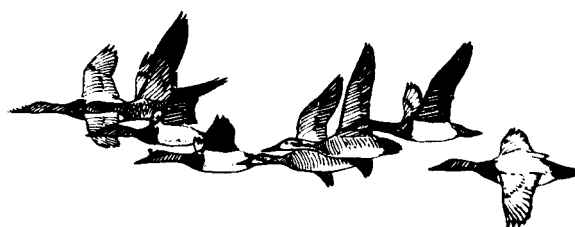


2014 Pacific Flyway Data Book



Waterfowl Harvests and Status, and Hunter Participation and Success in the Pacific Flyway and United States

Compiled by:

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September 15, 2014



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Division of Migratory Bird Management
1211 SE Cardinal Court, Suite 100
Vancouver, WA 98683



MEMORANDUM

TO: Pacific Flyway Council and Study Committee

FROM: Todd A. Sanders, Pacific Flyway Representative

DATE: July 18, 2014

SUBJECT: 2014 Pacific Flyway Data Book

The following briefing material has been assembled for use by State and U. S. Fish and Wildlife Service personnel in formulating recommendations for the 2014-2015 waterfowl hunting seasons in the Pacific Flyway. This collection of harvest, population, and hunter data can also serve as a desk-top reference for providing responses to inquiries from agency personnel, the media, and public. These data represent an extraordinary collaborative effort by many individuals from State, Federal, and other organizations. Thank you to all cooperators who have contributed toward this significant effort.

Harvest and hunter participation estimates for 2013/2014 are preliminary. Final estimates from the HIP survey are only available through 2003 at present.

Sincerely,

Todd A. Sanders
Pacific Flyway Representative

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*Alaska Subsistence Harvest Report, 2011 is available online:

<http://alaska.fws.gov/ambcc/ambcc/Harvest/2009%20Final%20Harvest%20Report.pdf>

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Pacific Flyway schedule of council, committee, and subcommittee chairmanship and meeting dates; council representatives to the Service Regulations Committee; and list of management plans, approval dates, and keepers of the plans.

Group/Mgt. Plan	Approvals	Keeper of the Plan	Meeting	10/1/12 to 9/30/13	10/1/13 to 9/30/14	10/1/14 to 9/30/15	10/1/15 to 9/30/16	10/1/16 to 9/30/17	10/1/17 to 9/30/18	10/1/18 to 9/30/19	10/1/19 to 9/30/20	10/1/20 to 9/30/21	10/1/21 to 9/30/22	10/1/22 to 9/30/23
PF Council, SC, and NTC			Mar & Jul	WY	UT	NV	ID	WA	AZ	OR	CA	MT	AK	UT
Consultants to SRC:			Jan, Jun & Jul Jan, Jun & Jul	CA MT	WA MT	WA UT	OR UT	OR ID	AK ID	AK NV	CA NV	CA MT	WA MT	WA UT
Coastal Inland														
Geese:														
Aleutian Canada	Jul 99, Jul 06	CA	Mar & Jul	R-8	R-1	R-1	AK	AK	WA	WA	OR	OR	CA	CA
Cackling Canada	Jul 86, Jul 99	R-8	Mar & Jul	R-8	WA	WA	OR	OR	AK	AK	R-1	R-1	R-7	R-7
Dusky Canada	Jul 85, Jul 92, Aug 97, Mar 08	R-1	Mar & Jul	WA	AK	AK	R-1	R-1	WA	WA	R-7	R-7	OR	OR
Lesser (Tav/Parv)	Drafts 80, Jul 94	WA	Mar & Jul	CA	ID	ID	NV	NV	R-7	R-7	AZ	AZ	MT	MT
Vancouver Canada	Draft Sep 79	AK	Mar & Jul	CA	ID	ID	NV	NV	R-7	R-7	AZ	AZ	MT	MT
Pacific Canada	Jun 89, Jul 00	NV	Mar & Jul	OR	MT	MT	R-6	R-6	NV	NV	UT	UT	ID	ID
Rocky Mountain Canada	Mar 83, Mar 92, Jul 01	OR	Mar & Jul	WA	CA	CA	R-8	R-8	R-1	R-1	OR	OR	R-7	R-7
Pacific White-fronted	Mar 87, Jul 03	R-1	Mar & Jul	R-7	R-8	R-8	R-1	R-1	CA	CA	AK	AK	WA	WA
Tule White-fronted	Jul 91	CA	Mar & Jul	MT	R-1	R-1	R-6	R-6	ID	ID	R-8	R-8	WA	WA
Pacific Brant	Jul 81, Jul 92, Jul 02	WA	Mar & Jul	MT	R-1	R-1	R-6	R-6	ID	ID	R-8	R-8	WA	WA
Wrangel Island Snow	Mar 92, Jul 06	AK	Mar & Jul	R-7	R-7	R-7	R-7	R-7	AK	AK	R-7	R-7	AK	AK
Western Can. Arctic Snow	Jul 92, Jul 13	AK	Mar & Jul	R-7	R-7	R-7	R-7	R-7	AK	AK	R-7	R-7	AK	AK
Ross's	Jul 92	R-7	X	R-7	AK	AK	R-7	R-7	AK	AK	R-7	R-7	AK	AK
Emperor	May 88, Jul 94, Jul 06	R-7		R-7	AK	AK	R-7	R-7	AK	AK	R-7	R-7	AK	AK
Swans:														
Pacific Coast Trumpeter	Jul 86, Mar 93, Jul 06, Mar 08	OR	Mar & Jul	R-1	OR	OR	AK	AK	R-7	R-7	WA	WA	R-1	R-1
Rocky Mountain Trumpeter	Jul 84, Jul 92, Jul 98, Jul 08, Jul 12	ID	Mar & Jul	UT	R-8	R-8	MT	MT	R-6	R-6	NV	NV	ID	ID
Western Tundra	Mar 83, Apr 89, Jul 01	UT	Mar & Jul	ID	MT	MT	R-7	R-7	R-6	R-6	UT	UT	NV	NV
Eastern Tundra	Jun 82, May 88, Jul 98, Jul 07	--	4 Flyways	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK
Sandhill Cranes:														
Pacific Flyway Lesser	Mar 83	R-1	Mar	R-1	R-7	R-7	OR	OR	R-8	R-8	AK	AK	R-1	R-1
Central Valley Greater	Mar 83, Jul 95, Jul 97													
Rocky Mt. Greater	Mar 87, Mar 91, Jul 97, Mar 07	AZ	Mar	R-6	AZ	AZ	UT	UT	MT	MT	ID	ID	R-6	R-6
Lower Colo. River Greater	Mar 83, May 89, Mar 95		Mar	AZ	AZ	AZ	CA	CA	NV	NV	AZ	AZ	R-8	R-8
Doves & Pigeons														
P. C. Band-tailed Pigeon	Mar 83, Mar 94, Jul 10	DMBM	Mar	CA	OR	OR	R-8	R-8	R-1	R-1	WA	WA	CA	CA
Interior Band-tailed Pigeon	Mar 01	MT	Mar	UT	R-6	R-6	AZ	AZ	UT	UT	R-6	R-6	AZ	AZ
WMU Mourning Dove	Mar 92	AZ	Mar	NV	ID	ID	CA	CA	UT	UT	R-1	R-1	OR	OR
White-winged Dove	Jul 93, Mar 04		Mar	DMBM	CA	CA	AZ	AZ	R-8	R-8	NV	NV	AZ	AZ
Other:														
American White Pelican	Jul 12	ID	Mar & Jul	ID	ID	ID								
Double-Crested Cormorant	Jul 12	OR	Mar & Jul	OR	OR	OR								
Eagle			Mar & Jul	AZ	AZ	AZ								

Abbreviations: USFWS: R-1, Portland; R-6, Denver; R-7, Anchorage; R-8, Sacramento; DMBM, Division of Migratory Bird Management.

Revised: September 12, 2014

[illegible]

Past chairs of Pacific Flyway Council and Study Committee, and Consultants to the USFWS Regulations Committee Council is represented at the Service Regulations Committee by one Coastal and one Inland state serving staggered 2-year terms. Terms of office varied in the past and some substitutions were made. Most terms began October 1 of the year elected through September 30 of the following year.

