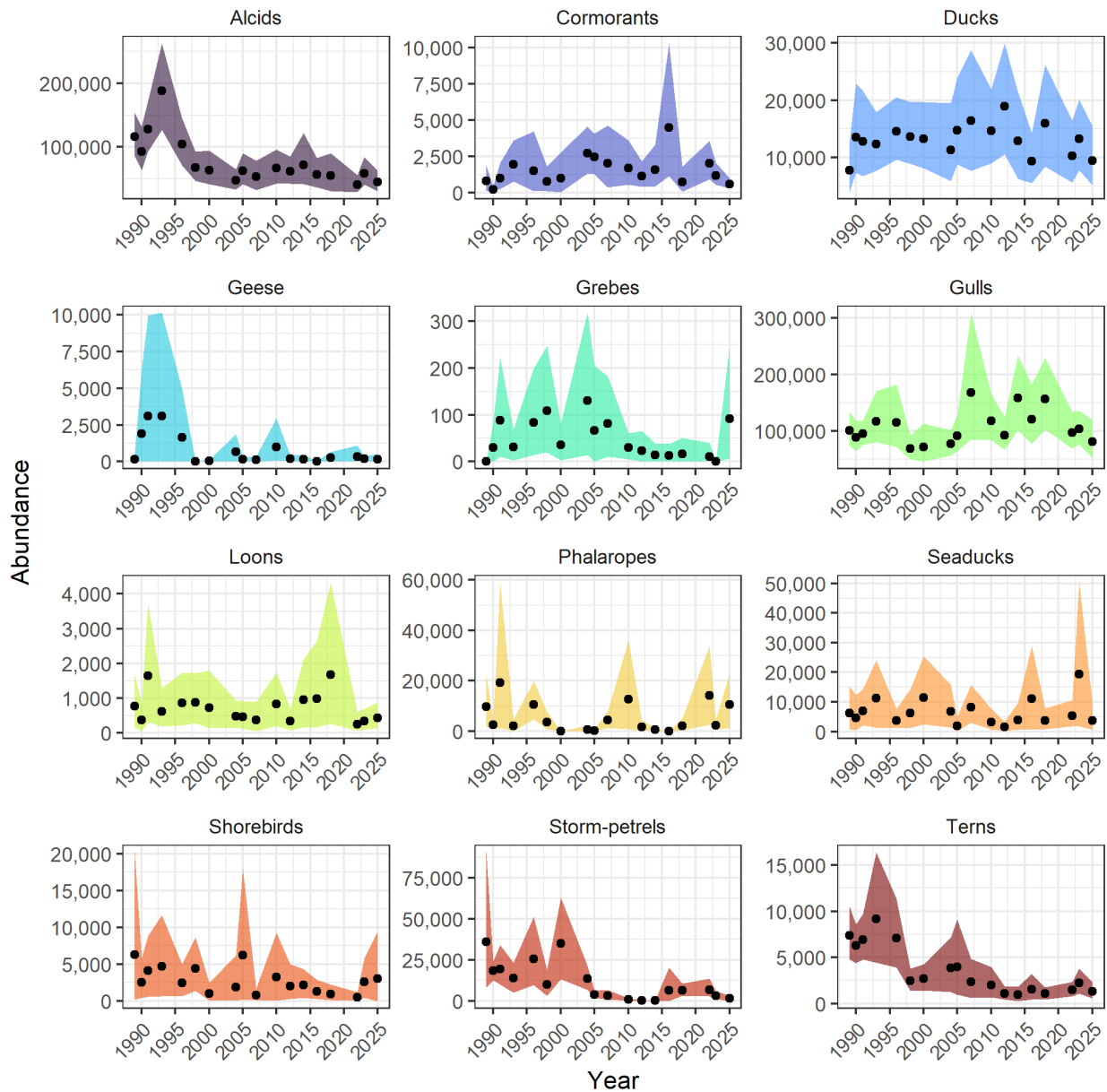


Figure 2 (continued). July population estimates of selected marine bird groups in Prince William Sound, Alaska, 1989-2025



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Overall, population estimates based on boat-based surveys from 1989 to 2025 suggest substantial changes in abundance of many taxa occurred during the 1990s (Fig. 2). Several taxonomic groups, including total alcids and total gulls and terns, have also decreased in abundance over the course of decade since the onset of the 2014-2016 Pacific marine heatwave.

Northern Gulf of Alaska-Long Term Ecological Research:

Data collection:

During 2025, we conducted a total of 4,503 linear km of marine bird surveys during three NGA-LTER cruises (Fig. 3): April 27–May 13, June 26–July 20, and September 15–23. The mean density of marine birds was 6.2 birds km⁻² during spring, 8.7 birds km⁻² during summer, and 4.7 birds km⁻² during fall.

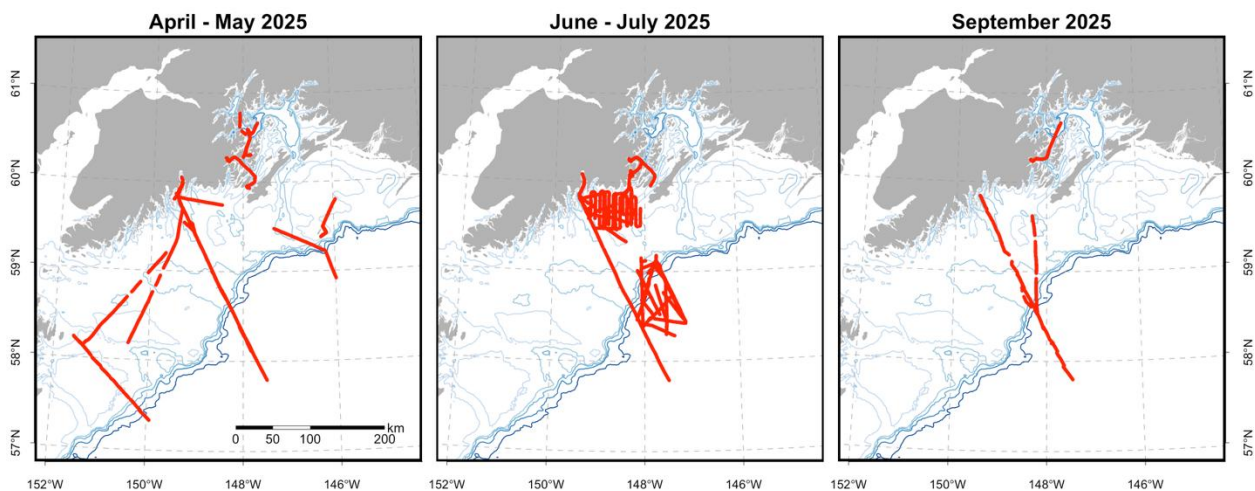


Figure 3. Locations of seabird surveys (red) during 2025 Northern Gulf of Alaska–Long Term Ecological Research cruises.

The summer 2025 cruise included 9-day process studies at both the Alaska Coastal Current Front and the Shelf Break Front. We obtained over 1,000 km of survey data during each of these multidisciplinary efforts. Concurrent data were collected on upper ocean physics, (underway sensors, towed undulating conductivity and temperature at depth [CTD] system) and prey aggregations (EK80 scientific echosounder), which will enable us to examine fine-scale predator-prey coherence in relation to fronts and bathymetry. Fig. 4 depicts example species



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distributions in relation to salinity gradients in the Alaska Coastal Current frontal region between Resurrection Bay and PWS.

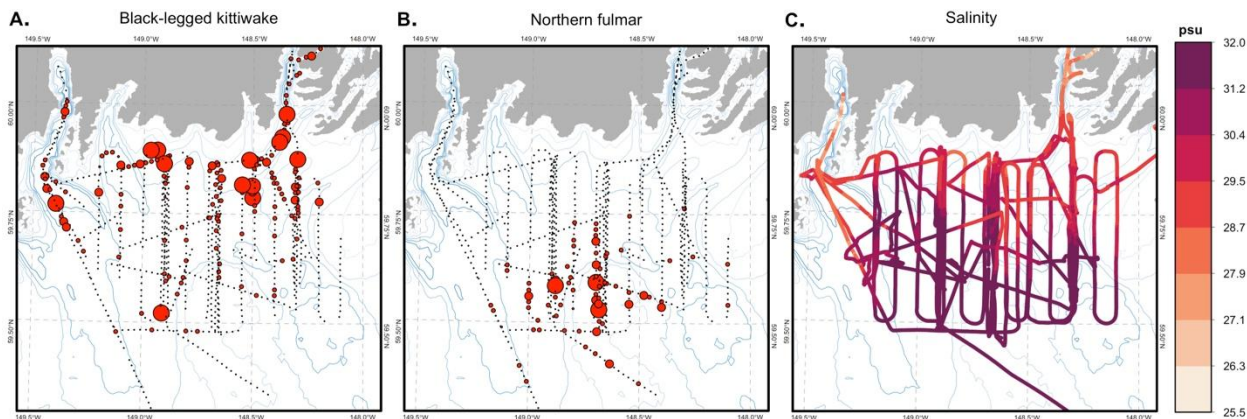


Figure 4. Distributions of black-legged kittiwakes (A) and northern fulmars (B) in relation to salinity (C; 8m depth) and bathymetry (contours) in the Alaska Coastal Current frontal study area during the summer 2025 Northern Gulf of Alaska–Long Term Ecological Research cruise.

Seabird surveys have been a component of spring Seward Line sampling in most years since 1998 (Fig. 5). These long-term observations have allowed us to examine the responses of a diverse suite of seabird taxa to spatial and temporal variation in temperature, salinity, stratification, and ocean currents (Cushing et al. 2024), including contrasting thermal responses among taxa. Based on these results, we annually contribute seabird distributional information to the North Pacific Fisheries Management Council’s Gulf of Alaska Ecosystem Status Report.



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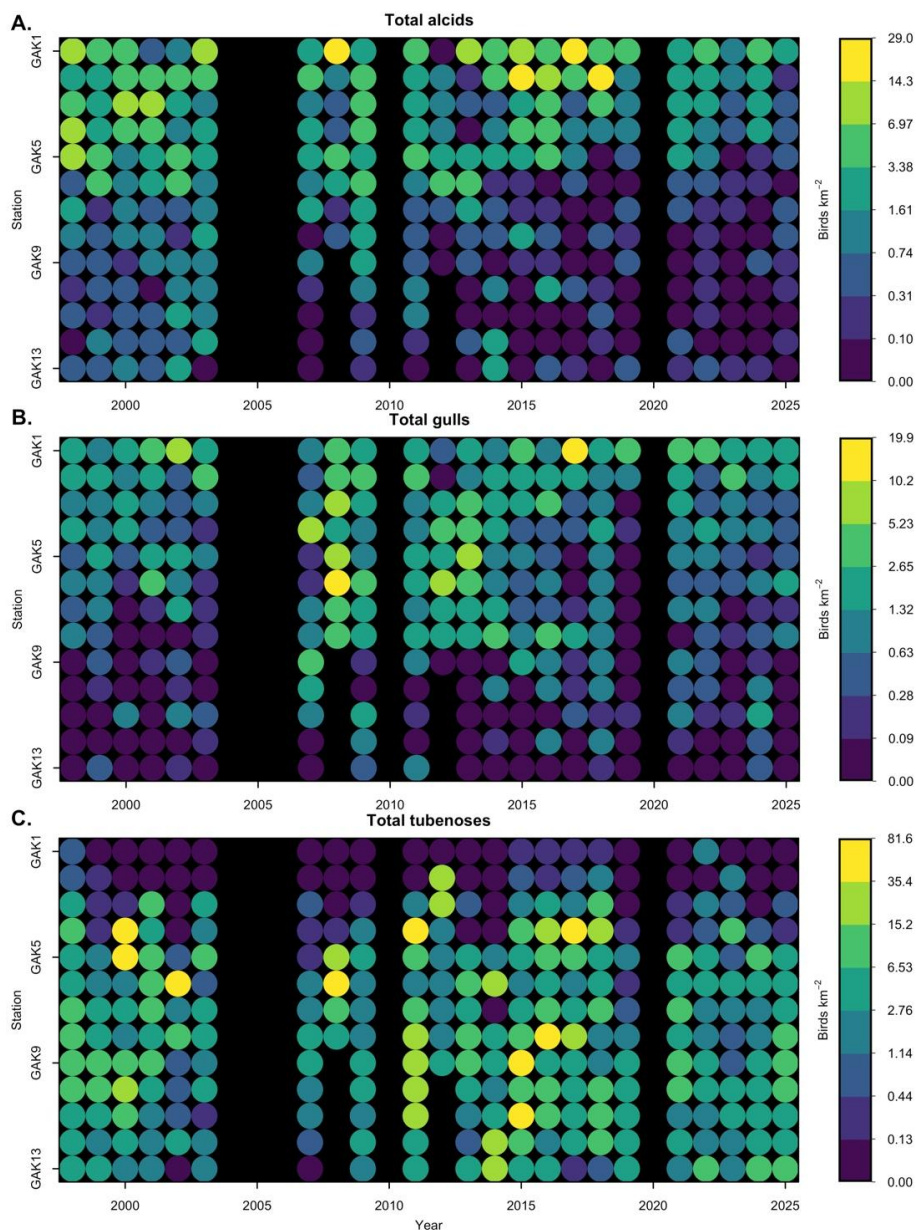


Figure 5. At-sea densities (birds km⁻²) of numerically-dominant seabird taxonomic groups along the Seward Line, May 1998–2025. Black indicates no seabird surveys were conducted. Density values are averaged from all surveys within 10 km of each of the 13 sampling stations that compose the Seward Line.



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Data analysis:

Di Lorenzo and Ohman (2013) proposed that large and prolonged state transitions in marine biological time-series may arise from a ‘double integration’ of climate forcing, where successive responses of the ocean to the atmosphere and the ecosystem to the ocean enhance the low-frequency component of the climate signal. We applied this concept to examine relationships between basin-scale atmospheric drivers, in-situ ocean temperatures, seabird distributions, and seabird diets during the 1998–2024 period, in an analysis that integrated multiple Gulf Watch Alaska datasets. First, we compared two atmospheric modes, the North Pacific Oscillation mode and the Aleutian Low mode, to monthly full-water column temperature anomalies at Oceanographic Station GAK1, using an autoregressive function with a six-month damping timescale for the oceanic response to atmospheric forcing. GAK1 temperature anomalies were significantly correlated with the integrated Aleutian Low mode ($r = 0.69$, $p < 0.001$), but not with the integrated North Pacific Oscillation mode ($r = 0.19$, $p = 0.245$). Second, we examined seabird at-sea abundance from PWS small-boat surveys and spring Seward Line surveys, and spring and summer diets of black-legged kittiwakes (*Rissa tridactyla*) nesting at Middleton Island. We applied Dynamic Factor Analysis to detect common trends across time-series, with separate models for abundance and diets (e.g., Fig. 6). The best model for abundance included a single trend, while the best model for diets included two trends. Using a damping timescale of two years for the ecosystem response to oceanic forcing, integrated GAK1 temperature anomalies were significantly correlated with the abundance trend ($r = -0.74$, $p = 0.036$) and diet trend 2 ($r = 0.87$, $p = 0.010$). Diet trend 1 was characterized by biennial variations and was not correlated with ocean temperatures or atmospheric modes. Biennial patterns have been hypothesized to result from ecosystem interactions of pink salmon (*Oncorhynchus gorbuscha*); consistent with this mechanism, diet trend 1 was correlated with returns of adult pink salmon to PWS the prior year ($r = 0.82$, $p < 0.001$). Thus, while shifts in seabird distributions and diets reflected ecosystem integration of climate variations, diets were also likely modulated by exploitative competition. A manuscript reporting on this work is currently in preparation, with planned submission in 2026.



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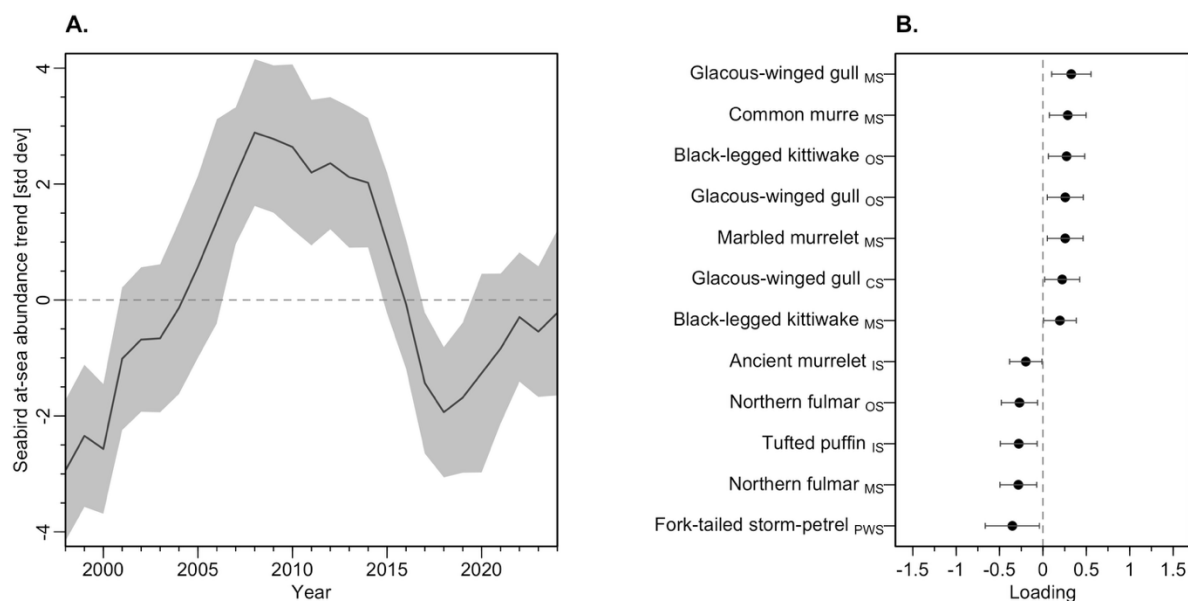


Figure 6. Trends and loadings of best-fit dynamic factor analyses of seabird at-sea abundance. Trends (A) are shown with 95% confidence intervals indicated by gray shading. Loadings (B) are shown with 95% confidence intervals indicated by whiskers; only variables with confidence intervals that do not overlap zero are depicted. Domain name abbreviations: Prince William Sound (PWS), inner shelf (IS), middle shelf (MS), outer shelf (OS), continental slope (CS).

During 2025, we also began collaborative work on a new National Science Foundation (NSF)-funded project that will use seabirds, zooplankton, and oceanographic data from the NGA-LTER, California Current LTER, and Palmer LTER sites to examine how and why seabird communities respond to changes in local conditions influenced by large-scale climate modes.

Literature cited:

Cushing, D. A., K. J. Kuletz, L. Sousa, R. H. Day, S. L. Danielson, E. A. Labunski, and R. R. Hopcroft. 2024. Differential response of seabird species to warm- and cold-water events in a heterogeneous cross-shelf environment in the Gulf of Alaska. *Marine Ecology Progress Series* 737:31–58.



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Di Lorenzo, E., and M. D. Ohman. 2013. A double-integration hypothesis to explain ocean ecosystem response to climate forcing. *Proceedings of the National Academy of Sciences of the USA* 110:2496–2499.

2. Products:

Peer-reviewed publications:

No new contributions for this reporting period.

Reports:

No new reports for this reporting period

Popular articles:

No new contributions for this reporting period.

Conferences and workshops:

Cushing D., M. Arimitsu, S. Danielson, S. Hatch, R. Kaler, E. Labunski, S. Whelan, and R. Suryan. 2026. Seabird distributions and diets reflect ecosystem integration of climate forcing. Oral presentation, Alaska Marine Science Symposium, Anchorage, Alaska, January.

Public presentations:

No new contributions for this reporting period

Data and/or information products developed during the reporting period:

Kaler, R., M. Arimitsu, and D. Cushing. 2025. Population trends of marine birds in Prince William Sound, Alaska, 1989-2022. Poster and handouts.

Data sets and associated metadata:

Cushing, D., E. Labunski, R. Kaler. 2025. Marine bird observation and density data from Northern Gulf of Alaska LTER cruises, 2025. Gulf of Alaska Data Portal.



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Kaler, R., and D. Cushing. 2025. Prince William Sound marine bird observations and populations trends, 2022-2025. Gulf of Alaska Data Portal. <https://gulf-of-alaska.portal.aos.org/#metadata/6aac5903-f3af-4eb4-b4d7-11006e6ea497/project>.

Kuletz, K., D. Cushing, and E. Labunski. 2025. Marine bird survey observation and density data from Northern Gulf of Alaska LTER cruises, 2018–2023. Research Workspace. Dataset. doi:10.24431/rw1k45w

Additional Products not listed above:

None

3. Coordination and Collaboration:

The Alaska SeaLife Center or Prince William Sound Science Center

As part of the Gulf Watch Alaska Long-Term Research and Monitoring (GWA-LTRM) program, the PWS marine bird survey project coordinates with the Prince William Sound Science Center during quarterly meetings and for annual reporting. Currently, there are no collaborations with the Alaska SeaLife Center.

EVOSTC Long-Term Research and Monitoring Projects

This project is part of the Pelagic component of the GWA-LTRM program and coordinates with other GWA-LTRM projects in the following ways:

- We are involved in an on-going discussion to explore opportunities to integrate the July PWS marine bird data with the other projects, including those within the GWA-LTRM Pelagic component and GWA Environmental Drivers component. Additionally, the principal investigator (PI) has been coordinating with the GWA-LTRM Nearshore component (Heather Coletti) and Science Lead (Rob Suryan) to merge marine bird data sets into a broader geographic analysis of population trends. Additional discussions include comparing boat-based PWS marine bird survey data, which include sea otters with fixed-wing aircraft surveys conducted by sister agencies, with marine bird and mammal data collected during Nearshore project work.



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- Collaboration within the GWA-LTRM Pelagic component (forage fish [25120114-C], humpback whale [25120114-O], and marine bird [this project]), and between the Pelagic and Herring Research and Monitoring components, will continue to focus on physical and biological features of locations where whales and seabirds have been found to overlap in time and space.
- Marine bird surveys during Seward Line and NGA-LTER cruises are operationally and scientifically integrated with project 25120114-L, Seward Line monitoring. Ongoing data analysis also incorporates temperature anomaly time-series from the GAK1 project (25120114-I).

EVOSTC Mariculture Projects

Data on marine bird distribution are available for use in mariculture project planning in PWS.

EVOSTC Education and Outreach Projects

Kaler participated in the Alaska Marine Science Symposium workshop “Community Education Night” with the *Exxon Valdez* Oil Spill Trustee Council (EVOSTC) funded Community Organized Restoration and Learning (CORaL) Network (project 25220400) and presented “Alaska’s Ocean: Sentinels: Seabird as Ecosystem Indicators”. Over 30 educators and graduate students participated. The presentation included an interactive “seabird foraging game” led by CORaL staff about seabirds as ecosystem indicators.

