

### Beech Forest Censuses: 1982 - 2007

(Numbers represent average number of birds/count)

YEAR	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Rock Dove	0	0	0.26	0	0	0.13	0	0	0	0	0.03	0	0	0	0	0	0	0.12
Mourning Dove	0	0.12	0	0.14	0.41	0	0.25	0.32	0.05	0.1	0.2	0.11	0.57	1.19	0.29	0.56	0.31	0.32
Black-billed Cuckoo	0	0	0	0.09	0.12	0	0.04	0	0	0	0	0.04	0	0	0.21	0.04	0.04	0.04
Yellow-billed Cuckoo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0	0.08	0
Chimney Swift	0.59	0.52	0.33	0.68	0.41	0.06	1.17	0.14	0.29	0	0	0	0	0	0.04	0.04	0	0.04
Ruby-thrted. Hummingbird	0	0.04	0	0.14	0.12	0	0	0	0.05	0	0	0	0.04	0.06	0.08	0	0	0
Belted Kingfisher	0	0.08	0.04	0	0	0.06	0.17	0	0	0	0.13	0	0.04	0.13	0.04	0.08	0	0.08
Red-headed Woodpecker	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0
Red-bellied Woodpecker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.38	0.24	0	0.08
Yellow-bellied Sapsucker	0	0	0.04	0	0	0	0	0	0	0	0.17	0	0	0	0	0	0	0
Downy Woodpecker	1.45	0.8	1.52	0.68	0.12	1.19	1.92	0.64	1.24	0.52	1.03	0.86	0.96	1.52	1	1.56	0.77	1.4
Hairy Woodpecker	0.91	1.04	1.15	0.77	0.35	0.31	0.42	0.32	0.1	0.14	0.37	0	0.11	0.26	0.08	0	0.23	0
Northern Flicker	1.27	0.52	0.89	1.32	1	2.69	1.75	0.55	0.86	0.38	1.43	1.21	1.07	1.35	1.5	0.56	0.46	0.88
Olive-sided Flycatcher	0	0	0	0	0	0	0	0	0.05	0.05	0.07	0	0	0.06	0	0.04	0	0
E. Wood-Pewee	0.36	0	0.37	0.23	0.29	0.56	0.25	0.05	0.48	0.24	0.1	0.14	0.32	0.61	0.79	0.12	0.77	0.44
Yellow-bell. Flycatcher	0.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04	0
Acadian Flycatcher	0.05	0	0	0	0	0.06	0.04	0	0	0	0	0	0.04	0	0	0.04	0	0
Alder Flycatcher	0	0	0	0	0	0.19	0	0	0	0.05	0	0	0	0	0	0	0	0
Willow Flycatcher	0	0	0	0	0.06	0	0	0	0	0	0	0.04	0	0	0	0	0	0
Least Flycatcher	0.09	0	0.04	0.05	0.24	0.13	0.04	0	0.24	0.05	0.07	0.07	0	0.03	0.08	0.04	0.12	0
Empidonax species	0.14	0.04	0	0	0	0	0	0	0.14	0	0.03	0	0.07	0.23	0.17	0.24	0	0.04
E. Phoebe	0	0.08	0.04	0	0.06	0	0.08	0.14	0.14	0	0.37	0	0.07	1	0	0.36	0	0.44
Grt.-Crested Flycatcher	0.55	0.64	0.56	0.64	0.59	0.81	0.71	0.73	1	2	1.03	1.86	1.04	0.87	1.25	1.4	1	1.4
E. Kingbird	1.55	1.72	1.56	1.45	2.06	1.19	1.38	1.14	1.52	1.24	0.97	1.32	0.79	0.58	0.83	0.72	0.65	0.88
Purple Martin	0.05	0.68	0.26	0	0	0	0	0	0	0	0	0	0	0	0.04	0.04	0	0.08
Tree Swallow	1.64	1.36	29.5	3.68	3.65	9	7.92	4.32	4.62	1.52	3.17	3.11	4	8.35	2.67	6.68	1.65	2.64
Rough-winged Swallow	0	0.08	0.11	0	0	0	0.29	0	0.05	0	0.07	0.07	0.14	0.06	0.08	0.2	0.15	0.12