Year Elected	Chairs			SRC Consultants			
	State	Council	Study Committee	State	Senior	State	Junior
1952	California	Ben Glading		Washington	Carl Crouse	Utah	R.L. Turpin
1953	Nevada	Frank Groves		California	William Silva	Oregon	Phil Schneider
1954	Idaho	Ross Leonard		Oregon	Phil Schneider	Nevada	Frank Groves
1955	Arizona	John Hall		Nevada	Frank Groves	Washington	Dr. Bernard
1956	Utah	J. Perry Egan	Wesley Fleming (AZ)	Washington	John Biggs	Idaho	Ross Leonard
1957	Oregon	Phil Schneider	Chester Kebbe	Idaho	Ross Leonard	California	Weldon Oxley
1958	Washington	John Biggs		California	Tom Richards, Jr.	Arizona	Wendell Swank
1959	California	Wm. E. Warner		Arizona	Robert Smith	Oregon	Phil Schneider
1960	Nevada	Frank Groves		Oregon	Phil Schneider	Utah	Harold Crane
1961	Idaho	Ross Leonard	Don Smith (UT)	Utah	Harold Crane	Washington	John Biggs
1962	Arizona	Robert Smith	Vic Oglesby (NV)	Washington	John Biggs	Nevada	Frank Groves
1963	Oregon	Phil Schneider		Idaho	Robert Salter	California	Ben Glading
1964	Washington	John Biggs	J. Burton Lauckhart	California	Ben Glading	Nevada	Frank Groves
1965	California	Walter T. Shannon		Nevada	Frank Groves	Oregon	Phil Schneider
1966	Utah	John (Bud) Phelps		Oregon	Phil Schneider	Arizona	Wendell Swank
1967	Nevada	Frank Groves	John Nagel (UT)	Arizona	Robert Jantzen	Washington	John Biggs
1968	Idaho	John R. Woodworth	Fred Wright (NV)	Washington	John Biggs	Utah	John Phelps
1969	Arizona	Robert Jantzen	Wesley Fleming	Utah	John Phelps	California	Ray Arnett
1970	Oregon	John McKean	Chester Kebbe	California	Ray Arnett	Idaho	Joe Greenley
1971	Washington	Carl Crouse	J. Burton Lauckhart	Idaho	Joe Greenley	Oregon	John McKean
1972	California	Ray Arnett	Frank Kozlik	Oregon	John McKean	Nevada	Frank Groves
1973	Utah	John Phelps	Dick Norell (ID)	Nevada	Glen Griffith	Washington	Carl Crouse
1974	Nevada	Glen Griffith	Al Regenthal (UT)	Washington	Carl Crouse	Arizona	Robert Jantzen
1975	Idaho	Joe Greenley	Larry Bamgrover (NV)	Arizona	Robert Jantzen	California	Chas. Fullerton
1976	Washington	Ralph Larson	Don Berlinski (AZ)	California	Chas. Fullerton	Utah	John Phelps
1977	Arizona	Robert Jantzen	Chester Kebbe (OR)	Utah	Don Smith	Oregon	Robert Mace
1978	Oregon	Jack Donaldson	Robert Jeffrey (WA)	Oregon	Jack Donaldson	Idaho	Joe Greenley
1979	California	Chas. Fullerton	Bob LeDonne	Idaho	Robert Salter	Washington	Ralph Larson
1980	Alaska	Ronald Skoog	Dan Timm	California	Eldridge (Red) Hunt	Nevada	Joe Greenley
1981	Utah	Douglas Day	Al Regenthal	Nevada	Joe Greenley	Washington	Frank Lockard
1982	Nevada	Willie Molini	Terry Retterer	Washington	Frank Lockard	Arizona	Buddy Bristow
1983	Idaho	Ken Norrie	Gary Will	Arizona	Buddy Bristow	Oregon	Jack Donaldson
1984	Washington	Jack Wayland	Don Kraege	Oregon	Ralph Denney	Utah	Bill Geer
1985	Arizona	Buddy Bristow	Phil Smith	Utah	Bill Geer	Alaska	Lew Pamplin
1986	Oregon	Ralph Denney	Ken Durbin	Alaska	Lew Pamplin	Montana	Ron Marcoux
1987	California	Peter Bontadelli	Dan Connelly	Montana	Ron Marcoux	California	Red Hunt
1988	Montana	Ron Marcoux	Jeff Herbert	California	Red Hunt	Idaho	Ken Norrie
1989	Alaska	Lew Pamplin	Tom Rothe	Idaho	Ken Norrie	Washington	Curt Smith
1990	Wyoming	Jay Lawson	Tim Britt	Washington	Rich Poelker	Nevada	Willie Molini
1991	Colorado	Perry Olson	Mike Szymczak	Nevada	Willie Molini	Oregon	Rod Ingram
1992	Utah	Tim Provan	Tom Aldrich	Oregon	Rod Ingram	Wyoming	Jay Lawson
1993	Idaho	Ken Norrie	Gary Will	Wyoming	Jay Lawson	Alaska	Wayne Regelin
1994	Nevada	Willie Molini	Norm Saake	Alaska	Wayne Regelin	Colorado	Len Carpenter
1995	Washington	J. David Brittell	Don Kraege	Colorado	Mike Szymczak	California	Terry Mansfield
1996	Arizona	Duane Shroufe	Phil Smith	California	Terry Mansfield	Arizona	Duane Shroufe
1997	Oregon	Jim Greer	Brad Bales	Arizona	Duane Shroufe	Washington	J. Dave Brittell
1998	California	Terry Mansfield	Dan Yparraguirre	Washington	J. Dave Brittell	Montana	Don Childress
1999	Montana	Don Childress	Tom Heinz	Montana	Don Childress	Oregon	Jim Greer
2000	Alaska	Matt Robus	Tom Rothe	Oregon	Jim Greer	Utah	John Kimball
2001	Wyoming	Jay Lawson	Steve Tessmann	Utah	John Kimball	Alaska	Matt Robus
2002	Colorado	Walt Graul	Todd Sanders	Alaska	Matt Robus	Idaho	Steve Huffaker
2003	Utah	Mile Moretti	Tom Aldrich	Idaho	Terry Mansfield	Alaska	Matt Robus (sub)
2004	Nevada	Terry Crawford	Craig Mortimore	California	Ryan Broddrick	Nevada	Terry Crawford
2005	Idaho	Terry Mansfield	Tom Hemker	Nevada	Terry Crawford	Washington	J. Dave Brittell
2006	Washington	J. David Brittell	Don Kraege	Washington	J. Dave Brittell	Wyoming	Bill Rudd
2007	Arizona	Duane Shroufe	Mike Rabe	Wyoming	Bill Rudd	Oregon	Ronald Anglin
2008	Oregon	Ronald Anglin	Brad Bales	Oregon	Ronald Anglin	Colorado	Tom Remington
2009	California	Sonke Mastrup	Dan Yparraguirre	Colorado	Tom Remington	Alaska	Dale Rabe
2010	Montana	Ken McDonald	Rick Northrup	Alaska	Dale Rabe	Arizona	Larry Voyles
2011	Alaska	Dale Rabe	Dan Rosenberg	Arizona	Bob Broscheid	California	Sonke Mastrup
2012	Wyoming	Tom Ryder	Joe Bohne	California	Dan Yparraguirre	Montana	Ken McDonald
2013	Utah	Craig McLaughlin	Blair Stringham	Montana	Ken McDonald	Washington	Dave Brittell
2014	Nevada	Tony Wasley	Russell Woolstenhulme	Washington	Greg Schirato	Utah	Mike Fowls