Individual EVOSTC Projects

The July PWS marine bird survey data are being used in a manuscript for the mink removal and pigeon guillemot restoration at the Naked Island Group (2014-2018; 2019-2023) and submitted to the *Journal of Wildlife Management* (accepted with minor revision, March 2026).

Trustee or Management Agencies

Since 2021, we have contributed an annually updated time-series of spring cross-shelf distribution of seabirds along the Seward Line to the Seabird Synthesis within the Gulf of Alaska Ecosystem Status Report (North Pacific Fishery Management Council). We also present this information at the annual Spring Preview of Ecological and Economic Conditions meeting hosted by the Alaska Fisheries Science Center.



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Native and Local Communities

None

4. Response to EVOSTC Review, Recommendations and Comments:

No review, recommendations, or comments were provided in 2025. This project responded to comments in the FY24 annual report.

5. Budget:

PWS marine bird surveys are conducted every other year (2023, 2025). Seward Line and NGA-LTRM were conducted in 2025, with funding support from EVOSTC, National Science Foundation, and the North Pacific Research Board. Spending for this project is on track.



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**EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
PROJECT BUDGET PROPOSAL AND REPORTING FORM**

Budget Category:		Proposed FY 22	Proposed FY 23	Proposed FY 24	Proposed FY 25	Proposed FY 26	5- YR TOTAL PROPOSED	ACTUAL CUMULATIVE
Personnel		\$28,907	\$122,278	\$31,869	\$136,816	\$37,377	\$357,247	\$319,870
Travel		\$2,168	\$20,913	\$2,193	\$21,384	\$2,219	\$48,877	\$46,659
Contractual		\$43,500	\$110,058	\$45,702	\$113,952	\$48,016	\$361,228	\$234,712
Commodities		\$0	\$21,020	\$6,000	\$27,613	\$6,000	\$60,633	\$54,633
Equipment		\$13,500	\$102,250	\$0	\$4,400	\$0	\$120,150	\$120,150
Indirect Costs	Rate = 0%	\$0	\$0	\$0	\$0	\$0	\$0	
SUBTOTAL		\$88,075	\$376,519	\$85,764	\$304,165	\$93,612	\$948,135	\$776,024
General Administration (9% of subtotal)		\$7,927	\$33,887	\$7,719	\$27,375	\$8,425	\$85,332	N/A
PROJECT TOTAL		\$96,001	\$410,406	\$93,483	\$331,540	\$102,037	\$1,033,467	
Other Resources (In-Kind Funds)		\$29,053	\$30,429	\$32,841	\$33,841	\$35,879	\$162,043	

COMMENTS:
 Seward Line and NGA-LTRM were conducted with funding support from the North Pacific Research Board. Dr. Erik Osnas (USFWS-Migratory Bird Management, Supervisory Biometrician) has provided in-kind matching contributions. Contractual costs for vessel charing in 2025 were \$67k versus \$60k proposed. The Seward Line survey contract was lower than budgeted as agency staff were used (salary, travel). Cost share includes: USFWS Biometrician (GS-13, 2 months/year = \$20K); GIS Biologist (GS-11, 1 months/year = \$7K). The total in-kind contribution from USFWS is listed in the Other Resources row.

FY22-26	Project Number: 25120114-M Project Title: PWS/LTER Marine Bird Surveys Primary Investigator: Kaler (USFWS)	TRUSTEE AGENCY SUMMARY PAGE
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Appendix A: Common names of 76 bird and mammal species counted during July Prince William Sound surveys.

Aleutian Tern	Harbor Porpoise	Short-billed Dowitcher
American Crow	Harbor Seal	Short-billed Gull
Ancient Murrelet	Harlequin Duck	Sitka Black-tailed Deer
Arctic Tern	Herring Gull	Solitary Sandpiper
Bald Eagle	Hoary Marmot	Stellar Sea Lion
Barrow's Goldeneye	Horned Puffin	Stellar's Jay
Belted Kingfisher	Humpback Whale	Surf Scoter
Black Bear	Kittlitz's Murrelet	Surfbird
Black Oystercatcher	Lesser Scaup	Thick-billed Murre
Black Scoter	Long-tailed Duck	Tufted Puffin
Black Turnstone	Mallard	Wandering Tattler
Black-billed Magpie	Marbled Murrelet	Whimbrel
Black-legged Kittiwake	Northern Fulmar	White-winged Scoter
Bonaparte's Gull	Pacific Loon	Yellow-billed Loon
Brown Bear	Parakeet Auklet	
Bufflehead	Parasitic Jaeger	
Canada Goose	Pelagic Cormorant	
Caspian Tern	Pigeon Guillemot	
Common Goldeneye	Red-breasted Merganser	
Common Loon	Red-faced Cormorant	
Common Merganser	Red-necked Grebe	
Common Murre	Red-necked Phalarope	
Common Raven	Red-throated Loon	
Dall's Porpoise	Rhinoceros Auklet	
Double-crested Cormorant	River Otter	
Fork-tailed Storm-petrel	Rock Sandpiper	
Gadwall	Ruddy Turnstone	
Glaucous-winged Gull	Rufous Hummingbird	
Great Blue Heron	Sea Otter	
Greater Scaup	Semipalmated Plover	
Greater Yellowlegs	Spotted Sandpiper	



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Appendix B. Abundance data for birds and mammals in Prince William Sound, 1989-2025.

Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Aleutian Tern	1989	0	0	0
Aleutian Tern	1990	0	0	0
Aleutian Tern	1991	323	0	940
Aleutian Tern	1993	114	0	297
Aleutian Tern	1996	320	0	1015
Aleutian Tern	1998	0	0	0
Aleutian Tern	2000	0	0	0
Aleutian Tern	2004	1265	134	2754
Aleutian Tern	2005	0	0	0
Aleutian Tern	2007	40	0	135
Aleutian Tern	2010	81	0	197
Aleutian Tern	2012	0	0	0
Aleutian Tern	2014	0	0	0
Aleutian Tern	2016	171	0	496
Aleutian Tern	2018	0	0	0
Aleutian Tern	2022	13	0	44
Aleutian Tern	2023	112	0	275
Aleutian Tern	2025	0	0	0
American Dipper	1989	0	0	0
American Dipper	1990	0	0	0
American Dipper	1991	0	0	0
American Dipper	1993	0	0	0
American Dipper	1996	3	0	10
American Dipper	1998	0	0	0
American Dipper	2000	0	0	0
American Dipper	2004	0	0	0
American Dipper	2005	16	3	32
American Dipper	2007	0	0	0
American Dipper	2010	0	0	0
American Dipper	2012	0	0	0
American Dipper	2014	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
American Dipper	2016	4	0	15
American Dipper	2018	0	0	0
American Dipper	2022	0	0	0
American Dipper	2023	0	0	0
American Dipper	2025	0	0	0
American Robin	1989	0	0	0
American Robin	1990	0	0	0
American Robin	1991	0	0	0
American Robin	1993	0	0	0
American Robin	1996	13	0	44
American Robin	1998	46	3	109
American Robin	2000	0	0	0
American Robin	2004	26	0	78
American Robin	2005	5	0	15
American Robin	2007	12	0	28
American Robin	2010	0	0	0
American Robin	2012	12	0	33
American Robin	2014	5	0	16
American Robin	2016	3	0	11
American Robin	2018	0	0	0
American Robin	2022	7	0	22
American Robin	2023	20	3	44
American Robin	2025	0	0	0
American Wigeon	1989	0	0	0
American Wigeon	1990	68	0	207
American Wigeon	1991	310	7	784
American Wigeon	1993	4	0	15
American Wigeon	1996	84	0	221
American Wigeon	1998	0	0	0
American Wigeon	2000	196	0	631
American Wigeon	2004	0	0	0
American Wigeon	2005	65	0	212
American Wigeon	2007	63	0	164



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
American Wigeon	2010	0	0	0
American Wigeon	2012	114	0	250
American Wigeon	2014	7	0	22
American Wigeon	2016	0	0	0
American Wigeon	2018	10	0	34
American Wigeon	2022	0	0	0
American Wigeon	2023	16	0	44
American Wigeon	2025	0	0	0
Ancient Murrelet	1989	26	4	60
Ancient Murrelet	1990	265	0	701
Ancient Murrelet	1991	231	0	512
Ancient Murrelet	1993	1874	563	3689
Ancient Murrelet	1996	188	0	417
Ancient Murrelet	1998	0	0	0
Ancient Murrelet	2000	82	0	266
Ancient Murrelet	2004	162	0	522
Ancient Murrelet	2005	0	0	0
Ancient Murrelet	2007	163	0	526
Ancient Murrelet	2010	336	33	745
Ancient Murrelet	2012	673	121	1590
Ancient Murrelet	2014	43	0	138
Ancient Murrelet	2016	0	0	0
Ancient Murrelet	2018	0	0	0
Ancient Murrelet	2022	0	0	0
Ancient Murrelet	2023	857	177	1689
Ancient Murrelet	2025	3	0	9
Arctic Tern	1989	7339	4788	10385
Arctic Tern	1990	6240	4395	8429
Arctic Tern	1991	6224	4741	7925
Arctic Tern	1993	8558	4348	15091
Arctic Tern	1996	6476	3864	9736
Arctic Tern	1998	2447	1370	3765
Arctic Tern	2000	2678	1425	4170



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Arctic Tern	2004	2561	1124	4350
Arctic Tern	2005	2588	967	4827
Arctic Tern	2007	2081	557	4277
Arctic Tern	2010	1872	683	3735
Arctic Tern	2012	1046	465	1770
Arctic Tern	2014	884	278	1673
Arctic Tern	2016	1258	444	2324
Arctic Tern	2018	984	440	1604
Arctic Tern	2022	1447	762	2272
Arctic Tern	2023	2038	1052	3263
Arctic Tern	2025	1304	540	2312
Bald Eagle	1989	1134	889	1408
Bald Eagle	1990	1473	1187	1796
Bald Eagle	1991	2325	1935	2755
Bald Eagle	1993	2387	1740	3270
Bald Eagle	1996	3110	2343	4090
Bald Eagle	1998	4268	3383	5449
Bald Eagle	2000	2396	1864	3078
Bald Eagle	2004	2230	1756	2802
Bald Eagle	2005	2283	1937	2673
Bald Eagle	2007	2226	1842	2679
Bald Eagle	2010	2587	2207	3002
Bald Eagle	2012	2553	2183	2957
Bald Eagle	2014	3412	2628	4373
Bald Eagle	2016	2093	1705	2577
Bald Eagle	2018	3080	2418	3946
Bald Eagle	2022	2212	1843	2655
Bald Eagle	2023	1833	1520	2192
Bald Eagle	2025	1473	1220	1752
Barrows Goldeneye	1989	101	7	244
Barrows Goldeneye	1990	6	0	19
Barrows Goldeneye	1991	50	0	142
Barrows Goldeneye	1993	73	6	173



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Barrows Goldeneye	1996	161	11	372
Barrows Goldeneye	1998	225	35	504
Barrows Goldeneye	2000	124	25	252
Barrows Goldeneye	2004	94	14	205
Barrows Goldeneye	2005	71	16	139
Barrows Goldeneye	2007	150	26	326
Barrows Goldeneye	2010	141	52	257
Barrows Goldeneye	2012	178	28	388
Barrows Goldeneye	2014	157	20	320
Barrows Goldeneye	2016	309	111	563
Barrows Goldeneye	2018	242	114	387
Barrows Goldeneye	2022	241	49	571
Barrows Goldeneye	2023	269	110	451
Barrows Goldeneye	2025	157	59	275
Bank Swallow	1989	0	0	0
Bank Swallow	1990	0	0	0
Bank Swallow	1991	0	0	0
Bank Swallow	1993	0	0	0
Bank Swallow	1996	4	0	14
Bank Swallow	1998	0	0	0
Bank Swallow	2000	0	0	0
Bank Swallow	2004	4	0	14
Bank Swallow	2005	0	0	0
Bank Swallow	2007	0	0	0
Bank Swallow	2010	0	0	0
Bank Swallow	2012	0	0	0
Bank Swallow	2014	0	0	0
Bank Swallow	2016	0	0	0
Bank Swallow	2018	0	0	0
Bank Swallow	2022	0	0	0
Bank Swallow	2023	0	0	0
Bank Swallow	2025	0	0	0
Barn Swallow	1989	0	0	0



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Barn Swallow	1990	0	0	0
Barn Swallow	1991	0	0	0
Barn Swallow	1993	0	0	0
Barn Swallow	1996	13	0	44
Barn Swallow	1998	0	0	0
Barn Swallow	2000	0	0	0
Barn Swallow	2004	0	0	0
Barn Swallow	2005	0	0	0
Barn Swallow	2007	0	0	0
Barn Swallow	2010	0	0	0
Barn Swallow	2012	0	0	0
Barn Swallow	2014	0	0	0
Barn Swallow	2016	0	0	0
Barn Swallow	2018	0	0	0
Barn Swallow	2022	0	0	0
Barn Swallow	2023	0	0	0
Barn Swallow	2025	0	0	0
Black-billed Magpie	1989	0	0	0
Black-billed Magpie	1990	50	17	94
Black-billed Magpie	1991	43	14	80
Black-billed Magpie	1993	29	8	59
Black-billed Magpie	1996	64	30	107
Black-billed Magpie	1998	35	5	78
Black-billed Magpie	2000	33	13	59
Black-billed Magpie	2004	51	12	103
Black-billed Magpie	2005	31	6	66
Black-billed Magpie	2007	16	3	30
Black-billed Magpie	2010	22	5	46
Black-billed Magpie	2012	44	22	68
Black-billed Magpie	2014	15	0	32
Black-billed Magpie	2016	20	5	40
Black-billed Magpie	2018	9	0	19
Black-billed Magpie	2022	23	6	42



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Black-billed Magpie	2023	6	0	15
Black-billed Magpie	2025	0	0	0
Black-bellied Plover	1989	0	0	0
Black-bellied Plover	1990	0	0	0
Black-bellied Plover	1991	0	0	0
Black-bellied Plover	1993	0	0	0
Black-bellied Plover	1996	7	0	22
Black-bellied Plover	1998	0	0	0
Black-bellied Plover	2000	0	0	0
Black-bellied Plover	2004	0	0	0
Black-bellied Plover	2005	0	0	0
Black-bellied Plover	2007	0	0	0
Black-bellied Plover	2010	0	0	0
Black-bellied Plover	2012	0	0	0
Black-bellied Plover	2014	0	0	0
Black-bellied Plover	2016	0	0	0
Black-bellied Plover	2018	0	0	0
Black-bellied Plover	2022	0	0	0
Black-bellied Plover	2023	0	0	0
Black-bellied Plover	2025	0	0	0
Belted Kingfisher	1989	21	4	42
Belted Kingfisher	1990	10	0	23
Belted Kingfisher	1991	12	0	27
Belted Kingfisher	1993	64	22	115
Belted Kingfisher	1996	121	65	185
Belted Kingfisher	1998	48	21	78
Belted Kingfisher	2000	8	0	20
Belted Kingfisher	2004	7	0	19
Belted Kingfisher	2005	23	4	49
Belted Kingfisher	2007	25	7	48
Belted Kingfisher	2010	7	0	19
Belted Kingfisher	2012	17	0	41
Belted Kingfisher	2014	27	9	50



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Belted Kingfisher	2016	45	19	74
Belted Kingfisher	2018	34	9	66
Belted Kingfisher	2022	24	7	47
Belted Kingfisher	2023	26	9	45
Belted Kingfisher	2025	30	9	56
Beluga Whale	1989	0	0	0
Beluga Whale	1990	0	0	0
Beluga Whale	1991	0	0	0
Beluga Whale	1993	0	0	0
Beluga Whale	1996	0	0	0
Beluga Whale	1998	0	0	0
Beluga Whale	2000	0	0	0
Beluga Whale	2004	3	0	9
Beluga Whale	2005	0	0	0
Beluga Whale	2007	0	0	0
Beluga Whale	2010	0	0	0
Beluga Whale	2012	0	0	0
Beluga Whale	2014	0	0	0
Beluga Whale	2016	0	0	0
Beluga Whale	2018	0	0	0
Beluga Whale	2022	0	0	0
Beluga Whale	2023	0	0	0
Beluga Whale	2025	0	0	0
Black Bear	1989	23	4	50
Black Bear	1990	9	0	26
Black Bear	1991	14	0	33
Black Bear	1993	27	4	58
Black Bear	1996	41	13	74
Black Bear	1998	13	0	30
Black Bear	2000	22	6	41
Black Bear	2004	41	15	72
Black Bear	2005	32	11	58
Black Bear	2007	7	0	22



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Black Bear	2010	20	3	43
Black Bear	2012	4	0	15
Black Bear	2014	34	8	71
Black Bear	2016	9	0	20
Black Bear	2018	82	8	224
Black Bear	2022	30	10	56
Black Bear	2023	8	0	20
Black Bear	2025	56	27	89
Black-legged Kittiwake	1989	57558	47593	69241
Black-legged Kittiwake	1990	42191	32795	53840
Black-legged Kittiwake	1991	61596	51704	73614
Black-legged Kittiwake	1993	73093	51399	107348
Black-legged Kittiwake	1996	67923	39254	114031
Black-legged Kittiwake	1998	35550	27709	44827
Black-legged Kittiwake	2000	30354	21098	42960
Black-legged Kittiwake	2004	34436	26349	43757
Black-legged Kittiwake	2005	55459	41057	73276
Black-legged Kittiwake	2007	110411	54622	210021
Black-legged Kittiwake	2010	68229	50322	90690
Black-legged Kittiwake	2012	55991	42607	71763
Black-legged Kittiwake	2014	95979	64885	134970
Black-legged Kittiwake	2016	61966	43529	86726
Black-legged Kittiwake	2018	86627	64151	115973
Black-legged Kittiwake	2022	54996	38458	77245
Black-legged Kittiwake	2023	61140	46444	78325
Black-legged Kittiwake	2025	50579	32682	73376
Black Oystercatcher	1989	432	300	584
Black Oystercatcher	1990	766	551	1010
Black Oystercatcher	1991	773	485	1167
Black Oystercatcher	1993	864	634	1141
Black Oystercatcher	1996	754	547	999
Black Oystercatcher	1998	1018	758	1339
Black Oystercatcher	2000	893	612	1243



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Black Oystercatcher	2004	793	524	1151
Black Oystercatcher	2005	753	488	1082
Black Oystercatcher	2007	673	432	983
Black Oystercatcher	2010	696	527	877
Black Oystercatcher	2012	796	587	1028
Black Oystercatcher	2014	1015	763	1294
Black Oystercatcher	2016	977	592	1606
Black Oystercatcher	2018	1461	843	2349
Black Oystercatcher	2022	1054	728	1454
Black Oystercatcher	2023	1411	1040	1844
Black Oystercatcher	2025	982	700	1309
Black Scoter	1989	1251	43	3659
Black Scoter	1990	42	0	110
Black Scoter	1991	431	51	1059
Black Scoter	1993	276	48	609
Black Scoter	1996	75	0	226
Black Scoter	1998	108	3	330
Black Scoter	2000	25	0	59
Black Scoter	2004	236	17	530
Black Scoter	2005	648	0	1761
Black Scoter	2007	163	0	533
Black Scoter	2010	4	0	15
Black Scoter	2012	10	0	33
Black Scoter	2014	5	0	15
Black Scoter	2016	1393	12	4509
Black Scoter	2018	15	0	50
Black Scoter	2022	702	7	2186
Black Scoter	2023	1711	8	5039
Black Scoter	2025	63	0	158
Black Turnstone	1989	4930	0	16883
Black Turnstone	1990	802	72	2081
Black Turnstone	1991	22	0	59
Black Turnstone	1993	69	3	154



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Black Turnstone	1996	39	7	79
Black Turnstone	1998	190	21	480
Black Turnstone	2000	49	0	155
Black Turnstone	2004	45	0	148
Black Turnstone	2005	9	0	29
Black Turnstone	2007	0	0	0
Black Turnstone	2010	4	0	14
Black Turnstone	2012	71	0	217
Black Turnstone	2014	40	0	104
Black Turnstone	2016	0	0	0
Black Turnstone	2018	6	0	19
Black Turnstone	2022	42	0	98
Black Turnstone	2023	118	18	257
Black Turnstone	2025	1007	0	3183
Bonapartes Gull	1989	2538	769	4915
Bonapartes Gull	1990	1423	324	2849
Bonapartes Gull	1991	823	217	1695
Bonapartes Gull	1993	2108	552	4151
Bonapartes Gull	1996	1620	434	3316
Bonapartes Gull	1998	602	94	1445
Bonapartes Gull	2000	2618	10	8299
Bonapartes Gull	2004	676	44	1677
Bonapartes Gull	2005	1594	266	3831
Bonapartes Gull	2007	1310	535	2288
Bonapartes Gull	2010	375	3	928
Bonapartes Gull	2012	309	20	761
Bonapartes Gull	2014	49	0	144
Bonapartes Gull	2016	106	8	262
Bonapartes Gull	2018	141	0	431
Bonapartes Gull	2022	249	46	512
Bonapartes Gull	2023	1031	12	2552
Bonapartes Gull	2025	398	13	1144
Bohemian Waxwing	1989	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Bohemian Waxwing	1990	4	0	14
Bohemian Waxwing	1991	0	0	0
Bohemian Waxwing	1993	0	0	0
Bohemian Waxwing	1996	0	0	0
Bohemian Waxwing	1998	0	0	0
Bohemian Waxwing	2000	0	0	0
Bohemian Waxwing	2004	0	0	0
Bohemian Waxwing	2005	0	0	0
Bohemian Waxwing	2007	0	0	0
Bohemian Waxwing	2010	0	0	0
Bohemian Waxwing	2012	0	0	0
Bohemian Waxwing	2014	0	0	0
Bohemian Waxwing	2016	0	0	0
Bohemian Waxwing	2018	0	0	0
Bohemian Waxwing	2022	0	0	0
Bohemian Waxwing	2023	0	0	0
Bohemian Waxwing	2025	0	0	0
Brant	1989	0	0	0
Brant	1990	0	0	0
Brant	1991	3	0	11
Brant	1993	0	0	0
Brant	1996	624	0	1918
Brant	1998	0	0	0
Brant	2000	0	0	0
Brant	2004	0	0	0
Brant	2005	0	0	0
Brant	2007	62	0	194
Brant	2010	0	0	0
Brant	2012	0	0	0
Brant	2014	0	0	0
Brant	2016	0	0	0
Brant	2018	0	0	0
Brant	2022	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Brant	2023	0	0	0
Brant	2025	0	0	0
Brown Bear	1989	0	0	0
Brown Bear	1990	0	0	0
Brown Bear	1991	0	0	0
Brown Bear	1993	0	0	0
Brown Bear	1996	0	0	0
Brown Bear	1998	4	0	15
Brown Bear	2000	11	0	28
Brown Bear	2004	3	0	11
Brown Bear	2005	0	0	0
Brown Bear	2007	7	0	21
Brown Bear	2010	27	0	71
Brown Bear	2012	13	0	45
Brown Bear	2014	3	0	11
Brown Bear	2016	0	0	0
Brown Bear	2018	18	0	52
Brown Bear	2022	0	0	0
Brown Bear	2023	8	0	20
Brown Bear	2025	0	0	0
Unidentified Brachyramphus Murrelet	1989	40236	31805	50202
Unidentified Brachyramphus Murrelet	1990	36624	28224	45982
Unidentified Brachyramphus Murrelet	1991	62816	48052	79256
Unidentified Brachyramphus Murrelet	1993	142546	100553	193070
Unidentified Brachyramphus Murrelet	1996	22025	14900	30690
Unidentified Brachyramphus Murrelet	1998	3071	949	5743
Unidentified Brachyramphus Murrelet	2000	1077	160	2335