Bank Swallow	0.05	0.12	0.37	0	0.06	0.13	0.21	0.32	0.19	0	0.03	0	0.07	0.13	0.08	0.36	0.15	0.2
Cliff Swallow	0	0	0.04	0	0.06	0	0	0	0	0	0	0	0	0	0	0.04	0	0
Barn Swallow	0.86	2.76	9.52	1.27	1.82	6.81	4.75	0.82	1.24	0.29	0.87	0.54	2	1.68	0.79	6.92	1.31	1.28
Blue Jay	4.91	1.2	0.85	0.64	2.94	2.13	0.58	1.5	7	1.95	2.3	4.96	4.79	2.35	7	3.84	1.77	2.68
Am. Crow	1.91	1.08	2.26	2.05	2.82	3.38	2.79	2.36	2.71	2.38	4.3	1.54	2.57	1.48	1.75	1.04	1.69	0.88
Fish Crow	0.14	0	0	0	0	0.5	0.04	0.5	0.1	0.05	0.03	0.04	0.04	0	0	0.04	0.12	0
Black-capped Chickadee	8.64	6.08	6.56	6.55	8.12	6.25	5.92	7.5	6.57	5	3.93	5.82	4.71	8.65	10.6	8.64	8.96	9.52

YEAR	2000	2001	2002	2003	2004	2005	2006	2007	Average	Correlation
Rock Dove	0	0	0	0	0	0	0	0	0.02	-0.27
Mourning Dove	0.19	0.52	0.3	0.25	0.19	0.38	0.56	1.45	0.34	0.53
Black-billed Cuckoo	0	0	0.04	0	0.04	0.06	0.07	0	0.03	0.16
Yellow-billed Cuckoo	0	0	0	0	0	0.03	0	0.1	0.01	0.408
Chimney Swift	0	0.06	0.22	0.11	0	0.12	0.11	0	0.19	-0.535
Ruby-thrted. Hummingbird	0	0	0.04	0.07	0.04	0	0.26	0.1	0.04	0.312
Belted Kingfisher	0.03	0.03	0.04	0.11	0.12	0.06	0.04	0.06	0.05	0.279
Red-headed Woodpecker	0	0	0	0	0	0	0	0	0	-0.147
Red-bellied Woodpecker	0.42	0	0	0	0.04	0	0.22	0.35	0.07	0.448
Yellow-bellied Sapsucker	0.03	0.27	0	0	0	0	0	0	0.02	0.108
Downy Woodpecker	1.42	1.76	1.67	2.5	2.62	2.97	1.89	2.48	1.4	0.724
Hairy Woodpecker	0.35	0.06	0.11	0.29	0.42	0.35	0.26	0.23	0.33	-0.461
Northern Flicker	0.94	1.15	0.41	1.04	1.5	0.5	0.19	1.52	1.04	0.027
Olive-sided Flycatcher	0.03	0.03	0	0	0.04	0	0	0	0.01	0.098
E. Wood-Pewee	0.1	0.21	0.22	0.21	0.35	0.21	0.33	0.52	0.32	0.291
Yellow-bell. Flycatcher	0	0	0	0	0	0	0	0	0.01	-0.261
Acadian Flycatcher	0	0	0	0	0	0	0.04	0.03	0.01	-0.006
Alder Flycatcher	0	0	0	0	0.04	0	0	0	0.01	-0.136
Willow Flycatcher	0	0	0	0	0	0	0	0	0	-0.192
Least Flycatcher	0.03	0	0	0	0.08	0	0.11	0.03	0.06	-0.184
Empidonax species	0.06	0	0.15	0	0.15	0.09	0	0	0.06	0.186
E. Phoebe	0.65	0.39	0.19	0.07	0	0.03	0.07	0.58	0.18	0.323
Grt.-Crested Flycatcher	1.32	1.61	2.11	1.82	1.96	0.65	2	1.45	1.19	0.784
E. Kingbird	0.39	0.15	0.7	0.68	1.12	0.41	0.74	0.84	1.02	-0.679
Purple Martin	0	0.03	0	0	0	0	0.04	0	0.05	-0.372
Tree Swallow	1.13	3.27	1.7	1.5	0.15	0.71	0.63	0.55	4.2	-0.374
Rough-winged Swallow	0.1	0.03	0.04	0.11	0	0	0	0	0.07	-0.041
Bank Swallow	0	0	0.07	0.07	0	0	0.04	0	0.1	-0.298
Cliff Swallow	0	0	0.04	0	0	0	0	0	0.01	-0.128
Barn Swallow	1	0.33	0.96	2	0.12	0.26	0.37	0.52	1.97	-0.368