SALES OF MIGRATORY GAME BIRD HUNTING PERMITS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NU	CAN TOTAL
1966	13,269	3,271	7,220	8,535	35,868	144,063	37,784	44,744	52,911	32,394				380,059
1967	14,863	3,094	7,883	7,739	32,491	146,493	35,620	44,651	55,892	33,195				381,921
1968	17,645	3,649	9,022	9,558	37,110	139,182	38,712	43,596	53,623	33,301				385,398
1969	19,089	3,794	8,848	10,110	39,477	134,037	41,611	45,347	53,602	32,764				388,679
1970	21,347	3,926	9,926	10,293	46,009	135,231	39,230	47,722	59,986	31,350				405,020
1971	23,460	4,513	11,381	11,146	50,276	133,563	40,960	49,448	62,902	30,225				417,874
1972	23,682	4,492	12,158	11,336	53,082	131,427	41,133	50,004	63,309	31,032				421,655
1973	27,919	4,972	15,071	12,869	57,247	141,277	41,711	51,307	67,012	33,456				452,841
1974	25,127	5,038	13,791	11,916	58,345	136,469	37,167	51,504	66,127	27,764	591	323		434,162
1975	30,115	4,963	13,990	12,930	63,768	148,670	42,846	57,723	69,191	25,918	721	485		471,320
1976	29,621	5,756	13,326	13,743	66,453	143,816	46,816	61,669	75,739	26,561	893	513		484,906
1977	36,188	6,158	15,744	14,209	72,828	156,895	46,438	60,029	82,175	28,357	902	607		520,530
1978	37,297	6,396	16,297	15,249	74,745	159,698	50,169	57,958	77,117	28,561	821	638		524,946
1979	35,490	5,888	14,098	13,409	73,209	150,224	49,344	56,174	77,021	28,263	755	584		504,459
1980	31,362	5,802	14,257	12,471	76,133	147,952	48,340	54,081	79,318	27,943	732	525		498,916
1981	31,406	5,611	14,130	12,287	75,178	141,677	46,528	42,856	66,163	28,243	764	514		465,357
1982	31,215	5,461	13,728	12,759	72,850	144,436	45,273	47,236	64,968	26,522	800	572		465,820
1983	30,977	5,898	13,468	12,758	67,700	139,569	40,443	45,383	61,742	24,170	750	474		443,332
1984	31,309	5,525	12,896	11,486	65,308	140,521	35,238	37,720	51,717	21,892	850	496		414,958
1985	25,652	5,171	10,749	10,354	60,823	130,089	31,753	36,445	44,880	18,753	713	361		375,743
1986	25,498	5,300	11,047	11,083	59,685	131,930	33,570	37,692	45,042	17,924	692	358		379,821
1987	21,080	4,959	10,299	9,897	55,124	122,472	30,207	29,930	40,122	16,259	523	391		341,263
1988	23,655	4,906	10,264	10,646	57,206	117,310	25,108	23,258	34,513	15,595	496	367		323,324
1989	24,707	4,838	10,092	9,971	54,605	114,292	23,898	22,916	34,559	14,694	420	308		315,300
1990	24,831	4,625	10,115	9,974	54,700	115,130	22,641	22,964	32,212	13,851	431	240		311,714
1991	20,738	4,209	10,104	9,997	53,739	108,802	22,122	22,414	29,399	13,601	352	300		295,777
1992	20,310	3,753	9,192	9,337	49,262	103,395	20,048	20,620	28,056	12,429	348	256		277,006
1993	20,585	3,609	8,988	9,008	47,675	95,824	19,199	19,771	26,787	11,818	327	287		263,878
1994	20,399	3,380	9,314	9,468	46,537	92,344	18,838	20,254	26,211	11,037	320	294		258,396
1995	20,231	3,479	9,176	8,674	38,955	83,720	19,630	20,554	25,747	9,855	342	318		240,681
1996	16,312	3,303	8,652	8,536	36,004	80,194	19,702	20,475	27,299	10,069	318	306		231,170
1997	14,289	3,051	7,731	7,546	31,435	72,521	18,918	20,109	26,847	10,185	278	268		213,178
1998	13,101	2,946	7,681	7,095	30,113	70,407	18,445	21,822	22,238	9,816	286	231		204,181
1999	13,111	2,671	7,410	6,821	30,124	67,077	17,433	21,685	21,415	9,314	292	231		197,584
2000	12,217	2,805	7,072	6,399	30,271	63,672	15,810	21,908	21,792	9,007	267	224	0	191,444
2001	16,988	2,416	6,645	5,975	29,138	58,458	15,038	18,387	19,527	8,185	223	251	20	181,251
2002	16,056	2,341	6,316	5,942	28,702	56,645	14,832	16,958	17,814	7,464	244	217	24	173,555
2003	15,626	2,316	5,926	6,065	29,376	56,911	15,124	18,155	18,372	6,509	243	159	12	174,794
2004	14,810	1,724	5,727	5,705	28,872	55,523	14,244	18,273	18,768	6,402	192	180	19	170,439
2005	13,569	1,512	5,485	5,556	28,095	53,151	13,834	18,558	19,322	6,181	192	204	23	165,682
2006	14,217	1,470	5,381	5,329	27,058	54,363	14,229	18,556	19,379	5,826	202	167	19	166,196
2007	15,662	1,563	5,461	5,399	27,871	53,594	13,805	19,275	20,395	6,112	184	207	19	169,547
2008	16,144	1,577	5,573	5,530	29,119	55,016	13,545	18,050	20,446	6,360	190	183	22	171,755
2009	15,683	1,685	5,552	5,560	28,509	55,587	12,644	17,790	19,240	6,632	217	189	33	169,321
2010	15,737	1,754	5,696	5,536	29,290	54,857	12,635	17,830	19,775	6,387	245	195	47	169,984
2011	15,823	1,742	5,619	5,594	30,856	56,305	11,859	17,513	21,080	6,299	249	234	24	173,197
2012	17,418	1,744	5,794	5,814	31,339	57,317	12,233	20,076	20,899	6,786	261	254	33	179,968
2013	17,548	1,742	5,825	6,182	31,943	62,009	12,765	21,376	22,736	7,108	287	259	44	189,824
AVG:														
66-70	17,243	3,971	9,794	10,277	43,218	135,503	40,128	46,528	57,528	31,910				399,243
71-75	26,061	4,866	13,753	12,263	58,111	139,461	40,714	52,635	66,410	29,543	656	404		444,995
76-80	33,992	6,000	14,744	13,816	72,674	151,717	48,221	57,982	78,274	27,937	821	573		506,751
81-85	30,112	5,533	12,994	11,929	68,372	139,258	39,847	41,928	57,894	23,916	775	483		433,042
86-90	23,954	4,926	10,363	10,314	56,264	120,227	27,085	27,352	37,290	15,665	512	333		334,284
91-95	20,453	3,686	9,355	9,297	47,234	96,817	19,967	20,723	27,240	11,748	338	291		267,148
96-00	13,806	2,955	7,709	7,279	31,589	70,774	18,062	21,200	23,918	9,678	288	252	0	207,511
01-05	15,410	2,062	6,020	5,849	28,837	56,138	14,614	18,066	18,761	6,948	219	202	20	173,144
06-10	15,489	1,610	5,533	5,471	28,369	54,683	13,372	18,300	19,847	6,263	208	188	28	169,361
11-13	16,930	1,743	5,746	5,863	31,379	58,544	12,286	19,655	21,572	6,731	266	249	34	180,996

Estimated ACTIVE ADULT DUCK HUNTERS by State and Flyway, 1999-2013 (as Harvest Information Program Estimates).

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	4,400	48,000	13,800	14,900	10,400	5,500	2,200	26,200	24,200	30,600	4,800	136,840	5,600	141,850	415,100	113,130	812,520
2000	4,100	44,700	14,000	12,500	9,000	4,800	3,100	25,900	19,700	29,400	4,300	117,140	6,000	141,830	418,460	110,910	794,340
2001	3,700	50,400	17,500	12,000	10,900	3,800	5,000	22,300	15,600	25,600	4,200	115,910	5,600	152,920	426,510	118,740	819,680
2002	4,200	46,200	12,200	14,500	14,900	3,900	4,800	21,200	17,300	23,300	4,400	112,970	6,000	129,031	400,460	116,230	764,691
2003	3,400	43,100	13,400	18,200	14,200	4,200	3,900	19,200	15,900	24,700	4,300	109,170	5,700	132,210	403,340	110,690	761,110
2004	3,700	52,900	13,600	17,100	14,400	3,500	3,300	18,500	16,400	22,400	3,400	117,720	4,800	132,700	385,730	97,990	738,940
2005	3,000	47,000	12,300	18,500	12,100	3,600	2,900	18,700	17,000	23,400	3,600	143,300	5,700	205,300	449,700	184,500	988,400
2006	3,800	46,400	12,400	18,400	12,900	4,000	2,400	24,700	17,100	20,500	4,000	148,000	5,100	190,900	463,700	176,500	984,200
2007	3,783	53,188	11,882	17,537	11,258	2,893	2,820	22,337	16,043	20,462	4,587	147,501	4,834	193,400	474,400	175,600	995,735
2008	3,333	58,134	13,750	19,952	12,553	2,618	2,552	23,602	16,648	20,888	3,630	157,728	5,178	178,284	466,351	172,963	980,504
2009	3,321	51,325	13,257	15,399	11,532	3,502	1,784	18,675	13,993	19,195	4,148	136,941	4,886	172,662	468,419	193,233	976,142
2010	3,351	55,470	9,094	16,883	10,157	3,622	2,617	19,510	15,944	21,022	3,326	145,960	7,946	163,341	469,810	183,100	970,202
2011	2,997	49,109	12,151	14,211	11,647	3,217	2,945	20,848	14,716	20,091	4,018	136,836	4,836	183,780	477,001	181,483	983,935
2012	2,572	51,901	11,081	16,202	13,533	3,860	3,328	18,544	17,503	23,761	3,412	147,896	4,501	178,983	472,271	192,083	995,743
2013	4,727	47,011	11,894	19,403	10,647	3,632	2,131	13,766	14,297	17,189	4,724	130,671	4,676	159,725	411,616	174,692	881,380
Averages:																	
1999-2000	4,250	46,350	13,900	13,700	9,700	5,150	2,650	26,050	21,950	30,000	4,550	126,990	5,800	141,840	416,780	112,020	803,430
2001-2005	3,600	47,920	13,800	16,060	13,300	3,800	3,980	19,980	16,440	23,880	3,980	119,814	5,560	150,432	413,148	125,630	814,564
2006-2010	3,517	52,903	12,077	17,634	11,680	3,327	2,435	21,765	15,946	20,413	3,938	147,226	5,589	179,717	468,536	180,279	981,356
2011-2013	3,432	49,340	11,709	16,605	11,942	3,570	2,801	17,719	15,505	20,347	4,051	138,468	4,671	174,163	453,629	182,753	953,686
All years	3,626	49,656	12,821	16,379	12,008	3,776	3,052	20,932	16,823	22,834	4,056	133,639	5,424	163,794	440,191	153,456	896,501
% Change from:																	
1999-2012	33.3%	-5.7%	-7.7%	20.0%	-12.0%	-4.1%	-31.6%	-35.8%	-15.9%	-26.0%	17.8%	-2.4%	-14.6%	-2.7%	-6.9%	15.0%	-1.8%
2012	83.8%	-9.4%	7.3%	19.8%	-21.3%	-5.9%	-36.0%	-25.8%	-18.3%	-27.7%	38.5%	-11.6%	3.9%	-10.8%	-12.8%	-9.1%	-11.5%

Estimated Number of Duck Hunter Days for Active Adult Hunters (x1000) by State and Flyway, 1999-2013 (as Harvest Information Program Estimates).

