

2008 Pennsylvania Migration Count May 10, 2008

Species	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	Blair	Bradford	Bucks	Cambria	Cameron
Snow Goose						11			1		
Canada Goose		117	18		191	317	8	202	996	54	14
Mute Swan					2	3			11	1	
Tundra Swan											
Wood Duck		4			31	13		36	43	2	8
Gadwall									2		
American Wigeon											
American Black Duck								1			
Mallard	8	70	3		42	115	10	36	193	10	4
Blue-winged Teal									10		
Northern Shoveler									4		
Redhead					1						
Ring-necked Duck						1				1	
Greater Scaup									1		
Lesser Scaup						3			1		
Surf Scoter											
Bufflehead							2				
Hooded Merganser											
Common Merganser						1		46	23	2	6
Red-breasted Merganser					5						
Ruddy Duck					5	1	4		2		
Ring-necked Pheasant		1			2		3	2		2	
Ruffed Grouse					7	12	5	5		1	
Wild Turkey		35	1		19	25	5	28	6	4	5
Northern Bobwhite					1				2		
Red-throated Loon											
Common Loon					1	21	3		10	5	
Pied-billed Grebe					2				1		
Horned Grebe									4		
Double-crested Cormorant					15	14		2	273		
American Bittern		1			1				5		
Least Bittern											
Great Blue Heron	1	22	2		22	32	1	35	130	2	3
Great Egret		3			2				8		
Little Blue Heron						1					
Green Heron		1			7	7		1	6	2	1
Black-crowned Night-Heron					1				6		

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Species	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	Blair	Bradford	Bucks	Cambria	Cameron
Glossy Ibis											
Black Vulture	2					23			50		
Turkey Vulture	7	25	1		79	164	3	44	149	5	50
Osprey					4	3	4	6	15	2	
Bald Eagle					1	1		7	9		1
Northern Harrier		1			4	2			2		
Sharp-shinned Hawk		1			3	9			6		
Cooper's Hawk		3			1	4		1	10	1	
Northern Goshawk						1					
Accipiter sp.						1			1		
Red-shouldered Hawk	1	4				5			4		
Broad-winged Hawk		2			1	3		2	2	2	3
Red-tailed Hawk	2	30			28	54	3	19	55	6	2
Buteo sp.											
American Kestrel		3			6	12		9	6	3	
Merlin									1		
Peregrine Falcon									2		
Virginia Rail									1	3	
Sora					1				5	3	
Common Moorhen					1				2		
American Coot					7		1			1	
Sandhill Crane								2			
Semipalmated Plover						4			16		
Killdeer	2	24	2		25	19		20	27	7	2
Greater Yellowlegs	1	1			12	12			13		
Lesser Yellowlegs		3				14			13		
Solitary Sandpiper	9	3			2	23		2	41		
Spotted Sandpiper	3	10			15	24	6	18	52	5	
Ruddy Turnstone					1						
Semipalmated Sandpiper					4				7		
Least Sandpiper		2			1	130			257		
White-rumped Sandpiper									1		
Pectoral Sandpiper					1	1					
Dunlin					2				4		
Short-billed Dowitcher						1			1		
Wilson's Snipe						2					
American Woodcock					2			5			

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Species	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	Blair	Bradford	Bucks	Cambria	Cameron
Wilson's Phalarope											
Laughing Gull									710		
Bonaparte's Gull		2				1		3	35	6	
Little Gull									1		
Ring-billed Gull		4			31	19		112	185	38	
Herring Gull		4							1006		
Lesser Black-backed Gull									5		
Great Black-backed Gull									52		
Common Tern		2									
Forster's Tern											
Black Tern									2	1	
Rock Pigeon	10	54			31	119		70	104	9	20
Eurasian Collared-Dove											
Mourning Dove	16	97	19	2	201	334	4	92	290	93	15
Black-billed Cuckoo		1			4	1	2	6	5		
Yellow-billed Cuckoo					10	10	3	7	16		
Barn Owl											
Eastern Screech-Owl						3	1		4		1
Great Horned Owl		2			2	4			5		1
Barred Owl					1		1				3
Long-eared Owl											
Northern Saw-whet Owl											
Common Nighthawk		4			1				4		
Whip-poor-will					1		3				2
Chimney Swift	5	397		4	28	106		9	100	21	8
Ruby-throated Hummingbird	3	4	4	2	62	17	5	9	15	26	
selasphorus sp.											
Belted Kingfisher	1	4			11	10		10	14		1
Red-headed Woodpecker					3	3			3		
Red-bellied Woodpecker	7	71		1	38	101	2	24	165	6	2
Yellow-bellied Sapsucker					3			10		1	4
Downy Woodpecker	1	30	3	1	50	72	6	13	64	8	1
Hairy Woodpecker	1	6			20	19	5	8	12	5	1
Northern Flicker	2	37	1		23	66	4	18	108	3	8
Pileated Woodpecker		12			16	17	4	6	12	4	2
Olive-sided Flycatcher											
Eastern Wood-Pewee	2				8	6			16		

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Species	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	Blair	Bradford	Bucks	Cambria	Cameron
Yellow-bellied Flycatcher											
Acadian Flycatcher	1	4				9	2		3		
Willow Flycatcher					1	1			6		
Least Flycatcher		5			2			7	4		3
Empid sp.					4				1		
Eastern Phoebe	4	19	1		34	52	5	21	57	3	4
Great Crested Flycatcher	2	1			11	46	4	7	70		2
Eastern Kingbird	5	25			30	21	2	9	75	4	2
White-eyed Vireo	3	19			1	13	2		21	1	
Blue-headed Vireo	2	5				2	2	6	3	4	8
Yellow-throated Vireo		5			2	20		4	12		
Warbling Vireo		34				14		17	90		3
Philadelphia Vireo											
Red-eyed Vireo	20	103			51	215	16	36	215	6	15
Blue Jay	4	125	9	2	170	378	12	61	371	58	12
American Crow	5	124	5	1	136	182	9	213	249	74	30
Fish Crow						28			37		
crow sp.									11		
Common Raven		2			6	1	2	17	1	2	1
Horned Lark		1				20					
Purple Martin	2				19	27			8		
Tree Swallow	6	18			103	194	50	152	575	138	25
N. Rough-winged Swallow	4	195			32	72	6	27	179	10	2
Bank Swallow	20				23	15		37	7		
Cliff Swallow					11	58		3	43	30	200
Barn Swallow	40	51			302	211		54	203	43	12
swallow sp.									11		
Carolina Chickadee	4	28				32			158		
Black-capped Chickadee		9	1	1	74	25	6	66	2	36	7
chickadee sp.		46				50			24		
Tufted Titmouse	9	87	3	1	69	141	14	37	178	15	6
Red-breasted Nuthatch		2				7		1		1	
White-breasted Nuthatch	1	16	2	1	37	37	6	22	47	9	3
Brown Creeper					1	2		1	2		
Carolina Wren	8	59	1		26	68	6	15	150		1
House Wren	6	40			37	95	2	25	154	6	3
Winter Wren								1			

