

	And	Athol	BB	CAnn	CCod	CBerk	CobMt	Conc	GBos	Green	Grtn
Greater White-fronted Goose	0	0	0	0	0	0	0	0	0	0	0
Snow Goose	0	0	1	1	0	CW	0	16	0	2	0
Brant	0	0	705	54	597	0	0	0	232	0	0
Barnacle Goose	0	0	0	0	0	0	0	0	0	0	0
Cackling Goose	0	0	0	0	0	0	0	0	0	0	0
Canada Goose	418	38	1283	1224	1334	183	308	1066	6380	124	977
Mute Swan	5	3	168	20	30	0	1	21	66	31	18
Wood Duck	0	0	CW	2	4	1	0	0	1	0	0
Gadwall	0	0	20	125	0	0	0	2	1	0	0
Eurasian Wigeon	0	0	1	0	1	0	0	0	0	0	0
American Wigeon	0	0	83	0	70	0	0	0	3	0	0
American Black Duck	4	4	880	963	4427	19	13	147	423	28	6
Mallard	93	4	649	1105	658	373	337	967	2167	295	124
Northern Shoveler	0	0	0	0	4	0	0	0	4	0	0
Northern Pintail	0	0	3	1	1	1	0	6	6	6	0
Green-winged Teal	0	0	4	0	29	7	0	3	2	0	0
Canvasback	0	0	0	0	7	0	0	0	13	0	0
Redhead	0	0	CW	0	0	0	0	0	0	0	0
Ring-necked Duck	30	0	135	4	135	0	1	17	27	0	0
Greater Scaup	0	0	2006	1	310	0	0	0	1297	0	0
Lesser Scaup	0	0	351	0	4	0	0	0	25	0	0
King Eider	0	0	0	1	0	0	0	0	0	0	0
Common Eider	0	0	1382	2260	13366	0	0	0	823	0	0
Harlequin Duck	0	0	0	200	4	0	0	0	0	0	0
Surf Scoter	0	0	134	298	740	0	0	0	178	0	0
White-winged Scoter	0	0	208	2185	618	0	0	0	780	0	0
Black Scoter	0	0	8	980	464	0	0	0	4	0	0
Long-tailed Duck	0	0	218	70	35	0	0	0	10	0	0
Bufflehead	2	0	1864	547	1197	0	0	5	436	0	0
Common Goldeneye	16	0	553	125	271	4	0	28	94	16	0
Barrow's Goldeneye	0	0	1	0	0	0	0	2	0	0	0
Hooded Merganser	18	1	428	13	329	26	15	32	218	8	15
Common Merganser	11	2	68	1	84	12	16	35	96	15	2
Red-breasted Merganser	0	0	511	583	1124	0	0	0	211	0	0
Ruddy Duck	0	0	14	0	12	0	0	0	63	0	0
Ring-necked Pheasant	1	1	2	0	0	0	0	0	0	0	1
Ruffed Grouse	0	2	0	0	0	0	0	0	0	0	0
Wild Turkey	66	257	5	50	7	15	31	128	43	46	71
Northern Bobwhite	0	0	11	0	5	0	0	0	0	0	0
Red-throated Loon	0	0	9	13	227	0	0	0	23	0	0
Common Loon	0	2	77	122	105	CW	0	0	13	0	0
Pied-billed Grebe	0	0	18	0	11	1	0	2	2	0	0
Horned Grebe	0	0	159	34	6	0	0	0	67	0	0
Red-necked Grebe	0	0	2	4	11	0	0	0	52	0	0
Eared Grebe	0	0	1	0	0	0	0	0	0	0	0
Northern Fulmar	0	0	0	2	0	0	0	0	0	0	0
Northern Gannet	0	0	0	258	1867	0	0	0	5	0	0
Double-crested Cormorant	7	0	6	4	11	0	0	0	29	0	1
Great Cormorant	0	0	23	81	16	0	0	0	3	0	0
American Bittern	0	0	0	0	4	0	0	0	0	0	0
Great Blue Heron	1	0	43	10	76	2	0	10	40	0	3
Great Egret	0	0	0	0	1	0	0	0	0	0	0
Cattle Egret	0	0	0	0	0	0	0	0	0	0	0
Black-crowned Night-Heron	0	0	0	1	0	0	0	0	3	0	0
Black Vulture	0	0	0	0	0	0	0	0	0	0	0
Turkey Vulture	0	0	14	13	0	0	0	0	0	0	0
Osprey	0	0	0	0	0	0	1	CW	0	0	0
Bald Eagle	2	CW	1	0	0	2	2	2	1	6	1
Northern Harrier	0	0	11	12	27	2	0	4	4	0	0

