

## Howard County Fall Count - Cumulative Record

Name	Sum	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Min	Max	Misses
Snow Goose	2		1			1													1	14
Canada Goose	16258	673	997	858	637	848	925	944	1988	914	720	779	1619	1226	1077	614	1439	614	1988	None
Mute Swan	30	2	2	2	5	7	3	1	1	2	1	1	1	1	1				7	2
Wood Duck	491	39	94	8	27	14	33	16	14	48	21	16	32	33	28	27	41	8	94	None
American Wigeon	5					2								3					3	14
American Black Duck	18		5	5	2	2	2	2					1				1		5	9
Mallard	3925	390	347	291	321	288	248	219	220	180	175	236	236	224	181	150	219	150	390	None
Blue-winged Teal	22	2	6	2							6		4				2		6	10
Northern Pintail	1									1									1	15
Green-winged Teal	49	6	17			1		4	1		8		1		4		7		17	7
Ring-necked Duck	2				1							1							1	14
Hooded Merganser	2												2						2	15
Ruddy Duck	3					2										1			2	14
Wild Turkey	1							1											1	15
Northern Bobwhite	6	2	3										1						3	13
Common Loon	2						1						1						1	14
Pied-billed Grebe	34	2	5	1	4	9	4				1		4		1		3		9	6
Double-crested Cormorant	113	2	14	10		7		6	12	7	13	18	2	2	1	5	14		18	2
American Bittern	1					1													1	15
Least Bittern	1		1																1	15
Great Blue Heron	535	30	31	24	29	30	33	36	29	34	34	33	48	40	42	29	33	24	48	None
Great Egret	74	3	2	3	4	7	3	3	2	4	3	12	4	8	6	5	5	2	12	None
Little Blue Heron	5	1															4		4	14
Green Heron	297	23	33	9	20	24	11	11	23	16	14	11	30	17	17	13	25	9	33	None
Black-crowned Night-Heron	25		3	2	1	3	1	1		4		5	2	1	1		1		5	4
Glossy Ibis	6											6							6	15
Black Vulture	1910	123	50	105	45	117	52	65	209	119	125	96	153	94	249	136	172	45	249	None
Turkey Vulture	3487	280	122	258	123	170	201	164	235	197	214	208	285	148	297	325	260	122	325	None
Osprey	144	17	17	10	9	5	7	3	10	10	10	12	8	9	9	3	5	3	17	None
Bald Eagle [ad/im/unk]	39	1	2	1		1	4	3	2	2	1	4	1	4	1	6	6		6	1
Northern Harrier	23	2		1	1	3	3	2		1	1	2	2	3	1		1		3	3
Sharp-shinned Hawk	617	16	29	23	13	15	29	372	21	11	7	12	5	22	18	13	11	5	372	None
Cooper's Hawk	163	5	3	4	6	5	7	5	6	10	12	8	11	30	26	9	16	3	30	None
<i>accipiter species</i>	66	1	2	5	4		2	7	4	4	2	3	8	4	11	6	3		11	1
Red-shouldered Hawk	657	30	28	26	22	26	46	56	41	31	41	16	32	54	58	71	79	16	79	None
Broad-winged Hawk	9062	578	80	3812	25	23	2427	985	232		39	111	9	69	109	67	496		3812	1
Red-tailed Hawk	336	13	12	8	13	13	26	21	22	17	15	20	23	22	33	42	36	8	42	None
<i>buteo species</i>	7														7				7	15
Golden Eagle	1													1					1	15
American Kestrel	349	21	53	20	43	30	19	14	19	27	12	9	12	14	18	23	15	9	53	None

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Name	Sum	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Min	Max	Misses