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Species	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	Blair	Bradford	Bucks	Cambria	Cameron
Marsh Wren									1		
Sedge Wren					3						
Golden-crowned Kinglet					1	2					
Ruby-crowned Kinglet	2	3	1		2	2	1		3		1
Blue-gray Gnatcatcher	5	38			13	81	6		152	3	8
Eastern Bluebird	2	28	6	7	67	83	15	25	96	20	2
Veery		2			3	57		3	38	6	4
Gray-cheeked Thrush											
Swainson's Thrush		1				2			12		
Hermit Thrush					1	1		3	1	1	1
Wood Thrush	9	115	2		40	217	14	29	263	14	4
American Robin	50	492	23	1	376	566	18	276	1362	154	20
Gray Catbird	14	98	2		105	399	11	84	833	14	8
Northern Mockingbird	5	15	3		26	67	2	4	116		
Brown Thrasher	3	5	1		38	18	4	9	15	1	1
European Starling	60	205	14	3	224	649	20	153	736	82	12
American Pipit									1		
Cedar Waxwing	2	16			2	9	50	44	216		25
Blue-winged Warbler	2	15				21		7	52		
Golden-winged Warbler					4		2				
Brewster's Warbler											
Tennessee Warbler		7			1	2		2	4		
Nashville Warbler		11			1	4			5	1	
Northern Parula		2			8	26	1	2	79		4
Yellow Warbler		153			52	59		91	276	14	12
Chestnut-sided Warbler		13			27	38	5	14	15	8	5
Magnolia Warbler		13			9	8		1	25		4
Cape May Warbler		1							5		
Black-throated Blue Warbler	2	16			8	20		1	86	1	2
Yellow-rumped Warbler	2	60			23	28		5	226	26	6
Black-throated Green Warbler	3	24			12	35		7	33	14	9
Blackburnian Warbler		9			1	2			8	2	11
Yellow-throated Warbler	4	3									1
Pine Warbler			1			4			5		
Prairie Warbler		4			1	15		5	55		
Palm Warbler									2	1	1
Bay-breasted Warbler		4				1					

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Species	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	Blair	Bradford	Bucks	Cambria	Cameron
Blackpoll Warbler						5			11		
Cerulean Warbler		7			2	6	2		2		
Black-and-white Warbler	1	6			36	52	2	1	77	1	6
American Redstart	7	18			52	73	10	49	75	5	20
Prothonotary Warbler						1			2		
Worm-eating Warbler			1		6	27	4		14		1
Ovenbird	5	11			82	201	6	50	221	22	5
Northern Waterthrush		1				7		1	22		
Louisiana Waterthrush	2	3			1	13	5	2	6		1
Kentucky Warbler	1	5				3			1	1	
Mourning Warbler						1					
Common Yellowthroat	3	34			103	133	21	95	259	13	10
Hooded Warbler	4	35			18	24	8	1	4	6	
Wilson's Warbler						1					
Canada Warbler						1			4	2	
Yellow-breasted Chat		5			5	2			5		
Summer Tanager					2						
Scarlet Tanager	14	64			64	75	10	14	80	7	2
Eastern Towhee	4	150	2		203	118	28	11	122	32	8
American Tree Sparrow		2			1			10			
Chipping Sparrow	6	73	14	3	118	156	29	67	122	87	15
Clay-colored Sparrow											
Field Sparrow	4	22			19	59	18	20	71	4	5
Vesper Sparrow						1				1	
Savannah Sparrow	2	1			6	2		2	34	1	
Grasshopper Sparrow	2	4				2				2	
Henslow's Sparrow		1									
Fox Sparrow					1						
Song Sparrow	5	172	2	1	71	119	10	128	235	48	12
Lincoln's Sparrow						1					
Swamp Sparrow		1			15	3	1	4	26	3	2
White-throated Sparrow	6	17			18	46	2	9	36	4	3
White-crowned Sparrow		4	2		24	2	1	7	14	1	3
Dark-eyed Junco		1			7	2		19		2	19
Northern Cardinal	13	275	11	4	143	266	12	62	405	46	8
Rose-breasted Grosbeak	4	35	3		87	43	7	33	84	43	10
Blue Grosbeak									1		

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Indigo Bunting	6	54	1		50	79	9	13	79	8	7
Dickcissel											
Bobolink	12	2			10	75		59	107	4	
Red-winged Blackbird	35	187	5		287	256	55	390	785	142	25
Eastern Meadowlark		2			33	5		13	10	4	
Rusty Blackbird					17				1		
Common Grackle	12	129	17	2	203	421	23	227	581	94	20
Brown-headed Cowbird	5	70	4		72	141	4	39	297	6	6
Orchard Oriole	1	22			15	17	1	2	35		
Baltimore Oriole	10	128	3		80	164	16	129	296	16	12
Purple Finch		1	1	1	34	2	2	15	2	6	
House Finch	14	26	8	3	91	125	12	17	78	62	2
Common Redpoll											
Pine Siskin		1			11			20			9
American Goldfinch	13	187	7	2	169	221	17	159	235	85	18
Evening Grosbeak											1
House Sparrow	9	106	11	3	89	158	9	15	121	56	6
Total birds	595	5335	221	46	5577	9558	717	4213	17671	1961	884
Total species	81	129	42	21	148	156	84	115	172	102	93
Total participants	1	52	4	1	39	40	17	25	63	16	2
feeder subtotal			3	1	6	5	1	1	1	8	
nocturnal subtotal					3	3	1	7	6	0	
Daytime "field birding" hrs	13	210	5.5	1	99	115	6	74.7	182.5	29.5	23
Nocturnal hours			0		5	2	1	2.5	3		
Feeder hours		5	22.5		56	83	2	25.3	4	28.5	1.5
Total party hours	13	215	28	1	160	200	9	102.5	189.5	58	24.5
Miles on foot	5	124	4		42	91	6	26.8	62.5	14	6
Miles traveled	50	74	40		154	363	5	273.5	404.5	154.5	105
Tot miles	55	198	44	0	196	454	11	300.3	467	168.5	111
Hrs / Obs	13.00	4.04	1.38	1.00	2.54	2.88	0.35	2.99	2.90	1.84	11.50
Birds / Hr	0.69	0.49	0.39	3.00	0.56	0.79	1.00	0.15	0.64	0.97	0.24

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Species	Chester	Clarion	Clearfield	Clinton	Cumberland	Dauphin	Delaware	Forest	Franklin	Huntingdon	Indiana
Snow Goose											
Canada Goose	202	60	23	11	262	221	1	35	465	98	195
Mute Swan	5										6
Tundra Swan											
Wood Duck	52	4	8	11	54	17			37	14	23
Gadwall						1					
American Wigeon					1						
American Black Duck											
Mallard	41	9	6	14	103	55		2	222	19	44
Blue-winged Teal					3						
Northern Shoveler											
Redhead											
Ring-necked Duck	1				1					1	
Greater Scaup	2										1
Lesser Scaup					3				2		3
Surf Scoter											
Bufflehead					1					2	1
Hooded Merganser					2				2	2	
Common Merganser	1	2		7				16			1
Red-breasted Merganser					1						1
Ruddy Duck	1										
Ring-necked Pheasant	1				3	1			8	5	6
Ruffed Grouse			5	2				2	1	7	18
Wild Turkey	2	6	8	1	23	4		2	39	8	51
Northern Bobwhite					2						
Red-throated Loon											1
Common Loon	9			1	2				1		5
Pied-billed Grebe					1			1		1	
Horned Grebe											
Double-crested Cormorant	6	3			12	14				1	9
American Bittern					2					1	
Least Bittern	1				1						
Great Blue Heron	20	8	10	1	20	12		2	38	15	19
Great Egret	1				18	20				1	
Little Blue Heron											
Green Heron	3	2	3	4	8	7			8	7	2
Black-crowned Night-Heron					22	1					