	And	Athol	BB	CAnn	CCod	CBerk	CobMt	Conc	GBos	Green	Grtn
Sharp-shinned Hawk	0	2	8	5	15	2	2	13	13	2	CW
Cooper's Hawk	3	3	9	14	15	3	8	29	21	6	5
Northern Goshawk	1	CW	0	0	0	0	0	0	0	0	0
Red-shouldered Hawk	0	0	3	0	1	0	0	2	0	0	0
Red-tailed Hawk	13	7	41	43	58	18	31	196	132	30	31
Rough-legged Hawk	0	0	1	0	0	1	0	CW	0	0	0
American Kestrel	CW	0	0	0	0	0	0	0	1	0	0
Merlin	0	0	1	5	6	1	0	1	12	2	1
Peregrine Falcon	0	0	2	1	4	0	1	0	9	0	0
Yellow Rail	0	0	0	0	0	0	0	0	0	0	0
Virginia Rail	0	0	5	0	16	0	0	0	0	0	0
Sora	0	0	0	0	0	0	0	0	0	0	0
American Coot	0	0	65	0	30	0	0	0	56	0	0
Black-bellied Plover	0	0	4	5	30	0	0	0	0	0	0
Killdeer	0	0	0	0	0	0	0	0	CW	0	0
Greater Yellowlegs	0	0	0	0	6	0	0	0	1	0	0
Willet	0	0	0	0	0	0	0	0	0	0	0
Ruddy Turnstone	0	0	55	2	0	0	0	0	0	0	0
Red Knot	0	0	0	0	1	0	0	0	0	0	0
Sanderling	0	0	73	32	486	0	0	0	0	0	0
Purple Sandpiper	0	0	0	34	0	0	0	0	6	0	0
Dunlin	0	0	9	231	5085	0	0	0	0	0	0
Long-billed Dowitcher	0	0	0	0	1	0	0	0	0	0	0
Wilson's Snipe	0	0	0	1	0	0	0	1	0	0	0
American Woodcock	0	0	0	0	1	0	0	0	0	0	0
Pomarine Jaeger	0	0	0	CW	0	0	0	0	0	0	0
Black-legged Kittiwake	0	0	4	2	86	0	0	0	0	0	0
Bonaparte's Gull	0	0	30	134	73	0	0	0	5	0	0
Black-headed Gull	0	0	0	1	0	0	0	0	0	0	0
Little Gull	0	0	0	CW	0	0	0	0	0	0	0
Ring-billed Gull	370	11	433	796	1127	143	133	203	2177	190	144
Herring Gull	339	CW	1586	9324	8232	9	16	89	1566	254	18
Thayer's Gull	0	0	0	2	0	0	0	0	0	0	0
Iceland Gull	0	0	0	7	5	0	0	0	2	2	0
Lesser Black-backed Gull	0	0	0	1	3	0	0	0	2	2	0
Glaucous Gull	0	0	0	1	0	0	0	0	0	0	0
Great Black-backed Gull	19	0	128	4210	3228	CW	12	11	116	63	11
Dovekie	0	0	CW	1	1	0	0	0	0	0	0
Common Murre	0	0	0	CW	0	0	0	0	0	0	0
Thick-billed Murre	0	0	0	8	0	0	0	0	0	0	0
Razorbill	0	0	10	417	1061	0	0	0	0	0	0
Black Guillemot	0	0	0	31	0	0	0	0	0	0	0
Atlantic Puffin	0	0	0	CW	0	0	0	0	0	0	0
Rock Pigeon	610	486	107	975	34	332	540	448	2487	881	357
Mourning Dove	231	396	227	332	308	115	417	1275	678	319	240
Barn Owl	0	0	0	0	0	0	0	0	0	0	0
Eastern Screech-Owl	3	0	13	27	24	0	18	29	59	1	0
Great Horned Owl	0	1	5	21	25	3	12	22	8	2	CW
Snowy Owl	0	0	CW	6	7	0	0	0	10	0	0
Barred Owl	0	0	0	4	0	0	1	2	1	2	2
Long-eared Owl	0	1	0	2	0	0	0	0	0	0	0
Short-eared Owl	0	0	2	0	0	0	0	0	1	0	0
Northern Saw-whet Owl	0	2	2	0	1	0	2	0	0	0	0
Rufous Hummingbird	0	0	0	0	0	0	0	0	0	0	0
Belted Kingfisher	3	0	14	2	15	0	3	10	10	1	4
Red-headed Woodpecker	0	0	0	0	0	0	0	1	0	0	0
Red-bellied Woodpecker	11	31	51	53	26	12	28	140	36	24	17
Yellow-bellied Sapsucker	0	0	0	2	6	2	1	3	2	1	0
Downy Woodpecker	108	101	111	123	133	51	75	770	268	53	72

	And	Athol	BB	CAnn	CCod	CBerk	CobMt	Conc	GBos	Green	Grtn
Hairy Woodpecker	26	39	17	22	19	13	13	160	12	28	22
Northern Flicker	9	0	54	18	119	3	5	26	40	6	5
Pileated Woodpecker	0	5	0	9	0	4	5	11	0	4	CW
Eastern Phoebe	0	0	2	0	0	0	0	0	0	0	0
Northern Shrike	1	0	0	0	0	2	0	0	0	0	3
Blue-headed Vireo	0	0	0	0	0	0	0	0	1	0	0
Blue Jay	187	622	563	779	360	165	211	906	576	264	228
American Crow	1605	412	821	2538	1112	718	481	1121	825	569	296
Fish Crow	9	0	1	0	1	0	0	0	11	0	0
Common Raven	0	90	0	1	0	4	10	9	1	5	0
Horned Lark	0	11	10	153	120	40	0	22	19	43	0
Tree Swallow	0	0	0	0	0	0	0	0	0	0	0
Black-capped Chickadee	299	1438	1512	817	1671	427	530	3739	971	411	506
Tufted Titmouse	105	332	437	366	306	53	136	1535	397	106	137
Red-breasted Nuthatch	4	28	30	31	34	5	1	16	6	2	3
White-breasted Nuthatch	98	140	151	180	75	68	90	1050	269	78	128
Brown Creeper	1	4	5	3	4	3	4	33	27	4	9
Carolina Wren	46	3	250	81	153	0	19	212	99	7	7
House Wren	0	0	0	0	0	0	0	1	0	0	0
Winter Wren	2	0	18	2	7	0	2	16	9	0	3
Marsh Wren	0	0	2	1	1	0	0	3	1	0	0
Golden-crowned Kinglet	16	14	113	37	64	9	48	207	127	5	35
Ruby-crowned Kinglet	1	0	5	0	11	0	0	2	6	0	0
Eastern Bluebird	8	0	96	27	54	30	63	431	8	69	46
Hermit Thrush	1	1	46	17	55	0	4	12	9	0	1
American Robin	668	93	1315	4759	2757	21	99	1767	3327	525	505
Gray Catbird	0	0	18	4	14	0	0	4	2	0	0
Northern Mockingbird	36	3	65	51	35	1	37	141	179	17	22
Brown Thrasher	0	0	2	CW	0	0	0	0	0	0	0
European Starling	575	612	675	4506	3680	1646	2444	2892	6079	1399	1694
American Pipit	0	0	0	CW	0	0	0	0	0	0	0
Bohemian Waxwing	0	0	0	CW	0	0	0	0	0	0	0
Cedar Waxwing	23	507	79	326	144	330	69	119	194	358	348
Orange-crowned Warbler	0	0	3	1	6	0	0	0	3	0	0
Yellow-rumped Warbler	3	0	221	31	713	0	0	4	15	0	2
Pine Warbler	0	0	3	0	4	0	0	0	1	0	0
Palm Warbler	0	0	3	2	8	0	0	0	1	0	0
Ovenbird	0	0	0	0	1	0	0	0	0	0	0
Northern Waterthrush	0	0	0	0	0	0	0	0	1	0	0
Common Yellowthroat	0	0	1	0	1	0	0	0	1	0	0
Yellow-breasted Chat	0	0	12	2	17	0	0	0	1	0	0
Western Tanager	0	0	0	0	0	0	0	0	0	0	0
Eastern Towhee	0	1	13	2	2	0	0	1	1	0	0
American Tree Sparrow	40	258	38	110	18	50	23	586	204	66	57
Chipping Sparrow	1	4	7	1	3	0	0	0	2	1	0
Field Sparrow	0	1	65	3	9	0	2	5	1	1	0
Vesper Sparrow	0	0	0	0	0	0	0	0	0	0	0
Savannah Sparrow	0	0	7	2	26	0	0	2	9	0	0
Ipswich Sparrow	0	0	0	4	2	0	0	0	0	0	0
Saltmarsh Sparrow	0	0	0	0	2	0	0	0	0	0	0
Seaside Sparrow	0	0	0	1	3	0	0	0	0	0	0
sharp-tailed sparrow species	0	0	0	0	0	0	0	0	0	0	0
Fox Sparrow	0	0	5	0	7	0	0	4	7	0	0
Song Sparrow	39	11	644	177	475	3	56	458	616	65	53
Lincoln's Sparrow	0	0	0	0	1	0	0	0	0	0	0
Swamp Sparrow	0	4	73	8	43	0	0	27	38	1	1
White-throated Sparrow	49	31	523	210	286	30	113	439	425	60	32
White-crowned Sparrow	0	0	1	0	0	0	0	4	0	0	0
Dark-eyed Junco	428	983	376	535	113	87	455	2874	1322	441	833