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Unidentified Brachyramphus Murrelet	2004	848	456	1297
Unidentified Brachyramphus Murrelet	2005	6451	4422	8652
Unidentified Brachyramphus Murrelet	2007	2255	1215	3487
Unidentified Brachyramphus Murrelet	2010	2569	1637	3664
Unidentified Brachyramphus Murrelet	2012	1204	681	1798
Unidentified Brachyramphus Murrelet	2014	2351	1524	3285
Unidentified Brachyramphus Murrelet	2016	686	252	1273
Unidentified Brachyramphus Murrelet	2018	2288	719	4395
Unidentified Brachyramphus Murrelet	2022	686	369	1100
Unidentified Brachyramphus Murrelet	2023	550	157	1122
Unidentified Brachyramphus Murrelet	2025	106	39	211
Bufflehead	1989	0	0	0
Bufflehead	1990	0	0	0
Bufflehead	1991	20	0	55
Bufflehead	1993	22	0	59
Bufflehead	1996	0	0	0
Bufflehead	1998	3	0	11
Bufflehead	2000	18	0	58
Bufflehead	2004	0	0	0
Bufflehead	2005	0	0	0
Bufflehead	2007	0	0	0
Bufflehead	2010	9	0	22
Bufflehead	2012	3	0	10



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Bufflehead	2014	11	0	36
Bufflehead	2016	10	0	32
Bufflehead	2018	0	0	0
Bufflehead	2022	6	0	18
Bufflehead	2023	0	0	0
Bufflehead	2025	0	0	0
Blue-winged Teal	1989	0	0	0
Blue-winged Teal	1990	0	0	0
Blue-winged Teal	1991	0	0	0
Blue-winged Teal	1993	0	0	0
Blue-winged Teal	1996	0	0	0
Blue-winged Teal	1998	7	0	21
Blue-winged Teal	2000	0	0	0
Blue-winged Teal	2004	0	0	0
Blue-winged Teal	2005	0	0	0
Blue-winged Teal	2007	0	0	0
Blue-winged Teal	2010	0	0	0
Blue-winged Teal	2012	0	0	0
Blue-winged Teal	2014	0	0	0
Blue-winged Teal	2016	0	0	0
Blue-winged Teal	2018	0	0	0
Blue-winged Teal	2022	0	0	0
Blue-winged Teal	2023	0	0	0
Blue-winged Teal	2025	0	0	0
Canada Goose	1989	169	0	542
Canada Goose	1990	1907	0	6259
Canada Goose	1991	3101	16	9974
Canada Goose	1993	3099	0	10141
Canada Goose	1996	1019	23	3037
Canada Goose	1998	24	0	63
Canada Goose	2000	56	0	132
Canada Goose	2004	648	0	1852
Canada Goose	2005	150	29	315



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Canada Goose	2007	60	0	154
Canada Goose	2010	980	67	2949
Canada Goose	2012	191	30	429
Canada Goose	2014	138	0	457
Canada Goose	2016	16	0	54
Canada Goose	2018	249	18	666
Canada Goose	2022	349	7	1109
Canada Goose	2023	178	35	375
Canada Goose	2025	167	0	512
Unidentified Calidris	1989	577	0	1712
Unidentified Calidris	1990	3	0	11
Unidentified Calidris	1991	41	3	91
Unidentified Calidris	1993	0	0	0
Unidentified Calidris	1996	0	0	0
Unidentified Calidris	1998	234	0	608
Unidentified Calidris	2000	0	0	0
Unidentified Calidris	2004	0	0	0
Unidentified Calidris	2005	0	0	0
Unidentified Calidris	2007	0	0	0
Unidentified Calidris	2010	0	0	0
Unidentified Calidris	2012	4	0	15
Unidentified Calidris	2014	0	0	0
Unidentified Calidris	2016	0	0	0
Unidentified Calidris	2018	0	0	0
Unidentified Calidris	2022	0	0	0
Unidentified Calidris	2023	0	0	0
Unidentified Calidris	2025	0	0	0
California Sea Lion	1989	0	0	0
California Sea Lion	1990	0	0	0
California Sea Lion	1991	0	0	0
California Sea Lion	1993	0	0	0
California Sea Lion	1996	4	0	14
California Sea Lion	1998	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
California Sea Lion	2000	0	0	0
California Sea Lion	2004	0	0	0
California Sea Lion	2005	0	0	0
California Sea Lion	2007	0	0	0
California Sea Lion	2010	0	0	0
California Sea Lion	2012	0	0	0
California Sea Lion	2014	0	0	0
California Sea Lion	2016	0	0	0
California Sea Lion	2018	0	0	0
California Sea Lion	2022	0	0	0
California Sea Lion	2023	0	0	0
California Sea Lion	2025	0	0	0
Caspian Tern	1989	0	0	0
Caspian Tern	1990	0	0	0
Caspian Tern	1991	40	0	133
Caspian Tern	1993	0	0	0
Caspian Tern	1996	0	0	0
Caspian Tern	1998	4	0	15
Caspian Tern	2000	41	7	88
Caspian Tern	2004	0	0	0
Caspian Tern	2005	0	0	0
Caspian Tern	2007	4	0	15
Caspian Tern	2010	3	0	11
Caspian Tern	2012	42	0	103
Caspian Tern	2014	63	11	134
Caspian Tern	2016	102	0	369
Caspian Tern	2018	5	0	16
Caspian Tern	2022	0	0	0
Caspian Tern	2023	0	0	0
Caspian Tern	2025	0	0	0
Chestnut-backed Chickadee	1989	0	0	0
Chestnut-backed Chickadee	1990	0	0	0
Chestnut-backed Chickadee	1991	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Chestnut-backed Chickadee	1993	0	0	0
Chestnut-backed Chickadee	1996	0	0	0
Chestnut-backed Chickadee	1998	0	0	0
Chestnut-backed Chickadee	2000	0	0	0
Chestnut-backed Chickadee	2004	0	0	0
Chestnut-backed Chickadee	2005	0	0	0
Chestnut-backed Chickadee	2007	0	0	0
Chestnut-backed Chickadee	2010	0	0	0
Chestnut-backed Chickadee	2012	0	0	0
Chestnut-backed Chickadee	2014	0	0	0
Chestnut-backed Chickadee	2016	9	0	21
Chestnut-backed Chickadee	2018	0	0	0
Chestnut-backed Chickadee	2022	0	0	0
Chestnut-backed Chickadee	2023	0	0	0
Chestnut-backed Chickadee	2025	0	0	0
Cliff Swallow	1989	0	0	0
Cliff Swallow	1990	0	0	0
Cliff Swallow	1991	0	0	0
Cliff Swallow	1993	0	0	0
Cliff Swallow	1996	0	0	0
Cliff Swallow	1998	0	0	0
Cliff Swallow	2000	0	0	0
Cliff Swallow	2004	0	0	0
Cliff Swallow	2005	3	0	9
Cliff Swallow	2007	0	0	0
Cliff Swallow	2010	0	0	0
Cliff Swallow	2012	0	0	0
Cliff Swallow	2014	0	0	0
Cliff Swallow	2016	0	0	0
Cliff Swallow	2018	0	0	0
Cliff Swallow	2022	0	0	0
Cliff Swallow	2023	0	0	0
Cliff Swallow	2025	0	0	0



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Common Eider	1989	0	0	0
Common Eider	1990	0	0	0
Common Eider	1991	0	0	0
Common Eider	1993	0	0	0
Common Eider	1996	3	0	11
Common Eider	1998	0	0	0
Common Eider	2000	0	0	0
Common Eider	2004	0	0	0
Common Eider	2005	0	0	0
Common Eider	2007	0	0	0
Common Eider	2010	0	0	0
Common Eider	2012	0	0	0
Common Eider	2014	0	0	0
Common Eider	2016	0	0	0
Common Eider	2018	0	0	0
Common Eider	2022	0	0	0
Common Eider	2023	0	0	0
Common Eider	2025	0	0	0
Common Goldeneye	1989	207	22	449
Common Goldeneye	1990	28	0	65
Common Goldeneye	1991	135	18	319
Common Goldeneye	1993	123	15	262
Common Goldeneye	1996	61	14	131
Common Goldeneye	1998	76	19	150
Common Goldeneye	2000	62	5	141
Common Goldeneye	2004	44	0	123
Common Goldeneye	2005	77	24	146
Common Goldeneye	2007	6	0	16
Common Goldeneye	2010	130	26	279
Common Goldeneye	2012	183	90	292
Common Goldeneye	2014	371	62	784
Common Goldeneye	2016	103	13	241
Common Goldeneye	2018	163	10	417



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Common Goldeneye	2022	75	8	160
Common Goldeneye	2023	82	23	156
Common Goldeneye	2025	310	124	550
Common Loon	1989	426	154	764
Common Loon	1990	82	37	143
Common Loon	1991	596	183	1158
Common Loon	1993	244	101	452
Common Loon	1996	231	98	416
Common Loon	1998	253	91	524
Common Loon	2000	406	138	821
Common Loon	2004	259	121	429
Common Loon	2005	248	108	410
Common Loon	2007	135	27	286
Common Loon	2010	304	143	492
Common Loon	2012	136	45	283
Common Loon	2014	242	58	511
Common Loon	2016	309	164	516
Common Loon	2018	1333	264	3314
Common Loon	2022	74	36	117
Common Loon	2023	192	73	358
Common Loon	2025	212	107	353
Common Merganser	1989	2648	1471	4277
Common Merganser	1990	3425	1662	6211
Common Merganser	1991	2389	1436	3497
Common Merganser	1993	3227	2140	4382
Common Merganser	1996	2886	1975	3927
Common Merganser	1998	3646	2383	5270
Common Merganser	2000	3071	2005	4355
Common Merganser	2004	4074	1565	8732
Common Merganser	2005	4804	2482	8786
Common Merganser	2007	3132	2091	4332
Common Merganser	2010	3134	1985	4496
Common Merganser	2012	1245	727	1865



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Common Merganser	2014	2142	969	3480
Common Merganser	2016	2278	1375	3381
Common Merganser	2018	4368	2258	7268
Common Merganser	2022	3594	2011	5499
Common Merganser	2023	4138	2810	5653
Common Merganser	2025	1196	735	1716
Common Murre	1989	270	60	552
Common Murre	1990	875	346	1518
Common Murre	1991	4533	2832	6241
Common Murre	1993	16005	9241	23553
Common Murre	1996	2874	817	5746
Common Murre	1998	3932	781	7761
Common Murre	2000	1061	373	1960
Common Murre	2004	3222	1822	4781
Common Murre	2005	12217	6479	18942
Common Murre	2007	15249	8273	23568
Common Murre	2010	6618	4599	8783
Common Murre	2012	2803	1240	4835
Common Murre	2014	1807	868	2998
Common Murre	2016	1693	830	2747
Common Murre	2018	492	169	887
Common Murre	2022	4997	1931	8893
Common Murre	2023	3265	1385	5888
Common Murre	2025	1456	360	3149
Common Raven	1989	125	0	393
Common Raven	1990	157	35	352
Common Raven	1991	62	7	169
Common Raven	1993	79	36	131
Common Raven	1996	45	11	95
Common Raven	1998	59	20	115
Common Raven	2000	64	4	181
Common Raven	2004	173	55	378
Common Raven	2005	46	18	80



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Common Raven	2007	302	98	648
Common Raven	2010	56	23	98
Common Raven	2012	77	23	142
Common Raven	2014	72	23	134
Common Raven	2016	36	7	75
Common Raven	2018	83	31	147
Common Raven	2022	141	35	319
Common Raven	2023	25	5	49
Common Raven	2025	46	14	88
Unidentified Corvid	1989	0	0	0
Unidentified Corvid	1990	0	0	0
Unidentified Corvid	1991	0	0	0
Unidentified Corvid	1993	0	0	0
Unidentified Corvid	1996	0	0	0
Unidentified Corvid	1998	0	0	0
Unidentified Corvid	2000	0	0	0
Unidentified Corvid	2004	0	0	0
Unidentified Corvid	2005	0	0	0
Unidentified Corvid	2007	3	0	9
Unidentified Corvid	2010	0	0	0
Unidentified Corvid	2012	0	0	0
Unidentified Corvid	2014	0	0	0
Unidentified Corvid	2016	0	0	0
Unidentified Corvid	2018	0	0	0
Unidentified Corvid	2022	0	0	0
Unidentified Corvid	2023	0	0	0
Unidentified Corvid	2025	0	0	0
Coyote	1989	0	0	0
Coyote	1990	0	0	0
Coyote	1991	0	0	0
Coyote	1993	4	0	15
Coyote	1996	0	0	0
Coyote	1998	0	0	0



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Coyote	2000	0	0	0
Coyote	2004	0	0	0
Coyote	2005	0	0	0
Coyote	2007	0	0	0
Coyote	2010	0	0	0
Coyote	2012	0	0	0
Coyote	2014	0	0	0
Coyote	2016	0	0	0
Coyote	2018	0	0	0
Coyote	2022	0	0	0
Coyote	2023	0	0	0
Coyote	2025	0	0	0
Dall Porpoise	1989	153	0	433
Dall Porpoise	1990	1012	81	2302
Dall Porpoise	1991	482	143	900
Dall Porpoise	1993	435	4	996
Dall Porpoise	1996	1104	375	2002
Dall Porpoise	1998	2272	639	4526
Dall Porpoise	2000	909	221	1780
Dall Porpoise	2004	1525	522	2860
Dall Porpoise	2005	2994	1324	4716
Dall Porpoise	2007	2379	1204	3777
Dall Porpoise	2010	1371	702	2119
Dall Porpoise	2012	1089	360	2043
Dall Porpoise	2014	1221	517	2091
Dall Porpoise	2016	760	289	1346
Dall Porpoise	2018	716	96	1573
Dall Porpoise	2022	520	0	1177
Dall Porpoise	2023	708	112	1539
Dall Porpoise	2025	574	0	1377
Double-crested Cormorant	1989	91	9	233
Double-crested Cormorant	1990	54	5	124
Double-crested Cormorant	1991	49	8	115



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Double-crested Cormorant	1993	254	18	674
Double-crested Cormorant	1996	137	3	425
Double-crested Cormorant	1998	27	3	61
Double-crested Cormorant	2000	29	5	59
Double-crested Cormorant	2004	193	67	355
Double-crested Cormorant	2005	155	41	305
Double-crested Cormorant	2007	33	3	82
Double-crested Cormorant	2010	43	8	91
Double-crested Cormorant	2012	54	13	110
Double-crested Cormorant	2014	58	12	132
Double-crested Cormorant	2016	0	0	0
Double-crested Cormorant	2018	89	3	241
Double-crested Cormorant	2022	476	67	1121
Double-crested Cormorant	2023	71	4	166
Double-crested Cormorant	2025	39	12	73
Dovekie	1989	0	0	0
Dovekie	1990	0	0	0
Dovekie	1991	0	0	0
Dovekie	1993	0	0	0
Dovekie	1996	0	0	0
Dovekie	1998	3	0	9
Dovekie	2000	0	0	0
Dovekie	2004	0	0	0
Dovekie	2005	0	0	0
Dovekie	2007	0	0	0
Dovekie	2010	0	0	0
Dovekie	2012	0	0	0
Dovekie	2014	0	0	0
Dovekie	2016	0	0	0
Dovekie	2018	0	0	0
Dovekie	2022	0	0	0
Dovekie	2023	0	0	0
Dovekie	2025	0	0	0



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Unidentified Dowitcher	1989	0	0	0
Unidentified Dowitcher	1990	0	0	0
Unidentified Dowitcher	1991	0	0	0
Unidentified Dowitcher	1993	0	0	0
Unidentified Dowitcher	1996	0	0	0
Unidentified Dowitcher	1998	0	0	0
Unidentified Dowitcher	2000	0	0	0
Unidentified Dowitcher	2004	0	0	0
Unidentified Dowitcher	2005	0	0	0
Unidentified Dowitcher	2007	0	0	0
Unidentified Dowitcher	2010	76	0	196
Unidentified Dowitcher	2012	0	0	0
Unidentified Dowitcher	2014	0	0	0
Unidentified Dowitcher	2016	0	0	0
Unidentified Dowitcher	2018	0	0	0
Unidentified Dowitcher	2022	0	0	0
Unidentified Dowitcher	2023	0	0	0
Unidentified Dowitcher	2025	0	0	0
Dunlin	1989	0	0	0
Dunlin	1990	0	0	0
Dunlin	1991	0	0	0
Dunlin	1993	0	0	0
Dunlin	1996	8	0	29
Dunlin	1998	0	0	0
Dunlin	2000	0	0	0
Dunlin	2004	0	0	0
Dunlin	2005	0	0	0
Dunlin	2007	0	0	0
Dunlin	2010	0	0	0
Dunlin	2012	0	0	0
Dunlin	2014	0	0	0
Dunlin	2016	0	0	0
Dunlin	2018	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Dunlin	2022	0	0	0
Dunlin	2023	0	0	0
Dunlin	2025	0	0	0
Fox Sparrow	1989	0	0	0
Fox Sparrow	1990	0	0	0
Fox Sparrow	1991	0	0	0
Fox Sparrow	1993	0	0	0
Fox Sparrow	1996	0	0	0
Fox Sparrow	1998	0	0	0
Fox Sparrow	2000	0	0	0
Fox Sparrow	2004	3	0	11
Fox Sparrow	2005	0	0	0
Fox Sparrow	2007	3	0	9
Fox Sparrow	2010	0	0	0
Fox Sparrow	2012	0	0	0
Fox Sparrow	2014	3	0	10
Fox Sparrow	2016	0	0	0
Fox Sparrow	2018	0	0	0
Fox Sparrow	2022	0	0	0
Fox Sparrow	2023	0	0	0
Fox Sparrow	2025	0	0	0
Fork-tailed Storm-petrel	1989	35907	7849	90096
Fork-tailed Storm-petrel	1990	18426	12581	24402
Fork-tailed Storm-petrel	1991	19519	10045	34096
Fork-tailed Storm-petrel	1993	13811	5223	23270
Fork-tailed Storm-petrel	1996	25397	9565	51290
Fork-tailed Storm-petrel	1998	9531	2995	18309
Fork-tailed Storm-petrel	2000	34881	13292	62704
Fork-tailed Storm-petrel	2004	12925	6555	20388
Fork-tailed Storm-petrel	2005	3777	1741	6251
Fork-tailed Storm-petrel	2007	2822	703	6322
Fork-tailed Storm-petrel	2010	802	268	1433
Fork-tailed Storm-petrel	2012	244	0	571



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Fork-tailed Storm-petrel	2014	43	0	137
Fork-tailed Storm-petrel	2016	6316	0	20384
Fork-tailed Storm-petrel	2018	6377	3013	10418
Fork-tailed Storm-petrel	2022	6580	2642	12711
Fork-tailed Storm-petrel	2023	3057	882	5606
Fork-tailed Storm-petrel	2025	886	260	1668
Gadwall	1989	18	0	60
Gadwall	1990	27	0	70
Gadwall	1991	22	0	75
Gadwall	1993	0	0	0
Gadwall	1996	0	0	0
Gadwall	1998	76	0	260
Gadwall	2000	63	0	198
Gadwall	2004	0	0	0
Gadwall	2005	239	0	600
Gadwall	2007	60	0	182
Gadwall	2010	201	0	655
Gadwall	2012	3	0	11
Gadwall	2014	0	0	0
Gadwall	2016	0	0	0
Gadwall	2018	5	0	16
Gadwall	2022	171	0	556
Gadwall	2023	49	0	128
Gadwall	2025	0	0	0
Great Blue Heron	1989	18	3	38
Great Blue Heron	1990	54	20	93
Great Blue Heron	1991	36	5	77
Great Blue Heron	1993	93	40	159
Great Blue Heron	1996	176	74	302
Great Blue Heron	1998	187	80	325
Great Blue Heron	2000	65	26	113
Great Blue Heron	2004	87	30	158
Great Blue Heron	2005	112	25	253



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Great Blue Heron	2007	138	60	246
Great Blue Heron	2010	125	46	230
Great Blue Heron	2012	96	44	158
Great Blue Heron	2014	100	40	191
Great Blue Heron	2016	164	63	304
Great Blue Heron	2018	109	46	191
Great Blue Heron	2022	137	30	296
Great Blue Heron	2023	165	82	270
Great Blue Heron	2025	61	22	112
Golden-crowned Sparrow	1989	0	0	0
Golden-crowned Sparrow	1990	0	0	0
Golden-crowned Sparrow	1991	0	0	0
Golden-crowned Sparrow	1993	0	0	0
Golden-crowned Sparrow	1996	0	0	0
Golden-crowned Sparrow	1998	7	0	21
Golden-crowned Sparrow	2000	0	0	0
Golden-crowned Sparrow	2004	0	0	0
Golden-crowned Sparrow	2005	0	0	0
Golden-crowned Sparrow	2007	0	0	0
Golden-crowned Sparrow	2010	0	0	0
Golden-crowned Sparrow	2012	0	0	0
Golden-crowned Sparrow	2014	0	0	0
Golden-crowned Sparrow	2016	0	0	0
Golden-crowned Sparrow	2018	0	0	0
Golden-crowned Sparrow	2022	0	0	0
Golden-crowned Sparrow	2023	0	0	0
Golden-crowned Sparrow	2025	0	0	0
Glaucous Gull	1989	0	0	0
Glaucous Gull	1990	0	0	0
Glaucous Gull	1991	0	0	0
Glaucous Gull	1993	3	0	9
Glaucous Gull	1996	3	0	9
Glaucous Gull	1998	223	0	721



