

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Red-throated Loon		16.4	16.4	
Pacific Loon		112.4	112.4	
Common Loon		7.7	7.7	
Arctic Loon	0.1		-0.1	
Loon sp.		6.4	6.4	
Pied-billed Grebe	104.1	126.0	21.9	21%
Eared Grebe	166.9	58.0	-108.9	-65%
Horned Grebe	1	1.0	0.0	-4%
Western Grebe	20.6	710.2	689.6	3348%
Clark's Grebe		1.4	1.4	
Western/Clark's Grebe		4.9	4.9	
Northern Fulmar		0.8	0.8	
Pink-footed Shearwater		3.4	3.4	
Buller's Shearwater		0.1	0.1	
Sooty Shearwater		88.6	88.6	
Short-tailed Shearwater		0.1	0.1	
Black-vented Shearwater		767.4	767.4	
Shearwater sp.		0.6	0.6	
Black Storm-petrel		13.7	13.7	
Red-billed Tropicbird		0.1	0.1	
Brown Booby		0.1	0.1	
American White Pelican	0.4	53.0	52.6	13150%
Brown Pelican	33.5	664.7	631.2	1884%
Double-crested Cormorant	295.6	432.8	137.2	46%
Brandt's Cormorant		273.5	273.5	
Pelagic Cormorant		1.0	1.0	
Cormorant sp.		2.5	2.5	
American Bittern	7.3	1.8	-5.5	-76%
Least Bittern	2.7	1.5	-1.2	-43%
Great Blue Heron	108.6	108.4	-0.2	0%
Great Egret	114.7	198.4	83.7	73%
Reddish Egret		0.1	0.1	
Snowy Egret	239.3	291.1	51.8	22%
Egret sp.		0.1	0.1	
Little Blue Heron		3.8	3.8	
Tricolored Heron	0.2	0.1	-0.1	-36%
Cattle Egret	0.6	2.2	1.6	262%
Green Heron	20.7	11.9	-8.8	-42%
Black-crowned Night-Heron	126.7	47.6	-79.1	-62%
Yellow-crowned Night-Heron	0.5	0.1	-0.4	-87%
White-faced Ibis	47.4	118.6	71.2	150%
Wood Stork	0.1		-0.1	
Snow Goose	2.4	0.5	-1.9	-79%
Greater White-fronted Goose	0.3		-0.3	
Brant	6.5	0.8	-5.7	-88%

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Cackling Goose		0.1	0.1	
Canada Goose	7.7	93.9	86.2	1119%
Green-winged Teal	1136.6	881.6	-255.0	-22%
Mallard	755.7	871.1	115.4	15%
Northern Pintail	2876.8	387.5	-2489.3	-87%
Blue-winged Teal	5	84.9	79.9	1599%
Cinnamon Teal	957.6	139.7	-817.9	-85%
Baikal Teal (hybrid)		0.2	0.2	
Teal sp.		1.0	1.0	
Northern Shoveler	3638.9	1222.8	-2416.1	-66%
Gadwall	340.1	1051.5	711.4	209%
Eurasian Wigeon	0.6	0.7	0.1	17%
American Wigeon	627.4	2050.0	1422.6	227%
Hybrid American-Eurasian Wigeon		0.2	0.2	
Canvasback	14.7	13.9	-0.8	-6%
Redhead	131	2.9	-128.1	-98%
Ring-necked Duck		1.3	1.3	
Lesser Scaup	119.3	81.4	-37.9	-32%
Surf Scoter	0.5	143.1	142.6	28521%
White-winged Scoter		0.2	0.2	
Common Goldeneye		0.6	0.6	
Bufflehead	93.9	89.3	-4.6	-5%
Hooded Merganser		4.5	4.5	
Red-breasted Merganser	18.1	7.8	-10.3	-57%
Ruddy Duck	1113.6	169.0	-944.6	-85%
Duck sp. - Anatinae sp.		74.9	74.9	
Turkey Vulture	0.8	5.7	4.9	618%