	And	Athol	BB	CAnn	CCod	CBerk	CobMt	Conc	GBos	Green	Grtn
Oregon Junco	0	0	0	1	0	0	0	0	0	0	0
Lapland Longspur	0	0	0	0	5	0	0	5	0	0	0
Snow Bunting	30	63	8	309	65	83	30	3	48	11	0
Northern Cardinal	127	162	654	236	521	36	113	990	384	127	107
Dickcissel	0	0	0	CW	0	0	0	0	1	0	0
Red-winged Blackbird	2	1	25	3	158	18	50	20	71	0	5
Eastern Meadowlark	0	0	3	1	21	0	0	0	0	0	0
Rusty Blackbird	0	0	1	4	0	0	0	5	5	1	0
Common Grackle	0	0	0	0	3	CW	166	2	4	0	1
Brown-headed Cowbird	0	0	7	3	5	CW	88	2	4	0	0
Baltimore Oriole	0	0	1	1	5	0	0	0	1	0	0
Pine Grosbeak	0	0	0	0	0	0	0	0	0	4	0
Purple Finch	4	9	3	24	16	CW	0	17	1	0	4
House Finch	69	147	579	145	689	110	135	918	439	72	154
Red Crossbill	0	0	0	0	0	0	0	0	0	0	0
White-winged Crossbill	0	7	3	6	1	0	0	51	41	0	0
Common Redpoll	0	0	8	0	0	0	0	21	0	22	5
Hoary Redpoll	0	0	0	0	0	0	0	0	0	0	0
Pine Siskin	18	241	49	6	6	252	150	505	15	474	1
American Goldfinch	437	640	745	487	951	362	177	2619	887	495	352
Evening Grosbeak	0	41	0	0	0	CW	0	0	0	0	0
House Sparrow	359	489	1451	1913	475	137	461	2510	3356	325	297