Blue Jay	3.77	0.15	0.41	6.21	0.62	2.12	1.59	4.39	2.79	0.204
Am. Crow	1.97	3.06	2.07	2.25	1.54	1.53	2.11	2.32	2.15	0.128
Fish Crow	0.19	0	0.04	0.04	0.04	0	0.11	0	0.08	-0.146
Black-capped Chickadee	10.5	10.3	10.1	13.5	10.9	10.4	9.07	10.2	8.19	0.797

YEAR	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Tufted Titmouse	1.64	0.68	1	0.45	1.41	1.19	1.29	0.68	1.1	0.76	0.5	1.43	1.18	1.42	2.67	1.28	1.88	2.8
Red-breasted Nuthatch	0.77	0.08	0.41	0	0.53	0.44	0.08	0	1.33	0.14	0.03	0.5	0.54	0.1	0.5	0.2	0.35	0
White-breasted Nuthatch	0.18	0.08	0.15	0	0.35	0	0	0.05	0	0	0.1	0	0	0.52	0.46	0.68	1.04	1.12
Brown Creeper	0	0	0.93	0.45	0.18	0.06	0.21	0.18	0.05	0.19	0.37	0	0.07	0.16	0.17	0.24	0.08	0
Carolina Wren	0	0	0	0	0	0	0	0.14	0	0	0	0.04	0	0	0	0	0	0
House Wren	0	0.04	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0
Winter Wren	0	0.04	0.11	0	0.06	0	0	0.05	0.05	0	0.27	0.04	0	0.13	0	0	0.04	0.04
Golden-crowned Kinglet	0	0.04	0.33	0.36	0.18	0.19	0.42	0.91	0.33	0	4.63	0.11	0	0.35	0	0	0.65	0.24
Ruby-crowned Kinglet	0.86	1.12	4.96	2.36	2.41	4.38	1.13	7	1.43	0.1	6.77	0.82	0.29	2	0.88	0.44	0.81	0.48
Blue-gray Gnatcatcher	1.14	1.6	2.52	1.27	1.18	0.38	0.46	0.36	0.76	0.33	0.2	0.07	1.39	1.68	0.71	1.92	0.5	1.28
Veery	0.27	0.2	0.04	0.14	0.12	0.06	0.08	0.05	0.05	0.05	0	0	0.25	0.03	0.38	0.12	0.12	0
Gray-cheeked Thrush	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	0.04	0	0	0
Swainson's Thrush	1.14	0.36	0.07	0.05	0.12	0	0.04	0	0.05	0	0.2	0.14	0.11	0.03	0.33	0.08	0.08	0
Hermit Thrush	0.05	0.08	0.07	0.05	0	0	0	0.05	0	0	0.1	0.04	0.04	0.03	0	0	0.04	0.08
Wood Thrush	0	0.12	0.11	0.09	0	0	0.08	0.14	0	0.1	0	0.04	0.14	0.1	0.13	0.04	0	0.04
Am. Robin	9.95	7.4	9.07	5.14	4.82	7.5	6.21	7.32	8.19	5.86	6.8	7.96	7.32	10.3	10.3	7.76	7.46	8.24
Gray Catbird	6.64	4.92	3.33	4.86	6.18	8.13	5.54	5.77	4.76	4.24	2.43	7.21	4.79	5.39	6.13	6.36	6.08	7.6
N. Mockingbird	0.05	0	0.07	0.09	0.18	0	0	0.14	0	0.48	0.03	0	0	0.06	0	0.04	0	0.04
Brown Thrasher	0.09	0.08	0.11	0.09	0.12	0.06	0.04	0.14	0	0.05	0.03	0.07	0.11	0.06	0.17	0.28	0.04	0
American Pipit	0	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cedar Waxwing	1.05	0.4	0.15	4.05	4.47	1.06	2.83	1.86	2.86	2	0.93	6.07	1.86	2.68	5.92	1.12	5.08	2.24
Eur. Starling	0	0.24	0.3	0.05	0	0	0	0	0	0.1	0	0	0	0.19	0	0	0	0
White-eyed Vireo	0	0	0.04	0.05	0.12	0	0	0	0	0	0.07	0	0.04	0	0.04	0	0.04	0
Solitary Vireo	0.5	0.56	0.41	0.23	0.29	0.88	0.21	0.64	0.43	0.14	0.5	0.36	0.5	0.13	0.83	0.6	0.38	0.56