Osprey	0.9	45.4	44.5	4945%
White-tailed Kite	19.9	47.6	27.7	139%
Northern Harrier	6.5	36.3	29.8	458%
Sharp-shinned Hawk	4.8	2.4	-2.4	-51%
Cooper's Hawk	7.7	40.7	33.0	429%
Accipiter sp.	0.9	1.2	0.3	35%
Red-shouldered Hawk	8.4	37.6	29.2	348%
Red-tailed Hawk	68.9	88.6	19.7	29%
Ferruginous Hawk		0.1	0.1	
Rough-legged Hawk	0.1		-0.1	
Golden Eagle	0.1		-0.1	
Bald Eagle	0.1	0.1	0.0	-36%
American Kestrel	64	78.8	14.8	23%
Merlin	0.1	2.4	2.3	2327%
Peregrine Falcon	0.2	9.6	9.4	4721%
Prairie Falcon	0.2		-0.2	
California Quail	1219.7	76.9	-1142.8	-94%

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Ring-necked Pheasant	0.2		-0.2	
Ridgway's Rail	2.7	117.0	114.3	4235%
Virginia Rail	22	18.3	-3.7	-17%
Rail sp.	0.3	0.1	-0.2	-79%
Sora	70.8	32.1	-38.7	-55%
Common Moorhen	4.5	13.2	8.7	192%
American Coot	5934.8	2499.9	-3434.9	-58%
Black-bellied Plover	266.5	651.5	385.0	144%
Pacific Golden-Plover		0.3	0.3	
Snowy Plover	88.8	166.7	77.9	88%
Semipalmated Plover	277.4	563.0	285.6	103%
Killdeer	569.2	314.0	-255.2	-45%
Black-necked Stilt	875.6	495.3	-380.3	-43%
American Avocet	1165.7	560.0	-605.7	-52%
Greater Yellowlegs	70.6	50.1	-20.5	-29%
Lesser Yellowlegs	48	15.7	-32.3	-67%
Greater/Lesser Yellowlegs	0.4	4.2	3.8	938%
Solitary Sandpiper	0.1	0.1	0.0	28%
Willet	265.4	720.6	455.2	172%
Spotted Sandpiper	49.3	23.6	-25.7	-52%
Whimbrel	84.8	132.8	48.0	57%
Long-billed Curlew	1.9	49.8	47.9	2521%
Marbled Godwit	107.2	278.5	171.3	160%
Wandering Tattler	0.3		-0.3	
Ruddy Turnstone	7.8	15.2	7.4	95%
Black Turnstone	4.7	20.8	16.1	343%
Surfbird		3.8	3.8	
Red Knot	9.7	3.2	-6.5	-67%
Sanderling	581.4	625.0	43.6	8%
Semipalmated Sandpiper	0.1	0.1	0.0	28%
Western Sandpiper	2145.3	2255.1	109.8	5%
Least Sandpiper	528.8	830.8	302.0	57%
Least/Western Sandpiper		102.9	102.9	
Baird's Sandpiper	0.5	0.9	0.4	79%
Dunlin	97	30.9	-66.1	-68%
Ruff		0.1	0.1	
Pectoral Sandpiper	0.8	0.3	-0.5	-68%
Short-billed Dowitcher	74.7	130.4	55.7	75%
Long-billed Dowitcher	550.6	333.1	-217.5	-39%
Short-billed/Long-billed Dowitcher	1342.2	808.2	-534.0	-40%
Wilson's Snipe	4.4	1.7	-2.7	-61%
Wilson's Phalarope	141.9	25.9	-116.0	-82%
Red-necked Phalarope	565.4	69.3	-496.1	-88%
Red Phalarope	22	4.2	-17.8	-81%

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Phalarope sp.		4.5	4.5	
Peep sp.	1358.1	268.6	-1089.5	-80%
Sandpiper sp.		653.3	653.3	
Pomarine Jaeger		1.0	1.0	
Parasitic Jaeger		3.7	3.7	
Jaeger sp.		1.8	1.8	
Black-legged Kittiwake	0.2	0.1	-0.1	-68%