Merlin	11	1	1			2	1		2	1	1	1			1				2	7
Peregrine Falcon	1											1							1	15
Sora	3	1											2						2	14
Common Moorhen	1						1												1	15
American Coot	2					1		1											1	14
Black-bellied Plover	4		2			2													2	14
American Golden-Plover	1								1										1	15
Semipalmated Plover	4		2			2													2	14
Killdeer	1243	154	181	91	186	68	35	47	74	48	17	38	143	26	17	69	49	17	186	None
Greater Yellowlegs	3		1		1					1									1	13
Lesser Yellowlegs	44		8		5	1			2	2	1	4	7		3		11		11	6
Solitary Sandpiper	59	5	7	1	1	6		1	2	7	2	3	6		6	3	9		9	2
Spotted Sandpiper	40	3	3		3	3		1		3	2	3	10	1	2		6		10	4
Semipalmated Sandpiper	25		9									11	3	2					11	12
Western Sandpiper	6											6							6	15
Least Sandpiper	116		2	1		7		1				42	24	13	4		22		42	7
White-rumped Sandpiper	4												4						4	15
Pectoral Sandpiper	21	7	3										6	3	2				7	11
Dunlin	1								1										1	15
Stilt Sandpiper	1												1						1	15
Common Snipe	5				1		2						1	1					2	12
American Woodcock	1											1							1	15
Laughing Gull	4240	3533	570	63	24	17	4					1	3				25		3533	7
Ring-billed Gull	3528	2508	153	670	22	28	12	17	35	13	27	6	8	8	9	4	8	4	2508	None
Herring Gull	259	150	11	73	14	2	2		4			2		1					150	7
<i>gull species</i>	281	22	41	200	1	2	4	5		3				3					200	7
Caspian Tern	19		4	3		3					3	1		3	2				4	9
Black Tern	1													1					1	15
Rock Pigeon	8890	446	953	412	1033	517	556	441	408	703	855	228	358	538	667	405	370	228	1033	None
Mourning Dove	9503	787	883	362	658	849	441	480	408	582	380	343	632	1293	488	488	429	343	1293	None
Black-billed Cuckoo	9			3					1		2		1				2		3	11
Yellow-billed Cuckoo	95	4	8	11	2	5	10	4	2	7	3		12	7	1	12	7		12	1
Eastern Screech-Owl	53	5	3	1	5	8	4		1	5		1	5	3	1	6	5		8	2
Great Horned Owl	48	5	8	5	5	7	7					1	3	1	1	3	2		8	4
Barred Owl	66	6	8	7	1	4	1	2	2	4	2		7	2	3	9	8		9	1
Northern Saw-whet Owl	5						5												5	15
Common Nighthawk	75	7	2	7	7			1		18	2	1	1	21		1	7		21	4
Chimney Swift	6429	658	1170	489	441	550	689	275	159	644	179	283	482	160	70	95	85	70	1170	None
Ruby-throated Hummingbird	350	19	29	14	5	28	8	14	32	18	13	11	24	37	38	27	33	5	38	None
Belted Kingfisher	461	24	39	21	28	41	25	33	23	48	13	17	29	28	22	28	42	13	48	None
Red-headed Woodpecker	16							2	2	3						3	6		6	11

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Red-bellied Woodpecker	3064	236	172	155	154	215	200	192	218	267	170	67	175	214	155	279	195	67	279	None
Yellow-bellied Sapsucker	9			1		2			1			1		2		2			2	10
Downy Woodpecker	2051	134	131	130	84	117	120	155	137	137	121	64	142	158	116	179	126	64	179	None
