Clark's Crossing Christmas Bird Counts, 1991/92 - 2023/24 (corrected for effort: Corrected count = Raw count X Average party hours (all years) / Party hours)

Count Date	Average	12/16 2023	12/17 2022	12/18 2021	12/19 2020	12/21 2019	12/15 2018	12/16 2017	12/17 2016	12/19 2015	12/20 2014	12/14 2013	12/15 2012	12/17 2011	18/12 2010	19/12 2009	12/20 2008	12/15 2007	12/16 2006	12/17 2005	12/18 2004	12/20 2003	12/14 2002	12/15 2001	12/16 2000	12/18 1999	12/19 1998	12/20 1997	12/21 1996	12/16 1995	12/17 1994	1993	1992	1991
Total Species - count day	27	31	30	27	27	29	26	30	36	29	34	26	28	31	29	30	32	27	28	23	23	27	26	27	33	24	26	26	27	21	24	19	24	17
Total Species - count period				2																														
Party Hours	43.1	43.7	39.9	54.4	42.8	46.0	42.7	40.3	44.5	45.0	45.6	48.5	48.1	45.0	43.7	47.7	37.9	44.5	34.1	44.3	46.4	46.7	48.7	55.0	45.0	39	47.5	45.4	34.2	39.5	44.5	41	31.7	19.75
Participants	24	19	28	28	25	31	29	24	25	20	18	22	28	24	25	28	23	28	25	28	32	23	29	27	20	25	29	22	18	27	23	22	14	10
BIRDS																																		
Snow Goose																																		
Cackling Goose	0.39	12														0.90																		
Canada Goose	212	2033			1.0	5.6	488	37	527	88	23	0.89		72	36	79			24	128	1264	455	1231	24		127	113	34		1.1					
Duck sp.	9.0	296																																
Mallard	3.7	89		4.0			2.0		0.97				3.6	1.9									16	2.4		1.1		0.95						
Bufflehead	0.84	28																																
Common Goldeneye	41	213	41	9.5	70	72	244	28	0.97	56			8.1	1.9	33	9.9	41		2.5	4.9	42	30	7.1	150	39	90	0.91	48		6.5	3.9	37	1.4	55
Common Merganser	0.21	2.0					3.0								0.99									0.78										
Ruffed Grouse	0.06																								0.96		0.91							
Sharp-tailed Grouse	31	34	37	54	88	61	48	4.3	35	33	49	85	4.5	36	5.9	32	13	1.9	8.8	44	1.9	62	41	10	31	21	39	14	14	48		2.1	24	55
Gray Partridge	58	77	209	25	1.0	54	95	90	38	28	54	3.6	82	22	70	11	3.4	22	47	40	53	60	41	56	170	39	192	27	30	159	0.97	3.2	6.8	111
Chukar	0.03																															1.1		
Rock Pigeon (feral)	204	352	141	346	88	349	62	302	176	352	360	140	241	327	163	281	264	352	176	287	111	220	236	220	135	27	162	173	168	96	153	13	253	11
Eurasian Collared-Dove	1.3	0.99	17	2.4	16	1.9				0.96		0.89						0.97																
Mourning Dove	0.06							1.1		0.96																								
Wilson's Snipe	0.03																				0.93													
Hawk sp.	0.06										0.95					0.90																		
Sharp-shinned Hawk	0.25	2.0						2.1	0.97				0.90	0.96	0.99																			
Cooper's Hawk	0.03																				0.93													
American Goshawk	0.59			0.79									1.8		0.99	0.90		0.97	1.3				0.89		0.96	2.2			2.5		0.97	3.2	1.4	
Bald Eagle	1.6	6.9	1.1		5.0		2.0	2.1	2.9	7.7		1.8		3.8	2.0	0.90	1.1	0.97	1.3	2.9	0.93	0.92	1.8	0.78		4.4	0.91							
Red-tailed Hawk	0.03											0.89																						
Rough-legged Hawk	0.18								0.97						3.0						0.93					1.1								