Bonaparte's Gull	288.4	301.8	13.4	5%
Heermann's Gull	39.4	217.4	178.0	452%
Mew Gull	0.1	0.1	0.0	28%
Ring-billed Gull	999.1	254.9	-744.2	-74%
California Gull	264.7	383.0	118.3	45%
Herring Gull	6.9	3.2	-3.7	-54%
Thayer's Gull	0.4	0.1	-0.3	-84%
Western Gull	260.3	401.1	140.8	54%
Glaucous-winged Gull	0.1	0.8	0.7	730%
Gull sp.	1069.1	472.7	-596.4	-56%
Caspian Tern	135.9	95.5	-40.4	-30%
Royal Tern	62.3	69.6	7.3	12%
Elegant Tern	839.8	228.2	-611.6	-73%
Common Tern	80.9	7.9	-73.0	-90%
Forster's Tern	860	278.7	-581.3	-68%
Least Tern	108.8	48.9	-59.9	-55%
Gull-billed Tern		0.1	0.1	
Black Tern	1.3	0.1	-1.2	-95%
Black Skimmer		5.0	5.0	
Tern sp.	119.6	87.7	-31.9	-27%
Common Murre		3.5	3.5	
Ancient Murrelet		0.2	0.2	
Xantus's Murrelet		0.2	0.2	
Cassin's Auklet		29.0	29.0	
Rhinoceros Auklet		5.3	5.3	
Rock Pigeon	677.4	290.0	-387.4	-57%
Eurasian Collared-Dove		27.0	27.0	
Spotted Dove	2.3		-2.3	
White-winged Dove	0.1	0.2	0.1	92%
Mourning Dove	874.4	831.0	-43.4	-5%
Greater Roadrunner	5.7	0.8	-4.9	-87%
Barn Owl	1.7	0.1	-1.6	-92%
Short-eared Owl		0.1	0.1	
Great Horned Owl	0.3		-0.3	
Burrowing Owl	0.4	0.1	-0.3	-68%
Lesser Nighthawk		0.1	0.1	
Common Poorwill		1.0	1.0	

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Vaux's Swift	20.2	15.8	-4.4	-22%
Chimney Swift		0.1	0.1	
White-throated Swift	49.8	136.9	87.1	175%
Swift sp.	6.7	0.7	-6.0	-90%
Black-chinned Hummingbird	2	2.7	0.7	37%
Anna's Hummingbird	285.1	767.5	482.4	169%
Costa's Hummingbird	1.9	0.6	-1.3	-70%
Rufous Hummingbird	13	1.5	-11.5	-89%
Allen's Hummingbird	3.2	35.0	31.8	994%
Rufous/Allen's Hummingbird	24.2	43.8	19.6	81%
Calliope Hummingbird		0.1	0.1	
Hummingbird sp.	2.5	4.5	2.0	79%
Belted Kingfisher	21.4	26.6	5.2	24%
Acorn Woodpecker		0.9	0.9	
Yellow-bellied Sapsucker	0.3		-0.3	
Red-breasted Sapsucker	0.4	0.1	-0.3	-84%
Nuttall's Woodpecker	30.4	127.9	97.5	321%
Downy Woodpecker	0.3	20.4	20.1	6690%
Hairy Woodpecker	0.3	0.1	-0.2	-79%
Northern Flicker (Red-shafted)	53.8	17.2	-36.6	-68%
Northern Flicker (Yellow-shafted)	0.4		-0.4	
Woodpecker sp.		0.3	0.3	
Olive-sided Flycatcher	2.3	1.9	-0.4	-19%
Western Wood-Pewee	6.9	6.6	-0.3	-4%
Willow Flycatcher	0.5	1.1	0.6	117%
Dusky Flycatcher	0.1		-0.1	
Hammond's Flycatcher	0.4	0.3	-0.1	-20%
Pacific-slope Flycatcher	7.8	18.3	10.5	134%
Empidonax sp.	4.1	0.7	-3.4	-83%
Black Phoebe	78.5	260.7	182.2	232%
Eastern Phoebe	0.2		-0.2	
Say's Phoebe	31.5	97.3	65.8	209%
Ash-throated Flycatcher	11.4	6.1	-5.3	-47%
Tropical Kingbird		0.1	0.1	