Yellow-throated Vireo	0	0.04	0.04	0	0	0	0	0	0.05	0	0	0.07	0	0	0	0	0.04	0
Warbling Vireo	0.05	0.04	0.04	0	0.12	0.13	0.08	0	0.05	0	0.03	0.04	0.21	0.03	0.08	0.08	0	0
Philadelphia Vireo	0	0	0	0.05	0	0	0	0	0	0	0.03	0	0.04	0.1	0.13	0	0	0
Red-eyed Vireo	2.09	1.16	0.78	1.36	2.18	1.5	2.17	1.73	1	1.33	0.83	1.21	1.21	1.52	2.54	1	1.42	1.24
Blue-winged Warbler	0.05	0.04	0	0.05	0	0.06	0	0	0	0	0	0.11	0.07	0	0	0.04	0	0
Tennessee Warbler	0.36	1.36	0.44	0.32	0.06	0.44	0	0.18	0.24	0.1	0	0.21	0	0.13	0.17	0.12	0.08	0.04
Nashville Warbler	0.45	0.4	0.41	0.32	0.12	0.25	0.08	0.05	0.19	0.19	0.1	0.18	0.25	0.1	0.33	0.12	0.08	0.48
Northern Parula	2.95	2.36	2.19	2.73	2.82	2.13	2.25	3.41	1.67	1.43	1.63	2.25	2.18	1.65	2.46	0.6	1.15	1.24
Yellow Warbler	1.73	1.2	1.15	0.59	1.82	1.13	1.63	0.73	0.67	0.43	0.6	1.07	1.07	0.65	0.5	1.2	1.19	1
Chestnut-sided Warbler	0.05	0.4	0.26	0.32	0.35	0.38	0.17	0.27	0.33	0.19	0.1	0.18	0.32	0.19	0.71	0.2	0.04	0.32
Magnolia Warbler	1.91	3.64	1.22	1.5	1.82	2.31	0.67	0.73	1.24	1.05	0.97	1.46	0.96	2.16	2.13	1.08	1.73	0.88
Cape May Warbler	0.27	0.04	2.04	0.14	0	0.31	0.21	0.05	0.1	0	0.03	0.07	0.07	0.03	0.04	0.08	0.04	0.04

	YEAR	2000	2001	2002	2003	2004	2005	2006	2007	Average	Correlation
Tufted Titmouse		2.13	2.18	3.04	3.07	2.27	3.53	2.85	2.74	1.74	0.853
Red-breasted Nuthatch		1.77	0.06	1.3	0	0.65	0.76	0.67	0.03	0.43	0.254
White-breasted Nuthatch		0.97	0.79	1.26	1.36	1.31	0.71	0.78	0.26	0.47	0.765
Brown Creeper		0.03	0	0.07	0.04	0.31	0.26	0.19	0	0.16	-0.2
Carolina Wren		0.03	0	0.19	0.61	0.08	0.03	0	0	0.04	0.303
House Wren		0	0.03	0.04	0	0.12	0	0	0	0.01	0.2
Winter Wren		0.03	0.03	0	0.04	0.23	0.06	0	0	0.05	0.068
Golden-crowned Kinglet		0.35	0.21	0.33	0.11	0.15	1.06	0.15	0.03	0.43	-0.004
Ruby-crowned Kinglet		3.1	2.79	1.89	0.68	1.77	2.71	1	1.19	2.05	-0.104
Blue-gray Gnatcatcher		0.61	1.36	1.85	0.29	0.54	0.68	0.52	0.68	0.93	-0.066
Veery		0.13	0.03	0	0.04	0	0.09	0.04	0	0.09	-0.252
Gray-cheeked Thrush		0	0	0	0	0	0.03	0.04	0	0.01	0.298
Swainson's Thrush		0	0	0	0.07	0.04	0.03	0	0.03	0.11	-0.431
Hermit Thrush		0.1	0.27	0.04	0.04	0.12	0.09	0	0	0.05	0.231
Wood Thrush		0.03	0	0.11	0.07	0.04	0	0	0	0.05	-0.227
Am. Robin		6.19	6.76	8.48	5.89	5.12	5	7.41	9.74	7.39	0.311
Gray Catbird		8.29	5.97	8.7	6.21	5.77	5.03	6.37	6.61	5.9	0.672
N. Mockingbird		0	0	0	0	0	0	0	0	0.05	-0.312
Brown Thrasher		0.13	0.06	0.07	0.04	0.04	0.06	0	0.03	0.08	-0.094
American Pipit		0	0	0	0	0	0	0	0	0	-0.307
