

72nd Annual Calgary Christmas Bird Count - December 17, 2023

COUNT RESULTS	Total	Field	Feeders
Total Count - Species	72	70	30
Additional Count Week species	2	Yellow-rumped Warbler, Winter Wren	
Cumulative # of species since 1952	147		
New Species this year	3	Western Grebe, Gray Catbird Cassin's Finch	
Total Count - Individual Birds	35,833	32,120	3,713

Record	15-yr Avg	vs. Avg
78	66	9%
in 2003		
72,078	52,190	-31%
in 2015		

EFFORT SUMMARY	Total	Field	Feeders
Number of Unique Participants	247	130	117
Total Hours Spent	489	243	246
Total Distance Travelled (km)	1,969	1,969	
On foot	782	782	
Driving / Other	1,186	1,186	
Number of eBird checklists:	206		
Number of manual templates:	7		

	15-yr Avg	vs. Avg
Field only:	125	4%
Field only:	253	-4%
** Feeder data not available before 2019		

CONDITIONS

Beautiful day for the count - mostly clear and sunny, light winds. Temperatures ranged from -4 C up to 7 C. Weather has been mild so far this winter, resulting in more open water and less snowfall than usual.

New Record High Counts

Trumpeter Swan (19 vs prior high of 5)
Canvasback (8 vs prior high 2)
Redhead (62 vs prior high 35)
Ring-necked Duck (8 vs prior high 5)
Hooded Merganser (11 vs prior high of 8)
Northern Saw-whet Owl (3 vs prior high 2)
Mountain Chickadee (21 vs prior high 19)

Top Five Highest Counts

Canada Goose (8,984)
Mallard (6,812)
House Sparrow (6,432)
Black-billed Magpie (2,983)
Bohemian Waxwing (2,578)

Missing Regulars (> 13 reports in last 15 yrs)

None - all expected species seen

Unusual Species (< 5 reports in last 15 yrs)

Green-winged Teal (4 reports in last 15 yrs)
Canada Jay (not seen in count since 2007)
Steller's Jay (2 reports in last 15 yrs)

Notes

39 species above 15-yr avg, 31 below, 2 at avg

By family:

Corvids and Woodpeckers above avg
Sparrows, Chickadees & Nuthatches slightly above average
Waterfowl, Raptors, and Pigeons & Doves below average
Thrushes, Waxwings, and Finches well below

Notable Low Counts

Large shortfalls in total count:

Bohemian Waxwing (2,578 vs avg 9,900)
Mallard (6,812 vs avg 11,495)
Canada Goose (8,984 vs avg 12,128)

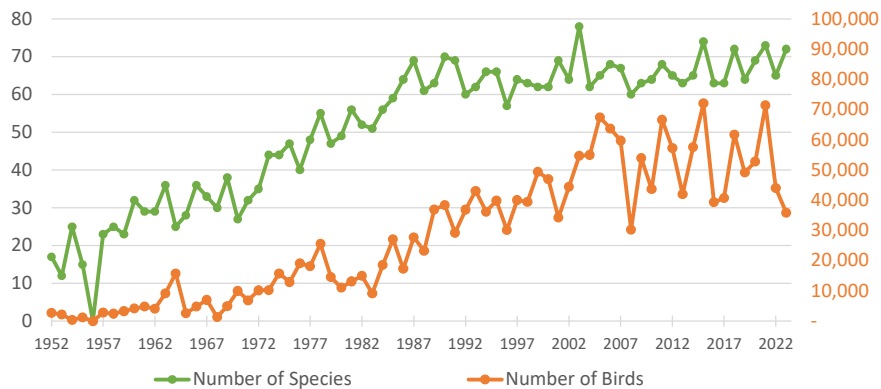
More than 90% below average:

European Starling (18 vs. avg 305)
American Robin (6 vs. avg 75)
Pine Siskin (13 vs. avg 191)
White-winged Crossbill (11 vs. avg 519)