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Species	Chester	Clarion	Clearfield	Clinton	Cumberland	Dauphin	Delaware	Forest	Franklin	Huntingdon	Indiana
Glossy Ibis					1						
Black Vulture	28				13	14			31	11	
Turkey Vulture	64	15	6	22	98	32		14	152	32	62
Osprey	10				5	1		1	2	4	2
Bald Eagle	6				2	2		1	1	3	
Northern Harrier	3		1		4	1			8	1	1
Sharp-shinned Hawk	1	1			3	2		1	4	1	4
Cooper's Hawk	4				7	1			6		2
Northern Goshawk											
Accipiter sp.			1						1		
Red-shouldered Hawk		1			2						1
Broad-winged Hawk				2	8			1	5	4	6
Red-tailed Hawk	29	4	3	8	25	13	2	1	54	15	31
Buteo sp.				1							
American Kestrel	5	2	1	6	16	3			24	4	7
Merlin	1										
Peregrine Falcon											
Virginia Rail	1										
Sora	4				1					1	
Common Moorhen											
American Coot									1		1
Sandhill Crane											
Semipalmated Plover	9				1						
Killdeer	9	7	4	10	34	8		1	102	7	27
Greater Yellowlegs	11				45	1					5
Lesser Yellowlegs	11				21	7		1	1		
Solitary Sandpiper	39	1	1	6	16	10			16	17	2
Spotted Sandpiper	29	1	2	4	34	6	1	7	38	23	8
Ruddy Turnstone											
Semipalmated Sandpiper	2				1	1					
Least Sandpiper	246				18	13			14		
White-rumped Sandpiper											
Pectoral Sandpiper					2						
Dunlin					2				1		
Short-billed Dowitcher					2						
Wilson's Snipe	1		1		1	1				3	
American Woodcock		4	2	2	1				2	1	3

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Wilson's Phalarope											
Laughing Gull											
Bonaparte's Gull					1	8					
Little Gull											
Ring-billed Gull					1	6			28	3	1
Herring Gull											
Lesser Black-backed Gull											
Great Black-backed Gull											
Common Tern											23
Forster's Tern									1		
Black Tern									1		1
Rock Pigeon	56	7	10	33	120	44		5	552	12	32
Eurasian Collared-Dove									3		
Mourning Dove	102	30	64	63	206	102	6	18	600	52	274
Black-billed Cuckoo	2			2	4	5			18	3	10
Yellow-billed Cuckoo	4	1		3	10	4			13	5	2
Barn Owl					1						
Eastern Screech-Owl	10				1				4	2	2
Great Horned Owl	3	1	1		3	1			11	1	2
Barred Owl	3			3	2				3	6	4
Long-eared Owl											
Northern Saw-whet Owl											
Common Nighthawk			2								
Whip-poor-will				1	3			1	4	4	1
Chimney Swift	84	39	4	15	139	29	6	1	48	24	122
Ruby-throated Hummingbird	9	8	10	8	5	5		3	38	13	45
selasphorous sp.											1
Belted Kingfisher	4	1	1		7	1		2	15	5	3
Red-headed Woodpecker					10				23		1
Red-bellied Woodpecker	55	4	2	11	61	21	2	1	124	25	55
Yellow-bellied Sapsucker								1	1		
Downy Woodpecker	40	6	11	9	36	13	1	2	85	11	46
Hairy Woodpecker	10	2	1	1	10	1		1	17	4	16
Northern Flicker	41	7	5	11	39	21		4	79	17	42
Pileated Woodpecker	1	3	3	2	16	1		2	28	9	26
Olive-sided Flycatcher											
Eastern Wood-Pewee	9				3	3			10	6	1

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Yellow-bellied Flycatcher											
Acadian Flycatcher	14				2				17	6	4
Willow Flycatcher	1					1					
Least Flycatcher			2					4	2		
Empid sp.						3				1	
Eastern Phoebe	32	8	3	9	29	12		1	82	35	49
Great Crested Flycatcher	22		2	8	57	7	1		59	23	5
Eastern Kingbird	33	9	1	2	28	9	1	7	86	11	7
White-eyed Vireo	21				16	2			2		6
Blue-headed Vireo		5		2	4			16	5	15	31
Yellow-throated Vireo	12	1			3				1	7	9
Warbling Vireo	27				13	12			12	7	2
Philadelphia Vireo											
Red-eyed Vireo	69	27	6	44	108	35	5	5	282	144	64
Blue Jay	159	46	30	30	132	82	2	25	306	54	245
American Crow	69	49	25	85	161	95	2	63	254	92	356
Fish Crow	8			4	34	4			29	7	4
crow sp.	41			10		19					
Common Raven			2	1	4			2	8	13	10
Horned Lark	38				10				29		5
Purple Martin	44				116				46		
Tree Swallow	319	45	8	16	125	98	4	12	215	76	219
N. Rough-winged Swallow	34	13	1	3	65	49		21	45	8	96
Bank Swallow							1		4	10	4
Cliff Swallow				73		1		4		22	4
Barn Swallow	111	14	14	16	275	38		7	459	103	361
swallow sp.											
Carolina Chickadee	81				33	5	8		25	1	1
Black-capped Chickadee		13	16	17	10	8		19	59	25	96
chickadee sp.						16			2		5
Tufted Titmouse	92	19	6	28	95	27	6	15	160	48	98
Red-breasted Nuthatch									4	6	1
White-breasted Nuthatch	38	2	2	9	18	13	1	1	42	10	44
Brown Creeper									1		
Carolina Wren	57	3	4	10	33	22	2	1	77	32	18
House Wren	66	10	10	28	82	31	6		98	35	61
Winter Wren								3			1

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Species	Chester	Clarion	Clearfield	Clinton	Cumberland	Dauphin	Delaware	Forest	Franklin	Huntingdon	Indiana
Marsh Wren											
Sedge Wren											
Golden-crowned Kinglet					2					2	2
Ruby-crowned Kinglet	1				1				11		
Blue-gray Gnatcatcher	61	1	1	20	31	6	1	2	48	53	27
Eastern Bluebird	73	13	6	16	60	31		6	198	21	70
Veery	31				2				7	2	1
Gray-cheeked Thrush											
Swainson's Thrush					1	3			1		
Hermit Thrush		3		1	3			9	2	4	5
Wood Thrush	120	23	7	49	114	43	1	13	163	86	252
American Robin	348	100	85	308	425	170	28	55	1348	154	813
Gray Catbird	474	13	27	70	506	206		7	389	106	179
Northern Mockingbird	38	1		9	50	17			174	10	13
Brown Thrasher	11	35	1	8	42	7		2	82	30	30
European Starling	138	16	40	221	477	100		34	1455	120	396
American Pipit					5				5		
Cedar Waxwing	47			3	22				62	1	15
Blue-winged Warbler	16				18	10		2	2	8	16
Golden-winged Warbler									3	13	
Brewster's Warbler										2	
Tennessee Warbler											6
Nashville Warbler						1			3	1	9
Northern Parula	19			4	19	4		3	9	15	8
Yellow Warbler	99	17	5	24	76	33		19	67	43	108
Chestnut-sided Warbler	3	6	1	12	10	6		15	5	1	16
Magnolia Warbler	3				2	3		11	4	1	4
Cape May Warbler									10	2	3
Black-throated Blue Warbler	8			8	18	7		8	58	5	3
Yellow-rumped Warbler	74	7		1	32	5			20	7	14
Black-throated Green Warbler	23	18		21	22	2		44	50	34	75
Blackburnian Warbler	2		2	5	1			15	6	6	8
Yellow-throated Warbler								1	1	1	7
Pine Warbler				1	3				12	3	2
Prairie Warbler	10	3	3		6	1			1	19	9
Palm Warbler					1				1		
Bay-breasted Warbler					1						2