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	22.9	463.6	79.7	118.3	59.3	34.9	13.9	212.2	163.2	293.9	18.3	1,368.4	29.1	1,418.5	4,151.0	1,131.3	8,098.3
2000	19.2	416.6	80.5	90.6	56.8	30.8	24.7	188.2	130.4	238.7	26.5	1,171.4	33.9	1,484.6	4,184.6	1,109.1	7,917.2
2001	26.9	492.8	113.7	71.2	70.7	25.0	30.1	166.9	111.4	194.2	26.5	1,159.1	28.5	1,529.2	4,265.1	1,187.4	8,168.9
2002	26.3	439.4	68.7	88.6	80.6	29.4	33.5	171.9	111.5	182.0	26.2	1,129.7	33.9	1,290.3	4,004.6	1,162.3	7,616.6
2003	20.9	406.9	86.0	125.3	70.6	24.4	30.9	135.4	135.2	173.0	23.0	1,091.7	26.8	1,322.1	4,033.4	1,106.9	7,580.9
2004	21.1	554.3	85.4	105.7	71.5	19.9	25.6	124.9	116.6	163.2	31.3	1,177.2	30.4	1,327.0	3,857.3	979.7	7,371.4
2005	19.4	486.7	66.7	110.6	64.3	22.2	16.7	142.0	122.9	166.3	19.7	1,134.5	31.1	1,170.8	3,075.5	1,067.3	6,479.2
2006	22.2	521.1	65.0	112.5	60.0	23.0	15.6	238.0	120.5	171.7	22.5	1,275.0	25.2	1,077.7	3,364.3	1,046.2	6,788.4
2007	23.1	552.9	66.1	93.7	58.0	18.6	18.7	244.5	107.2	171.8	23.9	1,269.9	25.8	1,127.4	3,479.1	1,076.3	6,978.4
2008	16.7	591.3	72.9	121.4	56.6	15.1	14.8	237.7	107.2	157.2	18.8	1,303.3	25.7	946.1	3,410.0	1,001.3	6,686.4
2009	18.8	511.3	79.4	113.8	50.5	22.2	17.0	147.6	115.3	154.7	22.3	1,134.1	25.2	1,053.0	3,455.5	1,104.1	6,771.9
2010	18.2	596.8	51.2	84.3	49.7	23.9	15.9	161.6	116.6	131.4	18.7	1,182.6	36.4	895.0	3,404.2	1,072.4	6,590.8
2011	21.8	468.5	64.6	98.1	60.5	24.1	16.7	170.7	128.2	190.2	19.6	1,182.3	24.8	1,158.1	3,637.2	1,091.4	7,073.7
2012	20.6	554.0	57.4	120.7	69.8	22.2	17.0	147.3	129.7	193.8	20.8	1,258.0	25.6	1,150.6	3,505.2	1,104.2	7,043.6
2013	23.2	403.2	77.1	127.2	63.6	18.6	13.5	117.1	90.6	127.1	26.6	970.8	25.8	1,057.1	3,107.2	1,036.1	6,196.9
Averages:																	
1999-2000	21.1	440.1	80.1	104.5	58.1	32.9	19.3	200.2	146.8	266.3	22.4	1,269.9	31.5	1,418.4	4,167.8	1,120.2	8,007.8
2001-2005	22.9	476.0	84.1	100.3	71.5	24.2	27.4	148.2	119.5	175.7	25.3	1,138.4	30.1	1,327.9	3,847.2	1,100.7	7,443.4
2006-2010	19.8	554.7	66.9	105.1	55.0	20.6	16.4	205.9	113.4	158.6	21.2	1,233.0	27.7	1,019.8	3,422.6	1,060.0	6,763.2
2011-2013	21.9	475.2	66.4	115.3	64.6	21.6	15.7	145.0	116.2	170.4	22.3	1,130.4	25.4	1,121.9	3,416.5	1,077.2	6,771.4
All years	21.4	497.3	74.3	105.5	62.8	23.6	20.3	173.7	120.4	181.0	23.0	1,185.9	28.5	1,196.1	3,662.3	1,085.1	7,157.5
% Change from:																	
1999-2012	9.0%	-20.0%	4.1%	22.4%	1.4%	-22.3%	-35.0%	-34.1%	-26.1%	-31.2%	17.3%	-19.2%	-10.4%	-12.4%	-16.1%	-4.8%	-14.2%
2012	12.7%	-27.2%	34.3%	5.4%	-8.8%	-16.1%	-20.5%	-20.5%	-30.1%	-34.4%	28.1%	-22.8%	0.6%	-8.1%	-11.4%	-6.2%	-12.0%

Estimated Days of Hunting Per Active Adult Hunter by State and Flyway, 1999-2013 (as Harvest Information Program Estimates).

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	5.2	9.7	5.8	7.9	5.7	6.3	6.3	8.1	6.7	9.6	3.8	--	5.2	--	--	--	--
2000	4.7	9.3	5.8	7.2	6.3	6.4	8.0	7.3	6.6	8.1	6.2	--	5.7	--	--	--	--
2001	7.3	9.8	6.5	5.9	6.5	6.6	6.0	7.5	7.1	7.6	6.3	--	5.1	--	--	--	--
2002	6.3	9.5	5.6	6.1	5.4	7.5	7.0	8.1	6.4	7.8	6.0	--	5.7	--	--	--	--
2003	6.1	9.4	6.4	6.9	5.0	5.8	7.9	7.1	8.5	7.0	5.3	--	4.7	--	--	--	--
2004	5.7	10.5	6.3	6.2	5.0	5.7	7.8	6.8	7.1	7.3	9.2	--	4.7	--	--	--	--
2005	6.5	10.4	5.4	6.0	5.3	6.2	5.8	7.6	7.2	7.1	5.5	7.9	5.5	5.7	6.8	5.8	6.6
2006	5.8	11.2	5.2	6.1	4.7	5.8	6.5	9.6	7.0	8.7	5.6	8.6	4.9	5.6	7.3	5.9	6.9
2007	6.1	10.4	5.6	5.4	5.1	6.4	6.6	11.0	6.7	8.4	5.2	8.6	5.4	5.8	7.3	6.1	7.0
2008	5.0	10.2	5.3	6.1	4.5	5.8	5.8	10.1	6.4	7.5	5.2	8.3	5.0	5.3	7.3	5.8	6.8
2009	5.6	8.8	5.8	5.7	4.0	8.5	6.7	6.3	6.9	7.4	6.1	7.2	4.9	5.9	7.4	6.4	6.9
2010	5.4	10.8	5.6	5.0	4.9	6.6	6.1	8.3	7.3	6.3	5.6	8.1	4.6	5.5	7.2	5.9	6.8
2011	7.3	9.5	5.3	6.9	5.2	7.5	5.7	8.2	8.7	9.5	4.9	8.5	5.1	6.3	7.6	6.0	7.2
2012	8.0	10.7	5.2	7.4	5.2	5.8	5.1	7.9	7.4	8.2	6.1	8.5	5.7	6.4	7.4	5.7	7.1
2013	4.9	8.6	6.5	6.6	6.0	5.1	6.3	8.5	6.3	7.4	5.6	7.4	5.5	6.6	7.5	5.9	7.0
Averages:																	
1999-2000	4.9	9.5	5.8	7.6	6.0	6.4	7.1	7.7	6.7	8.9	5.0	--	5.4	--	--	--	--
2001-2005	6.4	9.9	6.0	6.2	5.4	6.4	6.9	7.4	7.3	7.4	6.4	7.9	5.1	5.7	6.8	5.8	6.6
2006-2010	5.6	10.3	5.5	5.7	4.6	6.6	6.3	9.0	6.9	7.7	5.5	8.2	4.9	5.6	7.3	6.0	6.9
2011-2013	6.7	9.6	5.7	7.0	5.5	6.1	5.7	8.2	7.5	8.4	5.5	8.1	5.4	6.4	7.5	5.9	7.1
All years	6.0	9.9	5.7	6.4	5.3	6.4	6.5	8.1	7.1	7.9	5.8	8.1	5.2	5.9	7.3	6.0	6.9
% Change from:																	
1999-2012	-19.1%	-14.3%	13.8%	3.3%	14.9%	-20.9%	-2.6%	4.7%	-11.5%	-6.3%	-2.4%	-9.5%	7.1%	13.6%	3.5%	-0.4%	1.8%
2012	-38.6%	-19.8%	24.6%	-11.4%	15.0%	-11.5%	24.3%	7.7%	-14.3%	-9.8%	-7.5%	-12.6%	-3.4%	3.4%	2.0%	4.1%	-1.0%