Andover CBC
 Compiler: Lou Wagner
 Count Date: 12/27/2008

Cape Cod CBC
 Compiler: Blair Nikula
 Count Date: 12/14/2008

Greater Boston CBC
 Compiler: Robert Stymeist
 Count Date: 12/14/2008

Athol CBC
 Compiler: Dave Small
 Count Date: 12/20/2008

Central Berkshire CBC
 Compiler: Thomas Collins
 Count Date: 12/14/2008

Greenfield CBC
 Compiler: Mark Fairbrother
 Count Date: 12/28/2008

Buzzards Bay CBC
 Compiler: Jeremiah Trimble
 Count Date: 12/20/2008

Cobble Mountain CBC
 Compiler: Seth Kellogg
 Count Date: 12/27/2008

Groton-Oxbow NWR CBC
 Compiler: Julie Lisk
 Count Date: 12/14/2008

Cape Ann CBC
 Compiler: Barbara Volkle
 Count Date: 12/22/2008

Concord CBC
 Compiler: Henry Norwood
 Count Date: 1/4/2009

	Marsh	MV	MCap	Millis	Nant	NBed	Nbpt	Nham	NBerk	Plym	Quab
Greater White-fronted Goose	0	0	0	0	0	0	0	1	0	0	0
Snow Goose	2	9	4	0	CW	0	36	32	0	0	0
Brant	150	157	575	0	720	205	0	0	0	125	0
Barnacle Goose	0	0	0	0	0	0	0	0	0	0	0
Cackling Goose	0	0	0	0	0	0	0	1	0	0	0
Canada Goose	1063	3000	1033	1101	983	3417	2130	5252	293	1187	6
Mute Swan	14	131	135	21	24	119	5	0	0	83	0
Wood Duck	0	CW	0	0	0	0	1	3	0	0	1
Gadwall	50	16	184	0	14	45	38	0	0	60	0
Eurasian Wigeon	0	0	0	0	0	0	0	0	0	2	0
American Wigeon	0	66	30	0	195	2	0	0	0	49	0
American Black Duck	1044	1474	4658	30	297	645	1302	146	27	960	21
Mallard	344	1290	1001	69	1068	533	1644	997	270	392	34
Northern Shoveler	1	0	0	0	4	0	CW	0	0	0	0
Northern Pintail	0	5	16	0	12	2	12	8	0	7	0
Green-winged Teal	0	14	16	0	7	0	4	3	0	0	0
Canvasback	0	0	2	0	62	0	0	0	0	0	0
Redhead	0	CW	0	0	14	0	0	0	0	5	0
Ring-necked Duck	7	83	168	0	88	0	13	0	1	44	5
Greater Scaup	1	420	1	0	689	708	7	0	0	10	0
Lesser Scaup	0	2	16	0	18	2	1	0	0	140	0
King Eider	0	0	0	0	0	0	0	0	0	0	0
Common Eider	678	52000	3205	0	33873	356	380	0	0	251	0
Harlequin Duck	3	53	5	0	8	1	0	0	0	2	0
Surf Scoter	610	230	702	0	110	361	7	0	0	384	0
White-winged Scoter	274	218	385	0	516	28	284	0	0	176	0
Black Scoter	126	62	44	0	1176	2	120	0	0	5	0
Long-tailed Duck	126	91	289	0	275185	65	12	0	0	45	0
Bufflehead	156	3530	1298	3	1512	380	133	3	0	254	0
Common Goldeneye	143	640	232	33	520	544	69	10	0	169	2
Barrow's Goldeneye	0	CW	2	0	2	1	0	0	0	2	0
Hooded Merganser	52	277	120	9	176	37	23	10	0	163	30
Common Merganser	0	19	120	0	3	0	49	107	48	119	3
Red-breasted Merganser	159	1046	549	0	471	171	255	0	0	248	0
Ruddy Duck	0	39	0	0	17	0	0	0	2	16	0
Ring-necked Pheasant	0	2	0	1	2	0	0	2	0	0	0
Ruffed Grouse	0	0	0	0	0	0	0	8	3	0	1
Wild Turkey	9	38	12	54	0	22	111	114	15	81	248
Northern Bobwhite	0	0	0	0	0	0	0	0	0	0	0
Red-throated Loon	40	15	32	0	118	1	22	0	0	3	0
Common Loon	49	157	87	0	209	18	50	0	0	50	3
Pied-billed Grebe	0	1	2	1	6	0	0	0	1	4	0
Horned Grebe	10	69	103	0	51	96	34	0	0	21	0
Red-necked Grebe	9	1	10	0	13	0	11	0	0	CW	0
Eared Grebe	0	0	0	0	0	0	0	0	0	0	0
Northern Fulmar	0	0	0	0	0	0	0	0	0	0	0
Northern Gannet	13	64	284	0	489	0	12	0	0	6	0
Double-crested Cormorant	0	7	4	0	9	1	0	1	0	24	0
Great Cormorant	7	19	24	0	6	10	3	0	0	53	0
American Bittern	1	0	1	0	1	0	1	0	0	0	0
Great Blue Heron	12	31	52	0	20	14	3	2	0	11	0
Great Egret	0	0	1	0	CW	0	0	0	0	0	0
Cattle Egret	0	0	0	0	1	0	0	0	0	0	0
Black-crowned Night-Heron	0	3	0	0	2	0	0	0	0	0	0
Black Vulture	0	0	0	0	0	0	0	0	0	0	0
Turkey Vulture	0	26	1	0	19	5	30	0	0	3	0
Osprey	0	0	0	1	0	0	0	0	0	0	0
Bald Eagle	0	0	0	0	0	CW	11	7	0	4	4
Northern Harrier	16	18	28	0	17	5	36	6	1	5	0

	Marsh	MV	MCap	Millis	Nant	NBed	Nbpt	Nham	NBerk	Plym	Quab
Sharp-shinned Hawk	4	11	16	2	2	4	12	16	1	2	0
Cooper's Hawk	6	13	20	3	6	4	9	23	1	4	1
Northern Goshawk	0	0	0	0	CW	0	0	0	0	0	0
Red-shouldered Hawk	2	0	0	0	0	2	1	0	0	0	0
Red-tailed Hawk	27	55	52	11	34	14	62	139	14	15	16
Rough-legged Hawk	5	2	1	0	0	0	7	1	1	0	0
American Kestrel	0	CW	0	0	1	1	0	1	0	1	0
Merlin	0	5	2	0	8	1	4	4	0	1	0
Peregrine Falcon	2	1	2	0	2	0	1	2	0	0	0
Yellow Rail	0	0	0	0	1	0	0	0	0	0	0
Virginia Rail	6	0	16	0	13	0	0	0	0	1	0
Sora	0	0	0	0	0	0	0	0	0	0	0
American Coot	0	3	4	0	103	0	0	0	0	7	0
Black-bellied Plover	0	91	2	0	30	2	0	0	0	0	0
Killdeer	0	0	0	0	8	4	0	0	0	0	0
Greater Yellowlegs	0	CW	2	0	1	0	0	0	0	0	0
Willet	0	0	1	0	0	0	0	0	0	0	0
Ruddy Turnstone	0	CW	21	0	3	0	0	0	0	0	0
Red Knot	0	0	0	0	0	0	0	0	0	0	0
Sanderling	114	300	485	0	498	0	95	0	0	26	0
Purple Sandpiper	25	10	8	0	CW	0	2	0	0	13	0
Dunlin	825	138	49	0	39	182	0	0	0	732	0
Long-billed Dowitcher	0	0	0	0	0	0	0	0	0	0	0
Wilson's Snipe	0	0	4	0	6	0	0	0	0	0	0
American Woodcock	0	2	0	0	3	0	0	0	0	0	0
Pomarine Jaeger	0	0	0	0	0	0	0	0	0	0	0
Black-legged Kittiwake	0	51	78	0	131	0	14	0	0	0	0
Bonaparte's Gull	18	41	86	0	978	0	2	0	0	3	0
Black-headed Gull	0	CW	5	0	4	0	0	0	0	CW	0
Little Gull	0	0	0	0	2	0	0	0	0	0	0
Ring-billed Gull	237	300	607	82	12	630	458	491	3	324	41
Herring Gull	907	1750	1924	23	5513	631	1738	25	0	471	1
Thayer's Gull	0	0	0	0	0	0	0	0	0	0	0
Iceland Gull	0	0	3	0	104	0	2	0	0	0	0
Lesser Black-backed Gull	0	0	0	0	129	1	0	0	0	CW	0
Glaucous Gull	0	0	1	0	2	0	CW	0	0	0	0
Great Black-backed Gull	677	400	400	0	936	44	175	6	0	114	2
Dovekie	0	0	0	0	2	0	CW	0	0	0	0
Common Murre	0	0	0	0	0	0	0	0	0	0	0
Thick-billed Murre	0	0	0	0	1	0	0	0	0	0	0
Razorbill	59	560	851	0	118	0	144	0	0	190	0
Black Guillemot	13	0	0	0	1	0	0	0	0	0	0
Atlantic Puffin	0	0	0	0	0	0	0	0	0	0	0
Rock Pigeon	283	158	50	186	65	245	535	1184	185	244	123
Mourning Dove	128	400	271	136	327	227	537	1619	44	118	129
Barn Owl	0	3	0	0	7	0	0	0	0	0	0
Eastern Screech-Owl	33	12	19	1	0	0	7	53	0	6	0
Great Horned Owl	4	3	8	0	0	0	7	32	2	1	2
Snowy Owl	3	2	1	0	4	0	4	0	0	1	0
Barred Owl	0	0	0	0	0	0	1	1	1	0	2
Long-eared Owl	0	0	0	0	1	0	0	0	0	0	0
Short-eared Owl	0	0	2	0	0	1	4	0	0	0	0
Northern Saw-whet Owl	2	1	1	0	4	0	0	2	0	0	4
Rufous Hummingbird	0	0	1	0	0	0	0	0	0	0	0
Belted Kingfisher	1	19	12	3	0	9	5	7	0	8	3
Red-headed Woodpecker	0	0	0	0	0	0	0	0	0	0	0
Red-bellied Woodpecker	37	87	31	6	22	19	47	116	11	15	17
Yellow-bellied Sapsucker	0	1	0	0	2	1	CW	8	2	0	0
Downy Woodpecker	70	163	96	69	47	39	218	292	47	30	53