2008 Pennsylvania Migration Count May 10, 2008

Species	Chester	Clarion	Clearfield	Clinton	Cumberland	Dauphin	Delaware	Forest	Franklin	Huntingdon	Indiana
Blackpoll Warbler	3				4				2		
Cerulean Warbler	2	3		5	1	1			12	9	14
Black-and-white Warbler	9	4		12	12	6		1	6	10	8
American Redstart	20	1	3	14	25	27		6	65	59	40
Prothonotary Warbler											
Worm-eating Warbler	1			3	1	2			2	11	1
Ovenbird	98	10	18	21	40	17	1	31	166	143	144
Northern Waterthrush	2				1	1			3	2	
Louisiana Waterthrush	7	1		2	4	2		2	15	14	6
Kentucky Warbler	1				2				2		7
Mourning Warbler											
Common Yellowthroat	129	28	3	58	77	34	2	12	95	103	194
Hooded Warbler		2		15	30	1		3	9	14	39
Wilson's Warbler											2
Canada Warbler				1	1	3		1			
Yellow-breasted Chat	1				5	3			11	8	3
Summer Tanager											
Scarlet Tanager	28	7	2	23	33	14	1	6	82	64	95
Eastern Towhee	86	31	19	53	100	23		14	157	119	211
American Tree Sparrow									1		
Chipping Sparrow	81	29	22	35	111	30	15	34	290	124	228
Clay-colored Sparrow		2									
Field Sparrow	42	4	10	2	59	9		5	59	30	60
Vesper Sparrow					6				17		3
Savannah Sparrow	18	1			4	1		1	12		8
Grasshopper Sparrow	4	3		2	7				11	1	4
Henslow's Sparrow		5									1
Fox Sparrow											
Song Sparrow	139	21	15	56	119	59	3	20	236	62	178
Lincoln's Sparrow									1		
Swamp Sparrow		6	1					3	3	4	8
White-throated Sparrow	10			8	28	9	2	1	54	10	4
White-crowned Sparrow		1	2	4	2			2	129	7	35
Dark-eyed Junco		6		5				6	2	1	1
Northern Cardinal	184	14	16	46	201	71	10	10	434	56	237
Rose-breasted Grosbeak	5	10	8	26	8	13	1	14	19	14	100
Blue Grosbeak					2				2		

2008 Pennsylvania Migration Count May 10, 2008

Species	Chester	Clarion	Clearfield	Clinton	Cumberland	Dauphin	Delaware	Forest	Franklin	Huntingdon	Indiana
Indigo Bunting	46	2	3	9	64	30		3	112	68	65
Dickcissel					5						
Bobolink	37	13						9	72	3	9
Red-winged Blackbird	340	144	37	46	337	203		51	466	107	674
Eastern Meadowlark	10	13	5	1	43	8		5	66	10	39
Rusty Blackbird						2			13		
Common Grackle	74	75	66	236	625	64		45	1234	200	428
Brown-headed Cowbird	143	5	8	28	67	42	4	3	198	32	65
Orchard Oriole	22	3	2		9	5			30	10	24
Baltimore Oriole	98	13	10	26	130	52	3	10	244	75	84
Purple Finch		2	5	9	7			5	13		27
House Finch	52		14	38	60	27	9	3	182	8	58
Common Redpoll									3		2
Pine Siskin				9				2		15	3
American Goldfinch	126	30	30	35	166	46	12	14	444	80	173
Evening Grosbeak											
House Sparrow	28	24	7	70	206	21	4	17	531	28	165
Total birds	6127	1272	815	2349	7591	2804	155	920	15105	3553	8604
Total species	128	90	78	97	159	114	35	93	153	133	148
Total participants	25	7	7	8	18	14	1	2	73	12	58
feeder subtotal			4	1	0	1			18	0	32
nocturnal subtotal			2	1	2	0		2	4	4	6
Daytime "field birding" hrs	62	28	16.25	20	98.5	81.5	2.5	13.25	145	50.5	121.5
Nocturnal hours			0.5	1	2	0		1	3	3	6
Feeder hours		1	16	0.5	3	8		1.5	77	1.5	69.5
Total party hours	62	29	32.75	21.5	103.5	89.5	2.5	15.75	225	55	197
Miles on foot	37.5	9	5	9	13	89	1	3	33	30	44
Miles traveled	127	168	38	68	395.5	104.5		113	735	355	511
Tot miles	164.5	177	43	77	408.5	193.5	1	116	768	385	555
Hrs / Obs	2.48	4.00	2.32	2.50	5.47	5.82	2.50	6.63	1.99	4.21	2.09
Birds / Hr	0.45	0.83	0.21	3.26	1.99	0.23	1.60	1.08	2.36	0.51	0.84

2008 Pennsylvania Migration Count May 10, 2008

Species	Juniata	Lackawanna	Lebanon	Lehigh	Luzerne	Lycoming	Mercer	Mifflin	Monroe	Montgomery	Montour
Snow Goose			32								
Canada Goose	250	337	430	66	266	18	10	2	8	45	2
Mute Swan	1	4			1						
Tundra Swan		11									
Wood Duck	181	16	11	6	33	3				4	1
Gadwall											
American Wigeon					1						
American Black Duck					2					13	
Mallard	128	73	115	42	96	5	3	6	4	9	1
Blue-winged Teal											
Northern Shoveler											
Redhead											
Ring-necked Duck	1				1						
Greater Scaup											
Lesser Scaup	3										
Surf Scoter	1				2						
Bufflehead					11						
Hooded Merganser	2				3						
Common Merganser	5	5	3	6	13	6					
Red-breasted Merganser	5				7						
Ruddy Duck					3						
Ring-necked Pheasant	10		3	3		1					
Ruffed Grouse	27	5			3	7	2	1			
Wild Turkey	32	31	14	1	32	14	5		1		
Northern Bobwhite											
Red-throated Loon											
Common Loon					11	2	1				
Pied-billed Grebe					1						
Horned Grebe	1					1					
Double-crested Cormorant	56		5	6	5		1				
American Bittern	1				1						
Least Bittern											
Great Blue Heron	14	24	14	4	4	9	2				
Great Egret											
Little Blue Heron											
Green Heron	13	5	7	1	7				1		
Black-crowned Night-Heron			1		1						

2008 Pennsylvania Migration Count May 10, 2008

Species	Juniata	Lackwanna	Lebanon	Lehigh	Luzerne	Lycoming	Mercer	Mifflin	Monroe	Montgomery	Montour
Glossy Ibis											
Black Vulture	32		69	2	1						
Turkey Vulture	174	35	150	14	73	18	3	5	4	8	
Osprey	3	3	3		4	1	1				
Bald Eagle	5	2	6		5						
Northern Harrier											
Sharp-shinned Hawk	5	3	1		4	2					
Cooper's Hawk	5	2	5		4	2			2	1	1
Northern Goshawk											
Accipiter sp.			1								
Red-shouldered Hawk	7	1	8		1		1				
Broad-winged Hawk	4	1	2		4					1	
Red-tailed Hawk	68	18	17	10	35	6	3	1	2	3	
Buteo sp.	1	5									
American Kestrel	16		7	1	9	2					
Merlin											
Peregrine Falcon			1		4						
Virginia Rail					3	2					
Sora					3	2					
Common Moorhen											
American Coot	1				2						
Sandhill Crane	2										
Semipalmated Plover			3								
Killdeer	58	23	8	4	35	4	4	5			
Greater Yellowlegs	3	2	3		1						
Lesser Yellowlegs	2	1	20		5						
Solitary Sandpiper	22	12	9	3	18		2		1		
Spotted Sandpiper	125	12	29	31	18					4	
Ruddy Turnstone											
Semipalmated Sandpiper											
Least Sandpiper			95		47						
White-rumped Sandpiper											
Pectoral Sandpiper	1										
Dunlin											
Short-billed Dowitcher											
Wilson's Snipe	2	4			1						
American Woodcock		2	3		4		1				

