

PBNP GRASSLAND BIRD SURVEYS: ANNUAL COUNT DATA

Species	AOU Code	2019	2020	2021	2022	Pooled
American Crow	AMCR	137	45	42	244	468
American Goldfinch	AMGO	47	18	26	21	112
American Kestrel	AMKE	35	19	18	27	99
American Pipit	AMPI				2	2
American Robin	AMRO	519	290	355	553	1,717
Anna's Hummingbird	ANHU	137	68	88	169	462
Bald Eagle	BAEA	2	3		2	7
Barn Swallow	BARS	170	107	88	77	442
Black-capped Chickadee	BCCH	79	23	68	42	212
Bewick's Wren	BEWR	15	8	16	7	46
Brown-headed Cowbird	BHCO	20	7	4	3	34
Black-headed Grosbeak	BHGR	32	6	17	16	71
Brewer's Blackbird	BRBL	4		1		5
Brown Creeper	BRCR	1	1		5	7
Band-tailed Pigeon	BTPJ	28	5	4	9	46
Black-throated Gray Warbler	BTYW	9	3		5	17
Bullock's Oriole	BUOR	1				1
Bushtit	BUSH	10	8	1	6	25
Cackling Goose	CACG				20	20
Canada Goose	CAGO	8	2	2	33	45
California Scrub-Jay	CASJ	27	12	10	7	56
Chestnut-backed Chickadee	CBCH	24	8	7	27	66
Cedar Waxwing	CEDW	78	37	108	81	304
Chipping Sparrow	CHSP				7	7
Cliff Swallow	CLSW	1		5		6
Cooper's Hawk	COHA	1	2	2		5
Common Raven	CORA				2	2
Common Yellowthroat	COYE	165	162	139	173	639
Double-crested Cormorant	DCCO		1			1
Dark-eyed Junco	DEJU	196	99	107	192	594
Downy Woodpecker	DOWO	5	2	6	6	19
Dusky Flycatcher	DUFL				1	1
Eurasian Collared-Dove	ECDO	3	1	13	2	19
European Starling	EUST	23	12	22	194	251
Evening Grosbeak	EVGR				6	6
Fox Sparrow	FOSP		2		1	3
Great Blue Heron	GBHE			1	8	9
Golden-crowned Kinglet	GCKI	13	3		31	47
Golden-crowned Sparrow	GCSP	16	8	20	16	60
Great Horned Owl	GHOW	5				5
Great Egret	GREG			1		1
Gray Flycatcher	GRFL				2	2
Hairy Woodpecker	HAWO	3			2	5
Hermit Thrush	HETH		2	5	4	11
House Finch	HOFI	41	3	53	78	175
House Sparrow	HOSP				12	12
House Wren	HOWR		2			2
Hutton's Vireo	HUVI			2		2
Killdeer	KILL	10		2	39	51
Lazuli Bunting	LAZB	162	117	155	130	564
Lesser Goldfinch	LEGO	162	91	121	82	456
Lincoln's Sparrow	LISP	1		1	1	3
Mallard	MALL	13	16	8	23	60
MacGillivray's Warbler	MGWA	3				3
Mountain Bluebird	MOBL		3			3
Mourning Dove	MODO	96	33	48	41	218