	Marsh	MV	MCap	Millis	Nant	NBed	Nbpt	Nham	NBerk	Plym	Quab
Hairy Woodpecker	10	20	10	10	3	11	32	100	17	3	18
Northern Flicker	20	102	97	5	137	29	40	47	0	15	5
Pileated Woodpecker	0	0	0	0	0	0	2	19	5	0	6
Eastern Phoebe	0	CW	1	0	1	0	0	0	0	0	1
Northern Shrike	1	1	0	0	0	0	2	5	0	0	0
Blue-headed Vireo	0	0	0	0	0	0	0	0	0	0	0
Blue Jay	307	527	323	110	277	108	740	870	134	221	247
American Crow	271	1013	1216	377	530	163	819	1795	429	278	165
Fish Crow	0	0	0	0	0	0	0	6	0	0	0
Common Raven	0	0	0	2	0	0	2	12	6	0	1
Horned Lark	2	60	33	0	7	20	80	1520	110	67	0
Tree Swallow	0	6	0	0	0	0	0	0	0	0	0
Black-capped Chickadee	545	1670	1345	280	696	204	1012	1478	349	374	619
Tufted Titmouse	310	98	252	176	0	127	441	559	38	276	156
Red-breasted Nuthatch	6	41	13	3	80	1	16	11	1	14	9
White-breasted Nuthatch	74	129	60	79	10	26	314	324	44	41	86
Brown Creeper	3	4	2	1	2	2	13	9	3	4	5
Carolina Wren	65	174	183	28	181	106	67	62	2	45	8
House Wren	0	0	1	0	0	0	1	0	0	0	0
Winter Wren	0	9	12	0	6	5	9	1	0	2	2
Marsh Wren	1	0	4	0	20	0	2	0	0	3	0
Golden-crowned Kinglet	61	51	75	16	26	11	84	66	4	36	51
Ruby-crowned Kinglet	0	2	4	0	11	0	2	1	0	1	0
Eastern Bluebird	35	169	16	45	15	12	70	304	36	1	23
Hermit Thrush	6	41	15	2	41	9	7	7	0	14	0
American Robin	238	2222	88478	252	2160	413	766	3957	74	476	115
Gray Catbird	1	43	16	0	73	8	1	1	1	2	1
Northern Mockingbird	28	90	38	6	22	30	88	141	0	27	13
Brown Thrasher	0	3	1	0	2	0	0	0	0	0	0
European Starling	1158	2150	2300	304	2940	1718	7025	7127	758	878	584
American Pipit	0	10	0	0	5	3	0	26	0	0	0
Bohemian Waxwing	0	0	0	0	1	0	0	0	0	0	0
Cedar Waxwing	9	67	46	167	374	0	23	811	758	4	68
Orange-crowned Warbler	0	0	0	0	4	0	0	0	0	0	0
Yellow-rumped Warbler	79	426	265	0	2033	30	49	0	0	139	0
Pine Warbler	0	5	1	0	1	0	0	0	0	0	0
Palm Warbler	0	1	0	0	12	1	0	1	0	0	0
Ovenbird	0	0	0	0	0	0	0	0	0	0	0
Northern Waterthrush	0	0	0	0	0	0	0	0	0	0	0
Common Yellowthroat	0	0	0	0	2	1	0	0	0	0	0
Yellow-breasted Chat	0	5	3	0	4	1	0	0	0	1	0
Western Tanager	0	0	0	0	0	0	0	0	0	0	0
Eastern Towhee	0	16	14	0	23	6	1	0	0	2	0
American Tree Sparrow	71	10	53	48	1	38	249	582	73	8	111
Chipping Sparrow	0	5	0	3	0	0	0	1	0	0	0
Field Sparrow	4	26	4	0	CW	9	10	4	0	1	0
Vesper Sparrow	0	1	0	0	1	0	1	0	0	0	0
Savannah Sparrow	1	108	19	0	27	2	1	19	0	5	0
Ipswich Sparrow	0	3	2	0	CW	0	0	0	0	0	0
Saltmarsh Sparrow	0	0	2	0	0	0	1	0	0	0	0
Seaside Sparrow	0	0	1	0	0	0	0	0	0	0	0
sharp-tailed sparrow species	0	0	2	0	0	0	0	0	0	0	0
Fox Sparrow	1	10	3	0	2	3	1	0	0	4	0
Song Sparrow	154	447	489	72	635	157	171	290	4	146	36
Lincoln's Sparrow	0	0	0	1	0	0	0	0	0	0	0
Swamp Sparrow	30	22	70	4	45	8	15	3	CW	46	3
White-throated Sparrow	187	453	307	72	265	194	226	616	52	146	35
White-crowned Sparrow	0	0	0	0	4	0	0	3	0	0	0
Dark-eyed Junco	308	360	89	842	74	122	708	2825	207	155	450