Snowy Owl	3.2	2.0	2.2	1.6		4.7	2.0	2.1	0.97	1.9	0.95	4.4	4.5	2.9		2.7	3.4	0.97	3.8	3.9	2.8		4.4	6.3	2.9	2.2	3.6	6.6	1.3	8.7	3.9	4.2	5.4	6.5
Great Horned Owl	3.6	3.0	2.2	4.0	1.0	4.7	4.0	3.2	4.8	8.6	0.95	3.6	5.4	4.8	3.9	3.6	4.5	2.9	2.5	6.8	10	7.4	2.7	0.78	6.7	2.2	0.91	1.9	2.5	6.5	0.97	1.1	1.4	
Northern Hawk Owl	0.03																					0.92												
Great Gray Owl	0.04																												1.3					
Short-eared Owl	0.12													1.9				0.97			0.93													
Woodpecker sp.	0.35		3.2											0.96								0.92	0.89	1.6	0.96			0.95						2.2
Downy Woodpecker	8.1	9.9	15	17	7.1	14	17	16	15	0.96	0.95	16	23	5.7	2.0	8.1	5.7	6.8	18	13	2.8	3.7	6.2	7.1	5.7	5.5	5.4	4.7	5.0	3.3	2.9	2.1		2.2
Hairy Woodpecker	8.1	9.9	16	0.79	9.1	14	15	1.1	14	6.7	7.6	9.8	7.2	0.96	11	12	9.1	7.7	16	17	0.93	6.5	9.7	3.9	11	14	8.2	2.8	7.6	6.5	3.9	4.2	2.7	
Pileated Woodpecker	0.09		1.1									0.89						0.97																
Northern Flicker	0.56	0.99					1.0	1.1		1.9			0.90	2.9	0.99	2.7						0.92	2.7	1.6				0.95					
Merlin	0.80	0.99	2.2		2.0	0.94	1.0	3.2			1.9	0.89	1.8		0.99		2.3				0.93	1.8	0.89	0.78			0.91	0.95				2.1		
Gyrfalcon	0.18									0.96							1.1						0.89	0.78	0.96								1.4	
Prairie Falcon	0.02																							0.78										
Northern Shrike	0.44		1.1				2.0	2.1			0.95	0.89	0.90			0.90		0.97		0.97			0.89	0.78		1.1					0.97			
Blue Jay	4.8	11	3.2	0.79	12	23	17	18	8.7	3.8	4.7	5.3	1.8	0.96	6.9	9.9	2.3	6.8	7.6	1.9			2.7	3.1		2.2	0.91	0.95	1.3					
Black-billed Magpie	239	146	319	191	264	3.7	257	291	302	212	301	195	282	39	326	33	174	180	201	325	356	269	294	294	283	344	308	340	304	289	222	269	29	251
American Crow	0.13		1.1		1.0				0.97								1.1																	
Common Raven	95	126	179	184	162	322	245	183	214	183	405	33	280	209	24	79	14	55	28	0.97	29	18	36	1.6	2.9	40	28	14	6.3	17		9.5		6.5
Black-capped Chickadee	105	156	14	109	147	172	198	178	20	130	129	26	158	142	194	167	143	0.97	125	124	111	78	131	129	147	13	64	92	120	82	54	44	42	33
Boreal Chickadee	0.03																			0.97														
Horned Lark	0.64						3.0								8.9	1.8				2.9	0.93									1.1		1.1	1.4	
Golden-crowned Kinglet	0.18											0.89	1.8																	3.3				
Red-breasted Nuthatch	6.9	4.9	21	4.0	14	12	17	12	31	2.9	0.95	0.89	44	2.9	3.9	33	2.3	3.9	1.3		2.8	3.7		1.6	0.96	7.7								
White-breasted Nuthatch	1.3	9.9	3.2	2.4	2.0	0.94	7.1	8.6		2.9	2.8	1.8				0.90	1.1																	
Brown Creeper	0.29					1.9		1.1	1.9				2.7				1.1							0.78										
European Starling	54	34	31	33	98	17	16	35	82	175	156	0.89	19	110	271	25	18	159	44	24	14	50	30	45	44	36	4.5	32	2.5	20	49	8.4	16	70
Townsend's Solitaire	0.11			0.79						0.96	0.95			0.96																				
Varied Thrush	0.06			0.79				1.1																										
American Robin	3.5				3.0	1.9	7.1	1.1		0.96	0.95	31	0.90	0.96	2.0	1.8	1.1	16			0.93			6.3	0.96		0.91	4.7	1.3	24		2.1		
Waxwing sp.	0.14																											4.7						