Cassin's Kingbird	46.8	183.1	136.3	291%
Western Kingbird	12.4	13.2	0.8	6%
Eastern Kingbird	0.1		-0.1	
Scissor-tailed Flycatcher	0.1	0.1	0.0	28%
Kingbird sp.	1.2	1.5	0.3	22%
Horned Lark	13.4	1.1	-12.3	-91%
Purple Martin	0.1		-0.1	
Tree Swallow	267.4	836.7	569.3	213%
Violet-green Swallow	15.3	30.3	15.0	98%
Northern Rough-winged Swallow	226.5	203.3	-23.2	-10%

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Bank Swallow		0.1	0.1	
Cliff Swallow	1040	459.1	-580.9	-56%
Barn Swallow	31.6	95.6	64.0	203%
Swallow sp.	4.9	121.9	117.0	2388%
California Scrub-Jay	106.9	199.8	92.9	87%
Black-throated Magpie-Jay		0.1	0.1	
American Crow	6.3	466.5	460.2	7304%
Common Raven	26.7	85.1	58.4	219%
Mountain Chickadee		0.1	0.1	
Bushtit	1463.6	1163.5	-300.1	-21%
Verdin	0.1		-0.1	
Red-breasted Nuthatch		0.1	0.1	
White-breasted Nuthatch		0.3	0.3	
Cactus Wren	7.4		-7.4	
Rock Wren	0.2		-0.2	
Bewick's Wren	73.3	97.9	24.6	34%
House Wren	32	162.3	130.3	407%
Marsh Wren	243.2	314.5	71.3	29%
Wren sp.	3.1	2.0	-1.1	-36%
Golden-crowned Kinglet	0.1		-0.1	
Ruby-crowned Kinglet	42.8	36.9	-5.9	-14%
Blue-gray Gnatcatcher	15.6	13.1	-2.5	-16%
California Gnatcatcher	11.2	179.9	168.7	1506%
Black-tailed Gnatcatcher			0.0	
Gnatcatcher sp.	3.1	1.0	-2.1	-69%
Mountain Bluebird		0.1	0.1	
Western Bluebird	5.6	33.9	28.3	506%
Townsend's Solitaire	0.1		-0.1	
Swainson's Thrush	0.4	1.3	0.9	235%
Hermit Thrush	19	27.9	8.9	47%
American Robin	0.5	4.0	3.5	705%
Varied Thrush		0.1	0.1	
Wrentit	222.9	223.1	0.2	0%
Northern Mockingbird	194.6	131.4	-63.2	-33%
Sage Thrasher	0.1	0.1	0.0	-36%
California Thrasher	85.2	75.5	-9.7	-11%
American Pipit	87.9	48.9	-39.0	-44%
Cedar Waxwing	21.8	42.7	20.9	96%
Phainopepla	1.4	1.8	0.4	28%
Loggerhead Shrike	94.2	2.0	-92.2	-98%
European Starling	662.6	288.8	-373.8	-56%
Bell's Vireo		1.8	1.8	
Yellow-throated Vireo		0.1	0.1	
Plumbeous Vireo		0.8	0.8	

Species	73-'83 Annual Average	02-Current Annual Average	Change in Qty	Percent Change
Cassin's Vireo		0.3	0.3	
Cassin's/Plumbeous Vireo	0.5		-0.5	
Hutton's Vireo	1.3	6.3	5.0	386%
Warbling Vireo	13.6	12.4	-1.2	-9%
Vireo sp.		0.1	0.1	
Tennessee Warbler	0.1		-0.1	
Orange-crowned Warbler	25.1	83.5	58.4	233%
Nashville Warbler	4.2	0.8	-3.4	-80%
Yellow Warbler	4.5	27.3	22.8	507%
Yellow-rumped Warbler (Audubon's)	786.2	493.6	-292.6	-37%
Yellow-rumped Warbler (Myrtle)		0.3	0.3	
Yellow-rumped Warbler (form?)		19.6	19.6	
Black-throated Gray Warbler	5.8	2.2	-3.6	-61%