Estimated (HIP) Total Duck Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.*	MF Tot.*	AF Tot.*	U.S. Tot.
1999	53,102	1,214,501	20,024	251,499	78,309	88,499	2,745	427,497	252,801	641,600	19,329	3,049,905	77,401	3,078,492	8,111,202	1,870,202	16,187,202
2000	57,600	953,001	23,450	235,000	100,483	47,399	4,718	423,799	209,000	568,202	10,886	2,633,533	77,799	3,317,963	8,111,596	1,825,305	15,966,198
2001	39,399	1,067,003	16,197	141,797	85,777	36,704	6,817	313,501	170,299	430,699	6,410	2,314,596	77,597	3,287,605	6,726,299	1,725,499	14,131,603
2002	33,899	826,596	16,256	191,798	92,567	44,898	7,963	357,701	172,602	399,502	2,614	2,136,400	74,100	2,614,898	5,834,899	1,778,903	12,439,198
2003	40,699	1,013,096	17,010	262,900	87,107	50,202	5,675	276,199	325,600	350,799	3,896	2,433,182	71,201	2,515,212	6,522,198	1,623,300	13,165,095
2004	34,101	1,480,700	25,028	188,500	78,076	37,101	2,100	256,802	196,700	353,298	3,144	2,657,549	63,001	2,668,251	5,505,502	1,417,897	12,312,197
2005	51,899	1,327,194	24,519	258,300	78,901	49,600	5,082	357,601	269,899	396,199	9,954	2,829,154	74,501	2,726,639	5,269,997	1,610,497	12,510,799
2006	45,701	1,480,799	17,347	278,002	83,493	55,402	2,505	630,602	310,400	496,399	14,113	3,414,763	65,198	2,448,439	6,257,201	1,622,503	13,808,103
2007	48,200	1,632,974	20,009	229,023	86,056	43,800	10,253	684,200	230,602	452,598	12,947	3,450,652	67,902	2,656,338	6,719,699	1,684,298	14,578,892
2008	28,899	1,634,101	10,821	257,702	81,465	29,900	7,525	644,402	186,597	399,198	6,544	3,287,154	68,298	2,100,565	6,522,934	1,744,244	13,723,201
2009	42,399	1,591,497	58,718	286,601	81,405	48,902	8,320	422,001	207,398	482,599	15,879	3,225,718	65,301	2,659,328	6,121,499	1,715,948	13,178,844
2010	38,502	1,734,102	25,725	156,571	70,720	48,229	2,297	419,133	249,090	286,221	10,829	3,042,823	91,743	2,229,977	7,646,985	1,857,540	14,865,794
2011	38,337	1,489,122	40,998	209,474	66,720	63,778	514	480,299	312,501	522,578	4,490	3,228,806	60,139	2,969,206	8,000,081	1,672,946	15,931,178
2012	52,663	1,738,441	21,446	351,587	113,511	56,666	9,610	444,312	298,011	565,474	9,179	3,660,898	75,639	3,978,648	8,543,434	2,637,100	18,895,712
2013	68,227	1,062,362	23,402	320,367	80,305	38,319	5,782	276,490	184,346	296,124	6,642	2,429,089	66,720	2,780,322	6,882,888	1,624,129	13,716,427
Averages:																	
1999-2000	55,351	1,083,751	21,737	243,250	89,396	67,949	3,732	425,648	230,901	604,901	15,108	2,841,719	77,600	3,198,228	8,111,399	1,847,754	16,076,700
2001-2005	39,999	1,142,918	19,802	208,659	84,486	43,701	5,527	312,361	227,420	384,099	5,204	2,474,176	72,080	2,762,521	5,971,779	1,631,219	12,911,778
2006-2010	40,740	1,614,695	26,524	241,580	80,628	45,247	6,180	560,068	236,817	419,403	12,062	3,284,222	71,688	2,418,929	6,653,664	1,724,907	14,030,967
2011-2013	53,076	1,429,975	28,615	293,809	86,845	52,921	5,302	400,367	264,953	461,392	6,770	3,106,264	67,499	3,242,725	7,808,801	1,978,058	16,181,106
All Years	44,908	1,349,699	24,063	241,275	84,326	49,293	5,460	427,636	238,523	440,766	9,124	2,919,615	71,769	2,802,126	6,851,761	1,760,687	14,360,696
% Change from:																	
1999-2012	57.8%	-22.5%	-2.9%	36.0%	-5.1%	-23.5%	6.3%	-36.9%	-23.9%	-34.4%	-28.6%	-17.8%	-7.5%	-0.8%	0.5%	-8.3%	-4.8%
2012	29.6%	-38.9%	9.1%	-8.9%	-29.3%	-32.4%	-39.8%	-37.8%	-38.1%	-47.6%	-27.6%	-33.6%	-11.8%	-30.1%	-19.4%	-38.4%	-27.4%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	1.9%	38.1%	0.8%	8.6%	3.1%	2.4%	0.1%	15.0%	8.1%	21.3%	0.5%	17.7%	0.5%	19.9%	50.5%	11.5%	--
2001-2005	1.6%	46.2%	0.8%	8.4%	3.4%	1.8%	0.2%	12.6%	9.2%	15.5%	0.2%	19.2%	0.6%	21.4%	46.3%	12.6%	--
2006-2010	1.2%	49.2%	0.8%	7.4%	2.5%	1.4%	0.2%	17.1%	7.2%	12.8%	0.4%	23.4%	0.5%	17.2%	47.4%	12.3%	--
2011-2013	1.7%	46.0%	0.9%	9.5%	2.8%	1.7%	0.2%	12.9%	8.5%	14.9%	0.2%	19.2%	0.4%	20.0%	48.3%	12.2%	--

*Flyway totals for Central, Mississippi, and Atlantic Flyways include Early and Special Teal and Wood Duck harvest totals.

Estimated (HIP) Mallard Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	14,513	328,165	15,221	187,001	59,605	29,209	1,514	203,013	71,979	371,461	13,408	1,295,088	23,385	995,528	3,137,726	444,068	5,895,795
2000	17,224	309,475	15,400	170,973	77,952	15,254	2,727	202,972	66,000	332,374	8,043	1,218,394	19,085	1,035,988	3,272,671	523,046	6,069,184
2001	13,811	307,911	12,801	106,695	67,677	13,126	3,581	145,060	72,777	256,081	4,338	1,003,857	27,711	1,178,357	2,796,047	472,682	5,478,655
2002	8,732	191,277	11,510	131,631	54,865	18,693	3,982	180,239	55,830	229,310	1,176	887,246	19,541	1,013,838	2,374,276	538,846	4,833,747
2003	10,697	288,094	11,766	195,916	68,559	17,771	3,224	121,104	123,368	189,704	3,255	1,033,457	24,824	962,154	2,483,361	427,301	4,931,097
2004	11,295	359,723	17,728	122,102	55,467	12,367	1,390	89,792	67,935	178,118	2,764	918,681	21,479	969,467	2,199,931	422,091	4,531,649
2005	14,905	349,758	17,263	172,669	58,877	12,639	3,154	142,771	85,014	212,209	5,548	1,074,807	30,288	868,144	2,049,383	444,305	4,466,927
2006	6,318	349,054	10,328	167,536	58,772	22,099	1,386	261,381	96,987	269,881	5,806	1,249,549	22,616	709,952	2,286,643	399,651	4,668,411
2007	10,260	270,300	12,627	155,506	55,273	12,936	4,982	271,041	72,160	235,351	7,050	1,107,485	20,039	806,861	2,514,119	429,917	4,878,421
2008	6,396	255,956	8,492	179,397	58,135	10,748	2,995	265,271	58,177	219,726	4,674	1,069,968	22,126	677,267	2,282,128	503,480	4,554,969
2009	9,288	262,442	29,423	146,716	42,463	14,914	1,959	147,480	69,379	166,231	6,570	896,866	21,078	821,947	2,076,235	419,543	4,135,196
2010	12,152	331,987	18,888	104,223	53,556	10,088	1,343	161,862	76,285	128,176	7,775	906,964	32,534	604,932	2,228,649	394,671	4,165,403
2011	8,006	308,051	29,440	112,066	48,499	20,760	257	189,305	92,926	247,483	2,487	1,059,280	20,338	773,332	2,240,248	315,897	4,409,096
2012	11,533	243,467	7,991	182,047	51,802	11,828	1,614	132,638	74,489	226,227	3,304	946,940	17,148	763,143	1,882,553	325,487	3,935,272
2013	13,720	127,977	10,390	212,538	53,058	10,499	2,329	103,953	52,713	123,569	4,613	715,358	17,125	740,084	1,837,000	328,029	3,637,597
Averages:																	
1999-2000	15,869	318,820	15,311	178,987	68,779	22,232	2,121	202,993	68,990	351,918	10,726	1,256,741	21,235	1,015,758	3,205,199	483,557	5,982,490
2001-2005	11,888	299,353	14,214	145,803	61,089	14,919	3,066	135,793	80,985	213,084	3,416	983,610	24,769	998,392	2,380,600	461,045	4,848,415
2006-2010	8,883	293,948	15,952	150,676	53,640	14,157	2,533	221,407	74,598	203,873	6,375	1,046,166	23,679	724,192	2,277,555	429,452	4,480,480
2011-2013	11,086	226,498	15,940	168,884	51,120	14,362	1,400	141,965	73,376	199,093	3,468	907,193	18,204	758,853	1,986,600	323,138	3,993,988
All Years	11,257	285,576	15,285	156,468	57,637	15,529	2,429	174,525	75,735	225,727	5,387	1,025,596	22,621	861,400	2,377,398	425,934	4,706,095
% Change from:																	
1999-2012	23.8%	-56.9%	-33.5%	39.4%	-8.5%	-33.9%	-4.4%	-42.1%	-31.9%	-47.0%	-15.2%	-31.7%	-25.6%	-14.9%	-24.0%	-24.2%	-23.9%
2012	19.0%	-47.4%	30.0%	16.7%	2.4%	-11.2%	44.3%	-21.6%	-29.2%	-45.4%	39.6%	-24.5%	-0.1%	-3.0%	-2.4%	0.8%	-7.6%
% Flyway Harvest:												% U.S. Harvest:		% U.S. Harvest:			
1999-2000	1.3%	25.4%	1.2%	14.2%	5.5%	1.8%	0.2%	16.2%	5.5%	28.0%	0.9%	21.0%	0.4%	17.0%	53.6%	8.1%	--
2001-2005	1.2%	30.4%	1.4%	14.8%	6.2%	1.5%	0.3%	13.8%	8.2%	21.7%	0.3%	20.3%	0.5%	20.6%	49.1%	9.5%	--
2006-2010	0.8%	28.1%	1.5%	14.4%	5.1%	1.4%	0.2%	21.2%	7.1%	19.5%	0.6%	23.3%	0.5%	16.2%	50.8%	9.6%	--
2011-2013	1.2%	25.0%	1.8%	18.6%	5.6%	1.6%	0.2%	15.6%	8.1%	21.9%	0.4%	22.7%	0.5%	19.0%	49.7%	8.1%	--