PBNP GRASSLAND BIRD SURVEYS: ANNUAL COUNT DATA

Species	AOU Code	2019	2020	2021	2022	Pooled
Nashville Warbler	NAWA		2		4	6
Northern Flicker	NOFL	144	96	102	158	500
Northern Harrier	NOHA	4		1	3	8
Northern Pygmy-Owl	NOPO				5	5
Northern Shrike	NSHR		1			1
Orange-crowned Warbler	OCWA	36	18	10	29	93
Olive-sided Flycatcher	OSFL	1		1		2
Osprey	OSPR	1			1	2
Pacific Wren	PAWR	14	2		12	28
Peregrine Falcon	PEFA	1	1			2
Pine Siskin	PISI			26	45	71
Pileated Woodpecker	PIWO			2	2	4
Pacific-slope Flycatcher	PSFL	6	1		3	10
Purple Finch	PUFI	8	3	8	80	99
Red-breasted Nuthatch	RBNU	28	11	38	13	90
Red-breasted Sapsucker	RBSA	1			5	6
Ruby-crowned Kinglet	RCKI	17	27	9	33	86
Red Crossbill	RECR			86		86
Rock Pigeon	ROPI	1			10	11
Red-tailed Hawk	RTHA	14	2	10	10	36
Rufous Hummingbird	RUHU	1	2			3
Red-winged Blackbird	RWBL				3	3
Sagebrush Sparrow	SABS				1	1
Say's Phoebe	SAPH		1			1
Savannah Sparrow	SAVS	841	631	675	457	2,604
Song Sparrow	SOSP	217	163	153	262	795
Spotted Towhee	SPTO	186	107	119	175	587
Sharp-shinned Hawk	SSHA			1	1	2
Steller's Jay	STJA	79	58	61	108	306
Swainson's Thrush	SWTH	1	3	4	4	12
Townsend's Solitaire	TOSO			2		2
Townsend's Warbler	TOWA	2	1	1	10	14
Tree Swallow	TRES	1	7	3	6	17
Turkey Vulture	TUVU	2	8	1		11
Vaux's Swift	VASW	47	25	6	6	84
Varied Thrush	VATH		3	2	11	16
Violet-green Swallow	VGSW	99	23	4	1	127
Warbling Vireo	WAVI	22	2		5	29
White-crowned Sparrow	WCSP	20	18	12	33	83
Western Bluebird	WEBL	3			9	12
Western Kingbird	WEKI	8	1		3	12
Western Meadowlark	WEME	3			5	8
Western Tanager	WETA	4	3		7	14
Western Wood-Pewee	WEWP	3			2	5
Willow Flycatcher	WIFL	37	9	10	13	69
Wilson's Warbler	WIWA	26	6	2	5	39
Yellow-breasted Chat	YBCH	5	2			7
Yellow Warbler	YEWA	2		1		3
Yellow-rumped Warbler	YRWA	34	25	35	39	133
Total Birds Counted -----		4,221	2,491	2,951	3,988	13,651
Total Species Observed -----		77	69	65	84	105

PNBP GRASSLAND BIRD SURVEYS: COUNT DATA BY SURVEY ROUTE (2019-2022)

Species	AOU Code	Meadowland	Mountainview	Pipeline	Reservoir	Summit	Pooled
American Crow	AMCR	118	19	173	38	120	468
American Goldfinch	AMGO	10	47	8	37	10	112
American Kestrel	AMKE	10	9	25	13	42	99
American Pipit	AMPI	1				1	2
American Robin	AMRO	318	370	433	240	356	1,717
Anna's Hummingbird	ANHU	108	161	119	41	33	462
Bald Eagle	BAEA	1		4	2		7
Barn Swallow	BARS	33	18	256	101	34	442
Black-capped Chickadee	BCCH	29	83	61	24	15	212
Bewick's Wren	BEWR	17	7	12	8	2	46
Brown-headed Cowbird	BHCO	19	7	2	4	2	34
Black-headed Grosbeak	BHGR	31	13	13	7	7	71
Brewer's Blackbird	BRBL			1	1	3	5
Brown Creeper	BRCL	2	1	2	2		7
Band-tailed Pigeon	BTPI	31	5	8	2		46
Black-throated Gray Warbler	BTYW	4	5	5	2	1	17
Bullock's Oriole	BUOR		1				1
Bushtit	BUSH		15	5	3	2	25
Cackling Goose	CACG					20	20
Canada Goose	CAGO		4	2	22	17	45
California Scrub-Jay	CASJ	23	5	13	5	10	56
Chestnut-backed Chickadee	CBCH	21	4	32	1	8	66
Cedar Waxwing	CEDW	69	123	36	37	39	304
Chipping Sparrow	CHSP		3	2		2	7
Cliff Swallow	CLSW			5	1		6
Cooper's Hawk	COHA	1	1	1		2	5
Common Raven	CORA			1	1		2
Common Yellowthroat	COYE	139	195	49	64	192	639
Double-crested Cormorant	DCCO			1			1
Dark-eyed Junco	DEJU	78	127	185	157	47	594
Downy Woodpecker	DOWO	8	7	3	1		19
Dusky Flycatcher	DUFL	1					1
Eurasian Collared-Dove	ECDO	8	6	3		2	19
European Starling	EUST	5	61	94	18	73	251
Evening Grosbeak	EVGR	4	2				6
Fox Sparrow	FOSP		2			1	3
Great Blue Heron	GBHE			7		2	9
Golden-crowned Kinglet	GCKI	6		35	3	3	47
Golden-crowned Sparrow	GCSP	5	8	11	14	22	60
Great Horned Owl	GHOW			5			5
Great Egret	GREG					1	1
Gray Flycatcher	GRFL			2			2
Hairy Woodpecker	HAWO		1	1	3		5
Hermit Thrush	HETH	3	3	2	3		11
House Finch	HOFI	41	34	78	9	13	175
House Sparrow	HOSP		6	2		4	12
House Wren	HOWR			2			2
Hutton's Vireo	HUVI				2		2
Killdeer	KILL	1	8	20	9	13	51
Lazuli Bunting	LAZB	99	163	76	111	115	564
Lesser Goldfinch	LEGO	37	169	86	151	13	456
Lincoln's Sparrow	LISP		2			1	3
Mallard	MALL	3	15	7	11	24	60
MacGillivray's Warbler	MGWA	3					3
Mountain Bluebird	MOBL			2	1		3
Mourning Dove	MODO	41	37	61	42	37	218
Nashville Warbler	NAWA	1		4		1	6
Northern Flicker	NOFL	106	85	147	66	96	500
Northern Harrier	NOHA	2	1	1		4	8
Northern Pygmy-Owl	NOPO	2			1	2	5
Northern Shrike	NSHR					1	1
Orange-crowned Warbler	OCWA	27	27	30	4	5	93
Olive-sided Flycatcher	OSFL			1		1	2
Osprey	OSPR			1		1	2
Pacific Wren	PAWR	6		10	5	7	28