Cedar Waxwing		4.81	1	5.41	0.25	5.5	0.82	3.78	1.65	2.69	0.33
Eur. Starling		0	0.03	0	0	0	0	0	0.06	0.04	-0.322
White-eyed Vireo		0.06	0	0.04	0	0	0.03	0	0	0.02	-0.063
Solitary Vireo		0.71	0.91	1	0.25	0.5	0.38	1	0.55	0.52	0.51
Yellow-throated Vireo		0	0	0	0	0	0.03	0	0	0.01	-0.152
Warbling Vireo		0.13	0	0.04	0.04	0.04	0.03	0	0	0.05	-0.094
Philadelphia Vireo		0	0	0.04	0.04	0	0	0	0.03	0.02	0.134
Red-eyed Vireo		0.84	0.73	0.52	0.93	1.46	0.91	1.37	0.94	1.31	-0.117
Blue-winged Warbler		0	0	0	0	0	0	0	0	0.02	-0.306
Tennessee Warbler		0.06	0	0	0	0.08	0	0	0.03	0.17	0.1
Nashville Warbler		0.26	0.48	0.41	0.29	0.65	0.06	0.07	0.1	0.25	-0.17
Northern Parula		3	1.3	1.93	1.25	1.65	1.88	0.67	2.55	1.97	0.146
Yellow Warbler		1.19	0.39	0.78	0.64	1.08	0.41	0.63	1	0.94	0.071
Chestnut-sided Warbler		0.61	0.15	0.15	0.36	0.31	0.24	0.04	0.26	0.27	-0.377
Magnolia Warbler		2	0.36	2.59	1.39	1.54	1.15	0.93	2	1.52	0.33
Cape May Warbler		0	0	0	0	0	0	0	0	0.14	-0.302

YEAR	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Black-thrtd. Blue Warb.	0.45	0.12	0.44	0.55	0.06	0	0.17	1.27	0.38	0.1	0.23	0.07	0.18	0.29	0.46	0.28	0.15	0.72
Yellow-rumped Warbler	8.95	19.5	43.7	16.1	31.1	36.8	36	21.8	41	5.48	19.4	12.7	17.4	30.5	13.5	20	9.08	8.76
Black-thrtd. Green Warb.	1.64	1.64	0.78	1.23	1.53	1.5	0.71	0.5	0.52	0.95	0.63	1.18	1.43	0.68	1.13	1.12	1.31	1.52
Blackburnian Warbler	1.05	1.08	0.37	0.5	0.41	1.25	0.21	0.5	1	0.33	0.03	0.5	0.93	0.39	0.75	0.76	0.31	0.8
Yellow-throated Warbler	0	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pine Warbler	1.59	2.08	1.89	1	2.53	3.25	2.5	2.91	3.95	3.48	2.4	2.57	1.71	3.26	2.63	5.52	4.27	4
Prairie Warbler	0.95	0.6	0.3	0.14	0.65	0.63	0.88	0.5	0.29	0.33	0.33	0.18	0.43	0.06	0.29	0.28	0	0.04
Palm Warbler	0.09	1.52	2.96	1.55	0.71	0.94	1.08	2.95	0.48	0.19	2.3	0.39	0.36	2.19	0.58	1.32	1.12	0.2
Bay-breasted Warbler	0.73	1.36	0.3	0.18	0.12	0.38	0.21	0	0.52	0.19	0.43	0.32	0.07	0.03	0.46	0.24	0.04	0.2
Blackpoll Warbler	3.5	2.24	2.19	1.45	1.88	2.56	1	0.68	1.86	2.48	2.5	2.32	3.54	3.23	2.42	1.68	0.92	1.08
Cerulean Warbler	0.05	0.04	0.04	0	0	0	0	0	0	0	0	0	0.04	0	0	0	0	0
Black-and-white Warbler	3.91	2.96	2.3	5.45	1.71	1.5	1.46	3.45	1.24	1.1	1.83	1.29	1.36	1.23	1.63	0.64	0.69	1.48
Am. Redstart	2.32	2	1	1.82	1.65	2.56	1.29	1.86	0.9	0.95	1.1	2.07	2.11	2.84	1.71	1.36	1.19	0.92
Worm-eating Warbler	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0	0	0	0	0
Ovenbird	0.18	0.32	0.3	0.23	0.06	0.19	0.21	0.18	0.24	0.14	0.1	0.18	0.5	0.26	0.67	0.16	0.23	0.32