	Marsh	MV	MCap	Millis	Nant	NBed	Nbpt	Nham	NBerk	Plym	Quab
Oregon Junco	0	0	0	0	0	0	0	0	0	0	0
Lapland Longspur	0	3	0	0	0	0	1	2	0	0	0
Snow Bunting	25	39	50	0	9	CW	40	273	1	0	132
Northern Cardinal	188	473	468	203	313	160	303	511	65	176	95
Dickcissel	0	0	0	0	0	1	0	0	0	0	0
Red-winged Blackbird	73	81	108	26	173	1	7	304	0	73	2
Eastern Meadowlark	1	3	13	0	CW	0	4	0	0	0	0
Rusty Blackbird	70	0	4	0	0	0	0	100	0	0	0
Common Grackle	0	CW	0	0	3	0	6	1	0	0	0
Brown-headed Cowbird	18	0	27	0	2	245	2	92	0	0	1
Baltimore Oriole	0	0	0	0	CW	0	0	0	0	3	0
Pine Grosbeak	0	0	0	0	0	0	0	0	0	0	0
Purple Finch	1	6	5	1	0	1	32	10	2	0	2
House Finch	215	371	393	78	200	85	233	468	28	121	24
Red Crossbill	2	0	0	0	0	0	0	0	0	0	0
White-winged Crossbill	0	CW	3	0	0	0	50	4	35	0	21
Common Redpoll	3	3	0	0	18	0	CW	8	0	0	1
Hoary Redpoll	0	0	0	0	CW	0	0	0	0	0	0
Pine Siskin	34	23	33	8	6	2	81	262	185	148	137
American Goldfinch	233	405	438	257	379	221	746	1927	119	175	344
Evening Grosbeak	0	0	0	0	0	0	0	16	0	0	0
House Sparrow	530	722	661	207	153	465	1480	1453	273	388	687

Marshfield CBC
 Compiler: Warren Harrington
 Count Date: 12/28/2008

Nantucket CBC
 Compiler: K. Blackshaw
 Count Date: 12/27/2008

Northampton CBC
 Compiler: J. Ortiz
 Count Date: 12/14/2008

Martha's Vineyard CBC
 Compiler: Robert Culbert
 Count Date: 01/03/2009

New Bedford CBC
 Compiler: Michael Boucher
 Count Date: 12/20/2008

Northern Berkshire CBC
 Compiler: Pamela Weatherbee
 Count Date: 12/20/2008

Mid-Cape Cod CBC
 Compiler: J. + P. Trimble
 Count Date: 12/30/2008

Newburyport CBC
 Compiler: Tom Young
 Count Date: 12/28/2008

Plymouth CBC
 Compiler: Trevor Lloyd-Evans
 Count Date: 12/30/2008

Millis CBC
 Compiler: Elissa Landre
 Count Date: 12/20/2008

Quabbin CBC
 Compiler: S. Surner
 Count Date: 12/27/2008

	Quin	SBerk	Sprng	Stell	Sturb	TM	Truro	Tuck	Uxbr	Wstm	Worc
Greater White-fronted Goose	0	0	0	0	1	0	0	0	0	0	0
Snow Goose	2	0	0	0	0	0	1	0	0	0	3
Brant	44	0	0	2	0	0	595	200	0	0	0
Barnacle Goose	0	0	0	0	CW	0	0	0	0	0	0
Cackling Goose	0	0	0	0	1	0	0	0	0	0	0
Canada Goose	2714	337	2731	20	1407	2065	347	0	526	13	1881
Mute Swan	21	0	0	0	0	39	0	0	18	0	9
Wood Duck	0	0	0	0	0	0	0	0	0	0	1
Gadwall	0	0	0	0	0	0	5	0	0	0	1
Eurasian Wigeon	0	0	0	0	0	0	0	0	0	0	0
American Wigeon	0	0	0	0	0	51	0	1	0	0	0
American Black Duck	463	3	21	220	76	47	803	50	57	17	64
Mallard	418	85	488	4	943	421	29	6	501	249	679
Northern Shoveler	0	0	0	0	0	0	0	0	0	0	0
Northern Pintail	0	2	0	0	5	0	1	0	0	0	CW
Green-winged Teal	2	0	0	0	1	1	2	0	0	0	0
Canvasback	0	0	0	0	0	0	0	0	0	0	0
Redhead	0	0	0	0	0	0	0	0	0	0	0
Ring-necked Duck	15	0	0	0	0	13	0	0	4	0	1
Greater Scaup	32	0	0	35	0	0	95	1	0	0	CW
Lesser Scaup	2	0	0	0	0	0	5	15	0	0	3
King Eider	0	0	0	0	0	0	0	0	0	0	0
Common Eider	627	0	0	1100	0	0	3669	45000	0	0	0
Harlequin Duck	0	0	0	0	0	0	0	0	0	0	0
Surf Scoter	204	0	0	12	0	0	42	45	0	0	0
White-winged Scoter	69	0	0	25	0	0	703	250	0	0	0
Black Scoter	0	0	0	10	0	0	554	700	0	0	0
Long-tailed Duck	2	0	0	15	0	0	70	15450	0	0	0
Bufflehead	206	0	0	8	0	97	423	105	0	0	0
Common Goldeneye	147	0	12	9	12	92	73	300	0	0	74
Barrow's Goldeneye	0	0	0	0	0	1	1	0	0	0	1
Hooded Merganser	59	3	15	0	52	84	19	20	25	0	38
Common Merganser	26	6	28	0	333	71	8	0	70	4	57
Red-breasted Merganser	128	0	0	600	2	13	1690	180	0	0	0
Ruddy Duck	23	0	0	0	0	0	0	0	0	0	0
Ring-necked Pheasant	0	0	1	0	0	0	0	0	0	0	0
Ruffed Grouse	0	1	0	0	1	0	0	0	3	1	0
Wild Turkey	5	0	2	0	159	CW	78	0	22	147	57
Northern Bobwhite	0	0	0	0	0	0	0	0	0	0	0
Red-throated Loon	5	0	0	10	0	0	139	1	0	0	0
Common Loon	3	0	0	2	0	2	44	0	0	0	1
Pied-billed Grebe	1	0	0	0	0	0	1	0	0	0	0
Horned Grebe	11	0	0	0	1	1	19	0	0	0	0
Red-necked Grebe	1	0	0	0	0	0	4	0	0	0	0
Eared Grebe	0	0	0	0	0	0	0	0	0	0	0
Northern Fulmar	0	0	0	0	0	0	0	0	0	0	0
Northern Gannet	0	0	0	250	0	0	960	0	0	0	0
Double-crested Cormorant	3	0	0	0	0	0	1	0	0	0	0
Great Cormorant	15	0	0	18	0	1	9	0	0	0	0
American Bittern	0	0	0	0	0	0	1	0	0	0	0
Great Blue Heron	8	0	0	1	5	5	22	0	CW	0	2
Great Egret	0	0	0	0	0	0	0	0	0	0	0
Cattle Egret	0	0	0	0	0	0	0	0	0	0	0
Black-crowned Night-Heron	0	0	0	0	0	0	0	0	0	0	0
Black Vulture	0	3	0	0	0	0	0	0	0	0	0
Turkey Vulture	CW	0	0	0	0	0	1	0	1	0	0
Osprey	0	0	0	0	0	0	0	0	0	0	0
Bald Eagle	0	0	2	0	2	2	0	0	2	0	CW
Northern Harrier	4	0	0	2	0	7	13	4	0	0	0