Hairy Woodpecker	374	29	23	26	22	21	29	18	33	28	15	15	23	22	16	31	23	15	33	None
Northern Flicker	1800	177	181	124	120	156	129	114	101	119	91	44	67	112	43	119	103	43	181	None
Pileated Woodpecker	410	31	12	21	26	19	42	30	29	27	24	6	25	29	22	31	36	6	42	None
Olive-sided Flycatcher	5	3								1			1						3	13
Eastern Wood-Pewee	601	38	40	30	22	26	33	42	50	25	28	11	56	74	57	30	39	11	74	None
Yellow-bellied Flycatcher	6	2												2			2		2	13
Acadian Flycatcher	37	2		2		1	1	4	4	1			12	6	3	1			12	5
Willow Flycatcher	1							1											1	15
Least Flycatcher	6	1	2													2	1		2	12
<i>Empidonax species</i>	290	9	18	11	9	23	14	26	25	18	16	3	23	31	24	20	20	3	31	None
Eastern Phoebe	862	33	58	43	40	36	43	62	36	73	45	32	43	93	68	72	85	32	93	None
Great Crested Flycatcher	32	2	1	4	2			1		1			3	5	8	4	1		8	5
Eastern Kingbird	17	1		1			1	1		2	2	1	1	4	3				4	6
White-eyed Vireo	401	77	49	10	14	17	18	28	26	32	32	3	50	17	7	8	13	3	77	None
Blue-headed Vireo	23			4	1	2	4	1	2	1	2			2		3	1		4	5
Yellow-throated Vireo	51	12	6	4	1	1	2	4	2		3		11	1	1		3		12	3
Warbling Vireo	9	1				2	1	1	1	1			1		1				2	8
Philadelphia Vireo	21	6		2		1	1	2	3				1			3	2		6	7
Red-eyed Vireo	785	114	63	62	28	57	38	56	40	25	55	8	50	53	12	63	61	8	114	None
Blue Jay	11817	880	686	1189	658	704	644	577	687	794	493	309	625	878	562	1389	742	309	1389	None
American Crow	9520	1022	810	786	674	819	739	959	799	457	115	225	304	363	467	445	536	115	1022	None
Fish Crow	1227	224	59	46	43	47	14	22	30	21	13	5	188	7	23	27	458	5	458	None
<i>crow species</i>	7127	638	871	655	829	483	459	444	607	346	73	155	173	237	798	251	108	73	871	None
Common Raven	2														2				2	15
Horned Lark	297			11					10				19	10	14	230	3		230	9
Purple Martin	23		1			4	17							1					17	12
Tree Swallow	443		8	21	3		16	1	39	1	23	61	17	85	7	160	1		160	2
N. Rough-winged Swallow	32								6		20	4				2			20	12
Bank Swallow	1										1								1	15
Cliff Swallow	3		1								2								2	14
Barn Swallow	268	4	34	26	83	21	59	1	7		22	2	5	3		1			83	3
Carolina Chickadee	6522	447	504	378	283	415	398	566	523	475	229	198	352	450	425	472	407	198	566	None
Tufted Titmouse	4351	292	295	299	217	300	263	324	344	317	177	158	228	261	257	360	259	158	360	None
Red-breasted Nuthatch	42				23		2	1	1				14		1				23	10
White-breasted Nuthatch	1709	69	81	64	60	77	112	103	134	114	89	35	173	153	103	166	176	35	176	None
Brown Creeper	3				2				1										2	14
Carolina Wren	4063	232	222	120	165	227	262	240	257	405	165	99	368	419	191	349	342	99	419	None
House Wren	543	41	74	28	20	32	22	36	27	34	24	7	57	50	25	36	30	7	74	None

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Winter Wren	3												1			1	1		1	13
