

Cape Cod Bird Club
Feeder Census Data 1980-2007
 Analysis

Species	Birds/Feeder/Month										Average	
	1980-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	2002-2007	1980-2007
On List												
Sharp-shinned Hawk		0.24		1.00	1.00	0.06	0.07	0.14	0.08	0.08	0.09	0.03
Cooper's Hawk				1.00	1.00	0.02	0.06	0.05	0.04	0.06	0.05	0.01
Northern Bobwhite	1.61	0.39	1.09	7.20	3.50	0.13	0.17	0.12	0.01	0.03	0.09	1.25
Mourning Dove	6.64	5.93	5.34	5.63	3.67	3.91	3.95	4.37	4.54	4.28	4.21	6.10
Northern Flicker	0.53	0.71	0.57	1.19	1.32	0.56	0.71	0.74	2.13	0.74	0.98	0.62
Hairy Woodpecker		0.57		1.57	1.30	0.69	0.67	0.85	0.83	0.14	0.64	0.14
Downy Woodpecker	1.50	1.67	1.85	2.10	2.24	1.75	1.48	1.84	0.98	0.16	1.24	1.47
Red-bellied Woodpecker		0.27	0.29	1.11	1.28	0.28	0.36	0.56	0.66	0.51	0.47	0.11
Blue Jay	3.97	3.36	3.15	4.40	4.56	2.77	2.96	2.79	3.84	2.85	3.04	3.74
American Crow	2.21	2.57	3.23	3.96	4.14	2.62	2.42	2.98	3.21	2.99	2.84	2.39
Black-capped Chickadee	5.24	4.41	5.12	3.86	4.10	3.44	3.62	4.39	4.56	3.90	3.98	4.96
Tufted Titmouse	1.84	2.08	3.25	2.65	2.55	1.99	2.36	2.64	2.61	2.24	2.37	2.01
White-breasted Nuthatch	0.93	0.95	1.63	1.41	1.56	0.78	0.96	1.17	1.14	0.85	0.98	0.97
Red-breasted Nuthatch	0.35	0.17	0.59	1.40	1.39	0.18	0.55	0.67	0.90	0.26	0.51	0.38
Brown Creeper	0.11		0.18	1.27	1.33	0.09	0.17	0.16	0.18	0.12	0.14	0.12
Carolina Wren	0.19	0.79	0.74	1.34	1.32	0.77	0.77	0.80	0.46	0.56	0.67	0.33
American Robin	1.18	5.59	2.20	5.20	5.42	2.25	2.38	1.58	2.22	3.41	2.37	1.62
Cedar Waxwing		0.15	0.22	5.00	9.00	0.01	0.11	0.08	0.08	0.06	0.07	0.03
European Starling	3.47	1.97	5.91	8.33	38.21	1.88	4.05	3.49	1.65	1.61	2.54	3.33
Yellow-rumped Warbler		1.26	0.70	2.86	2.21	0.94	1.37	0.42	0.62	0.72	0.81	0.23
Pine Warbler		0.18		1.27	1.40	0.21	0.11	0.08	0.18	0.09	0.13	0.03
Northern Cardinal	2.12	3.10	2.64	3.79	3.09	2.26	2.95	3.09	3.63	2.82	2.95	2.34
Song Sparrow	1.03	1.47	1.40	2.56	2.44	1.07	1.37	1.44	1.63	1.29	1.36	1.12
American Tree Sparrow	0.22		0.22	1.00	1.33	0.00	0.04	0.08	0.08	0.08	0.06	0.18
White-throated Sparrow	1.03	2.41	1.63	3.71	5.04	0.44	0.76	0.88	1.07	1.32	0.89	1.08
Dark-eyed Junco	1.90		2.26	4.22	4.59	3.43	3.34	2.15	3.39	1.64	2.79	2.01
Red-winged Blackbird	1.52	1.19	1.19	9.41	4.57	1.19	1.02	0.63	1.33	1.26	1.09	1.41
Common Grackle	2.36	1.24	1.63	5.74	7.00	3.62	1.86	0.83	2.37	0.65	1.87	2.19
Brown-headed Cowbird	0.35	0.35	0.73	1.27	4.29	0.58	0.44	0.26	0.49	0.18	0.39	0.37
House Finch	5.06	4.35	4.10	5.84	4.82	2.48	3.63	2.93	2.97	2.26	2.85	4.57
Pine Siskin	0.02		0.87				0.07	0.08	0.00	0.01	0.03	0.05
American Goldfinch	4.26	8.63	6.43	8.29	5.82	4.79	5.14	5.76	7.45	5.78	5.78	4.80
House Sparrow	4.08	3.44	3.48	7.50	9.50	2.69	2.53	2.69	1.89	1.80	2.32	3.69
Statistics in gray inconsistent with 25 yr trends; omitted from averages.												