Northern Waterthrush	0.27	0.24	0.19	0.14	0.12	0.38	0	0.14	0.1	0.1	0.17	0.29	0.29	0.68	0.67	0.16	0.08	0.44
Louisiana Waterthrush	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mourning Warbler	0.09	0	0	0	0.06	0	0	0	0.1	0	0.03	0	0	0.06	0	0	0.04	0
Common Yellowthroat	1.18	1.24	0.93	1.45	1.47	0.94	0.63	0.82	1.57	1.95	1.7	2.36	1.21	1.29	1.83	0.72	0.96	1.12
Hooded Warbler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.04
Wilson's Warbler	0.27	0.96	0.26	0.27	0.24	0.81	0	0.14	0.29	0.05	0	0.21	0.07	0	0.21	0.16	0.31	0
Canada Warbler	1.5	1.44	0.26	0.5	0.12	0.56	0.25	0.09	0.33	0.14	0.33	0.25	0.21	1.19	0.58	0.32	0.08	0.08
Yellow-breasted Chat	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.04	0	0	0
Summer Tanager	0.18	0	0.11	0	0	0	0	0	0.05	0	0	0	0.04	0	0.04	0.24	0	0
Scarlet Tanager	0.27	0.28	0.04	0.27	0.24	0.13	0	0.05	0.05	0.19	0.03	0.39	0.25	0.06	0.13	0.08	0.27	0
Northern Cardinal	0	0.68	0.44	1.55	0.24	1.69	1.29	0.23	0.86	0.86	1.6	0.29	2.21	1.71	2.29	1.72	1.77	2.4
Rose-breasted Grosbeak	0	2.4	0.7	0.64	0.06	1	0.17	0.09	0.29	0.43	0.27	0.25	0.21	0.1	0.54	0.08	0.19	0.12
Blue Grosbeak	0	0.2	0.15	0	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
Indigo Bunting	0	0.28	0.11	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.04	0
Rufous-sided Towhee	0	1.16	1.15	1.05	0.82	1	0.83	1.32	3.24	1.05	1.47	1.43	1.68	1.65	1.25	1.12	1.65	0.84
Chipping Sparrow	0	1.92	1.74	1.14	0.88	1.63	2.04	1.09	0.86	0.86	0.87	1.57	1.57	1.13	1.83	1.32	1.54	2.24
Field Sparrow	0	0.08	0.04	0	0.06	0	0.04	0	0	0	0.03	0	0	0.03	0	0.04	0	0
Savannah Sparrow	0	0	0	0	0	0	0.04	0	0	0	0	0	0.04	0.06	0	0	0	0
Song Sparrow	0	0	0.04	0	0.06	0	0	0.18	0.05	0.19	0.3	0.04	0	0.06	0	0.04	0.04	0.12
Lincoln's Sparrow	0	0	0.07	0	0	0	0	0	0	0	0	0	0	0	0.08	0	0	0
Swamp Sparrow	0	0	0	0.27	0.06	0	0	0	0.1	0	0	0	0	0.03	0	0.04	0	0.08

YEAR	2000	2001	2002	2003	2004	2005	2006	2007	Average	Correlation
Black-thrtd. Blue Warb.	0.45	0.52	0.37	0.32	0.88	0.59	0.22	0.32	0.37	0.047
Yellow-rumped Warbler	10.5	19.9	21	24.8	15.6	6.62	8.26	8.74	19.5	-0.409
Black-thrtd. Green Warb.	1.1	0.85	0.81	1.43	1.77	0.53	0.59	0.52	1.06	-0.307
Blackburnian Warbler	0.39	0.12	0.44	0.36	0.15	0.21	0.07	0.23	0.51	0.642
Yellow-throated Warbler	0	0	0	0	0	0	0	0	0	-0.716
Pine Warbler	3.65	4.18	3.07	3.29	2.54	5.97	3	2.48	3.07	0.187
Prairie Warbler	0	0.12	0	0	0.12	0.12	0.11	0.06	0.29	-0.472
Palm Warbler	0.61	2.7	1.93	2.29	1.62	2.41	0.74	0.58	1.3	-0.168