Estimated (HIP) Hand-reared Mallard Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	882	0	376	0	0	0	244	109	147	0	1,759	0	193	4,553	9,121	15,626
2000	0	1,193	0	288	68	0	0	129	183	365	0	2,225	0	1,312	9,473	10,123	23,133
2001	0	1,206	71	138	0	0	0	814	86	360	0	2,675	0	342	7,470	14,651	25,138
2002	103	710	0	226	0	45	0	192	97	69	0	1,442	0	578	6,999	15,870	24,889
2003	85	477	0	136	50	0	172	213	247	225	0	1,606	0	1,178	6,018	12,637	21,439
2004	54	1,394	0	97	94	46	0	129	75	168	0	2,057	0	2,422	5,015	9,546	19,039
2005	0	1,062	0	255	0	0	37	96	169	95	0	1,715	0	1,211	4,539	9,557	17,022
2006	0	985	0	315	0	0	0	0	310	98	0	1,709	0	1,975	8,493	7,044	19,221
2007	42	438	0	628	0	0	0	267	0	185	0	1,559	0	1,168	3,828	7,585	14,139
2008	0	803	0	245	196	147	0	499	294	97	0	2,281	0	151	3,311	5,941	11,684
2009	0	525	0	265	0	0	0	70	106	0	0	966	0	280	1,990	9,254	12,490
2010	0	2,105	0	0	0	0	0	94	202	0	0	2,401	0	1,328	1,673	8,784	14,187
2011	44	589	0	296	0	0	0	445	250	669	0	2,293	0	926	3,398	4,923	11,541
2012	0	0	0	153	0	0	0	90	0	0	0	243	0	604	647	5,844	7,338
2013	148	607	0	874	0	0	0	294	402	114	0	2,439	69	460	1,277	3,208	7,452
Averages:																	
1999-2000	0	1,038	0	332	34	0	0	187	146	256	0	1,992	0	752	7,013	9,622	19,379
2001-2005	48	970	14	171	29	18	42	289	135	183	0	1,899	0	1,146	6,008	12,452	21,506
2006-2010	8	971	0	291	39	29	0	186	182	76	0	1,783	0	980	3,859	7,722	14,344
2011-2013	64	399	0	441	0	0	0	276	217	261	0	1,658	23	663	1,774	4,658	8,777
All Years	32	865	5	286	27	16	14	238	169	173	0	1,825	5	942	4,579	8,939	16,289
% Change from:																	
1999-2012	532.4%	-31.3%	-100.0%	258.0%	-100.0%	-100.0%	-100.0%	25.4%	164.4%	-35.6%	--	37.0%	--	-52.9%	-73.5%	-65.7%	-56.0%
2012	--	--	--	471.2%	--	--	--	226.7%	--	--	--	903.7%	--	-23.8%	97.4%	-45.1%	1.6%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.0%	52.1%	0.0%	16.7%	1.7%	0.0%	0.0%	9.4%	7.3%	12.8%	0.0%	10.3%	0.0%	3.9%	36.2%	49.7%	--
2001-2005	2.5%	51.1%	0.7%	9.0%	1.5%	1.0%	2.2%	15.2%	7.1%	9.7%	0.0%	8.8%	0.0%	5.3%	27.9%	57.9%	--
2006-2010	0.5%	54.5%	0.0%	16.3%	2.2%	1.6%	0.0%	10.4%	10.2%	4.3%	0.0%	12.4%	0.0%	6.8%	26.9%	53.8%	--
2011-2013	3.9%	24.0%	0.0%	26.6%	0.0%	0.0%	0.0%	16.7%	13.1%	15.7%	0.0%	18.9%	0.3%	7.6%	20.2%	53.1%	--

Estimated (HIP) Northern Pintail Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	1,800	120,509	163	6,193	914	6,575	0	27,085	21,112	34,705	697	219,753	10,652	129,904	153,304	25,101	538,714
2000	2,408	82,200	210	6,019	1,285	3,318	0	30,446	19,091	40,612	325	185,914	17,119	135,897	153,036	20,050	512,016
2001	2,355	91,201	71	2,764	961	2,387	347	18,496	12,888	16,455	289	148,213	11,585	136,050	125,148	20,619	441,615
2002	565	67,885	94	3,238	2,964	2,102	394	18,024	10,222	13,436	44	118,968	11,215	60,703	99,759	17,220	307,865
2003	1,151	79,297	0	5,854	1,206	1,820	43	15,716	18,789	11,009	49	134,936	9,084	55,641	119,005	18,134	336,800
2004	535	98,771	116	3,403	1,128	834	32	16,643	10,209	9,313	0	140,984	6,056	63,280	90,542	10,254	311,115
2005	2,599	115,657	229	6,509	1,483	3,370	37	27,900	23,385	21,450	109	202,728	5,767	78,919	107,276	17,339	412,029
2006	2,337	123,246	161	5,781	1,998	2,619	0	47,540	26,883	21,092	135	231,793	7,630	66,350	104,286	20,282	430,342
2007	2,554	137,851	178	4,551	2,069	2,983	344	57,433	19,010	24,939	365	252,277	7,170	88,229	162,416	19,076	529,168
2008	1,299	169,433	0	4,656	2,157	1,319	219	57,877	15,108	24,792	36	276,897	7,779	72,230	158,218	21,395	536,519
2009	577	177,118	558	5,174	1,625	2,123	94	39,653	16,893	34,835	149	278,798	7,178	96,449	106,727	15,056	498,762
2010	1,986	242,628	0	4,828	1,373	3,515	0	59,658	21,044	22,670	0	357,813	10,139	116,127	196,177	23,522	704,549
2011	1,218	201,637	365	3,849	685	4,613	0	73,995	48,711	48,526	61	383,660	7,873	187,970	212,499	17,971	809,973
2012	1,736	201,061	100	7,948	1,540	3,256	77	59,449	35,046	36,666	0	346,880	10,962	156,403	156,593	12,609	683,446
2013	3,041	130,558	109	7,114	1,440	2,238	0	37,299	15,161	24,395	92	221,448	9,727	130,820	155,104	21,367	538,467
Averages:																	
1999-2000	2,104	101,355	187	6,106	1,100	4,947	0	28,766	20,102	37,659	511	202,834	13,886	132,901	153,170	22,576	525,365
2001-2005	1,441	90,562	102	4,354	1,548	2,103	171	19,356	15,099	14,333	98	149,166	8,741	78,919	108,346	16,713	361,885
2006-2010	1,751	170,055	179	4,998	1,844	2,512	131	52,432	19,788	25,666	137	279,516	7,979	87,877	145,565	19,866	539,868
2011-2013	1,998	177,752	191	6,304	1,222	3,369	26	56,914	32,973	36,529	51	317,329	9,521	158,398	174,732	17,316	677,295
All Years	1,744	135,937	157	5,192	1,522	2,871	106	39,148	20,903	25,660	157	233,404	9,329	104,998	140,006	18,666	506,092
% Change from:																	
1999-2012	84.1%	-4.2%	-32.0%	40.7%	-5.7%	-23.3%	-100.0%	-5.0%	-28.9%	-5.3%	-43.0%	-5.5%	4.6%	26.8%	11.6%	15.7%	6.9%
2012	75.2%	-35.1%	9.0%	-10.5%	-6.5%	-31.3%	-100.0%	-37.3%	-56.7%	-33.5%	-	-36.2%	-11.3%	-16.4%	-1.0%	69.5%	-21.2%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	1.0%	50.0%	0.1%	3.0%	0.5%	2.4%	0.0%	14.2%	9.9%	18.6%	0.3%	38.6%	2.6%	25.3%	29.2%	4.3%	--
2001-2005	1.0%	60.7%	0.1%	2.9%	1.0%	1.4%	0.1%	13.0%	10.1%	9.6%	0.1%	41.2%	2.4%	21.8%	29.9%	4.6%	--
2006-2010	0.6%	60.8%	0.1%	1.8%	0.7%	0.9%	0.0%	18.8%	7.1%	9.2%	0.0%	51.8%	1.5%	16.3%	27.0%	3.7%	--
2011-2013	0.6%	56.0%	0.1%	2.0%	0.4%	1.1%	0.0%	17.9%	10.4%	11.5%	0.0%	46.9%	1.4%	23.4%	25.8%	2.6%	--