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Species	Percentage of Feeders									Average
	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	1999-2007
On List										
Sharp-shinned Hawk	17.00%	15.00%	9.00%	7.00%	6.00%	7.60%	15.86%	7.69%	8.66%	10.42%
Cooper's Hawk			9.00%	4.00%	1.00%	6.90%	5.52%	4.49%	7.87%	4.31%
Northern Bobwhite	4.00%	15.00%	6.00%	6.00%	3.00%	2.59%	2.07%	1.28%	0.79%	4.53%
Mourning Dove	79.00%	80.00%	77.00%	80.00%	79.00%	75.00%	88.28%	87.82%	93.70%	82.20%
Northern Flicker	43.00%	37.00%	43.00%	54.00%	46.00%	50.00%	51.03%	92.31%	52.76%	52.12%
Hairy Woodpecker	43.00%	32.00%	42.00%	50.00%	58.00%	45.69%	58.62%	56.41%	62.99%	49.86%
Downy Woodpecker	85.00%	81.00%	77.00%	75.00%	89.00%	81.03%	82.07%	58.97%	87.40%	79.61%
Red-bellied Woodpecker		17.00%	27.00%	23.00%	30.00%	31.03%	50.34%	49.36%	47.24%	30.55%
Blue Jay	81.00%	83.00%	88.00%	83.00%	75.00%	83.62%	79.31%	89.10%	86.61%	83.18%
American Crow	61.00%	68.00%	68.00%	77.00%	76.00%	59.48%	74.48%	79.49%	81.10%	71.62%
Black-capped Chickadee	95.00%	100.00%	98.00%	98.00%	98.00%	96.55%	98.62%	98.72%	96.85%	97.75%
Tufted Titmouse	86.00%	90.00%	90.00%	87.00%	86.00%	90.52%	91.72%	93.59%	93.70%	89.84%
White-breasted Nuthatch	63.00%	80.00%	66.00%	68.00%	66.00%	66.38%	83.45%	76.92%	76.38%	71.79%
Red-breasted Nuthatch	13.00%	36.00%	6.00%	62.00%	19.00%	37.93%	46.21%	55.77%	27.56%	33.72%
Brown Creeper	5.00%	15.00%	9.00%	19.00%	9.00%	14.66%	15.86%	14.10%	13.39%	12.78%
Carolina Wren	51.00%	51.00%	64.00%	45.00%	69.00%	54.31%	57.93%	33.97%	44.88%	52.34%
American Robin	51.00%	46.00%	45.00%	46.00%	51.00%	42.24%	42.07%	58.33%	60.63%	49.14%
Cedar Waxwing	5.00%	5.00%	2.00%	2.00%	1.00%	0.86%	0.69%	3.21%	1.57%	2.37%
European Starling	23.00%	34.00%	33.00%	27.00%	28.00%	20.69%	31.03%	25.00%	21.26%	27.00%
Yellow-rumped Warbler	35.00%	27.00%	26.00%	38.00%	35.00%	43.10%	23.45%	19.87%	30.71%	30.90%
Pine Warbler	8.00%	9.00%	7.00%	4.00%	19.00%	6.02%	6.90%	11.54%	7.87%	8.81%
Northern Cardinal	74.00%	73.00%	87.00%	87.00%	86.00%	82.76%	84.83%	96.79%	96.06%	85.27%
Song Sparrow	57.00%	55.00%	65.00%	55.00%	54.00%	56.90%	56.55%	64.10%	63.78%	58.59%
American Tree Sparrow		6.00%	1.00%	2.00%		2.59%	4.14%	3.85%	5.51%	2.79%
White-throated Sparrow	56.00%	35.00%	40.00%	22.00%	21.00%	23.28%	25.52%	32.69%	53.54%	34.34%
Dark-eyed Junco	44.00%	46.00%	42.00%	54.00%	68.00%	73.28%	53.10%	69.23%	60.63%	56.69%
Red-winged Blackbird	19.00%	21.00%	25.00%	22.00%	19.00%	19.83%	15.17%	24.36%	25.20%	21.17%
Common Grackle	23.00%	5.00%	21.00%	13.00%	18.00%	18.10%	17.24%	18.59%	16.54%	16.72%
Brown-headed Cowbird	11.00%	16.00%	10.00%	11.00%	14.00%	9.48%	9.66%	12.82%	9.45%	11.49%
House Finch	77.00%	71.00%	77.00%	71.00%	65.00%	67.24%	73.79%	76.28%	71.65%	72.22%
Pine Siskin		5.00%				5.17%	4.14%	0.00%	0.79%	1.68%
American Goldfinch	91.00%	91.00%	88.00%	81.00%	78.00%	80.17%	88.28%	92.31%	81.89%	85.74%
House Sparrow	35.00%	36.00%	37.00%	30.00%	26.00%	29.31%	40.69%	27.56%	35.43%	33.00%
Statistics in gray inconsiste										