2008 Pennsylvania Migration Count May 10, 2008

Species	Juniata	Lackawanna	Lebanon	Lehigh	Luzerne	Lycoming	Mercer	Mifflin	Monroe	Montgomery	Montour
Wilson's Phalarope											
Laughing Gull											
Bonaparte's Gull											
Little Gull											
Ring-billed Gull	1				9						
Herring Gull					2						
Lesser Black-backed Gull											
Great Black-backed Gull											
Common Tern											
Forster's Tern											
Black Tern											
Rock Pigeon	346	26	398	11	121	4	3	35		2	
Eurasian Collared-Dove											
Mourning Dove	280	131	237	28	155	55	20	11	6	32	2
Black-billed Cuckoo	9	11	1		2	3	2	2			1
Yellow-billed Cuckoo	36	6	11		4			2	1		
Barn Owl			7								
Eastern Screech-Owl	14				13						
Great Horned Owl	9				2					1	
Barred Owl	7	1	2		3		1				
Long-eared Owl											
Northern Saw-whet Owl											
Common Nighthawk											
Whip-poor-will	16		5		21	1					
Chimney Swift	137	16	15	6	31	7	8			63	
Ruby-throated Hummingbird	45	3	8	3	5	4	3	6		3	
selasphorous sp.											
Belted Kingfisher	21	6	7	2	7	1	1	1		1	1
Red-headed Woodpecker	2										
Red-bellied Woodpecker	115	6	50	16	23	6	3	4	2	17	1
Yellow-bellied Sapsucker	1	12	1		1	3	2				
Downy Woodpecker	71	24	31	5	17	9	3		3	4	
Hairy Woodpecker	32	12	9	1	7	1				5	
Northern Flicker	71	37	29	14	41	6	2	8	2	9	
Pileated Woodpecker	46	10	13	4	13	4	1				1
Olive-sided Flycatcher	1										
Eastern Wood-Pewee	25		8	1	1					1	

2008 Pennsylvania Migration Count May 10, 2008

Species	Juniata	Lackawanna	Lebanon	Lehigh	Luzerne	Lycoming	Mercer	Mifflin	Monroe	Montgomery	Montour
Yellow-bellied Flycatcher	1										
Acadian Flycatcher	37										
Willow Flycatcher	3		1								
Least Flycatcher	1	4		1	15	3					
Empid sp.											1
Eastern Phoebe	113	22	25	1	23	15	5	1	5	8	2
Great Crested Flycatcher	112	9	12	2	26	2	5	7		3	
Eastern Kingbird	43	20	14	1	6			1		6	
White-eyed Vireo	4		14				2	1		2	
Blue-headed Vireo	8	12	4		17	9	3		1	1	
Yellow-throated Vireo	33	6	4		12		6		2		
Warbling Vireo	86	19	4	1	17	5	4				19
Philadelphia Vireo	3										
Red-eyed Vireo	421	62	148	11	35	59	9	14	10	17	
Blue Jay	303	186	134	50	188	41	4	7	8	28	1
American Crow	297	251	199	12	212	75	7	11	6	9	2
Fish Crow	19		56	2	16	1					
crow sp.											
Common Raven	12	4	2		9	8					
Horned Lark			4								
Purple Martin	221		62				70	50			
Tree Swallow	131	215	209	21	217	21	8	6	6	15	
N. Rough-winged Swallow	90	33	31	51	52	15	2			2	
Bank Swallow	2	22	1		31					3	
Cliff Swallow	7				15	10	5	2			
Barn Swallow	392	153	154	6	92	16	9	34		4	
swallow sp.			2								
Carolina Chickadee			22	1						20	
Black-capped Chickadee	46	114	7	15	77	35	3	5	4		
chickadee sp.			2								
Tufted Titmouse	208	46	61	14	55	30	7	6	3	19	
Red-breasted Nuthatch	11	5			3	3					
White-breasted Nuthatch	52	23	21	6	19	8	3	1	1	5	1
Brown Creeper	1		1		5						
Carolina Wren	125	11	40	2	19	8	4		1	12	
House Wren	73	47	109	6	33	15	8	4		18	2
Winter Wren	2		1		2		2				

2008 Pennsylvania Migration Count May 10, 2008

Species	Juniata	Lackwanna	Lebanon	Lehigh	Luzerne	Lycoming	Mercer	Mifflin	Monroe	Montgomery	Montour
Indigo Bunting	299	37	52	5	28	8	6	15	8	7	
Dickcissel											
Bobolink	7	109	22		44		5				
Red-winged Blackbird	503	697	115	13	504	35	16	7	10	7	4
Eastern Meadowlark	28	8	6		11	5	4	2			
Rusty Blackbird											
Common Grackle	1285	164	268	27	416	40	19	57	4	20	2
Brown-headed Cowbird	262	65	81	26	108	17	9	3	8	19	
Orchard Oriole	40		6	1	1	1	2	4		2	
Baltimore Oriole	445	88	54	54	54	46	7	14	6	29	1
Purple Finch	18	34			10					4	
House Finch	119	41	28	4	51	13	1	14		12	
Common Redpoll											
Pine Siskin	7				17						
American Goldfinch	410	86	103	26	149	66	10	19	3	17	
Evening Grosbeak											
House Sparrow	333	85	296	1	74	14	5	27		30	
Total birds	15407	5528	7163	1340	6949	1730	544	663	264	967	70
Total species	155	111	134	89	153	104	92	69	60	82	35
Total participants	33	13	10	6	17	5	3	4	3	4	1
feeder subtotal	1	1	0		2		0				
nocturnal subtotal	19		2		10	1	0				
Daytime "field birding" hrs	111	15	65.75	20	79	14	8	12	12	13.5	2
Nocturnal hours	7.5	0	1.5		5	1	0				
Feeder hours	3.5	6	0	1	5	0	0				
Total party hours	122	21	67.25	21	89	16	8	12	12	13.5	2
Miles on foot	46.5	22	40.8	7	31	12	25	3	1	5	2
Miles traveled	280.5	316	265	70	447	95	25	1	25	10	
Tot miles	327	338	305.8	77	478	107	50	4	26	15	2
Hrs / Obs	3.36	1.15	6.58	3.33	4.65	2.80	2.67	3.00	4.00	3.38	2.00
Birds / Hr	2.73	4.05	4.40	0.05	0.83	0.88	0.63	2.25	0.00	2.22	0.00

2008 Pennsylvania Migration Count May 10, 2008

Species	Northampton	Perry	Philadelphia	Pike	Schuylkill	Snyder	Tioga	Warren	Washington	Westmoreland	York
Glossy Ibis											
Black Vulture	15	1	1		2						3
Turkey Vulture	43	4	1	20	46	4	22	11	6	31	14
Osprey	6		1		3		1			3	1
Bald Eagle	3			3	3		2	4			
Northern Harrier	3				1		1				1
Sharp-shinned Hawk	1				3						1
Cooper's Hawk	4		3		2						1
Northern Goshawk											
Accipiter sp.											
Red-shouldered Hawk		2			2						
Broad-winged Hawk	3		1		4						2
Red-tailed Hawk	19	3	13	9	17	1	5	7	1	32	8
Buteo sp.							1				
American Kestrel	8				3	4	3	3	1	10	2
Merlin											
Peregrine Falcon	2										
Virginia Rail							5	4			3
Sora							1	5			1
Common Moorhen											
American Coot											1
Sandhill Crane									2		
Semipalmated Plover	4		3								
Killdeer	8		3		15	4	5		3	46	1
Greater Yellowlegs	1		4								1
Lesser Yellowlegs	20		2		4						1
Solitary Sandpiper	8		7	1	3	1		1		6	1
Spotted Sandpiper	8		12	7	11	3	1	2		13	
Ruddy Turnstone											
Semipalmated Sandpiper	3		7								
Least Sandpiper	101		56			1					
White-rumped Sandpiper											1
Pectoral Sandpiper											
Dunlin	1										
Short-billed Dowitcher											
Wilson's Snipe											
American Woodcock					2		2				