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Glaucous Gull	2000	0	0	0
Glaucous Gull	2004	0	0	0
Glaucous Gull	2005	6	0	15
Glaucous Gull	2007	0	0	0
Glaucous Gull	2010	3	0	9
Glaucous Gull	2012	0	0	0
Glaucous Gull	2014	0	0	0
Glaucous Gull	2016	269	0	876
Glaucous Gull	2018	6	0	16
Glaucous Gull	2022	80	0	216
Glaucous Gull	2023	959	264	1879
Glaucous Gull	2025	0	0	0
Greater Scaup	1989	449	0	1139
Greater Scaup	1990	0	0	0
Greater Scaup	1991	147	0	430
Greater Scaup	1993	82	0	251
Greater Scaup	1996	0	0	0
Greater Scaup	1998	13	0	44
Greater Scaup	2000	81	0	239
Greater Scaup	2004	16	0	42
Greater Scaup	2005	0	0	0
Greater Scaup	2007	1728	0	5262
Greater Scaup	2010	20	0	66
Greater Scaup	2012	59	0	170
Greater Scaup	2014	18	0	60
Greater Scaup	2016	0	0	0
Greater Scaup	2018	10	0	33
Greater Scaup	2022	124	7	286
Greater Scaup	2023	42	0	139
Greater Scaup	2025	0	0	0
Grey Whale	1989	0	0	0
Grey Whale	1990	0	0	0
Grey Whale	1991	0	0	0



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Grey Whale	1993	0	0	0
Grey Whale	1996	0	0	0
Grey Whale	1998	0	0	0
Grey Whale	2000	0	0	0
Grey Whale	2004	0	0	0
Grey Whale	2005	0	0	0
Grey Whale	2007	0	0	0
Grey Whale	2010	0	0	0
Grey Whale	2012	0	0	0
Grey Whale	2014	3	0	9
Grey Whale	2016	0	0	0
Grey Whale	2018	0	0	0
Grey Whale	2022	0	0	0
Grey Whale	2023	0	0	0
Grey Whale	2025	0	0	0
Greater Yellowlegs	1989	0	0	0
Greater Yellowlegs	1990	0	0	0
Greater Yellowlegs	1991	0	0	0
Greater Yellowlegs	1993	0	0	0
Greater Yellowlegs	1996	20	0	65
Greater Yellowlegs	1998	18	0	48
Greater Yellowlegs	2000	0	0	0
Greater Yellowlegs	2004	0	0	0
Greater Yellowlegs	2005	0	0	0
Greater Yellowlegs	2007	0	0	0
Greater Yellowlegs	2010	18	0	56
Greater Yellowlegs	2012	8	0	27
Greater Yellowlegs	2014	0	0	0
Greater Yellowlegs	2016	0	0	0
Greater Yellowlegs	2018	0	0	0
Greater Yellowlegs	2022	0	0	0
Greater Yellowlegs	2023	0	0	0
Greater Yellowlegs	2025	0	0	0



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Glaucous-winged Gull	1989	21489	16271	27459
Glaucous-winged Gull	1990	31979	24099	41671
Glaucous-winged Gull	1991	25107	19248	31939
Glaucous-winged Gull	1993	33616	23826	47183
Glaucous-winged Gull	1996	29241	21572	37952
Glaucous-winged Gull	1998	24347	17667	32391
Glaucous-winged Gull	2000	27629	20322	36843
Glaucous-winged Gull	2004	36299	27678	47103
Glaucous-winged Gull	2005	28615	19514	40662
Glaucous-winged Gull	2007	48395	24972	84942
Glaucous-winged Gull	2010	40356	30820	52316
Glaucous-winged Gull	2012	27256	20068	36036
Glaucous-winged Gull	2014	51963	33760	79716
Glaucous-winged Gull	2016	50979	31839	76303
Glaucous-winged Gull	2018	64271	36511	103505
Glaucous-winged Gull	2022	38297	28791	50190
Glaucous-winged Gull	2023	35582	26682	46175
Glaucous-winged Gull	2025	22857	15797	33578
Green-winged Teal	1989	0	0	0
Green-winged Teal	1990	64	0	183
Green-winged Teal	1991	78	0	259
Green-winged Teal	1993	0	0	0
Green-winged Teal	1996	80	0	218
Green-winged Teal	1998	36	0	123
Green-winged Teal	2000	0	0	0
Green-winged Teal	2004	23	0	76
Green-winged Teal	2005	111	0	360
Green-winged Teal	2007	108	0	278
Green-winged Teal	2010	0	0	0
Green-winged Teal	2012	18	0	58
Green-winged Teal	2014	52	0	133
Green-winged Teal	2016	36	0	124
Green-winged Teal	2018	19	0	64



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Green-winged Teal	2022	0	0	0
Green-winged Teal	2023	36	0	94
Green-winged Teal	2025	265	0	892
Harlequin Duck	1989	3932	2540	5511
Harlequin Duck	1990	9341	5599	14770
Harlequin Duck	1991	8264	5101	12356
Harlequin Duck	1993	8322	5528	11519
Harlequin Duck	1996	10619	7425	14273
Harlequin Duck	1998	9176	6465	12239
Harlequin Duck	2000	9276	6151	12914
Harlequin Duck	2004	6638	4373	9224
Harlequin Duck	2005	8875	6247	12080
Harlequin Duck	2007	9707	5276	15094
Harlequin Duck	2010	10035	6831	13466
Harlequin Duck	2012	16561	9721	25332
Harlequin Duck	2014	9213	5135	14151
Harlequin Duck	2016	6103	4012	8553
Harlequin Duck	2018	10350	6078	16071
Harlequin Duck	2022	5380	3516	7516
Harlequin Duck	2023	7768	4723	11595
Harlequin Duck	2025	7186	4274	11100
Harbor Porpoise	1989	0	0	0
Harbor Porpoise	1990	0	0	0
Harbor Porpoise	1991	112	0	366
Harbor Porpoise	1993	789	243	1585
Harbor Porpoise	1996	0	0	0
Harbor Porpoise	1998	0	0	0
Harbor Porpoise	2000	3	0	11
Harbor Porpoise	2004	203	0	496
Harbor Porpoise	2005	253	0	703
Harbor Porpoise	2007	540	78	1146
Harbor Porpoise	2010	155	0	392
Harbor Porpoise	2012	285	0	647



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Harbor Porpoise	2014	85	0	273
Harbor Porpoise	2016	175	0	524
Harbor Porpoise	2018	650	129	1206
Harbor Porpoise	2022	0	0	0
Harbor Porpoise	2023	94	0	243
Harbor Porpoise	2025	290	0	721
Harbor Seal	1989	2440	1568	3558
Harbor Seal	1990	2666	846	6510
Harbor Seal	1991	1583	1084	2212
Harbor Seal	1993	16920	1356	51637
Harbor Seal	1996	1195	783	1713
Harbor Seal	1998	1737	943	2890
Harbor Seal	2000	1198	691	1884
Harbor Seal	2004	5726	663	15942
Harbor Seal	2005	1238	735	1846
Harbor Seal	2007	6880	1015	19450
Harbor Seal	2010	2764	1883	3902
Harbor Seal	2012	4296	2739	6364
Harbor Seal	2014	4422	2783	6396
Harbor Seal	2016	7680	3365	13580
Harbor Seal	2018	5133	2622	9607
Harbor Seal	2022	3959	2575	5812
Harbor Seal	2023	5418	3362	8648
Harbor Seal	2025	4367	2462	7053
Humpback Whale	1989	0	0	0
Humpback Whale	1990	0	0	0
Humpback Whale	1991	0	0	0
Humpback Whale	1993	225	45	453
Humpback Whale	1996	530	113	1045
Humpback Whale	1998	242	39	551
Humpback Whale	2000	0	0	0
Humpback Whale	2004	3	0	9
Humpback Whale	2005	37	0	122



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Humpback Whale	2007	0	0	0
Humpback Whale	2010	3	0	9
Humpback Whale	2012	91	0	273
Humpback Whale	2014	183	0	491
Humpback Whale	2016	227	61	422
Humpback Whale	2018	0	0	0
Humpback Whale	2022	0	0	0
Humpback Whale	2023	113	0	358
Humpback Whale	2025	57	3	167
Herring Gull	1989	8	0	21
Herring Gull	1990	125	11	283
Herring Gull	1991	214	40	451
Herring Gull	1993	48	10	99
Herring Gull	1996	58	7	141
Herring Gull	1998	53	0	140
Herring Gull	2000	144	24	324
Herring Gull	2004	782	327	1322
Herring Gull	2005	37	0	121
Herring Gull	2007	419	134	745
Herring Gull	2010	472	192	814
Herring Gull	2012	225	58	417
Herring Gull	2014	105	32	212
Herring Gull	2016	0	0	0
Herring Gull	2018	238	71	452
Herring Gull	2022	261	43	589
Herring Gull	2023	160	0	429
Herring Gull	2025	26	0	72
Hermit Thrush	1989	0	0	0
Hermit Thrush	1990	0	0	0
Hermit Thrush	1991	0	0	0
Hermit Thrush	1993	0	0	0
Hermit Thrush	1996	4	0	14
Hermit Thrush	1998	3	0	11



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Hermit Thrush	2000	0	0	0
Hermit Thrush	2004	0	0	0
Hermit Thrush	2005	0	0	0
Hermit Thrush	2007	9	0	28
Hermit Thrush	2010	0	0	0
Hermit Thrush	2012	24	3	59
Hermit Thrush	2014	3	0	9
Hermit Thrush	2016	76	30	137
Hermit Thrush	2018	3	0	12
Hermit Thrush	2022	28	9	52
Hermit Thrush	2023	33	6	68
Hermit Thrush	2025	0	0	0
Horned Grebe	1989	0	0	0
Horned Grebe	1990	0	0	0
Horned Grebe	1991	31	0	101
Horned Grebe	1993	0	0	0
Horned Grebe	1996	13	0	37
Horned Grebe	1998	0	0	0
Horned Grebe	2000	0	0	0
Horned Grebe	2004	42	7	95
Horned Grebe	2005	9	0	31
Horned Grebe	2007	9	0	29
Horned Grebe	2010	0	0	0
Horned Grebe	2012	3	0	11
Horned Grebe	2014	0	0	0
Horned Grebe	2016	9	0	24
Horned Grebe	2018	3	0	11
Horned Grebe	2022	4	0	15
Horned Grebe	2023	0	0	0
Horned Grebe	2025	13	0	36
Hoary Marmot	1989	0	0	0
Hoary Marmot	1990	0	0	0
Hoary Marmot	1991	0	0	0



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Hoary Marmot	1993	0	0	0
Hoary Marmot	1996	3	0	9
Hoary Marmot	1998	0	0	0
Hoary Marmot	2000	0	0	0
Hoary Marmot	2004	0	0	0
Hoary Marmot	2005	16	0	39
Hoary Marmot	2007	0	0	0
Hoary Marmot	2010	3	0	10
Hoary Marmot	2012	0	0	0
Hoary Marmot	2014	0	0	0
Hoary Marmot	2016	0	0	0
Hoary Marmot	2018	0	0	0
Hoary Marmot	2022	0	0	0
Hoary Marmot	2023	0	0	0
Hoary Marmot	2025	0	0	0
Horned Puffin	1989	1881	354	4193
Horned Puffin	1990	1252	465	2186
Horned Puffin	1991	1297	506	2314
Horned Puffin	1993	1520	517	3176
Horned Puffin	1996	558	147	1119
Horned Puffin	1998	999	382	1766
Horned Puffin	2000	505	45	1102
Horned Puffin	2004	565	26	1537
Horned Puffin	2005	1145	237	2491
Horned Puffin	2007	45	0	149
Horned Puffin	2010	543	48	1545
Horned Puffin	2012	593	113	1263
Horned Puffin	2014	410	99	809
Horned Puffin	2016	2106	271	4970
Horned Puffin	2018	523	42	1301
Horned Puffin	2022	241	3	609
Horned Puffin	2023	1343	163	3008
Horned Puffin	2025	874	166	1814



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Kittlitzs Murrelet	1989	6019	2980	10028
Kittlitzs Murrelet	1990	5231	244	16001
Kittlitzs Murrelet	1991	1184	294	2711
Kittlitzs Murrelet	1993	2710	1456	4432
Kittlitzs Murrelet	1996	1394	272	3277
Kittlitzs Murrelet	1998	232	58	454
Kittlitzs Murrelet	2000	1033	79	2762
Kittlitzs Murrelet	2004	777	283	1422
Kittlitzs Murrelet	2005	2972	442	7064
Kittlitzs Murrelet	2007	2350	543	4646
Kittlitzs Murrelet	2010	2157	359	5385
Kittlitzs Murrelet	2012	1423	381	2935
Kittlitzs Murrelet	2014	1012	87	2324
Kittlitzs Murrelet	2016	1997	83	5775
Kittlitzs Murrelet	2018	1490	50	3493
Kittlitzs Murrelet	2022	194	81	354
Kittlitzs Murrelet	2023	541	3	1663
Kittlitzs Murrelet	2025	39	0	132
Killer Whale	1989	0	0	0
Killer Whale	1990	0	0	0
Killer Whale	1991	36	0	121
Killer Whale	1993	37	0	119
Killer Whale	1996	6	0	19
Killer Whale	1998	0	0	0
Killer Whale	2000	0	0	0
Killer Whale	2004	3	0	10
Killer Whale	2005	0	0	0
Killer Whale	2007	250	0	790
Killer Whale	2010	0	0	0
Killer Whale	2012	0	0	0
Killer Whale	2014	170	0	554
Killer Whale	2016	0	0	0
Killer Whale	2018	0	0	0



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Killer Whale	2022	0	0	0
Killer Whale	2023	0	0	0
Killer Whale	2025	1296	0	4283
Long-billed Dowitcher	1989	6	0	21
Long-billed Dowitcher	1990	0	0	0
Long-billed Dowitcher	1991	0	0	0
Long-billed Dowitcher	1993	0	0	0
Long-billed Dowitcher	1996	0	0	0
Long-billed Dowitcher	1998	0	0	0
Long-billed Dowitcher	2000	0	0	0
Long-billed Dowitcher	2004	0	0	0
Long-billed Dowitcher	2005	0	0	0
Long-billed Dowitcher	2007	0	0	0
Long-billed Dowitcher	2010	0	0	0
Long-billed Dowitcher	2012	0	0	0
Long-billed Dowitcher	2014	0	0	0
Long-billed Dowitcher	2016	0	0	0
Long-billed Dowitcher	2018	0	0	0
Long-billed Dowitcher	2022	0	0	0
Long-billed Dowitcher	2023	0	0	0
Long-billed Dowitcher	2025	0	0	0
Least Sandpiper	1989	0	0	0
Least Sandpiper	1990	0	0	0
Least Sandpiper	1991	0	0	0
Least Sandpiper	1993	0	0	0
Least Sandpiper	1996	0	0	0
Least Sandpiper	1998	0	0	0
Least Sandpiper	2000	0	0	0
Least Sandpiper	2004	11	0	31
Least Sandpiper	2005	0	0	0
Least Sandpiper	2007	0	0	0
Least Sandpiper	2010	0	0	0
Least Sandpiper	2012	49	0	168



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Least Sandpiper	2014	0	0	0
Least Sandpiper	2016	0	0	0
Least Sandpiper	2018	0	0	0
Least Sandpiper	2022	57	0	195
Least Sandpiper	2023	18	0	49
Least Sandpiper	2025	0	0	0
Lesser Scaup	1989	0	0	0
Lesser Scaup	1990	0	0	0
Lesser Scaup	1991	0	0	0
Lesser Scaup	1993	0	0	0
Lesser Scaup	1996	9	0	29
Lesser Scaup	1998	0	0	0
Lesser Scaup	2000	0	0	0
Lesser Scaup	2004	0	0	0
Lesser Scaup	2005	33	0	113
Lesser Scaup	2007	0	0	0
Lesser Scaup	2010	76	0	257
Lesser Scaup	2012	9	0	29
Lesser Scaup	2014	0	0	0
Lesser Scaup	2016	14	0	45
Lesser Scaup	2018	0	0	0
Lesser Scaup	2022	16	0	53
Lesser Scaup	2023	3	0	9
Lesser Scaup	2025	0	0	0
Leachs Storm-Petrel	1989	0	0	0
Leachs Storm-Petrel	1990	0	0	0
Leachs Storm-Petrel	1991	0	0	0
Leachs Storm-Petrel	1993	0	0	0
Leachs Storm-Petrel	1996	0	0	0
Leachs Storm-Petrel	1998	0	0	0
Leachs Storm-Petrel	2000	0	0	0
Leachs Storm-Petrel	2004	203	53	372
Leachs Storm-Petrel	2005	41	0	132



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Leachs Storm-Petrel	2007	80	0	202
Leachs Storm-Petrel	2010	0	0	0
Leachs Storm-Petrel	2012	0	0	0
Leachs Storm-Petrel	2014	0	0	0
Leachs Storm-Petrel	2016	0	0	0
Leachs Storm-Petrel	2018	37	0	120
Leachs Storm-Petrel	2022	225	0	660
Leachs Storm-Petrel	2023	154	0	425
Leachs Storm-Petrel	2025	531	14	1322
Lesser Yellowlegs	1989	0	0	0
Lesser Yellowlegs	1990	0	0	0
Lesser Yellowlegs	1991	0	0	0
Lesser Yellowlegs	1993	11	0	30
Lesser Yellowlegs	1996	0	0	0
Lesser Yellowlegs	1998	0	0	0
Lesser Yellowlegs	2000	0	0	0
Lesser Yellowlegs	2004	18	0	47
Lesser Yellowlegs	2005	5	0	15
Lesser Yellowlegs	2007	0	0	0
Lesser Yellowlegs	2010	0	0	0
Lesser Yellowlegs	2012	7	0	19
Lesser Yellowlegs	2014	0	0	0
Lesser Yellowlegs	2016	4	0	14
Lesser Yellowlegs	2018	0	0	0
Lesser Yellowlegs	2022	0	0	0
Lesser Yellowlegs	2023	41	10	84
Lesser Yellowlegs	2025	0	0	0
Long-tailed Duck	1989	0	0	0
Long-tailed Duck	1990	92	4	237
Long-tailed Duck	1991	47	0	139
Long-tailed Duck	1993	17	0	38
Long-tailed Duck	1996	3	0	9
Long-tailed Duck	1998	3	0	11



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Long-tailed Duck	2000	30	0	97
Long-tailed Duck	2004	92	0	233
Long-tailed Duck	2005	329	25	850
Long-tailed Duck	2007	38	6	85
Long-tailed Duck	2010	138	3	409
Long-tailed Duck	2012	11	0	25
Long-tailed Duck	2014	79	3	197
Long-tailed Duck	2016	58	0	172
Long-tailed Duck	2018	0	0	0
Long-tailed Duck	2022	9	0	31
Long-tailed Duck	2023	0	0	0
Long-tailed Duck	2025	0	0	0
Long-tailed Jaeger	1989	0	0	0
Long-tailed Jaeger	1990	4	0	15
Long-tailed Jaeger	1991	63	0	182
Long-tailed Jaeger	1993	75	0	243
Long-tailed Jaeger	1996	0	0	0
Long-tailed Jaeger	1998	4	0	14
Long-tailed Jaeger	2000	0	0	0
Long-tailed Jaeger	2004	106	0	272
Long-tailed Jaeger	2005	53	0	168
Long-tailed Jaeger	2007	0	0	0
Long-tailed Jaeger	2010	0	0	0
Long-tailed Jaeger	2012	0	0	0
Long-tailed Jaeger	2014	0	0	0
Long-tailed Jaeger	2016	0	0	0
Long-tailed Jaeger	2018	0	0	0
Long-tailed Jaeger	2022	0	0	0
Long-tailed Jaeger	2023	0	0	0
Long-tailed Jaeger	2025	0	0	0
Mallard	1989	269	4	730
Mallard	1990	207	3	529
Mallard	1991	457	153	832



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Mallard	1993	30	0	89
Mallard	1996	446	195	769
Mallard	1998	115	13	262
Mallard	2000	36	0	106
Mallard	2004	175	0	443
Mallard	2005	42	0	114
Mallard	2007	999	280	1920
Mallard	2010	702	86	1664
Mallard	2012	85	6	188
Mallard	2014	227	48	451
Mallard	2016	402	35	1055
Mallard	2018	539	27	1183
Mallard	2022	535	58	1205
Mallard	2023	530	165	982
Mallard	2025	229	35	515
Marbled Murrelet	1989	58989	46533	73432
Marbled Murrelet	1990	39486	29659	52022
Marbled Murrelet	1991	42477	33112	53182
Marbled Murrelet	1993	14177	9559	20476
Marbled Murrelet	1996	66124	48444	85798
Marbled Murrelet	1998	50217	40064	61448
Marbled Murrelet	2000	52459	38683	72061
Marbled Murrelet	2004	35745	27732	45444
Marbled Murrelet	2005	34361	27297	43683
Marbled Murrelet	2007	28959	21015	39056
Marbled Murrelet	2010	50123	34181	69308
Marbled Murrelet	2012	51299	38102	66542
Marbled Murrelet	2014	63447	37236	107297
Marbled Murrelet	2016	47425	33976	63599
Marbled Murrelet	2018	43552	28233	63668
Marbled Murrelet	2022	32029	25434	40420
Marbled Murrelet	2023	46244	37067	57520
Marbled Murrelet	2025	37115	28860	47647



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Mew Gull	1989	5754	3842	8158
Mew Gull	1990	8254	5220	12172
Mew Gull	1991	3278	2200	4617
Mew Gull	1993	5353	3885	6942
Mew Gull	1996	15817	9865	24650
Mew Gull	1998	5651	3890	7681
Mew Gull	2000	6500	4633	8698
Mew Gull	2004	3062	1980	4277
Mew Gull	2005	2412	1554	3430
Mew Gull	2007	5309	3282	7705
Mew Gull	2010	3962	2567	5542
Mew Gull	2012	6500	3972	9790
Mew Gull	2014	8072	3376	15076
Mew Gull	2016	7435	2127	16733
Mew Gull	2018	3970	2322	6116
Mew Gull	2022	2562	1647	3624
Mew Gull	2023	3920	2545	5516
Mew Gull	2025	3633	2493	4965
Mink	1989	0	0	0
Mink	1990	0	0	0
Mink	1991	0	0	0
Mink	1993	8	0	20
Mink	1996	3	0	9
Mink	1998	0	0	0
Mink	2000	6	0	19
Mink	2004	0	0	0
Mink	2005	0	0	0
Mink	2007	0	0	0
Mink	2010	0	0	0
Mink	2012	0	0	0
Mink	2014	0	0	0
Mink	2016	0	0	0
Mink	2018	0	0	0