	Quin	SBerk	Sprng	Stell	Sturb	TM	Truro	Tuck	Uxbr	Wstm	Worc
Sharp-shinned Hawk	3	0	1	0	2	3	3	0	3	0	1
Cooper's Hawk	3	1	3	0	5	4	2	0	9	1	6
Northern Goshawk	CW	0	0	0	0	0	0	0	0	1	0
Red-shouldered Hawk	CW	0	0	0	1	1	0	0	3	0	0
Red-tailed Hawk	9	18	18	0	27	32	26	3	39	17	8
Rough-legged Hawk	0	1	2	0	0	1	1	0	0	0	0
American Kestrel	0	0	0	0	0	2	0	0	2	0	0
Merlin	1	2	1	1	0	0	0	0	1	0	0
Peregrine Falcon	0	0	2	0	0	0	1	1	0	0	CW
Yellow Rail	0	0	0	0	0	0	0	0	0	0	0
Virginia Rail	0	0	0	0	1	0	2	0	0	0	0
Sora	0	0	0	0	0	0	1	0	0	0	0
American Coot	11	0	1	0	0	2	0	0	0	0	0
Black-bellied Plover	CW	0	0	2	0	0	16	0	0	0	0
Killdeer	0	0	0	0	0	0	0	0	0	0	0
Greater Yellowlegs	0	0	0	0	0	0	1	0	0	0	0
Willet	0	0	0	0	0	0	0	0	0	0	0
Ruddy Turnstone	0	0	0	0	0	0	0	0	0	0	0
Red Knot	0	0	0	0	0	0	0	0	0	0	0
Sanderling	1	0	0	0	0	0	365	10	0	0	0
Purple Sandpiper	3	0	0	0	0	0	0	0	0	0	0
Dunlin	CW	0	0	0	0	0	209	0	0	0	0
Long-billed Dowitcher	0	0	0	0	0	0	0	0	0	0	0
Wilson's Snipe	0	0	0	0	0	0	0	0	0	0	0
American Woodcock	0	0	0	0	0	0	0	0	0	0	0
Pomarine Jaeger	0	0	0	1	0	0	0	0	0	0	0
Black-legged Kittiwake	0	0	0	28	0	0	835	0	0	0	0
Bonaparte's Gull	4	0	0	0	0	0	12	0	0	0	0
Black-headed Gull	0	0	0	0	0	0	1	0	0	0	0
Little Gull	0	0	0	0	0	0	0	0	0	0	0
Ring-billed Gull	290	3	429	35	1085	1274	75	2	157	69	219
Herring Gull	1075	0	15	250	58	1817	2358	490	12	1015	11
Thayer's Gull	0	0	0	0	0	0	0	0	0	0	0
Iceland Gull	1	0	0	4	0	0	1	0	0	1	0
Lesser Black-backed Gull	0	0	0	0	0	1	0	0	0	0	0
Glaucous Gull	0	0	0	0	0	0	0	0	0	0	0
Great Black-backed Gull	319	0	13	300	4	186	744	135	8	60	3
Dovekie	0	0	0	30	0	0	11	0	0	0	0
Common Murre	0	0	0	0	0	0	2	0	0	0	0
Thick-billed Murre	0	0	0	0	0	0	6	0	0	0	0
Razorbill	0	0	0	110	0	0	912	0	0	0	0
Black Guillemot	2	0	0	0	0	0	0	0	0	0	0
Atlantic Puffin	0	0	0	0	0	0	1	0	0	0	0
Rock Pigeon	165	142	979	180	447	147	59	0	469	270	265
Mourning Dove	76	119	182	8	279	308	56	0	423	200	114
Barn Owl	0	0	0	0	0	0	0	0	0	0	0
Eastern Screech-Owl	0	0	5	0	2	7	0	0	14	0	1
Great Horned Owl	1	6	0	0	7	6	5	0	8	3	0
Snowy Owl	0	0	0	0	0	0	1	1	0	0	0
Barred Owl	0	4	0	0	8	1	0	0	0	0	0
Long-eared Owl	0	0	0	0	0	0	0	0	1	0	0
Short-eared Owl	0	0	0	0	0	0	0	0	0	0	0
Northern Saw-whet Owl	0	0	0	0	3	0	3	0	0	2	0
Rufous Hummingbird	0	0	0	0	0	0	0	0	0	0	0
Belted Kingfisher	2	0	4	0	3	5	6	0	5	0	2
Red-headed Woodpecker	0	0	0	0	0	0	0	0	0	0	0
Red-bellied Woodpecker	23	27	18	1	47	26	7	0	34	20	9
Yellow-bellied Sapsucker	1	2	1	0	0	0	0	0	1	0	0
Downy Woodpecker	57	63	45	0	218	60	60	0	91	86	57