2008 Pennsylvania Migration Count May 10, 2008

Species	Northampton	Perry	Philadelphia	Pike	Schuylkill	Snyder	Tioga	Warren	Washington	Westmoreland	York
Wilson's Phalarope	1										
Laughing Gull			28								
Bonaparte's Gull											
Little Gull											
Ring-billed Gull	126	2	370			2					1
Herring Gull	1		1								
Lesser Black-backed Gull	12										
Great Black-backed Gull			1								
Common Tern											3
Forster's Tern											1
Black Tern											
Rock Pigeon	56	2	169		51	4	17	3	5	141	6
Eurasian Collared-Dove											
Mourning Dove	87	26	226	12	89	11	66	26	2	208	9
Black-billed Cuckoo	2		1		5				1	12	1
Yellow-billed Cuckoo	2	9		1	3					5	2
Barn Owl											
Eastern Screech-Owl	5				4						4
Great Horned Owl	2				2			3			2
Barred Owl	2				1	2					
Long-eared Owl							1				
Northern Saw-whet Owl					1						
Common Nighthawk											
Whip-poor-will					14						
Chimney Swift	54		49		20		7	7	11	180	4
Ruby-throated Hummingbird	5	6	10	3	11	1	6	4	4	24	2
selasphorous sp.											
Belted Kingfisher	6		2		10		3	3	2	12	2
Red-headed Woodpecker									1		
Red-bellied Woodpecker	37	24	42	5	31	1	4	5	1	49	14
Yellow-bellied Sapsucker		1			1		5	2		3	
Downy Woodpecker	21	8	13	4	29	1	7	6	1	41	
Hairy Woodpecker	3	5	3		11	1	4			14	3
Northern Flicker	24	6	33		30	1	6	4	3	30	7
Pileated Woodpecker	3	7	1	1	24	2	2			15	1
Olive-sided Flycatcher										1	
Eastern Wood-Pewee		3	1	1	3					4	3

2008 Pennsylvania Migration Count May 10, 2008

Species	Northampton	Perry	Philadelphia	Pike	Schuylkill	Snyder	Tioga	Warren	Washington	Westmoreland	York
Yellow-bellied Flycatcher											
Acadian Flycatcher	1				6	1			3	13	1
Willow Flycatcher			3							3	
Least Flycatcher	3			1	1		1		2	5	
Empid sp.										3	
Eastern Phoebe	19	5	8	6	24	2	9	2	2	35	6
Great Crested Flycatcher	27	4	14	1	20			2	3	4	1
Eastern Kingbird	6		41	2	5		6		4	22	1
White-eyed Vireo	4	1	8		3				5	20	2
Blue-headed Vireo	2		1	1	27	3	2	3	1	15	
Yellow-throated Vireo	5	8	1	3	3	1		4	1	8	
Warbling Vireo	28	2	66	4	1			2	2	12	2
Philadelphia Vireo			1								
Red-eyed Vireo	29	58	76	4	316	42	5	17	3	112	12
Blue Jay	112	45	30	20	286	12	75	3	7	171	8
American Crow	118	38	15	12	207	27	77	27	16	201	13
Fish Crow	9	4	2	1	15	1					
crow sp.			5								
Common Raven				1	5		3			8	1
Horned Lark	4	1			13				2	9	1
Purple Martin	9				32				10	3	
Tree Swallow	72	17	296	10	99	12	60	30	1	146	12
N. Rough-winged Swallow	32	3	24		68	2	8	4	7	61	3
Bank Swallow	12				17					3	
Cliff Swallow								26		9	
Barn Swallow	62	17	134		62	5	41	21	9	264	9
swallow sp.											
Carolina Chickadee	1		22						6	19	8
Black-capped Chickadee	27	10		15	73	4	36	8		53	
chickadee sp.			1							48	
Tufted Titmouse	47	64	26	8	107	5	19	8	4	73	13
Red-breasted Nuthatch	1			2	6		1			5	
White-breasted Nuthatch	13	4	10	1	20		7	6	2	21	5
Brown Creeper				2	4					2	
Carolina Wren	21	11	40		15	2		1	4	53	14
House Wren	45	3	60	3	44	4	6	2	6	56	1
Winter Wren							1			1	

2008 Pennsylvania Migration Count May 10, 2008

Species	Northampton	Perry	Philadelphia	Pike	Schuylkill	Snyder	Tioga	Warren	Washington	Westmoreland	York
Marsh Wren			2							2	
Sedge Wren											
Golden-crowned Kinglet					8					1	
Ruby-crowned Kinglet		1	1	2	7					7	
Blue-gray Gnatcatcher	23	17	19	3	42	1		7	6	36	17
Eastern Bluebird	21	8	3	4	35	8	14	1	4	73	12
Veery	13		17		23	1	1		1	6	
Gray-cheeked Thrush											
Swainson's Thrush			11						1	3	
Hermit Thrush					5		7			3	
Wood Thrush	70	37	62	7	116	8	17	4	18	253	8
American Robin	190	31	453	8	305	23	145	115	23	930	13
Gray Catbird	153	24	283	7	220	3	20	12	10	150	32
Northern Mockingbird	22	3	225		13	4			6	26	3
Brown Thrasher	10	1	9	1	7	2	3		2	15	
European Starling	213	23	265	2	223	68	155	61	18	651	10
American Pipit										20	
Cedar Waxwing	9	21	15	2	10		3		1	17	
Blue-winged Warbler	12	3		5	25		1	7	1	15	
Golden-winged Warbler		1		1	1					2	
Brewster's Warbler											
Tennessee Warbler											
Nashville Warbler	1	1	5	1	7				3	7	
Northern Parula	13	8	45	7	39			3		9	5
Yellow Warbler	44	4	81	10	39	9	8	15	12	267	7
Chestnut-sided Warbler	3	1	13	2	34		2	8	1	15	
Magnolia Warbler	6	2	12	1	13		1	4	2	5	
Cape May Warbler			7		2					1	
Black-throated Blue Warbler	8	10	29	2	33	2	1	3	3	18	
Yellow-rumped Warbler	2	9	151	6	46	3	15	2	7	17	
Black-throated Green Warbler	4		15	4	93	5	4	5	2	42	
Blackburnian Warbler	3		6	3	15	6	2	10	3	7	
Yellow-throated Warbler	1							1	1	3	
Pine Warbler		1		4	9						1
Prairie Warbler	1	2		6	19					1	
Palm Warbler					3				1		
Bay-breasted Warbler			1		1					2	