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Mink	2022	0	0	0
Mink	2023	0	0	0
Mink	2025	3	0	9
Minke Whale	1989	0	0	0
Minke Whale	1990	0	0	0
Minke Whale	1991	39	0	128
Minke Whale	1993	0	0	0
Minke Whale	1996	0	0	0
Minke Whale	1998	0	0	0
Minke Whale	2000	0	0	0
Minke Whale	2004	0	0	0
Minke Whale	2005	38	0	124
Minke Whale	2007	0	0	0
Minke Whale	2010	0	0	0
Minke Whale	2012	41	0	132
Minke Whale	2014	0	0	0
Minke Whale	2016	0	0	0
Minke Whale	2018	0	0	0
Minke Whale	2022	0	0	0
Minke Whale	2023	0	0	0
Minke Whale	2025	3	0	11
Northwestern Crow	1989	1502	877	2233
Northwestern Crow	1990	1638	1076	2314
Northwestern Crow	1991	2061	1421	2803
Northwestern Crow	1993	1944	1329	2661
Northwestern Crow	1996	2574	1840	3414
Northwestern Crow	1998	2620	2029	3256
Northwestern Crow	2000	2357	1782	2974
Northwestern Crow	2004	1370	963	1873
Northwestern Crow	2005	1905	1438	2425
Northwestern Crow	2007	1882	1390	2484
Northwestern Crow	2010	2685	2062	3362
Northwestern Crow	2012	2781	2114	3553



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Northwestern Crow	2014	3605	2787	4516
Northwestern Crow	2016	2532	1782	3406
Northwestern Crow	2018	5339	3600	7530
Northwestern Crow	2022	2821	2034	3682
Northwestern Crow	2023	3621	2948	4357
Northwestern Crow	2025	2753	2082	3576
Northern Fur Seal	1989	0	0	0
Northern Fur Seal	1990	0	0	0
Northern Fur Seal	1991	0	0	0
Northern Fur Seal	1993	0	0	0
Northern Fur Seal	1996	40	0	132
Northern Fur Seal	1998	0	0	0
Northern Fur Seal	2000	0	0	0
Northern Fur Seal	2004	0	0	0
Northern Fur Seal	2005	0	0	0
Northern Fur Seal	2007	0	0	0
Northern Fur Seal	2010	0	0	0
Northern Fur Seal	2012	0	0	0
Northern Fur Seal	2014	0	0	0
Northern Fur Seal	2016	0	0	0
Northern Fur Seal	2018	0	0	0
Northern Fur Seal	2022	0	0	0
Northern Fur Seal	2023	0	0	0
Northern Fur Seal	2025	0	0	0
Northern Fulmar	1989	0	0	0
Northern Fulmar	1990	39	0	125
Northern Fulmar	1991	0	0	0
Northern Fulmar	1993	41	0	130
Northern Fulmar	1996	1944	837	3291
Northern Fulmar	1998	4	0	15
Northern Fulmar	2000	113	0	286
Northern Fulmar	2004	0	0	0
Northern Fulmar	2005	0	0	0



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Northern Fulmar	2007	38	0	123
Northern Fulmar	2010	107	0	355
Northern Fulmar	2012	0	0	0
Northern Fulmar	2014	0	0	0
Northern Fulmar	2016	0	0	0
Northern Fulmar	2018	61	0	185
Northern Fulmar	2022	0	0	0
Northern Fulmar	2023	0	0	0
Northern Fulmar	2025	0	0	0
Northern Goshawk	1989	0	0	0
Northern Goshawk	1990	0	0	0
Northern Goshawk	1991	0	0	0
Northern Goshawk	1993	0	0	0
Northern Goshawk	1996	0	0	0
Northern Goshawk	1998	0	0	0
Northern Goshawk	2000	0	0	0
Northern Goshawk	2004	0	0	0
Northern Goshawk	2005	0	0	0
Northern Goshawk	2007	0	0	0
Northern Goshawk	2010	0	0	0
Northern Goshawk	2012	0	0	0
Northern Goshawk	2014	0	0	0
Northern Goshawk	2016	3	0	11
Northern Goshawk	2018	0	0	0
Northern Goshawk	2022	0	0	0
Northern Goshawk	2023	0	0	0
Northern Goshawk	2025	0	0	0
Northern Pintail	1989	0	0	0
Northern Pintail	1990	44	0	140
Northern Pintail	1991	0	0	0
Northern Pintail	1993	0	0	0
Northern Pintail	1996	0	0	0
Northern Pintail	1998	0	0	0



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Northern Pintail	2000	0	0	0
Northern Pintail	2004	0	0	0
Northern Pintail	2005	0	0	0
Northern Pintail	2007	0	0	0
Northern Pintail	2010	0	0	0
Northern Pintail	2012	0	0	0
Northern Pintail	2014	58	0	158
Northern Pintail	2016	0	0	0
Northern Pintail	2018	0	0	0
Northern Pintail	2022	0	0	0
Northern Pintail	2023	3	0	11
Northern Pintail	2025	0	0	0
Northern Shoveler	1989	0	0	0
Northern Shoveler	1990	0	0	0
Northern Shoveler	1991	23	0	72
Northern Shoveler	1993	0	0	0
Northern Shoveler	1996	0	0	0
Northern Shoveler	1998	0	0	0
Northern Shoveler	2000	261	0	593
Northern Shoveler	2004	7	0	23
Northern Shoveler	2005	0	0	0
Northern Shoveler	2007	90	0	235
Northern Shoveler	2010	0	0	0
Northern Shoveler	2012	131	0	340
Northern Shoveler	2014	31	0	85
Northern Shoveler	2016	7	0	22
Northern Shoveler	2018	0	0	0
Northern Shoveler	2022	0	0	0
Northern Shoveler	2023	3	0	11
Northern Shoveler	2025	10	0	33
Orange-crowned Warbler	1989	0	0	0
Orange-crowned Warbler	1990	0	0	0
Orange-crowned Warbler	1991	0	0	0



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Orange-crowned Warbler	1993	0	0	0
Orange-crowned Warbler	1996	0	0	0
Orange-crowned Warbler	1998	0	0	0
Orange-crowned Warbler	2000	0	0	0
Orange-crowned Warbler	2004	0	0	0
Orange-crowned Warbler	2005	0	0	0
Orange-crowned Warbler	2007	0	0	0
Orange-crowned Warbler	2010	0	0	0
Orange-crowned Warbler	2012	8	0	20
Orange-crowned Warbler	2014	0	0	0
Orange-crowned Warbler	2016	0	0	0
Orange-crowned Warbler	2018	0	0	0
Orange-crowned Warbler	2022	0	0	0
Orange-crowned Warbler	2023	16	0	41
Orange-crowned Warbler	2025	0	0	0
Parakeet Auklet	1989	485	0	1351
Parakeet Auklet	1990	842	273	1480
Parakeet Auklet	1991	7	0	22
Parakeet Auklet	1993	725	112	1612
Parakeet Auklet	1996	923	368	1539
Parakeet Auklet	1998	590	153	1163
Parakeet Auklet	2000	462	0	1120
Parakeet Auklet	2004	0	0	0
Parakeet Auklet	2005	0	0	0
Parakeet Auklet	2007	0	0	0
Parakeet Auklet	2010	53	0	177
Parakeet Auklet	2012	0	0	0
Parakeet Auklet	2014	42	0	135
Parakeet Auklet	2016	0	0	0
Parakeet Auklet	2018	0	0	0
Parakeet Auklet	2022	0	0	0
Parakeet Auklet	2023	75	0	247
Parakeet Auklet	2025	392	0	1073



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Parasitic Jaeger	1989	510	190	880
Parasitic Jaeger	1990	56	0	189
Parasitic Jaeger	1991	371	112	698
Parasitic Jaeger	1993	127	8	265
Parasitic Jaeger	1996	481	56	1095
Parasitic Jaeger	1998	9	0	30
Parasitic Jaeger	2000	213	33	441
Parasitic Jaeger	2004	247	5	622
Parasitic Jaeger	2005	180	0	400
Parasitic Jaeger	2007	374	43	915
Parasitic Jaeger	2010	185	37	369
Parasitic Jaeger	2012	248	38	549
Parasitic Jaeger	2014	42	0	138
Parasitic Jaeger	2016	523	89	1118
Parasitic Jaeger	2018	1293	577	2084
Parasitic Jaeger	2022	243	0	607
Parasitic Jaeger	2023	224	45	459
Parasitic Jaeger	2025	250	41	571
Pacific Loon	1989	0	0	0
Pacific Loon	1990	80	0	208
Pacific Loon	1991	86	17	183
Pacific Loon	1993	90	14	208
Pacific Loon	1996	377	88	756
Pacific Loon	1998	51	12	102
Pacific Loon	2000	13	0	37
Pacific Loon	2004	102	28	203
Pacific Loon	2005	118	8	276
Pacific Loon	2007	69	0	201
Pacific Loon	2010	147	32	301
Pacific Loon	2012	124	13	263
Pacific Loon	2014	439	82	902
Pacific Loon	2016	671	6	2123
Pacific Loon	2018	138	5	345



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Pacific Loon	2022	155	24	426
Pacific Loon	2023	119	13	268
Pacific Loon	2025	129	20	284
Unidentified Passerine	1989	27	3	66
Unidentified Passerine	1990	12	0	34
Unidentified Passerine	1991	42	17	73
Unidentified Passerine	1993	31	8	59
Unidentified Passerine	1996	0	0	0
Unidentified Passerine	1998	0	0	0
Unidentified Passerine	2000	3	0	11
Unidentified Passerine	2004	0	0	0
Unidentified Passerine	2005	6	0	16
Unidentified Passerine	2007	7	0	19
Unidentified Passerine	2010	45	19	79
Unidentified Passerine	2012	84	7	220
Unidentified Passerine	2014	160	50	331
Unidentified Passerine	2016	0	0	0
Unidentified Passerine	2018	34	14	57
Unidentified Passerine	2022	0	0	0
Unidentified Passerine	2023	0	0	0
Unidentified Passerine	2025	3	0	9
Pacific Wren	1989	0	0	0
Pacific Wren	1990	0	0	0
Pacific Wren	1991	0	0	0
Pacific Wren	1993	0	0	0
Pacific Wren	1996	0	0	0
Pacific Wren	1998	0	0	0
Pacific Wren	2000	0	0	0
Pacific Wren	2004	0	0	0
Pacific Wren	2005	0	0	0
Pacific Wren	2007	0	0	0
Pacific Wren	2010	0	0	0
Pacific Wren	2012	0	0	0



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Pacific Wren	2014	0	0	0
Pacific Wren	2016	0	0	0
Pacific Wren	2018	0	0	0
Pacific Wren	2022	3	0	11
Pacific Wren	2023	0	0	0
Pacific Wren	2025	0	0	0
Pelagic Cormorant	1989	397	103	762
Pelagic Cormorant	1990	138	53	249
Pelagic Cormorant	1991	512	177	970
Pelagic Cormorant	1993	1351	649	2251
Pelagic Cormorant	1996	263	56	540
Pelagic Cormorant	1998	44	12	85
Pelagic Cormorant	2000	233	17	653
Pelagic Cormorant	2004	2339	1242	3765
Pelagic Cormorant	2005	2184	1236	3378
Pelagic Cormorant	2007	1357	350	2677
Pelagic Cormorant	2010	988	547	1527
Pelagic Cormorant	2012	913	378	1598
Pelagic Cormorant	2014	1518	434	3135
Pelagic Cormorant	2016	2585	1120	4421
Pelagic Cormorant	2018	268	67	602
Pelagic Cormorant	2022	1493	851	2324
Pelagic Cormorant	2023	1105	559	1886
Pelagic Cormorant	2025	565	283	919
Peregrine Falcon	1989	0	0	0
Peregrine Falcon	1990	0	0	0
Peregrine Falcon	1991	0	0	0
Peregrine Falcon	1993	0	0	0
Peregrine Falcon	1996	6	0	16
Peregrine Falcon	1998	3	0	11
Peregrine Falcon	2000	7	0	20
Peregrine Falcon	2004	0	0	0
Peregrine Falcon	2005	0	0	0



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Peregrine Falcon	2007	3	0	9
Peregrine Falcon	2010	0	0	0
Peregrine Falcon	2012	4	0	14
Peregrine Falcon	2014	0	0	0
Peregrine Falcon	2016	0	0	0
Peregrine Falcon	2018	0	0	0
Peregrine Falcon	2022	0	0	0
Peregrine Falcon	2023	0	0	0
Peregrine Falcon	2025	0	0	0
Pine Grosbeak	1989	0	0	0
Pine Grosbeak	1990	7	0	22
Pine Grosbeak	1991	0	0	0
Pine Grosbeak	1993	0	0	0
Pine Grosbeak	1996	0	0	0
Pine Grosbeak	1998	0	0	0
Pine Grosbeak	2000	0	0	0
Pine Grosbeak	2004	0	0	0
Pine Grosbeak	2005	7	0	23
Pine Grosbeak	2007	0	0	0
Pine Grosbeak	2010	0	0	0
Pine Grosbeak	2012	3	0	11
Pine Grosbeak	2014	0	0	0
Pine Grosbeak	2016	0	0	0
Pine Grosbeak	2018	0	0	0
Pine Grosbeak	2022	0	0	0
Pine Grosbeak	2023	0	0	0
Pine Grosbeak	2025	0	0	0
Pigeon Guillemot	1989	4040	2581	5830
Pigeon Guillemot	1990	2961	2170	3931
Pigeon Guillemot	1991	6625	3153	13398
Pigeon Guillemot	1993	3947	2895	5122
Pigeon Guillemot	1996	3214	2202	4342
Pigeon Guillemot	1998	3521	2633	4567



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Pigeon Guillemot	2000	1884	1292	2593
Pigeon Guillemot	2004	2233	1546	3076
Pigeon Guillemot	2005	2150	1508	2865
Pigeon Guillemot	2007	2079	1413	2884
Pigeon Guillemot	2010	2544	1717	3511
Pigeon Guillemot	2012	2292	1320	3657
Pigeon Guillemot	2014	1899	1235	2728
Pigeon Guillemot	2016	1917	1320	2603
Pigeon Guillemot	2018	3381	1560	6123
Pigeon Guillemot	2022	2184	1489	3101
Pigeon Guillemot	2023	2243	1602	2991
Pigeon Guillemot	2025	2693	1396	4350
Pine Siskin	1989	0	0	0
Pine Siskin	1990	0	0	0
Pine Siskin	1991	0	0	0
Pine Siskin	1993	0	0	0
Pine Siskin	1996	4	0	15
Pine Siskin	1998	0	0	0
Pine Siskin	2000	0	0	0
Pine Siskin	2004	0	0	0
Pine Siskin	2005	0	0	0
Pine Siskin	2007	0	0	0
Pine Siskin	2010	0	0	0
Pine Siskin	2012	0	0	0
Pine Siskin	2014	0	0	0
Pine Siskin	2016	0	0	0
Pine Siskin	2018	0	0	0
Pine Siskin	2022	0	0	0
Pine Siskin	2023	0	0	0
Pine Siskin	2025	0	0	0
Pomarine Jaeger	1989	1525	694	2523
Pomarine Jaeger	1990	699	288	1194
Pomarine Jaeger	1991	0	0	0



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Pomarine Jaeger	1993	369	107	687
Pomarine Jaeger	1996	144	0	321
Pomarine Jaeger	1998	40	0	131
Pomarine Jaeger	2000	0	0	0
Pomarine Jaeger	2004	122	0	325
Pomarine Jaeger	2005	0	0	0
Pomarine Jaeger	2007	0	0	0
Pomarine Jaeger	2010	0	0	0
Pomarine Jaeger	2012	122	0	263
Pomarine Jaeger	2014	0	0	0
Pomarine Jaeger	2016	48	0	147
Pomarine Jaeger	2018	502	185	839
Pomarine Jaeger	2022	0	0	0
Pomarine Jaeger	2023	0	0	0
Pomarine Jaeger	2025	0	0	0
Porcupine	1989	0	0	0
Porcupine	1990	3	0	9
Porcupine	1991	0	0	0
Porcupine	1993	3	0	11
Porcupine	1996	0	0	0
Porcupine	1998	0	0	0
Porcupine	2000	0	0	0
Porcupine	2004	0	0	0
Porcupine	2005	0	0	0
Porcupine	2007	0	0	0
Porcupine	2010	0	0	0
Porcupine	2012	0	0	0
Porcupine	2014	0	0	0
Porcupine	2016	0	0	0
Porcupine	2018	0	0	0
Porcupine	2022	0	0	0
Porcupine	2023	0	0	0
Porcupine	2025	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Pelagic or Red-faced Cormorant	1989	0	0	0
Pelagic or Red-faced Cormorant	1990	0	0	0
Pelagic or Red-faced Cormorant	1991	0	0	0
Pelagic or Red-faced Cormorant	1993	0	0	0
Pelagic or Red-faced Cormorant	1996	1067	64	3168
Pelagic or Red-faced Cormorant	1998	702	100	1598
Pelagic or Red-faced Cormorant	2000	580	36	1594
Pelagic or Red-faced Cormorant	2004	78	11	173
Pelagic or Red-faced Cormorant	2005	9	0	24
Pelagic or Red-faced Cormorant	2007	215	30	491
Pelagic or Red-faced Cormorant	2010	515	0	1556
Pelagic or Red-faced Cormorant	2012	62	3	169
Pelagic or Red-faced Cormorant	2014	6	0	15
Pelagic or Red-faced Cormorant	2016	1848	24	5706
Pelagic or Red-faced Cormorant	2018	0	0	0
Pelagic or Red-faced Cormorant	2022	65	18	125
Pelagic or Red-faced Cormorant	2023	9	0	28
Pelagic or Red-faced Cormorant	2025	0	0	0
Red-breasted Merganser	1989	0	0	0
Red-breasted Merganser	1990	106	29	213
Red-breasted Merganser	1991	0	0	0
Red-breasted Merganser	1993	352	123	651
Red-breasted Merganser	1996	18	0	47
Red-breasted Merganser	1998	69	14	156
Red-breasted Merganser	2000	58	18	108
Red-breasted Merganser	2004	446	135	882
Red-breasted Merganser	2005	736	105	1875
Red-breasted Merganser	2007	44	9	92
Red-breasted Merganser	2010	155	0	400
Red-breasted Merganser	2012	521	40	1297
Red-breasted Merganser	2014	421	240	625
Red-breasted Merganser	2016	26	0	86
Red-breasted Merganser	2018	204	55	412



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Red-breasted Merganser	2022	91	26	172
Red-breasted Merganser	2023	171	32	387
Red-breasted Merganser	2025	1086	659	1598
Ribbon Seal	1989	0	0	0
Ribbon Seal	1990	0	0	0
Ribbon Seal	1991	0	0	0
Ribbon Seal	1993	0	0	0
Ribbon Seal	1996	0	0	0
Ribbon Seal	1998	0	0	0
Ribbon Seal	2000	0	0	0
Ribbon Seal	2004	0	0	0
Ribbon Seal	2005	0	0	0
Ribbon Seal	2007	0	0	0
Ribbon Seal	2010	0	0	0
Ribbon Seal	2012	0	0	0
Ribbon Seal	2014	7	0	22
Ribbon Seal	2016	0	0	0
Ribbon Seal	2018	0	0	0
Ribbon Seal	2022	0	0	0
Ribbon Seal	2023	0	0	0
Ribbon Seal	2025	0	0	0
Red Crossbill	1989	0	0	0
Red Crossbill	1990	0	0	0
Red Crossbill	1991	0	0	0
Red Crossbill	1993	0	0	0
Red Crossbill	1996	0	0	0
Red Crossbill	1998	0	0	0
Red Crossbill	2000	0	0	0
Red Crossbill	2004	0	0	0
Red Crossbill	2005	0	0	0
Red Crossbill	2007	0	0	0
Red Crossbill	2010	0	0	0
Red Crossbill	2012	4	0	15



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Red Crossbill	2014	0	0	0
Red Crossbill	2016	0	0	0
Red Crossbill	2018	0	0	0
Red Crossbill	2022	0	0	0
Red Crossbill	2023	0	0	0
Red Crossbill	2025	0	0	0
Redhead	1989	0	0	0
Redhead	1990	0	0	0
Redhead	1991	0	0	0
Redhead	1993	0	0	0
Redhead	1996	0	0	0
Redhead	1998	0	0	0
Redhead	2000	0	0	0
Redhead	2004	0	0	0
Redhead	2005	0	0	0
Redhead	2007	0	0	0
Redhead	2010	0	0	0
Redhead	2012	0	0	0
Redhead	2014	0	0	0
Redhead	2016	6	0	18
Redhead	2018	0	0	0
Redhead	2022	0	0	0
Redhead	2023	0	0	0
Redhead	2025	0	0	0
Red Phalarope	1989	0	0	0
Red Phalarope	1990	0	0	0
Red Phalarope	1991	0	0	0
Red Phalarope	1993	0	0	0
Red Phalarope	1996	0	0	0
Red Phalarope	1998	0	0	0
Red Phalarope	2000	0	0	0
Red Phalarope	2004	259	0	878
Red Phalarope	2005	0	0	0



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Red Phalarope	2007	0	0	0
Red Phalarope	2010	0	0	0
Red Phalarope	2012	892	0	2837
Red Phalarope	2014	0	0	0
Red Phalarope	2016	0	0	0
Red Phalarope	2018	0	0	0
Red Phalarope	2022	0	0	0
Red Phalarope	2023	78	0	252
Red Phalarope	2025	0	0	0
Red-faced Cormorant	1989	22	0	57
Red-faced Cormorant	1990	0	0	0
Red-faced Cormorant	1991	0	0	0
Red-faced Cormorant	1993	15	0	38
Red-faced Cormorant	1996	11	0	37
Red-faced Cormorant	1998	6	0	19
Red-faced Cormorant	2000	140	0	459
Red-faced Cormorant	2004	94	0	241
Red-faced Cormorant	2005	105	0	338
Red-faced Cormorant	2007	395	0	1252
Red-faced Cormorant	2010	137	0	409
Red-faced Cormorant	2012	115	4	271
Red-faced Cormorant	2014	8	0	23
Red-faced Cormorant	2016	0	0	0
Red-faced Cormorant	2018	267	3	615
Red-faced Cormorant	2022	0	0	0
Red-faced Cormorant	2023	0	0	0
Red-faced Cormorant	2025	0	0	0
Rhinoceros Auklet	1989	0	0	0
Rhinoceros Auklet	1990	0	0	0
Rhinoceros Auklet	1991	0	0	0
Rhinoceros Auklet	1993	0	0	0
Rhinoceros Auklet	1996	0	0	0
Rhinoceros Auklet	1998	0	0	0