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	1980-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	2002-2007	1980-2007
Other Reported Birds												
Double-crested Cormorant										0.08	0.02	
Pied-billed Grebe										0.04	0.01	
Great Blue Heron									0.02	0.08	0.02	0.00
Canada Goose							0.63	0.10	0.02	0.04	0.16	0.03
Wood Duck				1.00							0.00	0.00
Mallard					10.17		0.56	0.35	0.10	0.92	0.39	0.07
American Black Duck							0.03	0.06			0.02	0.00
Ring-necked Duck					10.67		0.08	0.13		0.23	0.09	0.02
Bufflehead					12.20		0.09	0.40		0.92	0.28	0.05
Common Merganser										0.15	0.03	0.01
Hooded Merganser					4.00		0.09				0.02	0.00
Red-breasted Merganser								0.09		0.23	0.06	0.01
Northern Harrier					1.00			0.03	0.01		0.01	0.00
Red-tailed Hawk				1.00	1.33		0.05	0.05	0.10	0.46	0.13	0.03
Red-shouldered Hawk								0.01			0.00	0.00
Kestrel				1.67		0.02	0.01				0.01	0.00
Merlin					1.00			0.01			0.00	0.00
Northern Goshawk								0.01			0.00	0.00
Osprey									0.01		0.00	0.00
Ring-necked Pheasant							0.01	0.01	0.03		0.01	0.00
Wild Turkey						0.01	0.10	0.02	0.03	0.42	0.12	0.02
Ring-billed Gull									0.01		0.00	0.00
Herring Gull				1.50			0.02	0.01	0.02		0.01	0.00
Rock Pigeon											0.00	0.00
Eastern Screech Owl					1.00	0.02	0.02		0.01	0.15	0.04	0.01
Great Horned Owl				1.00	1.00	0.01	0.02	0.02		0.04	0.02	0.00
Belted Kingfisher								0.01			0.00	0.00
Yellow-bellied Sapsucker							0.01				0.00	0.00
Eastern Kingbird									0.01		0.00	0.00
Eastern Phoebe							0.01		0.02	0.27	0.06	0.01
Fish Crow							0.01	0.08			0.02	0.00
Winter Wren						0.01					0.00	0.00
Golden-crowned Kinglet				1.00	1.00		0.02	0.05	0.04	0.38	0.10	0.02
Ruby-crowned Kinglet				1.50	1.00	0.01					0.00	0.00
Eastern Bluebird		0.10		1.00	3.00	0.01	0.33	0.34	0.49	0.47	0.33	0.07
Veery				1.00	3.00	0.27					0.05	0.01
Hermit Thrush					1.00	0.01	0.04	0.01	0.06	0.12	0.05	0.01
Gray Catbird					1.00				0.01		0.00	0.00
Northern Mockingbird					1.00		0.04	0.02	0.04	0.38	0.10	0.02
Brown Thrasher			0.35	1.33	1.00	0.06					0.01	0.02
Summer Tanager								0.01			0.00	0.00
Western Tanager						0.02	0.01				0.01	0.00
Orange-crowned Warbler										0.27	0.05	0.01
Yellow Warbler											0.00	0.00
Bl. Throated Blue Warbler				1.00							0.00	0.00
Common Yellowthroat					2.00						0.00	0.00
Purple Finch	0.06			1.00	1.00			0.02	0.01	0.04	0.01	0.05
Eastern Towhee					1.00			0.04	0.03	0.04	0.02	0.00
Chipping Sparrow				1.17			0.21		0.08	0.15	0.09	0.02
Field Sparrow					4.00	0.09		0.01	0.01		0.02	0.00
Swamp Sparrow								0.06	0.01	0.23	0.06	0.01
Savannah Sparrow								0.02			0.00	0.00
Fox Sparrow				3.00			0.02	0.04	0.03	0.12	0.04	0.01
Rose-breasted Grosbeak					1.00						0.00	0.00
Indigo Bunting					3					0.04	0.01	0.00
Blue Grosbeak				1.84		0.05	0.01			0.08	0.03	0.01
Dickcissel											0.00	0.00
Baltimore Oriole				1.00	1.00		0.02		0.02		0.01	0.00
Common Redpoll				1.00			0.83		0.01		0.17	0.03
Evening Grosbeak	0.03						1.02				0.20	0.06