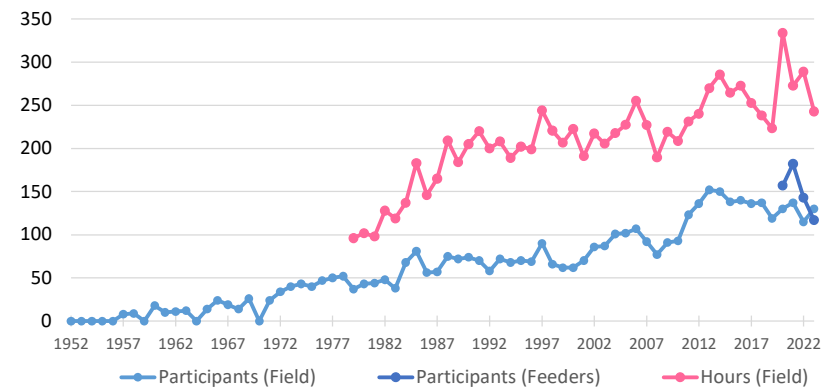
20 species seen in only one location, including:

Song Sparrow, American Dipper, Eurasian Collared-Dove, Pileated Woodpecker, and many waterfowl

Calgary Christmas Bird Count - Results



Calgary Christmas Bird Count - Effort



SPECIES COUNTS	Current Year Count	Field	Feeders	Count Week	Record High Count	Record Year	Prior Record (if broken this yr)	% of Years Reported Since 1952	15-yr Average	Current Yr vs. 15-yr Avg (Count)	Current Yr vs. 15-yr Avg (%)
Cackling Goose	3	3	-	-	139	2004		19%	8	(5)	-64%
Canada Goose	8,984	8,207	777	-	27,452	2004		73%	12,128	(3,144)	-26%
Trumpeter Swan	19	19	-	-	19	2023	5	14%	1	18	1325%
Wood Duck	6	6	-	-	40	2007		41%	3	3	80%
Gadwall	22	22	-	-	29	1987		41%	1	21	2257%
American Wigeon	1	1	-	-	42	2002		48%	1	(0)	-6%
Mallard	6,812	6,739	73	-	24,506	1992		97%	11,495	(4,683)	-41%
Northern Pintail	1	1	-	-	16	1988		58%	1	0	36%
Green-winged Teal	7	7	-	-	9	2005		52%		7	1650%
Canvasback	8	8	-	-	8	2023	2	16%	1	7	1400%
Redhead	62	62	-	-	62	2023	35	45%	12	50	411%
Ring-necked Duck	8	8	-	-	8	2023	5	21%	2	6	400%
Greater Scaup	2	2	-	-	6	2007		16%	1	1	200%
Lesser Scaup	2	2	-	-	14	1991		58%	3	(1)	-21%
Bufflehead	279	279	-	-	321	2015		71%	177	102	57%
Common Goldeneye	700	700	-	-	5,356	2007		96%	1,213	(513)	-42%
Barrow's Goldeneye	4	4	-	-	25	2016		71%	10	(6)	-62%
Hooded Merganser	11	11	-	-	11	2023	8	53%	3	8	267%
Common Merganser	60	60	-	-	159	2017		96%	71	(11)	-15%
Gray Partridge	88	63	25	-	276	1977		95%	74	14	19%
Ring-necked Pheasant	5	5	-	-	124	1961		96%	9	(4)	-46%
Western Grebe	1	1	-	-	1	2023	-	1%	-	1	-
Rock Pigeon (Feral Pigeon)	1,474	1,387	87	-	4,611	2006		68%	1,869	(395)	-21%
Eurasian Collared-Dove	13	13	-	-	63	2015		15%	17	(4)	-25%
Killdeer	5	5	-	-	18	1987		52%	4	1	34%
Sharp-shinned Hawk	5	4	1	-	10	2015		34%	5	0	0%
Cooper's Hawk	1	1	-	-	7	2013		37%	2	(1)	-48%
American Goshawk	2	2	-	-	9	2019		73%	4	(2)	-45%
Bald Eagle	18	17	1	-	55	2021		78%	32	(14)	-43%
Rough-legged Hawk	2	2	-	-	17	2015		70%	6	(4)	-64%
Great Horned Owl	8	8	-	-	26	1991		82%	6	2	26%
Northern Saw-whet Owl	3	2	1	-	3	2023	2	26%	1	2	350%
Belted Kingfisher	1	1	-	-	9	1988		71%	2	(1)	-53%
American Three-toed Woodpecker	1	1	-	-	5	2002		38%	1	0	15%
Downy Woodpecker	237	162	75	-	264	2021		93%	179	58	32%
Hairy Woodpecker	47	41	6	-	50	2018		84%	33	14	42%
Pileated Woodpecker	1	1	-	-	5	2015		49%	2	(1)	-53%
Northern Flicker	368	280	88	-	419	2021		77%	219	149	68%
Merlin	18	14	4	-	43	2015		90%	20	(2)	-8%
Northern Shrike	5	5	-	-	11	2015		77%	5	0	10%
Canada Jay	2	2	-	-	7	2006		21%	-	2	-
Steller's Jay	1	-	1	-	1	2023	1	5%		1	650%
Blue Jay	114	76	38	-	256	1994		60%	100	14	14%
Black-billed Magpie	2,983	2,636	347	-	3,096	2020		97%	2,389	594	25%
American Crow	108	93	15	-	152	2012		71%	84	24	29%
Common Raven	337	307	30	-	858	2017		68%	470	(133)	-28%
Black-capped Chickadee	1,812	1,588	224	-	2,221	2006		97%	1,769	43	2%
Mountain Chickadee	21	16	5	-	21	2023	19	48%	4	17	408%
Boreal Chickadee	6	5	1	-	101	1987		79%	16	(10)	-62%
Golden-crowned Kinglet	3	3	-	-	85	1990		84%	15	(12)	-80%
White-breasted Nuthatch	129	107	22	-	203	2014		79%	97	32	33%
Red-breasted Nuthatch	413	260	153	-	727	2015		74%	336	77	23%
Brown Creeper	18	18	-	-	33	2014		82%	16	2	10%