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Rhinoceros Auklet	2000	0	0	0
Rhinoceros Auklet	2004	3	0	9
Rhinoceros Auklet	2005	53	0	176
Rhinoceros Auklet	2007	0	0	0
Rhinoceros Auklet	2010	147	0	405
Rhinoceros Auklet	2012	107	0	359
Rhinoceros Auklet	2014	87	0	217
Rhinoceros Auklet	2016	0	0	0
Rhinoceros Auklet	2018	2420	0	8460
Rhinoceros Auklet	2022	0	0	0
Rhinoceros Auklet	2023	2623	114	7667
Rhinoceros Auklet	2025	1252	3	2990
River Otter	1989	9	0	30
River Otter	1990	15	0	43
River Otter	1991	23	3	56
River Otter	1993	77	30	135
River Otter	1996	135	47	241
River Otter	1998	46	18	83
River Otter	2000	77	32	130
River Otter	2004	30	3	71
River Otter	2005	37	11	73
River Otter	2007	41	0	93
River Otter	2010	51	12	104
River Otter	2012	86	35	147
River Otter	2014	85	13	219
River Otter	2016	56	13	124
River Otter	2018	56	23	98
River Otter	2022	70	11	149
River Otter	2023	28	7	55
River Otter	2025	37	6	76
Rough-legged Hawk	1989	0	0	0
Rough-legged Hawk	1990	0	0	0
Rough-legged Hawk	1991	3	0	10



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Rough-legged Hawk	1993	0	0	0
Rough-legged Hawk	1996	0	0	0
Rough-legged Hawk	1998	0	0	0
Rough-legged Hawk	2000	0	0	0
Rough-legged Hawk	2004	0	0	0
Rough-legged Hawk	2005	0	0	0
Rough-legged Hawk	2007	0	0	0
Rough-legged Hawk	2010	0	0	0
Rough-legged Hawk	2012	0	0	0
Rough-legged Hawk	2014	0	0	0
Rough-legged Hawk	2016	0	0	0
Rough-legged Hawk	2018	0	0	0
Rough-legged Hawk	2022	0	0	0
Rough-legged Hawk	2023	0	0	0
Rough-legged Hawk	2025	0	0	0
Red-necked Grebe	1989	0	0	0
Red-necked Grebe	1990	20	0	58
Red-necked Grebe	1991	50	10	101
Red-necked Grebe	1993	31	3	69
Red-necked Grebe	1996	70	14	162
Red-necked Grebe	1998	109	20	248
Red-necked Grebe	2000	36	3	81
Red-necked Grebe	2004	88	7	223
Red-necked Grebe	2005	49	0	143
Red-necked Grebe	2007	72	10	154
Red-necked Grebe	2010	30	5	61
Red-necked Grebe	2012	20	0	54
Red-necked Grebe	2014	14	0	39
Red-necked Grebe	2016	0	0	0
Red-necked Grebe	2018	10	0	30
Red-necked Grebe	2022	3	0	11
Red-necked Grebe	2023	0	0	0
Red-necked Grebe	2025	78	6	214



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Red-necked Phalarope	1989	9816	1601	22412
Red-necked Phalarope	1990	2414	1045	4022
Red-necked Phalarope	1991	19218	1328	58953
Red-necked Phalarope	1993	1938	9	4287
Red-necked Phalarope	1996	9297	4595	15488
Red-necked Phalarope	1998	2790	798	5304
Red-necked Phalarope	2000	0	0	0
Red-necked Phalarope	2004	143	0	405
Red-necked Phalarope	2005	273	0	881
Red-necked Phalarope	2007	4360	1318	7801
Red-necked Phalarope	2010	12581	908	36221
Red-necked Phalarope	2012	753	130	1611
Red-necked Phalarope	2014	474	104	938
Red-necked Phalarope	2016	0	0	0
Red-necked Phalarope	2018	2128	346	5020
Red-necked Phalarope	2022	14168	2560	33786
Red-necked Phalarope	2023	2144	699	3849
Red-necked Phalarope	2025	10619	1354	22963
Rock Sandpiper	1989	0	0	0
Rock Sandpiper	1990	0	0	0
Rock Sandpiper	1991	0	0	0
Rock Sandpiper	1993	109	0	301
Rock Sandpiper	1996	3	0	9
Rock Sandpiper	1998	0	0	0
Rock Sandpiper	2000	0	0	0
Rock Sandpiper	2004	0	0	0
Rock Sandpiper	2005	0	0	0
Rock Sandpiper	2007	4	0	15
Rock Sandpiper	2010	4	0	14
Rock Sandpiper	2012	41	0	133
Rock Sandpiper	2014	0	0	0
Rock Sandpiper	2016	0	0	0
Rock Sandpiper	2018	0	0	0



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Rock Sandpiper	2022	4	0	14
Rock Sandpiper	2023	4	0	15
Rock Sandpiper	2025	0	0	0
Red-tailed Hawk	1989	4	0	15
Red-tailed Hawk	1990	7	0	16
Red-tailed Hawk	1991	0	0	0
Red-tailed Hawk	1993	0	0	0
Red-tailed Hawk	1996	0	0	0
Red-tailed Hawk	1998	0	0	0
Red-tailed Hawk	2000	0	0	0
Red-tailed Hawk	2004	0	0	0
Red-tailed Hawk	2005	0	0	0
Red-tailed Hawk	2007	0	0	0
Red-tailed Hawk	2010	0	0	0
Red-tailed Hawk	2012	0	0	0
Red-tailed Hawk	2014	3	0	11
Red-tailed Hawk	2016	0	0	0
Red-tailed Hawk	2018	0	0	0
Red-tailed Hawk	2022	0	0	0
Red-tailed Hawk	2023	0	0	0
Red-tailed Hawk	2025	0	0	0
Red-throated Loon	1989	132	11	313
Red-throated Loon	1990	3	0	10
Red-throated Loon	1991	110	0	375
Red-throated Loon	1993	13	0	35
Red-throated Loon	1996	0	0	0
Red-throated Loon	1998	58	0	163
Red-throated Loon	2000	57	0	157
Red-throated Loon	2004	9	0	24
Red-throated Loon	2005	43	4	100
Red-throated Loon	2007	125	29	267
Red-throated Loon	2010	175	19	426
Red-throated Loon	2012	61	18	116



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Red-throated Loon	2014	213	25	512
Red-throated Loon	2016	3	0	9
Red-throated Loon	2018	81	0	272
Red-throated Loon	2022	29	5	61
Red-throated Loon	2023	37	7	75
Red-throated Loon	2025	61	15	119
Rufous Hummingbird	1989	54	0	186
Rufous Hummingbird	1990	0	0	0
Rufous Hummingbird	1991	0	0	0
Rufous Hummingbird	1993	0	0	0
Rufous Hummingbird	1996	10	0	22
Rufous Hummingbird	1998	6	0	15
Rufous Hummingbird	2000	0	0	0
Rufous Hummingbird	2004	3	0	9
Rufous Hummingbird	2005	0	0	0
Rufous Hummingbird	2007	7	0	19
Rufous Hummingbird	2010	8	0	20
Rufous Hummingbird	2012	11	0	24
Rufous Hummingbird	2014	5	0	15
Rufous Hummingbird	2016	6	0	16
Rufous Hummingbird	2018	0	0	0
Rufous Hummingbird	2022	0	0	0
Rufous Hummingbird	2023	56	0	181
Rufous Hummingbird	2025	0	0	0
Ruddy Turnstone	1989	0	0	0
Ruddy Turnstone	1990	0	0	0
Ruddy Turnstone	1991	0	0	0
Ruddy Turnstone	1993	0	0	0
Ruddy Turnstone	1996	134	0	399
Ruddy Turnstone	1998	0	0	0
Ruddy Turnstone	2000	0	0	0
Ruddy Turnstone	2004	0	0	0
Ruddy Turnstone	2005	0	0	0



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Ruddy Turnstone	2007	0	0	0
Ruddy Turnstone	2010	4	0	15
Ruddy Turnstone	2012	0	0	0
Ruddy Turnstone	2014	0	0	0
Ruddy Turnstone	2016	0	0	0
Ruddy Turnstone	2018	3	0	10
Ruddy Turnstone	2022	0	0	0
Ruddy Turnstone	2023	0	0	0
Ruddy Turnstone	2025	0	0	0
Sandhill Crane	1989	0	0	0
Sandhill Crane	1990	0	0	0
Sandhill Crane	1991	0	0	0
Sandhill Crane	1993	0	0	0
Sandhill Crane	1996	0	0	0
Sandhill Crane	1998	0	0	0
Sandhill Crane	2000	0	0	0
Sandhill Crane	2004	0	0	0
Sandhill Crane	2005	0	0	0
Sandhill Crane	2007	0	0	0
Sandhill Crane	2010	0	0	0
Sandhill Crane	2012	0	0	0
Sandhill Crane	2014	0	0	0
Sandhill Crane	2016	31	0	106
Sandhill Crane	2018	0	0	0
Sandhill Crane	2022	0	0	0
Sandhill Crane	2023	0	0	0
Sandhill Crane	2025	0	0	0
Sabines Gull	1989	0	0	0
Sabines Gull	1990	0	0	0
Sabines Gull	1991	0	0	0
Sabines Gull	1993	0	0	0
Sabines Gull	1996	0	0	0
Sabines Gull	1998	127	0	394



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Sabines Gull	2000	0	0	0
Sabines Gull	2004	0	0	0
Sabines Gull	2005	0	0	0
Sabines Gull	2007	0	0	0
Sabines Gull	2010	0	0	0
Sabines Gull	2012	55	0	179
Sabines Gull	2014	0	0	0
Sabines Gull	2016	0	0	0
Sabines Gull	2018	5	0	16
Sabines Gull	2022	0	0	0
Sabines Gull	2023	0	0	0
Sabines Gull	2025	0	0	0
Short-billed Dowitcher	1989	0	0	0
Short-billed Dowitcher	1990	0	0	0
Short-billed Dowitcher	1991	0	0	0
Short-billed Dowitcher	1993	16	0	53
Short-billed Dowitcher	1996	0	0	0
Short-billed Dowitcher	1998	0	0	0
Short-billed Dowitcher	2000	0	0	0
Short-billed Dowitcher	2004	0	0	0
Short-billed Dowitcher	2005	0	0	0
Short-billed Dowitcher	2007	0	0	0
Short-billed Dowitcher	2010	9	0	28
Short-billed Dowitcher	2012	0	0	0
Short-billed Dowitcher	2014	0	0	0
Short-billed Dowitcher	2016	0	0	0
Short-billed Dowitcher	2018	0	0	0
Short-billed Dowitcher	2022	0	0	0
Short-billed Dowitcher	2023	0	0	0
Short-billed Dowitcher	2025	0	0	0
Sitka Black-tailed Deer	1989	0	0	0
Sitka Black-tailed Deer	1990	0	0	0
Sitka Black-tailed Deer	1991	31	6	61



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Sitka Black-tailed Deer	1993	30	3	74
Sitka Black-tailed Deer	1996	41	13	75
Sitka Black-tailed Deer	1998	26	6	53
Sitka Black-tailed Deer	2000	98	16	231
Sitka Black-tailed Deer	2004	106	18	275
Sitka Black-tailed Deer	2005	36	0	89
Sitka Black-tailed Deer	2007	35	5	73
Sitka Black-tailed Deer	2010	86	21	171
Sitka Black-tailed Deer	2012	10	0	27
Sitka Black-tailed Deer	2014	39	9	78
Sitka Black-tailed Deer	2016	11	0	31
Sitka Black-tailed Deer	2018	19	0	48
Sitka Black-tailed Deer	2022	32	8	63
Sitka Black-tailed Deer	2023	34	6	75
Sitka Black-tailed Deer	2025	85	27	158
Sea Otter	1989	8082	5938	10787
Sea Otter	1990	6648	3828	10587
Sea Otter	1991	6634	4585	9281
Sea Otter	1993	8216	5627	11297
Sea Otter	1996	10776	7177	16160
Sea Otter	1998	8111	4532	13910
Sea Otter	2000	5333	3626	7593
Sea Otter	2004	9109	3850	17190
Sea Otter	2005	5286	3184	8080
Sea Otter	2007	8287	5143	12155
Sea Otter	2010	6218	4597	8065
Sea Otter	2012	8653	6036	11862
Sea Otter	2014	6059	4557	7800
Sea Otter	2016	7197	4955	10064
Sea Otter	2018	16099	10243	23995
Sea Otter	2022	14963	8525	26683
Sea Otter	2023	10919	7588	14992
Sea Otter	2025	10145	7286	13787



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Semipalmated Plover	1989	0	0	0
Semipalmated Plover	1990	0	0	0
Semipalmated Plover	1991	0	0	0
Semipalmated Plover	1993	0	0	0
Semipalmated Plover	1996	0	0	0
Semipalmated Plover	1998	7	0	21
Semipalmated Plover	2000	0	0	0
Semipalmated Plover	2004	3	0	11
Semipalmated Plover	2005	5	0	15
Semipalmated Plover	2007	0	0	0
Semipalmated Plover	2010	18	0	57
Semipalmated Plover	2012	32	0	89
Semipalmated Plover	2014	13	0	44
Semipalmated Plover	2016	0	0	0
Semipalmated Plover	2018	3	0	11
Semipalmated Plover	2022	13	0	43
Semipalmated Plover	2023	0	0	0
Semipalmated Plover	2025	0	0	0
Semipalmated Sandpiper	1989	8	0	28
Semipalmated Sandpiper	1990	0	0	0
Semipalmated Sandpiper	1991	0	0	0
Semipalmated Sandpiper	1993	0	0	0
Semipalmated Sandpiper	1996	0	0	0
Semipalmated Sandpiper	1998	0	0	0
Semipalmated Sandpiper	2000	0	0	0
Semipalmated Sandpiper	2004	0	0	0
Semipalmated Sandpiper	2005	0	0	0
Semipalmated Sandpiper	2007	0	0	0
Semipalmated Sandpiper	2010	0	0	0
Semipalmated Sandpiper	2012	3	0	11
Semipalmated Sandpiper	2014	0	0	0
Semipalmated Sandpiper	2016	0	0	0
Semipalmated Sandpiper	2018	0	0	0



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Semipalmated Sandpiper	2022	0	0	0
Semipalmated Sandpiper	2023	0	0	0
Semipalmated Sandpiper	2025	0	0	0
Solitary Sandpiper	1989	0	0	0
Solitary Sandpiper	1990	0	0	0
Solitary Sandpiper	1991	0	0	0
Solitary Sandpiper	1993	3	0	10
Solitary Sandpiper	1996	0	0	0
Solitary Sandpiper	1998	0	0	0
Solitary Sandpiper	2000	0	0	0
Solitary Sandpiper	2004	6	0	13
Solitary Sandpiper	2005	33	0	90
Solitary Sandpiper	2007	0	0	0
Solitary Sandpiper	2010	4	0	14
Solitary Sandpiper	2012	0	0	0
Solitary Sandpiper	2014	0	0	0
Solitary Sandpiper	2016	4	0	14
Solitary Sandpiper	2018	0	0	0
Solitary Sandpiper	2022	0	0	0
Solitary Sandpiper	2023	0	0	0
Solitary Sandpiper	2025	0	0	0
Sooty Shearwater	1989	78	0	199
Sooty Shearwater	1990	0	0	0
Sooty Shearwater	1991	0	0	0
Sooty Shearwater	1993	0	0	0
Sooty Shearwater	1996	0	0	0
Sooty Shearwater	1998	18302	0	58863
Sooty Shearwater	2000	0	0	0
Sooty Shearwater	2004	0	0	0
Sooty Shearwater	2005	160	0	529
Sooty Shearwater	2007	0	0	0
Sooty Shearwater	2010	0	0	0
Sooty Shearwater	2012	0	0	0



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Sooty Shearwater	2014	0	0	0
Sooty Shearwater	2016	0	0	0
Sooty Shearwater	2018	0	0	0
Sooty Shearwater	2022	159	0	441
Sooty Shearwater	2023	0	0	0
Sooty Shearwater	2025	0	0	0
Song Sparrow	1989	0	0	0
Song Sparrow	1990	0	0	0
Song Sparrow	1991	0	0	0
Song Sparrow	1993	0	0	0
Song Sparrow	1996	0	0	0
Song Sparrow	1998	0	0	0
Song Sparrow	2000	0	0	0
Song Sparrow	2004	0	0	0
Song Sparrow	2005	0	0	0
Song Sparrow	2007	0	0	0
Song Sparrow	2010	0	0	0
Song Sparrow	2012	6	0	15
Song Sparrow	2014	6	0	16
Song Sparrow	2016	3	0	11
Song Sparrow	2018	0	0	0
Song Sparrow	2022	0	0	0
Song Sparrow	2023	7	0	20
Song Sparrow	2025	0	0	0
Spotted Sandpiper	1989	13	0	30
Spotted Sandpiper	1990	48	22	81
Spotted Sandpiper	1991	21	5	41
Spotted Sandpiper	1993	8	0	23
Spotted Sandpiper	1996	85	43	136
Spotted Sandpiper	1998	63	7	167
Spotted Sandpiper	2000	66	31	107
Spotted Sandpiper	2004	27	8	51
Spotted Sandpiper	2005	0	0	0



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Spotted Sandpiper	2007	13	3	29
Spotted Sandpiper	2010	21	0	61
Spotted Sandpiper	2012	28	7	53
Spotted Sandpiper	2014	22	6	43
Spotted Sandpiper	2016	35	15	59
Spotted Sandpiper	2018	23	3	51
Spotted Sandpiper	2022	53	25	84
Spotted Sandpiper	2023	47	21	81
Spotted Sandpiper	2025	35	13	61
Sharp-shinned Hawk	1989	0	0	0
Sharp-shinned Hawk	1990	4	0	14
Sharp-shinned Hawk	1991	0	0	0
Sharp-shinned Hawk	1993	0	0	0
Sharp-shinned Hawk	1996	0	0	0
Sharp-shinned Hawk	1998	0	0	0
Sharp-shinned Hawk	2000	0	0	0
Sharp-shinned Hawk	2004	0	0	0
Sharp-shinned Hawk	2005	0	0	0
Sharp-shinned Hawk	2007	0	0	0
Sharp-shinned Hawk	2010	0	0	0
Sharp-shinned Hawk	2012	0	0	0
Sharp-shinned Hawk	2014	0	0	0
Sharp-shinned Hawk	2016	4	0	14
Sharp-shinned Hawk	2018	0	0	0
Sharp-shinned Hawk	2022	0	0	0
Sharp-shinned Hawk	2023	0	0	0
Sharp-shinned Hawk	2025	0	0	0
Stellers Jay	1989	3	0	10
Stellers Jay	1990	4	0	15
Stellers Jay	1991	0	0	0
Stellers Jay	1993	10	0	25
Stellers Jay	1996	17	3	35
Stellers Jay	1998	63	33	97



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Stellers Jay	2000	16	0	39
Stellers Jay	2004	0	0	0
Stellers Jay	2005	15	3	33
Stellers Jay	2007	7	0	19
Stellers Jay	2010	17	0	48
Stellers Jay	2012	3	0	9
Stellers Jay	2014	39	6	89
Stellers Jay	2016	41	20	66
Stellers Jay	2018	9	0	19
Stellers Jay	2022	7	0	19
Stellers Jay	2023	9	0	25
Stellers Jay	2025	7	0	22
Steller Sea Lion	1989	2384	347	5744
Steller Sea Lion	1990	3702	711	7802
Steller Sea Lion	1991	2312	333	5706
Steller Sea Lion	1993	1000	224	2120
Steller Sea Lion	1996	953	189	2174
Steller Sea Lion	1998	954	124	2300
Steller Sea Lion	2000	834	95	1925
Steller Sea Lion	2004	481	44	1139
Steller Sea Lion	2005	511	97	1086
Steller Sea Lion	2007	472	38	1056
Steller Sea Lion	2010	500	137	979
Steller Sea Lion	2012	654	173	1263
Steller Sea Lion	2014	850	240	1636
Steller Sea Lion	2016	673	266	1187
Steller Sea Lion	2018	411	82	956
Steller Sea Lion	2022	592	221	1080
Steller Sea Lion	2023	1048	361	2004
Steller Sea Lion	2025	543	140	1130
Surfbird	1989	683	56	1816
Surfbird	1990	686	52	1632
Surfbird	1991	3880	523	8398



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Surfbird	1993	4285	571	10674
Surfbird	1996	1642	393	3283
Surfbird	1998	3789	1306	6924
Surfbird	2000	803	48	1939
Surfbird	2004	532	45	1430
Surfbird	2005	5679	160	16510
Surfbird	2007	667	144	1407
Surfbird	2010	1442	86	3363
Surfbird	2012	868	216	1736
Surfbird	2014	1815	358	3709
Surfbird	2016	1146	220	2487
Surfbird	2018	889	155	2137
Surfbird	2022	286	6	723
Surfbird	2023	2168	289	4976
Surfbird	2025	920	0	2478
Surf Scoter	1989	537	162	1020
Surf Scoter	1990	1955	246	5372
Surf Scoter	1991	1069	364	1978
Surf Scoter	1993	1980	897	3255
Surf Scoter	1996	3024	1085	5887
Surf Scoter	1998	1225	494	2196
Surf Scoter	2000	6017	2023	11533
Surf Scoter	2004	5008	1100	11260
Surf Scoter	2005	723	68	1827
Surf Scoter	2007	7550	2922	14039
Surf Scoter	2010	1144	351	2251
Surf Scoter	2012	1359	258	2864
Surf Scoter	2014	1991	488	4013
Surf Scoter	2016	5481	501	14801
Surf Scoter	2018	2811	677	5887
Surf Scoter	2022	3816	1550	6565
Surf Scoter	2023	14664	1265	38512
Surf Scoter	2025	3442	575	8810



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Thick-billed Murre	1989	0	0	0
Thick-billed Murre	1990	60	0	221
Thick-billed Murre	1991	0	0	0
Thick-billed Murre	1993	0	0	0
Thick-billed Murre	1996	165	0	437
Thick-billed Murre	1998	0	0	0
Thick-billed Murre	2000	0	0	0
Thick-billed Murre	2004	612	0	1640
Thick-billed Murre	2005	511	67	1198
Thick-billed Murre	2007	174	34	360
Thick-billed Murre	2010	434	117	816
Thick-billed Murre	2012	0	0	0
Thick-billed Murre	2014	42	0	140
Thick-billed Murre	2016	55	0	187
Thick-billed Murre	2018	0	0	0
Thick-billed Murre	2022	0	0	0
Thick-billed Murre	2023	0	0	0
Thick-billed Murre	2025	53	0	181
Tree Swallow	1989	0	0	0
Tree Swallow	1990	0	0	0
Tree Swallow	1991	0	0	0
Tree Swallow	1993	0	0	0
Tree Swallow	1996	9	0	29
Tree Swallow	1998	0	0	0
Tree Swallow	2000	0	0	0
Tree Swallow	2004	0	0	0
Tree Swallow	2005	0	0	0
Tree Swallow	2007	13	0	43
Tree Swallow	2010	0	0	0
Tree Swallow	2012	82	7	187
Tree Swallow	2014	0	0	0
Tree Swallow	2016	0	0	0
Tree Swallow	2018	7	0	22