Bay-breasted Warbler	0.23	0.06	0.11	0.18	0.23	0	0.11	0.06	0.26	-0.243
Blackpoll Warbler	0.39	0.3	1.63	3.11	3.27	1.03	0.3	0.61	1.85	-0.587
Cerulean Warbler	0	0.03	0	0.04	0	0	0	0	0.01	0.089
Black-and-white Warbler	1.35	0.79	1.15	1.29	1.38	0.79	0.7	0.9	1.68	0.177
Am. Redstart	2.42	0.88	1.93	2.5	1.77	1.09	1.07	0.9	1.62	0.466
Worm-eating Warbler	0	0.06	0	0	0	0	0	0.03	0.01	0.173
Ovenbird	0.35	0.3	0.3	0.14	0.31	0.47	0.19	0.42	0.27	-0.027
Northern Waterthrush	0.45	0.03	0.19	0.14	0.73	0.26	0.15	0.13	0.25	0.49
Louisiana Waterthrush	0	0.03	0	0	0	0	0	0	0	0.289
Mourning Warbler	0	0	0.04	0	0.12	0	0	0	0.02	-0.038
Common Yellowthroat	1.16	1.03	2.37	1.04	1.58	1.97	2.15	1.19	1.38	-0.197
Hooded Warbler	0	0	0	0	0	0.03	0	0	0	-0.261
Wilson's Warbler	0.06	0.03	0.11	0.39	0.35	0	0.07	0	0.2	0.861
Canada Warbler	0.23	0.06	0.19	0.14	0.31	0	0.04	0.13	0.36	-0.387
Yellow-breasted Chat	0	0	0	0	0	0	0	0	0	-0.367
Summer Tanager	0.03	0	0	0	0.04	0	0	0	0.03	-0.304
Scarlet Tanager	0.1	0.09	0.15	0.07	0.15	0	0	0.06	0.13	0.666
Northern Cardinal	2.87	3.36	1.81	4.14	4.58	4.41	3.41	3.32	1.91	0.613
Rose-breasted Grosbeak	0.35	0.15	0.33	0.11	0.19	0.24	0	0.13	0.35	0.007
Blue Grosbeak	0	0.03	0.04	0	0	0	0	0	0.02	0.091
Indigo Bunting	0	0	0.04	0	0	0.03	0	0.03	0.02	0.054
Rufous-sided Towhee	1.52	1.64	3.33	1.82	2.27	2.21	1.74	1.48	1.49	0.221
Chipping Sparrow	2.1	1.85	2.52	1.39	3.12	2.65	1.56	1.1	1.56	0.027
Field Sparrow	0	0	0	0	0	0	0.04	0.1	0.02	0.112
Savannah Sparrow	0.03	0	0	0	0.04	0	0	0	0.01	0.014
Song Sparrow	0	0.03	0.04	0.04	0	0.18	0	0	0.05	0.571
Lincoln's Sparrow	0	0	0	0.07	0	0.06	0.04	0	0.01	-0.411
Swamp Sparrow	0	0.03	0	0	0.08	0.09	0	0.03	0.03	0.483

YEAR	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
White-throated Sparrow	0	0.72	1.15	29.9	3.65	1.5	1.58	5.82	4.19	1.43	6.57	0.57	1.46	4.58	9.17	0.92	1.5	0.96
White-crowned Sparrow	0	0	0.04	0.27	0	0	0	0	0.05	0	0	0	0	0.26	0	0	0	0
Dark-eyed Junco	0	0.08	0.26	0	0	0.19	0.08	0.27	0.1	0.1	0.4	0.04	0.07	0.19	0.04	0.72	0.42	0.08
Bobolink	0.5	0.44	1.48	0.18	0.35	0.44	0.04	0.09	0.14	0	0	0.61	0.21	0.29	0.92	0.2	0.15	0
Red-winged Blackbird	8.86	9	10.4	6.73	9.12	8.63	10.2	6.64	9.05	7.38	8.27	8.32	8.79	13.9	9.79	10.4	10.1	9.08
Rusty Blackbird	0	0	0.04	0.14	0.29	0	0.04	0.5	0	0	0.03	0	0	0.19	0.04	0	0	0
Common Grackle	5.23	6.88	13.8	12.7	10.4	10.9	9.42	4.45	12	6.05	8.9	6	8.07	5.9	7.25	8.4	10.8	5.52