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Winter Wren	-	-	-	1	2	2019		4%		(0)	-100%
American Dipper	1	1	-	-	7	1994		60%	2	(1)	-50%
European Starling	18	18	-	-	1,445	1995		96%	305	(287)	-94%
Gray Catbird	1	1	-	-	1	2023	-	1%	-	1	-
Townsend's Solitaire	17	17	-	-	18	2021		48%	4	13	281%
American Robin	6	6	-	-	219	2001		62%	75	(69)	-92%
Bohemian Waxwing	2,578	2,302	276	-	20,012	2005		93%	9,900	(7,322)	-74%
Cedar Waxwing	2	2	-	-	88	2003		45%	12	(10)	-83%
House Sparrow	6,432	5,392	1,040	-	10,304	2000		95%	6,224	208	3%
Pine Grosbeak	185	168	17	-	862	2011		84%	143	42	30%
House Finch	1,038	698	340	-	2,015	2021		45%	1,179	(141)	-12%
Cassin's Finch	1	-	1	-	1	2023	-	1%	-	1	-
Common Redpoll	99	72	27	-	2,025	1995		90%	425	(326)	-77%
Red Crossbill	28	28	-	-	563	2015		37%	83	(55)	-66%
White-winged Crossbill	11	11	-	-	4,448	2015		59%	519	(508)	-98%
Pine Siskin	13	6	7	-	772	2003		62%	191	(178)	-93%
American Tree Sparrow	26	26	-	-	34	1999		45%	2	24	1596%
Dark-eyed Junco	116	87	29	-	683	2022		70%	184	(68)	-37%
White-throated Sparrow	4	2	2	-	15	1994		36%	3	1	33%
Song Sparrow	1	1	-	-	3	2007		26%		1	114%
Yellow-rumped Warbler	-	-	-	1	1	2012		5%		(0)	-100%
Other: Sp./Slash/Hybrid	15	15	-								