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 Analysis

	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	1999-2007
Other Reported Birds										
Double-crested Cormorant										
Pied-billed Grebe										
Great Blue Heron								2.56%	0.00%	0.28%
Canada Goose						2.59%	2.07%	1.28%	0.79%	0.75%
Wood Duck			1.23%							0.14%
Mallard			6.13%	4.69%		3.45%	6.21%	2.56%	3.15%	2.91%
American Black Duck						1.72%	0.69%			0.27%
Ring-necked Duck				2.34%		1.72%	1.38%		0.79%	0.69%
Bufflehead				3.91%		1.72%	3.45%			1.27%
Common Merganser									0.79%	0.09%
Hooded Merganser				0.78%						0.09%
Red-breasted Merganser							2.76%		0.79%	0.39%
Northern Harrier				4.69%			2.76%	0.64%		0.90%
Red-tailed Hawk			3.07%	2.34%		5.17%	4.14%	8.33%	7.09%	3.35%
Red-shouldered Hawk							0.69%			0.08%
Kestrel		2.00%	2.00%	2.00%	3.00%	0.86%				0.87%
Merlin				0.78%			0.69%			0.16%
Northern Goshawk							0.69%			0.08%
Osprey								0.64%		0.07%
Ring-necked Pheasant						0.86%	0.69%	0.64%		0.24%
Wild Turkey					5.00%	3.45%	2.07%	2.56%	1.57%	1.63%
Ring-billed Gull								0.64%		0.07%
Herring Gull			1.50%			1.72%	1.38%	1.92%		0.72%
Rock Pigeon										0.00%
Eastern Screech Owl				4.69%	1.00%	2.59%		1.28%	3.15%	1.41%
Great Horned Owl			3.00%	1.56%	1.00%	1.72%	2.07%		0.00%	1.04%
Belted Kingfisher							0.69%			0.08%
Yellow-bellied Sapsucker						0.86%				0.10%
Eastern Kingbird								0.64%		0.07%
Eastern Phoebe						0.86%		1.28%	4.72%	0.76%
Fish Crow						0.86%	0.69%			0.17%
Winter Wren					1.00%					0.11%
Golden-crowned Kinglet			0.61%	1.56%		1.72%	1.38%	3.21%	3.94%	1.38%
Ruby-crowned Kinglet			4.00%	2.00%	1.00%					0.78%
Eastern Bluebird	5.00%		1.00%	2.34%	1.00%	10.53%	15.17%	15.38%	16.54%	7.44%
Veery	6.00%		1.00%	2.00%	9.00%					2.00%
Hermit Thrush				2.34%	1.00%	3.45%	1.38%	6.41%	2.36%	1.88%
Gray Catbird				0.78%				1.28%		0.23%
Northern Mockingbird				3.91%		4.31%	2.07%	3.85%	7.87%	2.45%
Brown Thrasher	15.00%	24.00%	11.00%	4.00%	6.00%					6.67%
Summer Tanager							0.69%			0.08%
Western Tanager				0.78%	3.00%	0.86%				0.52%
Orange-crowned Warbler									4.72%	0.52%
Yellow Warbler										0.00%
Bl. Throated Blue Warbler			0.61%							0.07%
Common Yellowthroat				0.78%						0.09%
Purple Finch			3.68%	1.56%			1.38%	0.64%	0.79%	0.89%
Eastern Towhee				4.69%			4.14%	3.21%	0.79%	1.43%
Chipping Sparrow			3.68%			8.62%		3.85%	1.57%	1.97%
Field Sparrow				3.13%	4.00%		0.69%	0.64%		0.94%
Swamp Sparrow							3.45%	0.64%	2.36%	0.72%
Savannah Sparrow							1.38%			0.15%
Fox Sparrow			3.00%			2.59%	2.76%	3.21%	2.36%	1.55%
Rose-breasted Grosbeak				0.78%						0.09%
Indigo Bunting					4				0.79%	0.09%
Blue Grosbeak			2.00%		5.00%	0.86%				0.87%
Dickcissel										0.00%
Baltimore Oriole			0.61%			1.72%		1.92%		0.47%
Common Redpoll				0.78%		4.31%		0.64%		0.64%
Evening Grosbeak									1.57%	0.17%

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	1980-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	2002-2007	1980-2007
Exotics											0.00	0.00
Monk Parakeet						0.10					0.02	0.00
European Goldfinch									0.01		0.00	0.00

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	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	1999-2007
Exotics										0.00%
Monk Parakeet					3.00%					0.33%
European Goldfinch								0.64%		0.07%