Brown-headed Cowbird	0.77	0.68	1.96	0.95	1.53	1.5	2.17	0.68	2.38	1.19	1.5	1.14	1.11	2.16	1.13	1.2	0.73	0.96
Orchard Oriole	0	0	0.04	0	0	0	0.25	0	0.05	0	0.03	0.04	0	0.06	0	0.12	0.08	0
Northern Oriole	3.5	3.16	1.37	1.36	1.88	1.88	0.71	0.36	1.48	0.95	0.83	2.89	3.04	2.29	3.54	2.8	1.81	1.28
Purple Finch	0	2.28	2.78	1.09	1.53	3.44	0.96	0.41	0.57	0.86	0.47	0.25	0.79	0.87	2.58	0.04	0.58	0
House Finch	0	1.24	1.19	2.05	2.35	3.25	3.21	2.64	2.24	1.86	1.9	1.82	1.75	0.94	0.71	0.32	0.96	0.92
Pine Siskin	0	0	0.44	0.09	0.47	0.75	0.17	0	0	0	2.3	0.04	0	0	0.33	0	0.19	0
Am. Goldfinch	0	1.12	1.48	0.95	1.88	1.13	1.54	2.32	2.05	3	0	4.54	3.04	2.65	3.21	2.88	2.77	2.76
Evening Grosbeak	0	0.4	1.44	0.05	0.35	0.31	0.21	0.05	0.05	0.14	0	0	0.46	0	0.25	0	0.04	0.04
House Sparrow	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0
TIME (Minutes)	1045	1625	1610	1085	905	885	1275	990	1105	870	1400	1420	1350	1565	1265	1160	1210	1270
TIME (Hours)	17.4	27.1	26.8	18.1	15.1	14.8	21.3	16.5	18.4	14.5	23.3	23.7	22.5	26.1	21.1	19.3	20.2	21.2
Total Birds	108	120	190	141	138	162	138	119	150	79.8	118	111	115	150	143	127	107	103
Total Birds(/Count)	4.9	4.8	7	6.4	8.1	10.1	5.8	5.4	7.2	3.8	3.9	4	4.1	4.8	6	5.1	4.1	4.1

YEAR	2000	2001	2002	2003	2004	2005	2006	2007	Average	Correlation
White-throated Sparrow	9.97	7.15	8	2.86	7.62	5.29	2.07	4.65	4.74	0.171
White-crowned Sparrow	0.03	0	0.07	0.14	0.08	0	0	0	0.04	-0.216
Dark-eyed Junco	0.13	0.12	0.3	0.29	1.81	0.56	0.78	0.39	0.29	0.378
Bobolink	0.06	0.03	0.11	0.14	0.12	0.06	0	0.03	0.25	0.103
Red-winged Blackbird	10.6	15.5	9.26	8.61	10	8.65	7.67	11.2	9.47	-0.068
Rusty Blackbird	0.1	0.24	0.04	0	0.62	0	0.07	0.06	0.09	-0.389
Common Grackle	5.58	4.88	4.56	3.18	6.04	2.94	8.22	8.61	7.56	-0.161
Brown-headed Cowbird	0.94	2.45	1.22	1.25	2.08	1.68	1.52	1.42	1.4	0.806
Orchard Oriole	0.03	0.03	0	0	0.04	0	0	0.13	0.03	-0.407
Northern Oriole	1.13	0.61	1.26	0.96	1.04	0.88	1.26	2.32	1.72	-0.12
Purple Finch	2.23	0.36	1.78	0.54	0.73	1.38	0.85	0.13	1.06	0.482
House Finch	1.58	1	2.37	0.61	0.38	0.62	0.07	0.06	1.39	0.482
Pine Siskin	0.1	0	0.04	0	0.04	0.03	0.04	0	0.19	0.228
Am. Goldfinch	4.29	3.91	5.67	5.75	4.88	3.76	3.74	2.68	2.77	-0.329
Evening Grosbeak	0.1	0	0.11	0	0.04	0	0	0	0.16	-0.125
House Sparrow	0	0	0	0	0	0	0	0	0	-0.46
TIME (Minutes)	1535	1795	1570	1410	1465	1795	1345	1450	1323.08	
TIME (Hours)	25.6	29.9	26.2	23.5	24.4	29.9	22.4	24.2	22.05	
Total Birds	129	125	141	130	132	105	100	113	126.75	
Total Birds(/Count)	4.2	3.8	5.2	4.7	5.1	3.1	3.7	3.7	5.12	