Sedge Wren	2					2													2	15
Marsh Wren	3			2										1					2	14
Golden-crowned Kinglet	2						2												2	15
Ruby-crowned Kinglet	58	4		6	2	7	5	9	10		2	3	1	1		6	2		10	3
Blue-gray Gnatcatcher	99	14	12	13	2	2		13	4	2	8		10	8	2	3	6		14	2
Eastern Bluebird	2527	153	156	81	263	107	142	163	172	213	64	90	220	142	128	228	205	64	263	None
Veery	64	13	12	2	4	7	1	2		2	1		3	4	4	3	6		13	2
Gray-cheeked Thrush	4	2			1						1								2	13
Bicknell's Thrush	1							1											1	15
Swainson's Thrush	95	24	12	8	2	9	1	13	1	4	1	2	1		4	7	6		24	1
Hermit Thrush	1								1										1	15
Wood Thrush	445	58	49	17	10	35	16	25	11	29	10	20	38	49	41	21	16	10	58	None
American Robin	9642	693	634	440	403	519	240	267	306	608	448	942	672	840	606	1239	785	240	1239	None
Gray Catbird	7157	488	536	385	323	445	317	522	510	570	435	227	463	547	350	630	409	227	630	None
Northern Mockingbird	3272	241	273	234	133	297	191	212	268	309	143	89	161	238	125	225	133	89	309	None
Brown Thrasher	417	33	22	8	11	28	15	10	12	37	31	5	38	38	7	102	20	5	102	None
European Starling	44818	4403	6023	2466	5948	3910	1754	1472	1904	2735	1406	2111	1901	3511	2712	1483	1079	1079	6023	None
American Pipit	4			3									1						3	14
Cedar Waxwing	2058	147	214	211	95	56	272	134	122	75	11	8	44	177	191	105	196	8	272	None
Blue-winged Warbler	31	3	3	1		6	1	2		3	5	1	3		1		2		6	4
Golden-winged Warbler	2			1										1					1	14
<i>Brewster's Warbler(hybrid)</i>	1			1															1	15
Tennessee Warbler	63	7	2	2	1	3	3	12	4	9	7		1	2		4	6		12	2
Orange-crowned Warbler	2			1		1													1	14
Nashville Warbler	67	5	6	3	3	2	5	10	13	2	4	1	4	2		3	4	1	13	1
Northern Parula	224	26	23	14	7	24	8	10	12	9	17	3	8	7	2	22	32	2	32	None
Yellow Warbler	32	8	4	2	1	1	2	6		1	1		3	1		1	1		8	3
Chestnut-sided Warbler	249	53	26	24	7	11	11	28	21	4	12	4	8	8	7	11	14	4	53	None
Magnolia Warbler	882	127	46	73	18	49	41	86	111	72	68	11	44	28	16	45	47	11	127	None
Cape May Warbler	9	1	1			1		1	1	1	1					1	1		1	7
Blk.-throtd. Blue Warbler	286	46	42	22	10	26	8	19	14	12	24	6	4	11	3	32	7	3	46	None
Yel.-rump'd (Myrtle) Warbler	32	8			1	3		4	1	5	1	1	4		2		2		8	5
Blk.-throtd. Green Warbler	466	37	18	72	18	17	23	70	73	11	51	3	15	11	18		29		73	1
Blackburnian Warbler	66	13	3	11	5	5	3	11	3		6		1			1	4		13	4
Yellow-throated Warbler	9	1	1	2		2								1		1	1		2	9
Pine Warbler	76	3	1	5	2	7	6	5	4	9	7	2	3	6	1	8	7	1	9	None
Prairie Warbler	40	3	9	3		9	2	3	2	3	2				1	1	2		9	4
Palm Warbler	166		8	2	8	20	8	7	9	1	6		5	1	4	59	28		59	2
Bay-breasted Warbler	27	8	3	1			2	1	5		2			1		2	2		8	6
Blackpoll Warbler	38	4	9			1	2	1	4		3		7			2	5		9	6

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Cerulean Warbler	4		1						1							1	1		1	12