Bohemian Waxwing	238	67	83	3.2	55	34		36	182	64	178	9.8	650		2287			24	375	1115	43		60		8.6		203	525	40	1049	34	12	67	177
Cedar Waxwing	1.4											2.7				15												20				1.1	8.2	
House Sparrow	1081	1305	160	1565	149	1805	1537	20	154	129	1349	11	872	1170	222	159	1580	2088	1869	208	2094	2166	1519	213	1591	1103	1956	2080	1132	179	139	1341	1735	2082
Pine Grosbeak	9.5	2.0			1.0			36		20	1.9		84	2.9				0.97	15		0.93	0.92		2.4	0.96		3.6	51	3.8	34	37			15
House Finch	40	150	69	62	193	80	92	154	113	50	112	63	38	1.9	14	2.7	41	6.8		0.97	31	4.6	19	29			1.8							
Purple Finch	0.27		2.2							6.7																								
Common Redpoll	201	135	3.2	895	24		122	129	5.8	532	30		1699	44	6.9	11	378	621	49		62	54		568		23	242	72		810	18	6.3	72	4.4
Hoary Redpoll	2.5			4.8				2.1		4.8			9.9	4.8				0.97	2.5						27	15			12					
Red Crossbill	0.61									20																								
White-winged Crossbill	5.9				27			5.3	33	30			30		6.9	33	1.1						0.89	3.1						24				
Pine Siskin	3.2		13			6.6	15	7.5	3.9							35						0.92		4.7	14									
American Goldfinch	0.15							2.1	0.97				0.90									0.92												
Lapland Longspur	0.34																						1.8									9.5		
Snow Bunting	316	51	57	518	88	53	576	62	0.97	23		1463	429		31	56	279	404	181	38	33	3.7	5.3	212	254	7.7	1503	30	1509	1012	265	44	1205	39
American Tree Sparrow	0.06																			0.97		0.92												
Dark-eyed Junco	1.1			0.79		3.7	3.0	1.1		1.9					0.99	2.7		0.97				1.8	12		0.96	1.1	0.91	0.95	2.5		0.97	1.1		
Harris's Sparrow	0.06										0.95				0.99																			
White-throated Sparrow	0.03																										0.91							
Red-winged Blackbird	0.14		1.1		2.0																								1.3					
Rusty Blackbird	0.16		1.1											0.96												1.1	0.91				0.97			
Brewer's Blackbird	0.03																													1.1				
Common Grackle	0.15				3.0												1.1							0.78										
Total Birds - count day	3004	5369	1451	4039	1533	3119	4100	1680	1972	2180	3173	2113	4989	2215	3740	1112	2985	3969	3200	2391	4270	3502	3715	2005	2752	1943	4863	3585	3355	3892	993	1822	3473	2920

Count Date	12/16 2023	12/17 2022	12/18 2021	12/19 2020	12/21 2019	12/15 2018	12/16 2017	12/17 2016	12/19 2015	12/20 2014	12/14 2013	12/15 2012	12/17 2011	18/12 2010	19/12 2009	12/20 2008	12/15 2007	12/16 2006	12/17 2005	12/18 2004	12/20 2003	12/14 2002	12/15 2001	12/16 2000	12/18 1999	12/19 1998	12/20 1997	12/21 1996	12/16 1995	12/17 1994	1993	1992	1991
Total Species - count day	31	30	27	27	29	26	30	36	29	34	26	28	31	29	30	32	27	28	23	23	27	26	27	33	24	26	26	27	21	24	19	24	17
Total Species - count period			2	2	4	1	1					1						1		1				1		2					1		
Party Hours	43.7	39.9	54.4	42.8	46.0	42.7	40.3	44.5	45.0	45.6	48.5	48.1	45.0	43.7	47.7	37.9	44.5	34.1	44.3	46.4	46.7	48.7	55.0	45.0	39	47.5	45.4	34.2	39.5	44.5	41	31.7	19.75
Participants	19	28	28	25	31	29	24	25	20	18	22	28	24	25	28	23	28	25	28	32	23	29	27	20	25	29	22	18	27	23	22	14	10