Estimated (HIP) American Wigeon Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	4,725	167,130	1,384	17,824	4,073	2,211	528	62,832	14,768	105,291	1,306	382,072	17,539	201,752	170,804	49,857	822,024
2000	6,668	111,669	1,610	18,406	5,054	3,490	811	49,073	17,818	69,764	1,300	285,662	15,645	217,111	217,539	38,970	774,927
2001	4,925	149,078	919	12,784	6,087	2,042	1,502	48,741	13,146	66,808	578	306,610	16,960	204,922	172,897	37,637	739,027
2002	4,674	113,548	1,644	18,299	7,720	3,891	1,419	55,606	13,775	61,916	610	283,102	14,312	190,807	144,517	32,466	665,203
2003	6,648	112,566	1,151	20,150	4,574	3,784	903	38,614	21,097	64,408	197	274,092	9,397	151,005	120,737	39,505	594,737
2004	3,854	196,672	1,970	18,860	5,923	2,501	129	36,639	16,740	62,673	0	345,960	8,478	226,348	149,793	19,374	749,954
2005	2,981	176,871	1,986	29,352	2,967	2,834	779	51,086	21,443	57,771	435	348,506	7,622	203,370	121,240	20,686	701,424
2006	5,626	165,724	888	40,465	3,580	3,093	267	107,638	29,468	80,739	1,890	439,377	12,442	198,561	163,839	39,999	854,219
2007	3,225	218,751	800	24,715	7,157	3,278	1,031	118,863	20,096	74,817	608	473,342	13,543	157,652	148,774	25,536	818,846
2008	3,669	271,816	411	23,773	5,490	2,931	1,169	123,405	16,678	67,960	467	517,768	9,901	155,663	160,218	29,563	873,113
2009	3,253	195,302	2,649	21,357	5,741	4,133	614	59,479	15,618	76,931	597	385,676	10,572	201,129	96,709	33,514	711,765
2010	2,688	225,407	450	13,821	3,335	3,384	530	61,248	22,258	60,059	486	393,960	17,553	132,878	129,959	39,782	713,451
2011	2,524	169,831	1,460	31,088	3,014	3,979	171	73,015	24,730	87,347	546	397,705	10,778	165,716	136,779	44,367	755,345
2012	5,953	193,750	300	24,456	3,360	3,123	923	58,910	30,249	76,180	874	398,078	11,396	202,934	137,133	23,837	773,378
2013	7,490	152,570	3,281	21,466	4,081	2,452	1,927	43,479	17,370	61,670	369	316,157	11,029	178,153	95,602	34,947	635,888
Averages:																	
1999-2000	5,697	139,400	1,497	18,115	4,564	2,851	670	55,953	16,293	87,528	1,303	333,867	16,592	209,432	194,172	44,414	798,476
2001-2005	4,616	149,747	1,534	19,889	5,454	3,010	946	46,137	17,240	62,715	364	311,654	11,354	195,290	141,837	29,934	690,069
2006-2010	3,692	215,400	1,040	24,826	5,061	3,364	722	94,127	20,824	72,101	810	442,025	12,802	169,177	139,900	33,679	794,279
2011-2013	5,322	172,050	1,680	25,670	3,485	3,185	1,007	58,468	24,116	75,066	596	370,647	11,068	182,268	123,171	34,384	721,537
All Years	4,594	174,712	1,394	22,454	4,810	3,142	847	65,909	19,684	71,622	684	369,871	12,478	185,867	144,436	34,003	745,553
% Change from:																	
1999-2012	70.7%	-13.5%	160.7%	-4.7%	-16.1%	-23.2%	150.4%	-35.6%	-12.5%	-14.7%	-47.8%	-15.4%	-12.3%	-4.4%	-35.4%	3.0%	-15.6%
2012	25.8%	-21.3%	993.7%	-12.2%	21.5%	-21.5%	108.8%	-26.2%	-42.6%	-19.0%	-57.8%	-20.6%	-3.2%	-12.2%	-30.3%	46.6%	-17.8%
% Flyway Harvest:												% U.S. Harvest:	% U.S. Harvest:				
1999-2000	1.7%	41.8%	0.4%	5.4%	1.4%	0.9%	0.2%	16.8%	4.9%	26.2%	0.4%	41.8%	2.1%	26.2%	24.3%	5.6%	--
2001-2005	1.5%	48.0%	0.5%	6.4%	1.8%	1.0%	0.3%	14.8%	5.5%	20.1%	0.1%	45.2%	1.6%	28.3%	20.6%	4.3%	--
2006-2010	0.8%	48.7%	0.2%	5.6%	1.1%	0.8%	0.2%	21.3%	4.7%	16.3%	0.2%	55.7%	1.6%	21.3%	17.6%	4.2%	--
2011-2013	1.4%	46.4%	0.5%	6.9%	0.9%	0.9%	0.3%	15.8%	6.5%	20.3%	0.2%	51.4%	1.5%	25.3%	17.1%	4.8%	--

Estimated (HIP) Green-winged Teal Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	11,925	285,180	1,872	18,579	2,411	27,289	458	45,751	66,181	55,293	1,393	516,331	13,375	351,531	908,239	241,552	2,031,028
2000	7,779	192,079	2,240	14,393	3,255	15,556	369	55,111	53,818	63,161	325	408,086	10,239	350,588	691,501	190,783	1,651,197
2001	9,101	203,886	566	8,292	2,563	10,395	462	30,012	31,018	27,694	530	324,519	10,287	329,597	588,076	149,094	1,401,573
2002	5,958	203,453	1,034	11,070	5,376	5,948	1,380	41,513	32,174	31,720	348	339,974	7,500	302,838	536,469	158,560	1,345,341
2003	7,884	218,097	2,558	15,248	2,362	7,425	516	37,689	38,980	28,085	148	358,993	9,632	285,370	698,563	137,155	1,489,713
2004	4,871	348,748	1,506	14,485	4,607	5,743	97	41,155	28,825	29,113	95	479,246	7,994	273,326	498,019	114,969	1,373,555
2005	10,777	297,573	2,215	17,867	4,621	10,265	445	61,091	51,836	40,993	653	498,336	10,631	356,990	513,850	120,672	1,500,479
2006	12,637	331,324	2,824	16,712	3,746	8,778	213	79,114	59,454	39,339	540	554,681	7,974	281,833	659,628	154,612	1,658,727
2007	10,050	402,972	2,401	13,495	4,484	8,742	1,031	96,743	39,649	41,842	1,216	622,626	8,457	370,893	792,182	157,037	1,951,194
2008	4,480	468,551	548	13,112	3,333	4,104	767	101,452	33,160	35,584	324	665,414	9,396	320,899	852,849	148,908	1,997,465
2009	5,300	387,457	976	13,266	3,900	7,988	519	49,322	29,430	32,111	1,045	531,314	7,766	279,153	755,233	135,634	1,694,073
2010	5,726	394,940	1,079	10,791	5,199	6,248	0	56,572	28,531	30,191	833	540,259	8,928	262,721	1,052,768	148,482	2,011,882
2011	6,004	311,978	1,946	11,991	3,836	6,170	0	55,207	48,961	57,395	667	504,156	3,655	327,618	1,001,902	112,102	1,949,433
2012	9,053	371,171	799	12,075	6,160	9,370	0	48,852	38,111	55,355	1,457	552,404	7,489	412,550	932,461	124,683	2,029,587
2013	15,351	258,838	2,625	16,973	4,321	7,621	80	34,651	38,958	30,208	185	409,812	8,152	331,873	848,357	113,113	1,711,307
Averages:																	
1999-2000	9,852	238,630	2,056	16,486	2,833	21,423	414	50,431	60,000	59,227	859	462,209	11,807	351,060	799,870	216,168	1,841,113
2001-2005	7,718	254,351	1,576	13,392	3,906	7,955	580	42,292	36,567	31,521	355	400,214	9,209	309,624	566,995	136,090	1,422,132
2006-2010	7,639	397,049	1,566	13,475	4,132	7,172	506	76,641	38,045	35,813	792	582,859	8,504	303,100	822,532	148,935	1,862,668
2011-2013	10,136	313,996	1,790	13,680	4,772	7,720	27	46,237	42,010	47,653	770	488,791	6,432	357,347	927,573	116,633	1,896,776
All Years	8,460	311,750	1,679	13,890	4,012	9,443	422	55,616	41,272	39,872	651	487,077	8,765	322,519	755,340	147,157	1,719,770
% Change from:																	
1999-2012	92.7%	-18.0%	62.9%	24.2%	8.3%	-20.4%	-82.1%	-39.3%	-6.0%	-25.5%	-72.9%	-16.8%	-7.5%	3.1%	13.3%	-24.4%	-0.5%
2012	69.6%	-30.3%	228.5%	40.6%	-29.9%	-18.7%	-	-29.1%	2.2%	-45.4%	-87.3%	-25.8%	8.9%	-19.6%	-9.0%	-9.3%	-15.7%
% Flyway Harvest:												% U.S. Harvest:	% U.S. Harvest:				
1999-2000	2.1%	51.6%	0.4%	3.6%	0.6%	4.6%	0.1%	10.9%	13.0%	12.8%	0.2%	25.1%	0.6%	19.1%	43.4%	11.7%	--
2001-2005	1.9%	63.6%	0.4%	3.3%	1.0%	2.0%	0.1%	10.6%	9.1%	7.9%	0.1%	28.1%	0.6%	21.8%	39.9%	9.6%	--
2006-2010	1.3%	68.1%	0.3%	2.3%	0.7%	1.2%	0.1%	13.1%	6.5%	6.1%	0.1%	31.3%	0.5%	16.3%	44.2%	8.0%	--
2011-2013	2.1%	64.2%	0.4%	2.8%	1.0%	1.6%	0.0%	9.5%	8.6%	9.7%	0.2%	25.8%	0.3%	18.8%	48.9%	6.1%	--