Black-&-white Warbler	621	79	74	41	11	69	7	25	25	58	18	22	25	42	31	39	55	7	79	None
American Redstart	892	169	134	29	26	115	33	50	27	59	38	19	33	47	34	35	44	19	169	None
Worm-eating Warbler	18	2	1	1	1	1			2		1		1	3	4		1		4	5
Ovenbird	101	15	7	2	3	9	8	4	10	1	9	3	7	3	5	3	12	1	15	None
Northern Waterthrush	29	4	5	1	3	1			1	3	2		2	3	1	1	2		5	3
Louisiana Waterthrush	101		4					1			1				95				95	12
Kentucky Warbler	16	8	2	1					1	2				2					8	10
Connecticut Warbler	10	2	1	2		2		1	1								1		2	9
Mourning Warbler	5	1	1			1			1				1						1	11
Common Yellowthroat	1587	209	176	71	61	167	62	62	70	155	57	45	79	103		150	120	45	209	1
Hooded Warbler	12	2				1		3	2		1				2	1			3	9
Wilson's Warbler	20	3	1	1	2	4			2	3				3		1			4	7
Canada Warbler	34	7	5	4		5	1	6	4						1		1		7	7
Yellow-breasted Chat	9	1		1				1	1	3	1				1				3	9
<i>warbler species</i>	868	149	70	109	44	72	27	85	59	35	17	9	37	36	8	30	81	8	149	None
Summer Tanager	3	1	2																2	14
Scarlet Tanager	190	35	18	9	8	4	13	9	6	9	10	3	18	16	5	14	13	3	35	None
Eastern Towhee	854	60	50	48	39	36	48	50	70	74	42	23	51	67	51	92	53	23	92	None
Chipping Sparrow	1220	52	45	8	46	56	62	62	139	73	61	121	109	59	67	136	124	8	139	None
Field Sparrow	546	53	59	78	40	22	16	6	26	32	24	13	27	29	29	47	45	6	78	None
Vesper Sparrow	5	3					1			1									3	13
Savannah Sparrow	148			5	1	4	11	7	8	14	15		2	11	4	16	50		50	3
Grasshopper Sparrow	19				2	1		2	2				6	1	1		4		6	8
Song Sparrow	1248	72	92	85	68	75	52	67	44	108	63	20	87	135	49	118	113	20	135	None
Lincoln's Sparrow	7			3					1		2						1		3	12
Swamp Sparrow	24				8	3	1	1	2	3		3				1	2		8	7
White-throated Sparrow	11		2	1		4	1		1	1		1							4	9
<i>sparrow species</i>	291	16	26	2	28	18		9	9	27	27	2	23	8	64	24	8		64	1
Dark-eyed Junco	2			1										1					1	14
Northern Cardinal	9718	516	654	482	399	558	459	629	637	650	613	479	571	995	766	758	552	399	995	None
Rose-breasted Grosbeak	213	22	15	8	9	5	22	25	13	5	11	10	9	16	1	11	31	1	31	None
Blue Grosbeak	145	19	8	2			5	3	7	4		6	11	40	15	10	15		40	3
Indigo Bunting	1519	44	74	63	74	119	67	79	126	99	69	78	145	157	50	163	112	44	163	None
Bobolink	165	2			3	3		6		5	1	1	81	3	24	35	1		81	4
Red-winged Blackbird	4078	833	791	352	430	256	201	200	524	150	10	1	92	44	61	35	98	1	833	None
Eastern Meadowlark	57	2					4			1	1	11	4	12	2	18	2		18	6
Common Grackle	11917	545	2880	2597	79	1010	609	266	530	1079	366	211	1192	218	40		295		2880	1
Brown-headed Cowbird	4292	349	881	53	1692	66	20	37	671	20	5	45	38	29	178	177	31	5	1692	None
<i>blackbird species</i>	5348		284	437	4055	266	50	85	30		3	20	3	95		20			4055	4
Orchard Oriole	2		1										1						1	14