Townsend's Warbler	7.5	4.5	-3.0	-40%
Hermit Warbler	2.6	0.3	-2.3	-88%
Palm Warbler		0.1	0.1	
Northern Parula	0.1		-0.1	
Black-and-white Warbler	0.2	0.3	0.1	60%
American Redstart	0.3	0.1	-0.2	-79%
Northern Waterthrush	0.2	0.2	0.0	-4%
MacGillivray's Warbler	1	0.1	-0.9	-94%
Common Yellowthroat	205.6	684.9	479.3	233%
Wilson's Warbler	34.1	29.2	-4.9	-14%
Yellow-breasted Chat	0.1	26.6	26.5	26528%
Warbler sp.	0.6	3.1	2.5	421%
Western Tanager	5.2	4.3	-0.9	-16%
Summer Tanager	0.1	0.2	0.1	92%
Tanager sp.		0.1	0.1	
Rose-breasted Grosbeak		0.1	0.1	
Black-headed Grosbeak	16.7	86.3	69.6	417%
Blue Grosbeak		0.7	0.7	
Lazuli Bunting	0.5	0.5	0.0	2%
Spotted Towhee	41.3	159.8	118.5	287%
California Towhee	435.8	499.7	63.9	15%
Green-tailed Towhee		0.1	0.1	
Rufous-crowned Sparrow	1.4	0.1	-1.3	-95%
Black-throated Sparrow		0.1	0.1	
Vesper Sparrow	0.9	0.2	-0.7	-79%
Lark Sparrow	0.1	0.3	0.2	219%
Savannah Sparrow (Belding's)	423.3	653.8	230.5	54%
Savannah Sparrow (Large-billed)		0.1	0.1	
Savannah Sparrow (western group)	50.3	96.0	45.7	91%
Savannah Sparrow (form?)		21.3	21.3	
Chipping Sparrow	0.5	0.4	-0.1	-23%

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Clay-colored Sparrow		0.1	0.1	
Grasshopper Sparrow		0.3	0.3	
Nelson's Sparrow		0.1	0.1	
Fox Sparrow	0.9	1.0	0.1	6%
Song Sparrow	781.9	1013.0	231.1	30%
Lincoln's Sparrow	7.3	8.6	1.3	18%
Swamp Sparrow	0.4		-0.4	
Golden-crowned Sparrow	13.4	7.5	-5.9	-44%
Harris's Sparrow		0.1	0.1	
White-crowned Sparrow	726.2	550.7	-175.5	-24%
White-throated Sparrow	0.4	0.1	-0.3	-68%
Sparrow sp.		3.6	3.6	
Dark-eyed Junco (Oregon)		0.1	0.1	
Dark-eyed Junco (form?)	0.6	0.1	-0.5	-89%
Red-winged Blackbird	882.8	585.9	-296.9	-34%
Tricolored Blackbird	2.7		-2.7	
Yellow-headed Blackbird	0.2		-0.2	
Western Meadowlark	265.7	107.3	-158.4	-60%
Brewer's Blackbird	253	34.3	-218.7	-86%
Great-tailed Grackle		44.4	44.4	
Brown-headed Cowbird	15.2	97.1	81.9	539%
Blackbird sp.		2.6	2.6	
Hooded Oriole	15.9	27.1	11.2	70%
Bullock's Oriole	33.4	1.5	-31.9	-95%
Scott's Oriole			0.0	
Oriole sp.	1.3	2.4	1.1	82%
Purple Finch	0.3	0.5	0.2	70%
House Finch	2517.7	2652.4	134.7	5%
Pine Siskin	0.3	0.4	0.1	28%
Lesser Goldfinch	255.6	555.5	299.9	117%
American Goldfinch	30.3	79.1	48.8	161%
Lawrence's Goldfinch	21.2	1.3	-19.9	-94%
House Sparrow	34	159.8	125.8	370%
Orange Bishop		0.1	0.1	
Scaly-breasted Munia		16.2	16.2	
Flamingo	0.1		-0.1	
Domestic Mallard		0.6	0.6	
Bean Goose	0.1		-0.1	
Common Shelduck	0.2		-0.2	
Cockatiel		0.1	0.1	