PBNP GRASSLAND BIRD SURVEYS: COUNT DATA BY SURVEY ROUTE (2019-2022)

Species	AOU Code	Meadowland	Mountainview	Pipeline	Reservoir	Summit	Pooled
Peregrine Falcon	PEFA	1		1			2
Pine Siskin	PISI	4	21	29	15	2	71
Pileated Woodpecker	PIWO			2		2	4
Pacific-slope Flycatcher	PSFL	3	2	1	4		10
Purple Finch	PUFI	20	19	29	10	21	99
Red-breasted Nuthatch	RBNU	20	9	31	16	14	90
Red-breasted Sapsucker	RBSA	3	1	2			6
Ruby-crowned Kinglet	RCKI	18	24	29	14	1	86
Red Crossbill	RECR	3	52		31		86
Rock Pigeon	ROPI		3	8			11
Red-tailed Hawk	RTHA	6	2	16	5	7	36
Rufous Hummingbird	RUHU	2				1	3
Red-winged Blackbird	RWBL	1		2			3
Sagebrush Sparrow	SABS			1			1
Say's Phoebe	SAPH				1		1
Savannah Sparrow	SAVS	419	254	478	723	730	2,604
Song Sparrow	SOSP	142	290	86	86	191	795
Spotted Towhee	SPTO	145	173	110	70	89	587
Sharp-shinned Hawk	SSHA			1	1		2
Steller's Jay	STJA	117	26	76	25	62	306
Swainson's Thrush	SWTH	2	1	2	1	6	12
Townsend's Solitaire	TOSO			1	1		2
Townsend's Warbler	TOWA	1	4	7	2		14
Tree Swallow	TRES	4		6		7	17
Turkey Vulture	TUVU		1			10	11
Vaux's Swift	VASW	7	8	43	19	7	84
Varied Thrush	VATH	5		7	4		16
Violet-green Swallow	VGSW	13	6	83	23	2	127
Warbling Vireo	WAVI	18	3	7		1	29
White-crowned Sparrow	WCSP	6	12	34	19	12	83
Western Bluebird	WEBL		3	4		5	12
Western Kingbird	WEKI	1	2	3	4	2	12
Western Meadowlark	WEME	2		2		4	8
Western Tanager	WETA	4	3	3	3	1	14
Western Wood-Pewee	WEWP	1	2		1	1	5
Willow Flycatcher	WIFL	24	26	4	4	11	69
Wilson's Warbler	WIWA	11	20	5	3		39
Yellow-breasted Chat	YBCH	3	2		1	1	7
Yellow Warbler	YEWA		3				3
Yellow-rumped Warbler	YRWA	20	82	24	3	4	133
Total Birds Counted -----		2,498	2,914	3,282	2,356	2,601	13,651
Total Species Observed -----		73	71	86	69	73	105