	Quin	SBerk	Sprng	Stell	Sturb	TM	Truro	Tuck	Uxbr	Wstm	Worc
Hairy Woodpecker	1	15	13	0	53	22	12	0	13	25	10
Northern Flicker	14	2	5	1	13	62	15	0	18	CW	1
Pileated Woodpecker	0	2	1	0	2	0	0	0	0	1	0
Eastern Phoebe	0	0	0	0	0	1	0	0	0	0	0
Northern Shrike	0	0	0	0	0	0	2	0	0	0	0
Blue-headed Vireo	0	0	0	0	0	0	0	0	0	0	0
Blue Jay	181	110	65	15	468	247	152	0	521	545	102
American Crow	114	242	1168	30	360	118	315	18	383	264	1068
Fish Crow	CW	0	0	0	0	0	0	0	0	0	0
Common Raven	CW	2	0	0	3	0	0	0	2	2	4
Horned Lark	0	262	0	0	80	41	22	0	75	1	38
Tree Swallow	0	0	0	0	0	0	0	0	0	0	0
Black-capped Chickadee	201	528	155	20	1751	455	1077	18	952	1452	349
Tufted Titmouse	135	88	88	12	501	252	203	0	413	256	117
Red-breasted Nuthatch	0	2	0	0	0	82	39	0	0	5	0
White-breasted Nuthatch	32	57	29	0	297	82	98	0	185	164	40
Brown Creeper	CW	5	0	0	12	95	19	0	11	4	0
Carolina Wren	27	2	9	0	34	0	36	0	34	7	4
House Wren	0	0	0	0	0	0	0	0	0	0	0
Winter Wren	0	0	1	0	1	2	4	0	1	0	1
Marsh Wren	0	0	0	0	0	0	2	0	0	0	0
Golden-crowned Kinglet	20	5	22	0	103	37	32	0	34	9	3
Ruby-crowned Kinglet	0	0	1	0	1	2	1	0	0	0	0
Eastern Bluebird	CW	36	0	0	28	47	16	0	117	20	34
Hermit Thrush	1	1	0	0	2	8	7	0	1	1	3
American Robin	572	124	491	220	693	590	9200	0	264	360	547
Gray Catbird	2	0	0	0	0	1	2	0	0	0	0
Northern Mockingbird	30	0	13	0	14	40	22	0	55	3	16
Brown Thrasher	0	0	0	0	0	0	0	0	0	0	0
European Starling	1537	636	2825	130	1365	4649	1055	47	821	811	564
American Pipit	0	0	0	0	0	0	0	0	0	0	0
Bohemian Waxwing	0	0	0	0	0	0	3	0	0	8	0
Cedar Waxwing	CW	22	17	0	156	71	27	0	264	34	5
Orange-crowned Warbler	0	0	0	0	0	0	0	0	0	0	0
Yellow-rumped Warbler	16	0	0	14	0	9	262	28	2	0	1
Pine Warbler	0	0	0	0	0	0	7	0	0	0	0
Palm Warbler	1	0	0	0	0	0	1	0	0	0	0
Ovenbird	0	0	0	0	0	0	0	0	0	0	0
Northern Waterthrush	0	0	0	0	0	0	0	0	0	0	0
Common Yellowthroat	0	0	0	0	1	0	1	0	0	0	0
Yellow-breasted Chat	0	0	0	0	0	0	0	0	0	0	0
Western Tanager	CW	0	0	0	0	0	0	0	0	0	0
Eastern Towhee	0	0	0	0	0	1	0	1	0	0	0
American Tree Sparrow	164	139	21	0	186	99	26	0	100	96	74
Chipping Sparrow	0	0	0	0	0	15	0	0	1	1	0
Field Sparrow	3	0	0	0	4	29	2	0	13	0	2
Vesper Sparrow	0	0	0	0	0	0	0	0	0	0	0
Savannah Sparrow	3	0	0	0	2	22	6	1	5	0	1
Ipswich Sparrow	0	0	0	0	0	0	0	3	0	0	0
Saltmarsh Sparrow	0	0	0	0	0	0	1	0	0	0	0
Seaside Sparrow	0	0	0	0	0	0	4	0	0	0	0
sharp-tailed sparrow species	0	0	0	0	0	0	0	0	0	0	0
Fox Sparrow	CW	0	0	0	0	0	1	0	0	0	0
Song Sparrow	221	4	73	4	74	129	91	42	139	10	51
Lincoln's Sparrow	0	0	0	0	0	0	0	0	0	0	0
Swamp Sparrow	12	0	0	1	11	25	10	0	5	0	1
White-throated Sparrow	276	44	78	1	129	105	71	5	127	10	75
White-crowned Sparrow	0	0	0	0	0	0	0	0	0	0	1
Dark-eyed Junco	490	429	536	20	1252	566	156	1	1127	452	624

	Quin	SBerk	Sprng	Stell	Sturb	TM	Truro	Tuck	Uxbr	Wstm	Worc
Oregon Junco	0	0	0	0	0	0	0	0	0	0	0
Lapland Longspur	0	0	0	0	0	0	1	0	0	0	0
Snow Bunting	6	40	0	0	0	70	116	10	0	2	0
Northern Cardinal	115	91	115	10	243	170	95	2	305	110	122
Dickcissel	0	0	0	0	0	0	0	0	0	0	0
Red-winged Blackbird	8	2	0	0	97	1	36	0	54	0	1
Eastern Meadowlark	0	0	0	0	0	1	0	0	0	0	0
Rusty Blackbird	1	0	0	0	0	0	0	0	0	0	1
Common Grackle	0	2	4	0	0	0	0	0	1	1	0
Brown-headed Cowbird	0	34	1	0	0	194	0	0	0	0	0
Baltimore Oriole	0	0	0	0	0	0	0	0	CW	0	0
Pine Grosbeak	0	0	0	0	0	0	0	0	0	0	0
Purple Finch	5	14	0	0	5	0	9	0	1	2	6
House Finch	130	62	57	0	279	64	209	0	141	79	45
Red Crossbill	0	0	0	0	0	0	0	0	0	0	0
White-winged Crossbill	0	0	0	0	0	12	109	0	0	0	0
Common Redpoll	0	0	0	0	0	0	11	0	12	8	0
Hoary Redpoll	0	0	0	0	0	0	0	0	0	0	0
Pine Siskin	4	437	5	0	20	35	201	0	55	107	14
American Goldfinch	201	297	374	0	521	220	395	0	459	328	175
Evening Grosbeak	0	0	0	0	0	0	0	0	0	0	0
House Sparrow	550	114	306	2	618	453	169	0	725	349	321

Quincy CBC
 Compiler: Glenn d'Entremont
 Count Date: 12/20/2008

Sturbridge CBC
 Compiler: Mark Lynch
 Count Date: 12/16/2008

Uxbridge CBC
 Compiler: Strickland Wheelock
 Count Date: 01/03/2009

Southern Berkshire CBC
 Compiler: Rene Laubach
 Count Date: 01/01/2008

Taunton-Middleboro CBC
 Compiler: Russ Titus
 Count Date: 12/28/2008

Westminster CBC
 Compiler: Chuck Caron
 Count Date: 12/27/2008

Springfield CBC
 Compiler: George Kingston
 Count Date: 12/20/2008

Truro CBC
 Compiler: Thomas Lipsky
 Count Date: 12/29/2008

Worcester CBC
 Compiler: John Liller
 Count Date: 12/20/2008

Stellwagen Bank CBC
 Compiler: Simon Perkins
 Count Date: 12/20/2008

Tuckernuck CBC
 Compiler: Richard Veit
 Count Date: 01/01/2009