2008 Pennsylvania Migration Count May 10, 2008

Species	Northampton	Perry	Philadelphia	Pike	Schuylkill	Snyder	Tioga	Warren	Washington	Westmoreland	York
Indigo Bunting	7	67	7	4	70	7			16	106	11
Dickcissel											
Bobolink	6		10		1		32	1	6	17	
Red-winged Blackbird	80	25	321	15	158	31	140	95	30	694	37
Eastern Meadowlark	3				2		1		4	54	6
Rusty Blackbird										2	
Common Grackle	254	40	137	10	162	32	72	85	20	515	27
Brown-headed Cowbird	108	33	97	15	92	6	4	12	15	54	
Orchard Oriole	9	1	6		1	3			4	14	4
Baltimore Oriole	81	36	109	10	67	7	19	29	17	176	11
Purple Finch	3	1		2	2		3	2		6	
House Finch	37	2	88	4	29		9	7	5	49	1
Common Redpoll											
Pine Siskin											
American Goldfinch	103	5	88	6	109	13	47	11	10	274	10
Evening Grosbeak							1				
House Sparrow	49	2	298		226	43	15	15	16	265	2
Total birds	3790	1094	5780	471	5816	808	1653	1003	550	9840	505
Total species	137	90	120	80	143	79	95	82	94	154	76
Total participants	8	3	11	15	18	4	14	4	4	22	2
feeder subtotal					1	0					
nocturnal subtotal	1				4	4		1			
Daytime "field birding" hrs	42	11.5	46	12	85	7.5	26	8	10.5		10
Nocturnal hours	4				8	1		1.5	0		
Feeder hours	3	1			5	0	1	0	0.5		
Total party hours	49	12.5	46	12	98	8.5	27	9.5	11	101	10
Miles on foot	21	8	19	1	63	0	8	2	5.5		5
Miles traveled	250	10	31	25	392	90	160	28	38		75
Tot miles	271	18	50	26	455	90	168	30	43.5	0	80
Hrs / Obs	5.25	3.83	4.18	0.80	4.72	1.88	1.86	2.00	2.63	0.00	5.00
Birds / Hr	1.00	0.16	6.48	0.00	2.31	5.06	0.56	1.58	1.45	2.62	0.20

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Snow Goose	44	3	32	Lebanon
Canada Goose	5861	42	996	Bucks
Mute Swan	52	13	11	Bucks Westmoreland
Tundra Swan	11	1	11	Lackawanna
Wood Duck	682	33	181	Juniata
Gadwall	3	2	2	Bucks
American Wigeon	2	2	1	Cumberland Luzerne
American Black Duck	18	5	13	Montgomery
Mallard	2053	42	222	Franklin
Blue-winged Teal	15	3	10	Bucks
Northern Shoveler	5	2	4	Bucks
Redhead	1	1	1	Bedford
Ring-necked Duck	9	8	2	Westmoreland
Greater Scaup	7	4	3	Westmoreland
Lesser Scaup	16	7	3	Berks Cumberland Indiana Juniata
Surf Scoter	4	3	2	Luzerne
Bufflehead	19	7	11	Luzerne
Hooded Merganser	22	6	11	Westmoreland
Common Merganser	183	22	46	Bradford
Red-breasted Merganser	22	6	7	Luzerne
Ruddy Duck	19	7	5	Bedford
Ring-necked Pheasant	71	21	10	Juniata Westmoreland
Ruffed Grouse	123	22	27	Juniata
Wild Turkey	492	36	51	Indiana
Northern Bobwhite	5	3	2	Bucks Cumberland
Red-throated Loon	1	1	1	Indiana
Common Loon	100	17	21	Berks
Pied-billed Grebe	7	6	2	Bedford
Horned Grebe	6	3	4	Bucks
Double-crested Cormorant	510	21	273	Bucks
American Bittern	16	9	5	Bucks
Least Bittern	2	2	1	Chester Cumberland
Great Blue Heron	573	35	130	Bucks
Great Egret	68	10	20	Dauphin
Little Blue Heron	1	1	1	Berks
Green Heron	129	28	13	Juniata
Black-crowned Night-Heron	32	6	22	Cumberland

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Glossy Ibis	1	1	1	Cumberland
Black Vulture	298	17	69	Lebanon
Turkey Vulture	1710	41	174	Juniata
Osprey	89	25	15	Bucks
Bald Eagle	67	20	9	Bucks
Northern Harrier	34	15	8	Franklin
Sharp-shinned Hawk	56	20	9	Berks
Cooper's Hawk	74	24	10	Bucks
Northern Goshawk	1	1	1	Berks
Accipiter sp.	5	5	1	Berks Bucks Clearfield Franklin Lebanon
Red-shouldered Hawk	40	14	8	Lebanon
Broad-winged Hawk	63	22	8	Cumberland
Red-tailed Hawk	662	41	68	Juniata
Buteo sp.	8	4	5	Lackwanna
American Kestrel	176	28	24	Franklin
Merlin	2	2	1	Bucks Chester
Peregrine Falcon	9	4	4	Luzerne
Virginia Rail	22	8	5	Tioga
Sora	27	11	5	Bucks Warren
Common Moorhen	3	2	2	Bucks
American Coot	15	8	7	Bedford
Sandhill Crane	6	3	2	Bradford Juniata Washington
Semipalmated Plover	40	7	16	Bucks
Killdeer	563	35	102	Franklin
Greater Yellowlegs	116	16	45	Cumberland
Lesser Yellowlegs	126	16	21	Cumberland
Solitary Sandpiper	283	30	41	Bucks
Spotted Sandpiper	562	33	125	Juniata
Ruddy Turnstone	1	1	1	Bedford
Semipalmated Sandpiper	25	7	7	Bucks Philadelphia
Least Sandpiper	981	13	257	Bucks
White-rumped Sandpiper	2	2	1	Bucks Westmoreland
Pectoral Sandpiper	5	4	2	Cumberland
Dunlin	10	5	4	Bucks
Short-billed Dowitcher	4	3	2	Cumberland
Wilson's Snipe	16	9	4	Lackwanna
American Woodcock	36	15	5	Bradford

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Wilson's Phalarope	1	1	1	Northampton
Laughing Gull	738	2	710	Bucks
Bonaparte's Gull	56	7	35	Bucks
Little Gull	1	1	1	Bucks
Ring-billed Gull	939	18	370	Philadelphia
Herring Gull	1014	5	1006	Bucks
Lesser Black-backed Gull	17	2	12	Northampton
Great Black-backed Gull	53	2	52	Bucks
Common Tern	28	3	23	Indiana
Forster's Tern	2	2	1	Franklin Westmoreland
Black Tern	5	4	2	Bucks
Rock Pigeon	2688	37	552	Franklin
Eurasian Collared-Dove	3	1	3	Franklin
Mourning Dove	4399	44	600	Franklin
Black-billed Cuckoo	116	27	18	Franklin
Yellow-billed Cuckoo	170	25	36	Juniata
Barn Owl	8	2	7	Lebanon
Eastern Screech-Owl	68	14	14	Juniata
Great Horned Owl	58	20	11	Franklin
Barred Owl	45	17	7	Juniata
Long-eared Owl	1	1	1	Tioga
Northern Saw-whet Owl	1	1	1	Schuylkill
Common Nighthawk	11	4	4	Allegheny Bucks
Whip-poor-will	77	14	21	Luzerne
Chimney Swift	1804	36	397	Allegheny
Ruby-throated Hummingbird	447	40	62	Bedford
selasphorous sp.	1	1	1	Indiana
Belted Kingfisher	178	34	21	Juniata
Red-headed Woodpecker	46	8	23	Franklin
Red-bellied Woodpecker	1234	43	165	Bucks
Yellow-bellied Sapsucker	52	17	12	Lackwanna
Downy Woodpecker	807	41	85	Franklin
Hairy Woodpecker	251	34	32	Juniata
Northern Flicker	899	40	108	Bucks
Pileated Woodpecker	312	35	46	Juniata
Olive-sided Flycatcher	2	2	1	Juniata Westmoreland
Eastern Wood-Pewee	115	21	25	Juniata