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Baltimore Oriole	27	4	2	4	1	2	1	2	2		2		4	2			1		4	4
Purple Finch	2													2					2	15
House Finch	4242	524	530	348	353	272	202	218	362	363	96	71	117	249	127	231	179	71	530	None
American Goldfinch	8417	405	709	308	418	449	529	612	836	594	302	233	659	557	642	695	469	233	836	None
House Sparrow	5622	453	428	167	222	272	332	590	421	446	363	177	287	467	365	322	310	167	590	None
Day and Month	597717	9/17	9/16	9/21	9/20	9/19	9/18	9/16	9/15	9/21	9/20	9/18	9/17	9/16	9/15	9/20	9/19	34594	40075	None
Start Time		NA	3:15 AM	4:00 AM	4:30 AM	6:30 AM	4:20 AM	6:30 AM	4:45 AM	4:45 AM	6:00 AM	6:30 AM	5:30 AM	5:00 AM	5:00 AM	4:00 AM	4:55 AM	3:15 AM	6:30 AM	
End Time		NA	7:30 PM	7:50 PM	7:30 PM	7:35 PM	7:45 PM	8:00 PM	8:00 PM	7:30 PM	7:50 PM	8:00 PM	7:45 PM	8:00 PM	8:15 PM	11:45 PM	8:00 PM	7:30 PM	11:45 PM	
Hours on Foot:	2430.4	177.7	173.9	137.9	145.1	148.9	137.5	171.5	157.3	159.4	132.6	93.7	174.5	156	149.1	148.2	167.2	93.7	177.7	
Hours by Car:	381.74	42.25	25.75	22.23	21.65	17.3	18.2	23.4	28.5	19.1	19.6	24.7	21.4	19.1	16.8	28.892	32.9	16.8	42.25	
Hours by Boat:	3.5		1.5							2										2
Hours Other:	3.4	1.5		1.9																1.9
Miles on Foot:	1844.3	99.4	138.1	100.6	128.3	115.3	103.3	134.8	125.8	123.1	101.2	75.6	136.0	129.6	108.7	89.5	135.1	75.6	138.1	
Miles by Car:	4193.2	378.2	291.1	203.5	244.4	175.8	248	238.4	254	247.9	198.4	275	350.3	221.1	241.5	245.6	380	175.8	380	
Miles by Boat:	5		2							3										3
Miles Other:	7.5	5		2.5																5
Hours Feeder Watching:	44	2	5.5		1	3.5		1.5	0.5	0.5	8	9.5		3	2	2	5		9.5	
Hours Stationary:	106.9			8	4.3	5.5	7.5	7.2	6.5	2	4	6.5	17.8	14.65	12	5	6		17.75	
Hours "Owling":	41.65	5.75	3.25	3.5	4.2	2	4.7	1.25	1.5	2	0.5	0.5	2.2	3.3	1.5	2.5	3	0.5	5.75	
Miles "Owling":	110	16	7.3	11	10.1	12	11.2	1	7	7	0.5	0.5	11.1	4.5	3.5	4	3.3	0.5	16	
<b>Species total</b>	<b>124</b>	<b>133</b>	<b>135</b>	<b>130</b>	<b>113</b>	<b>136</b>	<b>120</b>	<b>125</b>	<b>128</b>	<b>115</b>	<b>121</b>	<b>108</b>	<b>135</b>	<b>125</b>	<b>115</b>	<b>115</b>	<b>130</b>	<b>108</b>	<b>136</b>	
<b>Individuals total</b>	<b>271768</b>	<b>26651</b>	<b>26643</b>	<b>21615</b>	<b>22781</b>	<b>17190</b>	<b>15506</b>	<b>14600</b>	<b>16702</b>	<b>16274</b>	<b>10036</b>	<b>9293</b>	<b>14902</b>	<b>17014</b>	<b>13892</b>	<b>15037</b>	<b>13632</b>	<b>9293</b>	<b>26651</b>	
Total Participants	848	52	54	51	55	49	48	68	57	58	49	47	56	50	48	53	53	47	68	
Total Parties	499	30	27	24	28	25	23	39	37	33	30	26	41	38	33	30	35	23	41	
																		<b>Average Species Count for all counts</b>		
																		124		