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Tree Swallow	2022	0	0	0
Tree Swallow	2023	19	0	44
Tree Swallow	2025	49	0	162
Trumpeter Swan	1989	0	0	0
Trumpeter Swan	1990	3	0	11
Trumpeter Swan	1991	0	0	0
Trumpeter Swan	1993	0	0	0
Trumpeter Swan	1996	0	0	0
Trumpeter Swan	1998	0	0	0
Trumpeter Swan	2000	0	0	0
Trumpeter Swan	2004	46	3	106
Trumpeter Swan	2005	33	0	74
Trumpeter Swan	2007	20	0	53
Trumpeter Swan	2010	3	0	10
Trumpeter Swan	2012	0	0	0
Trumpeter Swan	2014	0	0	0
Trumpeter Swan	2016	0	0	0
Trumpeter Swan	2018	0	0	0
Trumpeter Swan	2022	0	0	0
Trumpeter Swan	2023	0	0	0
Trumpeter Swan	2025	0	0	0
Tufted Puffin	1989	2282	982	4114
Tufted Puffin	1990	3819	2134	5855
Tufted Puffin	1991	5043	2687	7844
Tufted Puffin	1993	4092	2574	5772
Tufted Puffin	1996	5770	3422	8482
Tufted Puffin	1998	4562	1736	8314
Tufted Puffin	2000	4707	1279	9628
Tufted Puffin	2004	1977	974	3202
Tufted Puffin	2005	2422	1146	3988
Tufted Puffin	2007	1355	282	3085
Tufted Puffin	2010	709	234	1307
Tufted Puffin	2012	1292	673	1970



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Tufted Puffin	2014	825	292	1509
Tufted Puffin	2016	587	94	1423
Tufted Puffin	2018	734	283	1298
Tufted Puffin	2022	730	228	1351
Tufted Puffin	2023	551	195	996
Tufted Puffin	2025	896	249	1790
Tundra Swan	1989	0	0	0
Tundra Swan	1990	0	0	0
Tundra Swan	1991	0	0	0
Tundra Swan	1993	0	0	0
Tundra Swan	1996	0	0	0
Tundra Swan	1998	0	0	0
Tundra Swan	2000	10	0	31
Tundra Swan	2004	0	0	0
Tundra Swan	2005	0	0	0
Tundra Swan	2007	0	0	0
Tundra Swan	2010	0	0	0
Tundra Swan	2012	0	0	0
Tundra Swan	2014	0	0	0
Tundra Swan	2016	0	0	0
Tundra Swan	2018	0	0	0
Tundra Swan	2022	0	0	0
Tundra Swan	2023	0	0	0
Tundra Swan	2025	0	0	0
Unidentified Alcids	1989	0	0	0
Unidentified Alcids	1990	619	248	1056
Unidentified Alcids	1991	1584	545	2920
Unidentified Alcids	1993	205	42	419
Unidentified Alcids	1996	585	216	1015
Unidentified Alcids	1998	277	71	546
Unidentified Alcids	2000	75	0	244
Unidentified Alcids	2004	351	84	670
Unidentified Alcids	2005	291	43	685



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Unidentified Alcid	2007	189	0	448
Unidentified Alcid	2010	124	0	386
Unidentified Alcid	2012	44	0	137
Unidentified Alcid	2014	63	0	215
Unidentified Alcid	2016	39	0	125
Unidentified Alcid	2018	122	0	402
Unidentified Alcid	2022	0	0	0
Unidentified Alcid	2023	0	0	0
Unidentified Alcid	2025	0	0	0
Unidentified Bird	1989	2247	1096	3726
Unidentified Bird	1990	871	412	1439
Unidentified Bird	1991	297	84	577
Unidentified Bird	1993	241	17	505
Unidentified Bird	1996	67	3	186
Unidentified Bird	1998	0	0	0
Unidentified Bird	2000	186	20	466
Unidentified Bird	2004	44	0	136
Unidentified Bird	2005	412	107	790
Unidentified Bird	2007	234	9	552
Unidentified Bird	2010	155	0	495
Unidentified Bird	2012	0	0	0
Unidentified Bird	2014	42	0	135
Unidentified Bird	2016	0	0	0
Unidentified Bird	2018	211	42	432
Unidentified Bird	2022	0	0	0
Unidentified Bird	2023	0	0	0
Unidentified Bird	2025	0	0	0
Unidentified Cormorant	1989	309	22	809
Unidentified Cormorant	1990	34	7	71
Unidentified Cormorant	1991	419	65	980
Unidentified Cormorant	1993	340	123	635
Unidentified Cormorant	1996	25	0	71
Unidentified Cormorant	1998	14	3	28



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Cormorant	2000	11	0	37
Unidentified Cormorant	2004	12	0	27
Unidentified Cormorant	2005	17	3	37
Unidentified Cormorant	2007	40	0	125
Unidentified Cormorant	2010	13	0	36
Unidentified Cormorant	2012	3	0	9
Unidentified Cormorant	2014	8	0	19
Unidentified Cormorant	2016	64	0	175
Unidentified Cormorant	2018	133	0	338
Unidentified Cormorant	2022	3	0	9
Unidentified Cormorant	2023	0	0	0
Unidentified Cormorant	2025	0	0	0
Unidentified Diving or Sea Duck	1989	381	94	787
Unidentified Diving or Sea Duck	1990	98	16	216
Unidentified Diving or Sea Duck	1991	1008	513	1625
Unidentified Diving or Sea Duck	1993	655	233	1196
Unidentified Diving or Sea Duck	1996	113	0	367
Unidentified Diving or Sea Duck	1998	0	0	0
Unidentified Diving or Sea Duck	2000	0	0	0
Unidentified Diving or Sea Duck	2004	0	0	0
Unidentified Diving or Sea Duck	2005	0	0	0
Unidentified Diving or Sea Duck	2007	59	0	186
Unidentified Diving or Sea Duck	2010	10	0	33
Unidentified Diving or Sea Duck	2012	0	0	0
Unidentified Diving or Sea Duck	2014	0	0	0
Unidentified Diving or Sea Duck	2016	0	0	0
Unidentified Diving or Sea Duck	2018	0	0	0
Unidentified Diving or Sea Duck	2022	0	0	0
Unidentified Diving or Sea Duck	2023	0	0	0
Unidentified Diving or Sea Duck	2025	0	0	0
Unidentified Duck	1989	63	0	170
Unidentified Duck	1990	0	0	0
Unidentified Duck	1991	20	0	58



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Duck	1993	4	0	14
Unidentified Duck	1996	39	0	93
Unidentified Duck	1998	87	9	215
Unidentified Duck	2000	0	0	0
Unidentified Duck	2004	72	0	212
Unidentified Duck	2005	121	0	365
Unidentified Duck	2007	321	46	651
Unidentified Duck	2010	89	12	231
Unidentified Duck	2012	191	0	609
Unidentified Duck	2014	222	37	538
Unidentified Duck	2016	29	5	61
Unidentified Duck	2018	24	3	53
Unidentified Duck	2022	49	0	157
Unidentified Duck	2023	204	0	562
Unidentified Duck	2025	36	4	81
Unidentified Eider	1989	0	0	0
Unidentified Eider	1990	0	0	0
Unidentified Eider	1991	0	0	0
Unidentified Eider	1993	0	0	0
Unidentified Eider	1996	3	0	11
Unidentified Eider	1998	0	0	0
Unidentified Eider	2000	0	0	0
Unidentified Eider	2004	0	0	0
Unidentified Eider	2005	0	0	0
Unidentified Eider	2007	0	0	0
Unidentified Eider	2010	0	0	0
Unidentified Eider	2012	0	0	0
Unidentified Eider	2014	0	0	0
Unidentified Eider	2016	0	0	0
Unidentified Eider	2018	0	0	0
Unidentified Eider	2022	0	0	0
Unidentified Eider	2023	0	0	0
Unidentified Eider	2025	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Goldeneye	1989	90	4	212
Unidentified Goldeneye	1990	203	61	391
Unidentified Goldeneye	1991	671	40	1966
Unidentified Goldeneye	1993	446	66	1085
Unidentified Goldeneye	1996	165	31	421
Unidentified Goldeneye	1998	61	23	106
Unidentified Goldeneye	2000	35	6	72
Unidentified Goldeneye	2004	44	7	96
Unidentified Goldeneye	2005	39	0	105
Unidentified Goldeneye	2007	30	4	68
Unidentified Goldeneye	2010	24	0	63
Unidentified Goldeneye	2012	20	0	45
Unidentified Goldeneye	2014	364	34	981
Unidentified Goldeneye	2016	0	0	0
Unidentified Goldeneye	2018	209	3	664
Unidentified Goldeneye	2022	29	6	63
Unidentified Goldeneye	2023	96	15	226
Unidentified Goldeneye	2025	112	14	280
Unidentified Grebe	1989	0	0	0
Unidentified Grebe	1990	10	0	26
Unidentified Grebe	1991	7	0	21
Unidentified Grebe	1993	0	0	0
Unidentified Grebe	1996	0	0	0
Unidentified Grebe	1998	0	0	0
Unidentified Grebe	2000	0	0	0
Unidentified Grebe	2004	0	0	0
Unidentified Grebe	2005	9	0	31
Unidentified Grebe	2007	0	0	0
Unidentified Grebe	2010	0	0	0
Unidentified Grebe	2012	0	0	0
Unidentified Grebe	2014	0	0	0
Unidentified Grebe	2016	0	0	0
Unidentified Grebe	2018	3	0	9



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Grebe	2022	0	0	0
Unidentified Grebe	2023	0	0	0
Unidentified Grebe	2025	0	0	0
Unidentified Gull	1989	13380	5298	24274
Unidentified Gull	1990	4975	2842	7480
Unidentified Gull	1991	4124	2334	6339
Unidentified Gull	1993	2510	638	5400
Unidentified Gull	1996	1004	417	1761
Unidentified Gull	1998	2149	568	4595
Unidentified Gull	2000	4894	78	15968
Unidentified Gull	2004	2126	604	4237
Unidentified Gull	2005	3856	1941	6247
Unidentified Gull	2007	2337	1347	3564
Unidentified Gull	2010	4956	129	15752
Unidentified Gull	2012	1845	80	5757
Unidentified Gull	2014	2142	489	4471
Unidentified Gull	2016	661	7	1764
Unidentified Gull	2018	1107	236	2558
Unidentified Gull	2022	589	12	1862
Unidentified Gull	2023	714	210	1481
Unidentified Gull	2025	3551	1070	6788
Unidentified Hawk	1989	4	0	15
Unidentified Hawk	1990	0	0	0
Unidentified Hawk	1991	0	0	0
Unidentified Hawk	1993	0	0	0
Unidentified Hawk	1996	0	0	0
Unidentified Hawk	1998	0	0	0
Unidentified Hawk	2000	0	0	0
Unidentified Hawk	2004	0	0	0
Unidentified Hawk	2005	0	0	0
Unidentified Hawk	2007	0	0	0
Unidentified Hawk	2010	0	0	0
Unidentified Hawk	2012	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Hawk	2014	0	0	0
Unidentified Hawk	2016	0	0	0
Unidentified Hawk	2018	0	0	0
Unidentified Hawk	2022	0	0	0
Unidentified Hawk	2023	0	0	0
Unidentified Hawk	2025	0	0	0
Unidentified Hummingbird	1989	0	0	0
Unidentified Hummingbird	1990	11	0	25
Unidentified Hummingbird	1991	11	0	24
Unidentified Hummingbird	1993	7	0	16
Unidentified Hummingbird	1996	0	0	0
Unidentified Hummingbird	1998	0	0	0
Unidentified Hummingbird	2000	0	0	0
Unidentified Hummingbird	2004	0	0	0
Unidentified Hummingbird	2005	6	0	15
Unidentified Hummingbird	2007	0	0	0
Unidentified Hummingbird	2010	9	0	26
Unidentified Hummingbird	2012	3	0	9
Unidentified Hummingbird	2014	3	0	9
Unidentified Hummingbird	2016	0	0	0
Unidentified Hummingbird	2018	0	0	0
Unidentified Hummingbird	2022	0	0	0
Unidentified Hummingbird	2023	52	0	182
Unidentified Hummingbird	2025	0	0	0
Unidentified Jaeger	1989	1550	606	2769
Unidentified Jaeger	1990	538	179	949
Unidentified Jaeger	1991	115	0	249
Unidentified Jaeger	1993	186	38	380
Unidentified Jaeger	1996	6	0	18
Unidentified Jaeger	1998	178	4	425
Unidentified Jaeger	2000	0	0	0
Unidentified Jaeger	2004	53	0	180
Unidentified Jaeger	2005	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Jaeger	2007	214	41	438
Unidentified Jaeger	2010	0	0	0
Unidentified Jaeger	2012	0	0	0
Unidentified Jaeger	2014	0	0	0
Unidentified Jaeger	2016	0	0	0
Unidentified Jaeger	2018	82	0	205
Unidentified Jaeger	2022	0	0	0
Unidentified Jaeger	2023	0	0	0
Unidentified Jaeger	2025	0	0	0
Unidentified Loon	1989	217	8	580
Unidentified Loon	1990	204	17	486
Unidentified Loon	1991	851	120	2004
Unidentified Loon	1993	229	70	439
Unidentified Loon	1996	261	35	565
Unidentified Loon	1998	517	176	939
Unidentified Loon	2000	248	10	776
Unidentified Loon	2004	51	9	113
Unidentified Loon	2005	57	8	132
Unidentified Loon	2007	49	0	149
Unidentified Loon	2010	171	18	362
Unidentified Loon	2012	7	0	21
Unidentified Loon	2014	63	0	185
Unidentified Loon	2016	0	0	0
Unidentified Loon	2018	122	0	393
Unidentified Loon	2022	0	0	0
Unidentified Loon	2023	0	0	0
Unidentified Loon	2025	40	0	125
Unidentified Mammal	1989	25	9	46
Unidentified Mammal	1990	3	0	10
Unidentified Mammal	1991	112	5	260
Unidentified Mammal	1993	3	0	9
Unidentified Mammal	1996	0	0	0
Unidentified Mammal	1998	104	0	290



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Mammal	2000	0	0	0
Unidentified Mammal	2004	0	0	0
Unidentified Mammal	2005	8	0	20
Unidentified Mammal	2007	163	4	500
Unidentified Mammal	2010	0	0	0
Unidentified Mammal	2012	0	0	0
Unidentified Mammal	2014	0	0	0
Unidentified Mammal	2016	0	0	0
Unidentified Mammal	2018	0	0	0
Unidentified Mammal	2022	0	0	0
Unidentified Mammal	2023	0	0	0
Unidentified Mammal	2025	0	0	0
Unidentified Merganser	1989	0	0	0
Unidentified Merganser	1990	409	181	681
Unidentified Merganser	1991	299	95	572
Unidentified Merganser	1993	459	213	769
Unidentified Merganser	1996	200	72	360
Unidentified Merganser	1998	149	41	292
Unidentified Merganser	2000	279	10	806
Unidentified Merganser	2004	39	0	105
Unidentified Merganser	2005	72	8	167
Unidentified Merganser	2007	281	11	923
Unidentified Merganser	2010	156	12	343
Unidentified Merganser	2012	102	7	234
Unidentified Merganser	2014	271	22	634
Unidentified Merganser	2016	23	0	67
Unidentified Merganser	2018	365	0	1122
Unidentified Merganser	2022	57	0	192
Unidentified Merganser	2023	33	3	73
Unidentified Merganser	2025	539	113	1185
Unidentified Murre	1989	1916	603	3765
Unidentified Murre	1990	576	83	1355
Unidentified Murre	1991	2505	1247	4221



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Murre	1993	364	3	811
Unidentified Murre	1996	693	93	1537
Unidentified Murre	1998	138	0	301
Unidentified Murre	2000	53	0	168
Unidentified Murre	2004	546	62	1274
Unidentified Murre	2005	81	0	249
Unidentified Murre	2007	237	49	490
Unidentified Murre	2010	105	14	222
Unidentified Murre	2012	158	0	437
Unidentified Murre	2014	26	0	73
Unidentified Murre	2016	0	0	0
Unidentified Murre	2018	0	0	0
Unidentified Murre	2022	0	0	0
Unidentified Murre	2023	411	0	1279
Unidentified Murre	2025	0	0	0
Unidentified Otter	1989	0	0	0
Unidentified Otter	1990	3	0	9
Unidentified Otter	1991	0	0	0
Unidentified Otter	1993	4	0	14
Unidentified Otter	1996	0	0	0
Unidentified Otter	1998	0	0	0
Unidentified Otter	2000	0	0	0
Unidentified Otter	2004	0	0	0
Unidentified Otter	2005	0	0	0
Unidentified Otter	2007	0	0	0
Unidentified Otter	2010	3	0	10
Unidentified Otter	2012	0	0	0
Unidentified Otter	2014	0	0	0
Unidentified Otter	2016	0	0	0
Unidentified Otter	2018	0	0	0
Unidentified Otter	2022	0	0	0
Unidentified Otter	2023	0	0	0
Unidentified Otter	2025	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Dabbling Duck	1989	0	0	0
Unidentified Dabbling Duck	1990	47	0	113
Unidentified Dabbling Duck	1991	9	0	31
Unidentified Dabbling Duck	1993	0	0	0
Unidentified Dabbling Duck	1996	0	0	0
Unidentified Dabbling Duck	1998	94	0	321
Unidentified Dabbling Duck	2000	0	0	0
Unidentified Dabbling Duck	2004	0	0	0
Unidentified Dabbling Duck	2005	0	0	0
Unidentified Dabbling Duck	2007	0	0	0
Unidentified Dabbling Duck	2010	0	0	0
Unidentified Dabbling Duck	2012	67	0	221
Unidentified Dabbling Duck	2014	0	0	0
Unidentified Dabbling Duck	2016	0	0	0
Unidentified Dabbling Duck	2018	0	0	0
Unidentified Dabbling Duck	2022	0	0	0
Unidentified Dabbling Duck	2023	0	0	0
Unidentified Dabbling Duck	2025	0	0	0
Unidentified Petrel	1989	842	0	2589
Unidentified Petrel	1990	0	0	0
Unidentified Petrel	1991	0	0	0
Unidentified Petrel	1993	0	0	0
Unidentified Petrel	1996	0	0	0
Unidentified Petrel	1998	0	0	0
Unidentified Petrel	2000	0	0	0
Unidentified Petrel	2004	0	0	0
Unidentified Petrel	2005	0	0	0
Unidentified Petrel	2007	0	0	0
Unidentified Petrel	2010	0	0	0
Unidentified Petrel	2012	0	0	0
Unidentified Petrel	2014	0	0	0
Unidentified Petrel	2016	0	0	0
Unidentified Petrel	2018	0	0	0



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Unidentified Petrel	2022	0	0	0
Unidentified Petrel	2023	0	0	0
Unidentified Petrel	2025	0	0	0
Unidentified Phalarope	1989	0	0	0
Unidentified Phalarope	1990	163	0	521
Unidentified Phalarope	1991	0	0	0
Unidentified Phalarope	1993	121	0	398
Unidentified Phalarope	1996	1207	0	4399
Unidentified Phalarope	1998	862	39	2409
Unidentified Phalarope	2000	0	0	0
Unidentified Phalarope	2004	302	0	940
Unidentified Phalarope	2005	0	0	0
Unidentified Phalarope	2007	0	0	0
Unidentified Phalarope	2010	0	0	0
Unidentified Phalarope	2012	0	0	0
Unidentified Phalarope	2014	89	0	280
Unidentified Phalarope	2016	0	0	0
Unidentified Phalarope	2018	0	0	0
Unidentified Phalarope	2022	0	0	0
Unidentified Phalarope	2023	155	0	497
Unidentified Phalarope	2025	0	0	0
Unidentified Pinniped	1989	0	0	0
Unidentified Pinniped	1990	0	0	0
Unidentified Pinniped	1991	0	0	0
Unidentified Pinniped	1993	0	0	0
Unidentified Pinniped	1996	0	0	0
Unidentified Pinniped	1998	0	0	0
Unidentified Pinniped	2000	0	0	0
Unidentified Pinniped	2004	0	0	0
Unidentified Pinniped	2005	0	0	0
Unidentified Pinniped	2007	0	0	0
Unidentified Pinniped	2010	40	0	131
Unidentified Pinniped	2012	0	0	0



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Unidentified Pinniped	2014	47	0	141
Unidentified Pinniped	2016	0	0	0
Unidentified Pinniped	2018	0	0	0
Unidentified Pinniped	2022	0	0	0
Unidentified Pinniped	2023	0	0	0
Unidentified Pinniped	2025	0	0	0
Unidentified Plover	1989	0	0	0
Unidentified Plover	1990	0	0	0
Unidentified Plover	1991	0	0	0
Unidentified Plover	1993	0	0	0
Unidentified Plover	1996	0	0	0
Unidentified Plover	1998	0	0	0
Unidentified Plover	2000	0	0	0
Unidentified Plover	2004	0	0	0
Unidentified Plover	2005	3	0	9
Unidentified Plover	2007	0	0	0
Unidentified Plover	2010	0	0	0
Unidentified Plover	2012	0	0	0
Unidentified Plover	2014	0	0	0
Unidentified Plover	2016	0	0	0
Unidentified Plover	2018	0	0	0
Unidentified Plover	2022	0	0	0
Unidentified Plover	2023	0	0	0
Unidentified Plover	2025	0	0	0
Unidentified Porpoise	1989	0	0	0
Unidentified Porpoise	1990	39	0	127
Unidentified Porpoise	1991	40	0	121
Unidentified Porpoise	1993	224	0	541
Unidentified Porpoise	1996	0	0	0
Unidentified Porpoise	1998	0	0	0
Unidentified Porpoise	2000	0	0	0
Unidentified Porpoise	2004	84	0	280
Unidentified Porpoise	2005	0	0	0



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Unidentified Porpoise	2007	203	0	568
Unidentified Porpoise	2010	98	0	317
Unidentified Porpoise	2012	0	0	0
Unidentified Porpoise	2014	42	0	137
Unidentified Porpoise	2016	0	0	0
Unidentified Porpoise	2018	0	0	0
Unidentified Porpoise	2022	3	0	11
Unidentified Porpoise	2023	0	0	0
Unidentified Porpoise	2025	0	0	0
Unidentified Puffin	1989	106	0	281
Unidentified Puffin	1990	0	0	0
Unidentified Puffin	1991	38	0	122
Unidentified Puffin	1993	342	23	863
Unidentified Puffin	1996	0	0	0
Unidentified Puffin	1998	239	0	667
Unidentified Puffin	2000	0	0	0
Unidentified Puffin	2004	53	0	168
Unidentified Puffin	2005	0	0	0
Unidentified Puffin	2007	3	0	9
Unidentified Puffin	2010	0	0	0
Unidentified Puffin	2012	0	0	0
Unidentified Puffin	2014	0	0	0
Unidentified Puffin	2016	0	0	0
Unidentified Puffin	2018	0	0	0
Unidentified Puffin	2022	41	0	132
Unidentified Puffin	2023	3	0	10
Unidentified Puffin	2025	0	0	0
Unidentified Raptor	1989	0	0	0
Unidentified Raptor	1990	0	0	0
Unidentified Raptor	1991	4	0	14
Unidentified Raptor	1993	0	0	0
Unidentified Raptor	1996	0	0	0
Unidentified Raptor	1998	3	0	11