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Yellow-bellied Flycatcher	1	1	1	Juniata
Acadian Flycatcher	124	17	37	Juniata
Willow Flycatcher	20	9	6	Bucks
Least Flycatcher	66	19	15	Luzerne
Empid sp.	13	6	4	Bedford
Eastern Phoebe	798	42	113	Juniata
Great Crested Flycatcher	581	35	112	Juniata
Eastern Kingbird	545	35	86	Franklin
White-eyed Vireo	173	24	21	Bucks Chester
Blue-headed Vireo	220	32	31	Indiana
Yellow-throated Vireo	173	26	33	Juniata
Warbling Vireo	505	28	90	Bucks
Philadelphia Vireo	4	2	3	Juniata
Red-eyed Vireo	2926	41	421	Juniata
Blue Jay	4032	44	378	Berks
American Crow	4111	44	356	Indiana
Fish Crow	281	20	56	Lebanon
crow sp.	86	5	41	Chester
Common Raven	125	25	17	Bradford
Horned Lark	137	13	38	Chester
Purple Martin	719	15	221	Juniata
Tree Swallow	4002	41	575	Bucks
N. Rough-winged Swallow	1350	37	195	Allegheny
Bank Swallow	212	17	37	Bradford
Cliff Swallow	523	18	200	Cameron
Barn Swallow	3798	37	459	Franklin
swallow sp.	13	2	11	Bucks
Carolina Chickadee	475	19	158	Bucks
Black-capped Chickadee	1022	36	114	Lackwanna
chickadee sp.	194	9	50	Berks
Tufted Titmouse	1977	43	208	Juniata
Red-breasted Nuthatch	59	16	11	Juniata
White-breasted Nuthatch	590	43	52	Juniata
Brown Creeper	22	11	5	Luzerne
Carolina Wren	976	38	150	Bucks
House Wren	1340	40	154	Bucks
Winter Wren	14	9	3	Forest

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Marsh Wren	5	3	2	Philadelphia Westmoreland
Sedge Wren	3	1	3	Bedford
Golden-crowned Kinglet	22	10	8	Schuylkill
Ruby-crowned Kinglet	67	23	11	Franklin
Blue-gray Gnatcatcher	922	39	152	Bucks
Eastern Bluebird	1328	42	198	Franklin
Veery	280	27	57	Berks
Gray-cheeked Thrush	1	1	1	Juniata
Swainson's Thrush	44	12	12	Bucks
Hermit Thrush	108	21	21	Lackwanna
Wood Thrush	2854	43	268	Juniata
American Robin	12253	44	1362	Bucks
Gray Catbird	6193	42	833	Bucks
Northern Mockingbird	948	32	225	Philadelphia
Brown Thrasher	501	36	82	Franklin
European Starling	9278	42	1455	Franklin
American Pipit	36	7	20	Westmoreland
Cedar Waxwing	789	31	216	Bucks
Blue-winged Warbler	312	28	52	Bucks
Golden-winged Warbler	34	11	13	Huntingdon
Brewster's Warbler	3	2	2	Huntingdon
Tennessee Warbler	30	10	7	Allegheny
Nashville Warbler	95	22	14	Luzerne
Northern Parula	404	30	79	Bucks
Yellow Warbler	2034	39	276	Bucks
Chestnut-sided Warbler	417	36	78	Luzerne
Magnolia Warbler	149	27	25	Bucks
Cape May Warbler	35	10	10	Franklin
Black-throated Blue Warbler	473	34	86	Bucks
Yellow-rumped Warbler	1182	35	226	Bucks
Black-throated Green Warbler	842	36	93	Schuylkill
Blackburnian Warbler	158	30	15	Forest Schuylkill
Yellow-throated Warbler	27	12	7	Indiana
Pine Warbler	61	15	12	Franklin
Prairie Warbler	277	26	55	Bucks
Palm Warbler	21	10	8	Lebanon
Bay-breasted Warbler	12	7	4	Allegheny

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Blackpoll Warbler	79	14	35	Philadelphia
Cerulean Warbler	126	23	18	Westmoreland
Black-and-white Warbler	564	38	77	Bucks
American Redstart	1199	39	142	Juniata
Prothonotary Warbler	8	5	3	York
Worm-eating Warbler	154	25	35	Juniata
Ovenbird	2911	39	383	Juniata
Northern Waterthrush	80	22	22	Bucks
Louisiana Waterthrush	192	31	57	Juniata
Kentucky Warbler	49	13	19	Westmoreland
Mourning Warbler	1	1	1	Berks
Common Yellowthroat	2509	41	259	Bucks
Hooded Warbler	402	33	48	Westmoreland
Wilson's Warbler	11	6	4	Westmoreland
Canada Warbler	25	12	4	Bucks Schuylkill
Yellow-breasted Chat	78	17	11	Franklin Juniata Westmoreland
Summer Tanager	3	2	2	Bedford
Scarlet Tanager	1255	42	167	Juniata
Eastern Towhee	2485	41	326	Westmoreland
American Tree Sparrow	14	4	10	Bradford
Chipping Sparrow	3032	44	384	Juniata
Clay-colored Sparrow	2	1	2	Clarion
Field Sparrow	995	39	133	Westmoreland
Vesper Sparrow	32	7	17	Franklin
Savannah Sparrow	160	27	34	Bucks
Grasshopper Sparrow	89	20	15	Luzerne
Henslow's Sparrow	9	4	5	Clarion
Fox Sparrow	2	2	1	Bedford Lebanon
Song Sparrow	3217	44	447	Juniata
Lincoln's Sparrow	3	3	1	Berks Franklin Westmoreland
Swamp Sparrow	174	26	26	Bucks Tioga
White-throated Sparrow	546	35	71	Lebanon
White-crowned Sparrow	341	33	129	Franklin
Dark-eyed Junco	156	21	25	Lycoming
Northern Cardinal	4105	44	434	Franklin
Rose-breasted Grosbeak	935	41	121	Westmoreland
Blue Grosbeak	5	3	2	Cumberland Franklin

2008 Pennsylvania Migration Count May 10, 2008

Species	Total	Counts	High Count	High County
Indigo Bunting	1468	39	299	Juniata
Dickcissel	5	1	5	Cumberland
Bobolink	672	25	109	Lackwanna
Red-winged Blackbird	8109	42	785	Bucks
Eastern Meadowlark	401	29	66	Franklin
Rusty Blackbird	35	5	17	Bedford
Common Grackle	8432	43	1285	Juniata
Brown-headed Cowbird	2273	41	297	Bucks
Orchard Oriole	297	31	40	Juniata
Baltimore Oriole	2959	43	445	Juniata
Purple Finch	217	27	34	Bedford Lackwanna
House Finch	1403	40	182	Franklin
Common Redpoll	5	2	3	Franklin
Pine Siskin	94	10	20	Bradford
American Goldfinch	3834	43	444	Franklin
Evening Grosbeak	2	2	1	Cameron Tioga
House Sparrow	3480	41	531	Franklin
Total birds	168008	44	17671	Bucks
Total species	4605	44	172	Bucks
Total participants	689	44	73	Franklin
feeder subtotal	87	22	32	Indiana
nocturnal subtotal	83	23	19	Juniata
Daytime "field birding" hrs	2008.95	43	210	Allegheny
Nocturnal hours	59.5	25	8	Schuylkill
Feeder hours	431.8	32	83	Berks
Total party hours	2602.25	44	225	Franklin
Miles on foot	982.6	42	124	Allegheny
Miles traveled	6872	40	735	Franklin
Tot miles	7854.6	44	768	Franklin
Hrs / Obs	153.48	44	13	Adams
Birds / Hr	61.73	44	6.48	Philadelphia