BIRDS																																	
Snow Goose																																	
Cackling Goose	12														1																		
Canada Goose	2063		-25	1	6	483	35	544	92	24	1		75	36	87			19	131	1361	493	1391	31		115	125	36		1				
Duck sp.	300																																
Mallard	90		5			2		1				4	2									18	3		1		1						
Bufflehead	28																																
Common Goldeneye	216	38	12	69	77	242	26	1	58			9	2	33	11	36		2	5	45	33	8	192	41	81	1	51		6	4	35	1	25
Common Merganser	2					3								1									1										
Ruffed Grouse																			-1					1		1							
Sharp-tailed Grouse	35	34	68	87	65	48	4	36	34	52	96	5	38	6	35	11	2	7	45	2	67	46	13	32	19	43	15	11	44		2	18	25
Gray Partridge	78	194	32	1	58	94	84	39	29	57	4	92	23	71	12	3	23	37	41	57	65	46	72	177	35	212	28	24	146	1	3	5	51
Chukar																															1		
Rock Pigeon (feral)	357	131	437	87	372	61	282	182	368	381	158	269	341	165	311	232	363	139	295	119	238	267	281	141	24	178	182	133	88	158	12	186	5
Eurasian Collared-Dove	1	16	3	16	2				1		1						1																
Mourning Dove							1		1																								
Wilson's Snipe																				1													
Hawk sp.										1					1																		
Northern Harrier																									-1								
Sharp-shinned Hawk	2				-1		2	1				1	1	1																			
Cooper's Hawk																				1													
American Goshawk			1	-1								2		1	1		1	1				1		1	2			2		1	3	1	
Bald Eagle	7	1	-1	5		2	2	3	8		2		4	2	1	1	1	1	3	1	1	2	1		4	1							
Red-tailed Hawk											1																						
Rough-legged Hawk								1						3						1					1								
Snowy Owl	2	2	2	-1	5	2	2	1	2	1	5	5	3		3	3	1	3	4	3		5	8	3	2	4	7	1	8	4	4	4	3
Great Horned Owl	3	2	5	1	5	4	3	5	9	1	4	6	5	4	4	4	3	2	7	11	8	3	1	7	2	1	2	2	6	1	1	1	
Northern Hawk Owl				-1																	1												
Great Gray Owl																												1					
Short-eared Owl													2				1			1													
Northern Saw-whet Owl																	-1																
Woodpecker sp.		3											1								1	1	2	1			1						1
Downy Woodpecker	10	14	21	7	15	17	15	15	1	1	18	26	6	2	9	5	7	14	13	3	4	7	9	6	5	6	5	4	3	3	2		1
Hairy Woodpecker	10	15	1	9	15	15	1	14	7	8	11	8	1	11	13	8	8	13	17	1	7	11	5	11	13	9	3	6	6	4	4	2	
Pileated Woodpecker		1									1						1																
Northern Flicker	1					1	1		2			1	3	1	3						1	3	2				1						
Merlin	1	2		2	1	1	3			2	1	2		1		2				1	2	1	1			1	1				2		
Gyrfalcon									1						1	1						1	1	1								1	
Prairie Falcon																							1										
Northern Shrike		1				2	2			1	1	1			1		1		1			1	1		1				1				
Blue Jay	11	3	1	12	25	17	17	9	4	5	6	2	1	7	11	2	7	6	2			3	4		2	1	1	1					
Black-billed Magpie	148	295	241	262	4	255	272	312	221	318	219	315	41	331	37	153	186	159	334	383	291	332	375	295	311	339	358	241	265	229	256	21	115
American Crow		1		1				1								1																	