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Raptor	2000	0	0	0
Unidentified Raptor	2004	0	0	0
Unidentified Raptor	2005	0	0	0
Unidentified Raptor	2007	0	0	0
Unidentified Raptor	2010	0	0	0
Unidentified Raptor	2012	0	0	0
Unidentified Raptor	2014	0	0	0
Unidentified Raptor	2016	3	0	11
Unidentified Raptor	2018	0	0	0
Unidentified Raptor	2022	0	0	0
Unidentified Raptor	2023	0	0	0
Unidentified Raptor	2025	0	0	0
Unidentified Small Alcid	1989	8	0	22
Unidentified Small Alcid	1990	0	0	0
Unidentified Small Alcid	1991	0	0	0
Unidentified Small Alcid	1993	18	0	58
Unidentified Small Alcid	1996	68	0	216
Unidentified Small Alcid	1998	124	0	359
Unidentified Small Alcid	2000	0	0	0
Unidentified Small Alcid	2004	82	0	276
Unidentified Small Alcid	2005	0	0	0
Unidentified Small Alcid	2007	26	0	80
Unidentified Small Alcid	2010	0	0	0
Unidentified Small Alcid	2012	57	0	183
Unidentified Small Alcid	2014	0	0	0
Unidentified Small Alcid	2016	0	0	0
Unidentified Small Alcid	2018	0	0	0
Unidentified Small Alcid	2022	0	0	0
Unidentified Small Alcid	2023	0	0	0
Unidentified Small Alcid	2025	0	0	0
Unidentified Shorebird	1989	550	137	1145
Unidentified Shorebird	1990	788	260	1486
Unidentified Shorebird	1991	143	55	255



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Shorebird	1993	127	49	227
Unidentified Shorebird	1996	367	151	719
Unidentified Shorebird	1998	287	0	879
Unidentified Shorebird	2000	6	0	16
Unidentified Shorebird	2004	1242	16	4424
Unidentified Shorebird	2005	454	42	1253
Unidentified Shorebird	2007	75	4	215
Unidentified Shorebird	2010	1617	4	5347
Unidentified Shorebird	2012	646	23	1699
Unidentified Shorebird	2014	225	66	419
Unidentified Shorebird	2016	89	15	212
Unidentified Shorebird	2018	13	0	29
Unidentified Shorebird	2022	4	0	14
Unidentified Shorebird	2023	132	42	245
Unidentified Shorebird	2025	1085	0	3641
Unidentified Shearwater	1989	0	0	0
Unidentified Shearwater	1990	0	0	0
Unidentified Shearwater	1991	38413	77	129036
Unidentified Shearwater	1993	0	0	0
Unidentified Shearwater	1996	0	0	0
Unidentified Shearwater	1998	0	0	0
Unidentified Shearwater	2000	0	0	0
Unidentified Shearwater	2004	0	0	0
Unidentified Shearwater	2005	0	0	0
Unidentified Shearwater	2007	0	0	0
Unidentified Shearwater	2010	0	0	0
Unidentified Shearwater	2012	0	0	0
Unidentified Shearwater	2014	0	0	0
Unidentified Shearwater	2016	3	0	10
Unidentified Shearwater	2018	10	0	31
Unidentified Shearwater	2022	0	0	0
Unidentified Shearwater	2023	64	0	161
Unidentified Shearwater	2025	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Storm-petrel	1989	155	0	500
Unidentified Storm-petrel	1990	0	0	0
Unidentified Storm-petrel	1991	0	0	0
Unidentified Storm-petrel	1993	40	0	128
Unidentified Storm-petrel	1996	0	0	0
Unidentified Storm-petrel	1998	281	0	747
Unidentified Storm-petrel	2000	78	0	251
Unidentified Storm-petrel	2004	281	61	540
Unidentified Storm-petrel	2005	46	0	132
Unidentified Storm-petrel	2007	119	0	261
Unidentified Storm-petrel	2010	0	0	0
Unidentified Storm-petrel	2012	0	0	0
Unidentified Storm-petrel	2014	0	0	0
Unidentified Storm-petrel	2016	0	0	0
Unidentified Storm-petrel	2018	44	0	138
Unidentified Storm-petrel	2022	0	0	0
Unidentified Storm-petrel	2023	0	0	0
Unidentified Storm-petrel	2025	0	0	0
Unidentified Tern	1989	50	0	141
Unidentified Tern	1990	49	0	161
Unidentified Tern	1991	318	36	713
Unidentified Tern	1993	481	87	1015
Unidentified Tern	1996	265	17	631
Unidentified Tern	1998	0	0	0
Unidentified Tern	2000	0	0	0
Unidentified Tern	2004	22	0	57
Unidentified Tern	2005	1365	14	4288
Unidentified Tern	2007	216	41	434
Unidentified Tern	2010	19	0	45
Unidentified Tern	2012	0	0	0
Unidentified Tern	2014	0	0	0
Unidentified Tern	2016	0	0	0
Unidentified Tern	2018	61	0	159



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Tern	2022	6	0	19
Unidentified Tern	2023	61	0	233
Unidentified Tern	2025	0	0	0
Unidentified Thrush	1989	0	0	0
Unidentified Thrush	1990	0	0	0
Unidentified Thrush	1991	0	0	0
Unidentified Thrush	1993	0	0	0
Unidentified Thrush	1996	0	0	0
Unidentified Thrush	1998	0	0	0
Unidentified Thrush	2000	0	0	0
Unidentified Thrush	2004	0	0	0
Unidentified Thrush	2005	0	0	0
Unidentified Thrush	2007	0	0	0
Unidentified Thrush	2010	3	0	11
Unidentified Thrush	2012	3	0	10
Unidentified Thrush	2014	3	0	9
Unidentified Thrush	2016	0	0	0
Unidentified Thrush	2018	0	0	0
Unidentified Thrush	2022	0	0	0
Unidentified Thrush	2023	0	0	0
Unidentified Thrush	2025	0	0	0
Unidentified Turnstone	1989	0	0	0
Unidentified Turnstone	1990	0	0	0
Unidentified Turnstone	1991	0	0	0
Unidentified Turnstone	1993	0	0	0
Unidentified Turnstone	1996	0	0	0
Unidentified Turnstone	1998	3	0	11
Unidentified Turnstone	2000	0	0	0
Unidentified Turnstone	2004	0	0	0
Unidentified Turnstone	2005	0	0	0
Unidentified Turnstone	2007	0	0	0
Unidentified Turnstone	2010	0	0	0
Unidentified Turnstone	2012	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Turnstone	2014	0	0	0
Unidentified Turnstone	2016	0	0	0
Unidentified Turnstone	2018	0	0	0
Unidentified Turnstone	2022	0	0	0
Unidentified Turnstone	2023	0	0	0
Unidentified Turnstone	2025	0	0	0
Unidentified Warbler	1989	22	0	71
Unidentified Warbler	1990	0	0	0
Unidentified Warbler	1991	0	0	0
Unidentified Warbler	1993	0	0	0
Unidentified Warbler	1996	0	0	0
Unidentified Warbler	1998	0	0	0
Unidentified Warbler	2000	0	0	0
Unidentified Warbler	2004	0	0	0
Unidentified Warbler	2005	0	0	0
Unidentified Warbler	2007	0	0	0
Unidentified Warbler	2010	0	0	0
Unidentified Warbler	2012	0	0	0
Unidentified Warbler	2014	0	0	0
Unidentified Warbler	2016	0	0	0
Unidentified Warbler	2018	0	0	0
Unidentified Warbler	2022	0	0	0
Unidentified Warbler	2023	0	0	0
Unidentified Warbler	2025	0	0	0
Unidentified Whale	1989	63	0	190
Unidentified Whale	1990	78	0	249
Unidentified Whale	1991	0	0	0
Unidentified Whale	1993	0	0	0
Unidentified Whale	1996	0	0	0
Unidentified Whale	1998	0	0	0
Unidentified Whale	2000	0	0	0
Unidentified Whale	2004	0	0	0
Unidentified Whale	2005	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Whale	2007	0	0	0
Unidentified Whale	2010	0	0	0
Unidentified Whale	2012	0	0	0
Unidentified Whale	2014	0	0	0
Unidentified Whale	2016	0	0	0
Unidentified Whale	2018	0	0	0
Unidentified Whale	2022	0	0	0
Unidentified Whale	2023	3	0	9
Unidentified Whale	2025	0	0	0
Unidentified Scaup	1989	0	0	0
Unidentified Scaup	1990	0	0	0
Unidentified Scaup	1991	195	0	623
Unidentified Scaup	1993	0	0	0
Unidentified Scaup	1996	0	0	0
Unidentified Scaup	1998	3	0	11
Unidentified Scaup	2000	0	0	0
Unidentified Scaup	2004	7	0	22
Unidentified Scaup	2005	0	0	0
Unidentified Scaup	2007	20	0	63
Unidentified Scaup	2010	0	0	0
Unidentified Scaup	2012	13	0	41
Unidentified Scaup	2014	0	0	0
Unidentified Scaup	2016	0	0	0
Unidentified Scaup	2018	0	0	0
Unidentified Scaup	2022	85	0	277
Unidentified Scaup	2023	0	0	0
Unidentified Scaup	2025	0	0	0
Unidentified Scoter	1989	906	110	2496
Unidentified Scoter	1990	1464	85	3706
Unidentified Scoter	1991	887	211	1732
Unidentified Scoter	1993	808	8	2185
Unidentified Scoter	1996	67	5	173
Unidentified Scoter	1998	2374	437	5117



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Unidentified Scoter	2000	0	0	0
Unidentified Scoter	2004	42	0	139
Unidentified Scoter	2005	0	0	0
Unidentified Scoter	2007	0	0	0
Unidentified Scoter	2010	9	0	30
Unidentified Scoter	2012	65	0	221
Unidentified Scoter	2014	980	0	3183
Unidentified Scoter	2016	0	0	0
Unidentified Scoter	2018	0	0	0
Unidentified Scoter	2022	0	0	0
Unidentified Scoter	2023	14	0	49
Unidentified Scoter	2025	0	0	0
Unidentified Sparrow	1989	0	0	0
Unidentified Sparrow	1990	0	0	0
Unidentified Sparrow	1991	0	0	0
Unidentified Sparrow	1993	0	0	0
Unidentified Sparrow	1996	0	0	0
Unidentified Sparrow	1998	0	0	0
Unidentified Sparrow	2000	0	0	0
Unidentified Sparrow	2004	3	0	11
Unidentified Sparrow	2005	8	0	20
Unidentified Sparrow	2007	0	0	0
Unidentified Sparrow	2010	0	0	0
Unidentified Sparrow	2012	0	0	0
Unidentified Sparrow	2014	0	0	0
Unidentified Sparrow	2016	0	0	0
Unidentified Sparrow	2018	0	0	0
Unidentified Sparrow	2022	0	0	0
Unidentified Sparrow	2023	0	0	0
Unidentified Sparrow	2025	0	0	0
Unidentified Swallow	1989	12	0	35
Unidentified Swallow	1990	0	0	0
Unidentified Swallow	1991	11	0	29



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Unidentified Swallow	1993	76	12	168
Unidentified Swallow	1996	3	0	11
Unidentified Swallow	1998	70	3	188
Unidentified Swallow	2000	4	0	14
Unidentified Swallow	2004	0	0	0
Unidentified Swallow	2005	166	11	383
Unidentified Swallow	2007	94	23	180
Unidentified Swallow	2010	18	0	43
Unidentified Swallow	2012	27	0	70
Unidentified Swallow	2014	70	0	215
Unidentified Swallow	2016	0	0	0
Unidentified Swallow	2018	0	0	0
Unidentified Swallow	2022	0	0	0
Unidentified Swallow	2023	0	0	0
Unidentified Swallow	2025	22	0	72
Varied Thrush	1989	0	0	0
Varied Thrush	1990	0	0	0
Varied Thrush	1991	3	0	11
Varied Thrush	1993	0	0	0
Varied Thrush	1996	13	0	31
Varied Thrush	1998	8	0	21
Varied Thrush	2000	4	0	15
Varied Thrush	2004	7	0	18
Varied Thrush	2005	5	0	15
Varied Thrush	2007	3	0	11
Varied Thrush	2010	0	0	0
Varied Thrush	2012	16	0	52
Varied Thrush	2014	7	0	21
Varied Thrush	2016	13	3	28
Varied Thrush	2018	0	0	0
Varied Thrush	2022	0	0	0
Varied Thrush	2023	7	0	22
Varied Thrush	2025	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Violet-green Swallow	1989	0	0	0
Violet-green Swallow	1990	0	0	0
Violet-green Swallow	1991	59	0	180
Violet-green Swallow	1993	0	0	0
Violet-green Swallow	1996	4	0	15
Violet-green Swallow	1998	12	0	28
Violet-green Swallow	2000	0	0	0
Violet-green Swallow	2004	3	0	11
Violet-green Swallow	2005	0	0	0
Violet-green Swallow	2007	19	0	44
Violet-green Swallow	2010	0	0	0
Violet-green Swallow	2012	0	0	0
Violet-green Swallow	2014	7	0	22
Violet-green Swallow	2016	0	0	0
Violet-green Swallow	2018	0	0	0
Violet-green Swallow	2022	0	0	0
Violet-green Swallow	2023	0	0	0
Violet-green Swallow	2025	3	0	10
Wandering Tattler	1989	3	0	10
Wandering Tattler	1990	84	21	173
Wandering Tattler	1991	8	0	20
Wandering Tattler	1993	0	0	0
Wandering Tattler	1996	96	44	159
Wandering Tattler	1998	18	0	61
Wandering Tattler	2000	36	9	70
Wandering Tattler	2004	14	0	34
Wandering Tattler	2005	11	0	25
Wandering Tattler	2007	3	0	10
Wandering Tattler	2010	9	0	22
Wandering Tattler	2012	28	9	50
Wandering Tattler	2014	15	0	35
Wandering Tattler	2016	16	3	33
Wandering Tattler	2018	3	0	11



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Wandering Tattler	2022	10	0	27
Wandering Tattler	2023	36	5	79
Wandering Tattler	2025	4	0	14
Western Grebe	1989	0	0	0
Western Grebe	1990	0	0	0
Western Grebe	1991	0	0	0
Western Grebe	1993	0	0	0
Western Grebe	1996	0	0	0
Western Grebe	1998	0	0	0
Western Grebe	2000	0	0	0
Western Grebe	2004	0	0	0
Western Grebe	2005	0	0	0
Western Grebe	2007	0	0	0
Western Grebe	2010	0	0	0
Western Grebe	2012	0	0	0
Western Grebe	2014	0	0	0
Western Grebe	2016	4	0	14
Western Grebe	2018	0	0	0
Western Grebe	2022	4	0	14
Western Grebe	2023	0	0	0
Western Grebe	2025	0	0	0
Western Sandpiper	1989	0	0	0
Western Sandpiper	1990	0	0	0
Western Sandpiper	1991	0	0	0
Western Sandpiper	1993	0	0	0
Western Sandpiper	1996	0	0	0
Western Sandpiper	1998	16	0	54
Western Sandpiper	2000	0	0	0
Western Sandpiper	2004	0	0	0
Western Sandpiper	2005	0	0	0
Western Sandpiper	2007	0	0	0
Western Sandpiper	2010	0	0	0
Western Sandpiper	2012	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Western Sandpiper	2014	0	0	0
Western Sandpiper	2016	22	0	77
Western Sandpiper	2018	0	0	0
Western Sandpiper	2022	0	0	0
Western Sandpiper	2023	0	0	0
Western Sandpiper	2025	0	0	0
Whimbrel	1989	112	0	292
Whimbrel	1990	39	0	92
Whimbrel	1991	30	0	78
Whimbrel	1993	64	0	160
Whimbrel	1996	60	5	150
Whimbrel	1998	20	0	65
Whimbrel	2000	67	0	185
Whimbrel	2004	0	0	0
Whimbrel	2005	5	0	15
Whimbrel	2007	0	0	0
Whimbrel	2010	31	0	99
Whimbrel	2012	267	3	770
Whimbrel	2014	5	0	15
Whimbrel	2016	0	0	0
Whimbrel	2018	0	0	0
Whimbrel	2022	0	0	0
Whimbrel	2023	0	0	0
Whimbrel	2025	8	0	29
Winter Wren	1989	0	0	0
Winter Wren	1990	0	0	0
Winter Wren	1991	0	0	0
Winter Wren	1993	0	0	0
Winter Wren	1996	3	0	9
Winter Wren	1998	0	0	0
Winter Wren	2000	0	0	0
Winter Wren	2004	0	0	0
Winter Wren	2005	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Winter Wren	2007	0	0	0
Winter Wren	2010	0	0	0
Winter Wren	2012	0	0	0
Winter Wren	2014	0	0	0
Winter Wren	2016	0	0	0
Winter Wren	2018	0	0	0
Winter Wren	2022	0	0	0
Winter Wren	2023	0	0	0
Winter Wren	2025	0	0	0
Wolf	1989	0	0	0
Wolf	1990	0	0	0
Wolf	1991	0	0	0
Wolf	1993	0	0	0
Wolf	1996	0	0	0
Wolf	1998	0	0	0
Wolf	2000	0	0	0
Wolf	2004	0	0	0
Wolf	2005	0	0	0
Wolf	2007	0	0	0
Wolf	2010	0	0	0
Wolf	2012	0	0	0
Wolf	2014	5	0	15
Wolf	2016	0	0	0
Wolf	2018	0	0	0
Wolf	2022	4	0	14
Wolf	2023	0	0	0
Wolf	2025	0	0	0
White-winged Crossbill	1989	0	0	0
White-winged Crossbill	1990	0	0	0
White-winged Crossbill	1991	0	0	0
White-winged Crossbill	1993	0	0	0
White-winged Crossbill	1996	0	0	0
White-winged Crossbill	1998	0	0	0



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White-winged Crossbill	2000	0	0	0
White-winged Crossbill	2004	0	0	0
White-winged Crossbill	2005	0	0	0
White-winged Crossbill	2007	0	0	0
White-winged Crossbill	2010	0	0	0
White-winged Crossbill	2012	10	0	31
White-winged Crossbill	2014	0	0	0
White-winged Crossbill	2016	0	0	0
White-winged Crossbill	2018	0	0	0
White-winged Crossbill	2022	0	0	0
White-winged Crossbill	2023	0	0	0
White-winged Crossbill	2025	0	0	0
White-winged Scoter	1989	3057	448	7233
White-winged Scoter	1990	1089	67	2888
White-winged Scoter	1991	3564	861	7904
White-winged Scoter	1993	7593	190	16741
White-winged Scoter	1996	488	121	981
White-winged Scoter	1998	2460	245	6746
White-winged Scoter	2000	5329	332	13893
White-winged Scoter	2004	1539	252	3772
White-winged Scoter	2005	511	36	1416
White-winged Scoter	2007	421	51	968
White-winged Scoter	2010	2068	290	5290
White-winged Scoter	2012	79	9	183
White-winged Scoter	2014	812	84	2391
White-winged Scoter	2016	4253	176	9536
White-winged Scoter	2018	836	168	1883
White-winged Scoter	2022	823	198	1726
White-winged Scoter	2023	2953	466	6713
White-winged Scoter	2025	138	13	338
Yellow-billed Loon	1989	4	0	14
Yellow-billed Loon	1990	0	0	0
Yellow-billed Loon	1991	6	0	15



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Yellow-billed Loon	1993	51	0	162
Yellow-billed Loon	1996	0	0	0
Yellow-billed Loon	1998	0	0	0
Yellow-billed Loon	2000	4	0	14
Yellow-billed Loon	2004	59	0	180
Yellow-billed Loon	2005	3	0	11
Yellow-billed Loon	2007	0	0	0
Yellow-billed Loon	2010	43	0	152
Yellow-billed Loon	2012	13	0	31
Yellow-billed Loon	2014	5	0	14
Yellow-billed Loon	2016	0	0	0
Yellow-billed Loon	2018	0	0	0
Yellow-billed Loon	2022	0	0	0
Yellow-billed Loon	2023	0	0	0
Yellow-billed Loon	2025	0	0	0
Unidentified Yellowlegs	1989	0	0	0
Unidentified Yellowlegs	1990	84	0	232
Unidentified Yellowlegs	1991	0	0	0
Unidentified Yellowlegs	1993	4	0	15
Unidentified Yellowlegs	1996	0	0	0
Unidentified Yellowlegs	1998	0	0	0
Unidentified Yellowlegs	2000	0	0	0
Unidentified Yellowlegs	2004	0	0	0
Unidentified Yellowlegs	2005	0	0	0
Unidentified Yellowlegs	2007	0	0	0
Unidentified Yellowlegs	2010	0	0	0
Unidentified Yellowlegs	2012	0	0	0
Unidentified Yellowlegs	2014	0	0	0
Unidentified Yellowlegs	2016	0	0	0
Unidentified Yellowlegs	2018	0	0	0
Unidentified Yellowlegs	2022	0	0	0
Unidentified Yellowlegs	2023	0	0	0
Unidentified Yellowlegs	2025	0	0	0



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Taxon	Year	Total Abundance	Total Abundance Lower 95% CI	Total Abundance Upper 95% CI
Yellow--rumped Warbler	1989	0	0	0
Yellow--rumped Warbler	1990	0	0	0
Yellow--rumped Warbler	1991	0	0	0
Yellow--rumped Warbler	1993	0	0	0
Yellow--rumped Warbler	1996	0	0	0
Yellow--rumped Warbler	1998	0	0	0
Yellow--rumped Warbler	2000	0	0	0
Yellow--rumped Warbler	2004	0	0	0
Yellow--rumped Warbler	2005	0	0	0
Yellow--rumped Warbler	2007	0	0	0
Yellow--rumped Warbler	2010	0	0	0
Yellow--rumped Warbler	2012	0	0	0
Yellow--rumped Warbler	2014	0	0	0
Yellow--rumped Warbler	2016	0	0	0
Yellow--rumped Warbler	2018	0	0	0
Yellow--rumped Warbler	2022	6	0	16
Yellow--rumped Warbler	2023	0	0	0
Yellow--rumped Warbler	2025	0	0	0