Common Raven	128	166	232	161	344	243	171	221	191	429	37	313	218	24	87	12	57	22	1	31	19	41	2	3	36	31	15	5	16		9		3
Black-capped Chickadee	158	13	137	146	184	196	166	21	136	137	29	176	148	197	185	126	1	99	127	119	84	148	164	153	12	71	97	95	75	56	42	31	15
Boreal Chickadee																			1														
Horned Lark						3								9	2				3	1									1		1	1	
Golden-crowned Kinglet											1	2																	3				
Red-breasted Nuthatch	5	19	5	14	13	17	11	32	3	1	1	49	3	4	36	2	4	1		3	4		2	1	7								
White-breasted Nuthatch	10	3	3	2	1	7	8		3	3	2				1	1																	
Brown Creeper					2		1	2				3				1							1										
European Starling	35	29	41	97	18	16	33	85	183	165	1	21	115	275	28	16	164	35	25	15	54	34	58	46	33	5	34	2	18	51	8	12	32
Townsend's Solitaire			1						1	1			1																				
Varied Thrush			1				1																										
American Robin				3	2	7	1		1	1	35	1	1	2	2	1	17			1			8	1		1	5	1	22	-1	2		
Waxwing sp.																											5						
Bohemian Waxwing	68	77	4	55	36		34	188	67	188	11	725		2319			25	297	1145	46		68	-1	9	-1	224	553	32	961	35	11	49	81
Cedar Waxwing											3				17												21				1	6	
House Sparrow	1324	148	1974	148	1926	1523	19	159	135	1427	12	973	1221	225	176	1389	2156	1479	214	2254	2347	1716	272	1661	998	2156	2191	898	164	144	1276	1276	954
Pine Grosbeak	2			1			34		21	2		94	3				1	12		1	1		3	1		4	54	3	31	38			7
House Finch	152	64	78	192	85	91	144	117	52	118	71	42	2	14	3	36	7		1	33	5	21	37			2							
Purple Finch		2							7																								
Common Redpoll	137	3	1129	24		121	121	6	555	32		1896	46	7	12	332	641	39		67	59		725		21	267	76		742	19	6	53	2
Hoary Redpoll			6				2		5			11	5				1	2							24	17			11				
Red Crossbill									21																								
White-winged Crossbill				27			5	34	31			34		7	37	1						1	4					22					
Pine Siskin		12		-3	7	15	7	4							39						1		6	15									
American Goldfinch							2	1				1									1												
Lapland Longspur																						2									9		
Snow Bunting	52	53	653	87	57	571	58	1	24		1646	479		31	62	245	417	143	39	35	4	6	271	265	7	1656	32	1197	927	274	42	886	18
American Tree Sparrow																			1		1												
Dark-eyed Junco			1		4	3	1		2					1	3		1				2	13		1	1	1	1	2		1	1		
Harris's Sparrow										1				1																			
White-throated Sparrow																										1							
Blackbird sp.																																	
Red-winged Blackbird		1		2		-1																						1					
Rusty Blackbird		1									-3		1												1	1			1				
Brewer's Blackbird																													1				
Common Grackle				3												1							1										
Total Birds - count day	5448	1344	5094	1522	3329	4062	1571	2036	2276	3357	2378	5568	2313	3792	1231	2625	4098	2532	2455	4597	3794	4197	2558	2873	1758	5359	3776	2662	3567	1025	1733	2554	1338
Total Birds - count period			26	6	1	1					3						1		1				1		2					1			

- a minus sign is a count period observaation