Estimated (HIP)Blue-winged/Cinnamonon Teal Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	3,150	47,156	163	1,511	665	1,280	0	366	4,157	441	0	58,888	80	277,260	736,473	81,876	1,154,577
2000	1,852	27,321	700	1,919	771	1,637	0	771	2,636	747	81	38,436	0	375,421	710,588	78,195	1,202,640
2001	964	36,721	354	207	881	1,008	0	582	1,375	270	193	42,553	278	375,876	628,270	72,362	1,119,340
2002	1,541	30,239	423	753	2,688	626	0	1,055	7,204	693	0	45,221	482	213,269	439,758	61,335	760,064
2003	2,046	46,267	0	817	955	287	0	640	6,016	300	99	57,426	0	263,127	599,893	45,872	966,318
2004	2,302	57,312	116	1,555	1,410	556	0	645	7,582	503	0	71,981	0	228,435	365,488	73,044	738,948
2005	4,968	58,160	153	255	970	1,341	0	385	9,793	191	326	76,542	50	235,715	314,079	77,147	703,534
2006	692	56,883	0	526	1,665	307	0	897	10,443	98	608	72,118	0	284,381	513,876	70,590	940,965
2007	2,638	43,371	0	1,491	2,587	532	115	1,066	5,897	92	243	58,031	61	346,687	626,720	89,652	1,121,151
2008	1,980	39,949	137	1,716	490	195	365	499	7,260	0	72	52,664	0	200,810	517,937	72,509	843,920
2009	1,364	35,319	558	1,725	433	447	24	139	6,056	454	50	46,568	0	302,347	732,594	114,479	1,190,638
2010	292	48,219	180	757	196	1,172	0	1,029	6,880	0	69	58,794	0	260,442	633,411	119,348	1,072,629
2011	1,740	36,911	1,095	1,036	685	807	0	1,158	9,243	0	0	52,675	0	359,391	704,647	134,436	1,251,149
2012	1,798	31,926	0	459	980	399	0	359	3,465	356	777	40,519	109	346,157	932,096	108,568	1,427,447
2013	6,304	22,013	437	2,870	3,241	1,119	0	294	5,824	456	277	42,835	343	403,569	942,908	75,663	1,465,318
Averages:																	
1999-2000	2,501	37,239	432	1,715	718	1,459	0	569	3,397	594	41	48,662	40	326,341	723,531	80,036	1,178,609
2001-2005	2,364	45,740	209	717	1,391	764	0	661	6,394	391	124	58,745	162	263,284	469,498	65,952	857,641
2006-2010	1,393	44,748	175	1,243	1,074	531	101	726	7,307	129	208	57,635	12	278,933	604,908	93,316	1,033,861
2011-2013	3,281	30,283	511	1,455	1,635	775	0	604	6,177	271	351	45,343	151	369,706	859,884	106,222	1,381,305
All Years	2,242	41,184	288	1,173	1,241	781	34	659	6,255	307	186	54,350	94	298,192	626,583	85,005	1,063,909
% Change from:																	
1999-2012	223.0%	-48.3%	57.7%	172.8%	195.1%	47.9%	-100.0%	-57.1%	-7.4%	54.0%	54.0%	-22.4%	353.0%	38.8%	56.1%	-11.7%	41.5%
2012	250.6%	-31.0%	-	525.3%	230.7%	180.5%	-	-18.1%	68.1%	28.1%	-64.4%	5.7%	214.7%	16.6%	1.2%	-30.3%	2.7%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	5.1%	76.5%	0.9%	3.5%	1.5%	3.0%	0.0%	1.2%	7.0%	1.2%	0.1%	4.1%	0.0%	27.7%	61.4%	6.8%	--
2001-2005	4.0%	77.9%	0.4%	1.2%	2.4%	1.3%	0.0%	1.1%	10.9%	0.7%	0.2%	6.8%	0.0%	30.7%	54.7%	7.7%	--
2006-2010	2.4%	77.6%	0.3%	2.2%	1.9%	0.9%	0.2%	1.3%	12.7%	0.2%	0.4%	5.6%	0.0%	27.0%	58.5%	9.0%	--
2011-2013	7.2%	66.8%	1.1%	3.2%	3.6%	1.7%	0.0%	1.3%	13.6%	0.6%	0.8%	3.3%	0.0%	26.8%	62.3%	7.7%	--

Estimated (HIP) Northern Shoveler Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	2,475	109,495	0	2,719	1,995	5,237	35	17,568	43,209	7,206	174	190,114	2,723	121,495	201,054	17,350	532,736
2000	3,149	83,274	0	2,617	600	1,896	74	14,002	11,909	10,714	0	128,234	3,522	102,188	196,306	17,950	448,200
2001	1,285	113,562	0	1,244	481	2,758	0	14,308	6,358	5,934	145	146,075	2,502	133,216	236,850	21,468	540,112
2002	1,900	88,180	47	3,163	1,654	3,488	0	10,354	18,837	8,449	87	136,161	3,991	87,628	126,468	14,688	368,935
2003	2,429	96,230	0	2,859	804	6,946	129	10,098	28,431	7,939	0	155,865	1,879	88,270	207,613	12,748	466,375
2004	2,248	147,722	348	2,625	1,457	4,400	32	14,643	19,667	10,739	95	203,977	2,180	104,482	158,905	9,865	479,409
2005	2,675	128,802	0	4,339	1,369	4,366	37	15,874	14,943	12,679	326	185,412	4,513	137,817	195,542	18,672	541,956
2006	4,155	224,576	0	2,733	1,415	6,577	53	30,139	19,335	9,222	473	298,677	2,681	104,705	225,492	12,496	644,051
2007	6,910	275,265	0	3,766	2,501	5,818	401	32,114	24,907	15,610	608	367,899	1,532	141,238	289,071	15,045	814,786
2008	2,175	209,583	0	1,838	588	3,127	183	17,796	15,697	6,611	72	257,670	1,515	65,214	252,481	11,415	588,296
2009	2,624	157,710	0	1,990	108	3,296	94	12,104	11,050	9,758	0	198,734	3,850	143,969	283,039	19,202	643,500
2010	3,564	220,814	180	947	687	10,219	0	18,515	24,889	6,661	69	286,577	3,178	139,619	475,071	29,651	934,598
2011	9,572	253,862	608	2,665	2,055	11,764	0	21,637	17,486	12,215	243	332,108	2,624	174,748	375,918	32,087	917,485
2012	6,139	291,478	200	7,490	980	11,230	0	20,026	18,656	14,951	194	371,343	2,388	154,950	391,133	33,027	952,841
2013	7,713	197,355	437	5,366	2,041	7,035	0	18,466	11,748	9,575	92	259,828	5,275	173,526	355,369	27,862	821,859
Averages:																	
1999-2000	2,812	96,385	0	2,668	1,298	3,567	55	15,785	27,559	8,960	87	159,174	3,123	111,842	198,680	17,650	490,468
2001-2005	2,107	114,899	79	2,846	1,153	4,392	40	13,055	17,647	9,148	131	165,498	3,013	110,283	185,076	15,488	479,357
2006-2010	3,886	217,590	36	2,255	1,060	5,807	146	22,134	19,176	9,572	244	281,911	2,551	118,949	305,031	17,562	725,046
2011-2013	7,808	247,565	415	5,174	1,692	10,010	0	20,043	15,963	12,247	176	321,093	3,429	167,741	374,140	30,992	897,395
All Years	3,934	173,194	121	3,091	1,249	5,877	69	17,843	19,141	9,884	172	234,578	2,957	124,871	264,687	19,568	646,343
% Change from:																	
1999-2012	110.5%	15.1%	342.4%	83.3%	71.2%	21.4%	-	3.8%	-40.3%	-3.3%	-48.2%	11.6%	89.0%	42.9%	37.6%	46.8%	29.7%
2012	25.6%	-32.3%	118.5%	-28.4%	108.3%	-37.4%	-	-7.8%	-37.0%	-36.0%	-52.6%	-30.0%	120.9%	12.0%	-9.1%	-15.6%	-13.7%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	1.8%	60.6%	0.0%	1.7%	0.8%	2.2%	0.0%	9.9%	17.3%	5.6%	0.1%	32.5%	0.6%	22.8%	40.5%	3.6%	--
2001-2005	1.3%	69.4%	0.0%	1.7%	0.7%	2.7%	0.0%	7.9%	10.7%	5.5%	0.1%	34.5%	0.6%	23.0%	38.6%	3.2%	--
2006-2010	1.4%	77.2%	0.0%	0.8%	0.4%	2.1%	0.1%	7.9%	6.8%	3.4%	0.1%	38.9%	0.4%	16.4%	42.1%	2.4%	--
2011-2013	2.4%	77.1%	0.1%	1.6%	0.5%	3.1%	0.0%	6.2%	5.0%	3.8%	0.1%	35.8%	0.4%	18.7%	41.7%	3.5%	--

Estimated (HIP) Gadwall Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	4,050	69,290	326	5,438	3,658	5,528	70	10,858	17,174	15,735	1,219	133,345	481	556,552	1,069,106	62,212	1,821,696
2000	6,668	59,652	1,190	6,281	2,913	4,094	369	14,516	16,091	19,434	731	131,937	573	609,414	1,267,317	67,496	2,076,737
2001	2,141	66,537	707	4,837	1,922	2,758	809	9,888	16,669	13,847	337	120,452	1,946	491,783	845,701	33,785	1,493,668
2002	2,722	60,579	705	4,819	6,341	6,887	473	9,108	14,700	11,150	305	117,790	1,170	411,642	661,701	39,803	1,232,106
2003	3,196	79,774	256	6,399	2,563	7,904	387	9,458	30,821	12,807	99	153,664	392	422,728	851,315	38,479	1,466,578
2004	3,480	132,566	463	6,125	2,914	7,087	32	10,450	25,898	12,081	95	201,192	969	483,058	654,488	24,269	1,363,975
2005	2,905	105,034	1,146	10,210	2,681	9,231	74	18,376	34,782	7,436	1,305	193,179	1,153	499,963	635,321	34,337	1,363,954
2006	5,366	124,231	242	20,390	5,328	8,137	53	25,654	38,567	14,029	1,350	243,348	1,031	463,376	803,785	33,252	1,544,792
2007	2,638	122,226	1,334	8,317	5,950	5,169	573	17,456	24,907	9,514	729	198,812	1,042	394,305	842,192	38,950	1,475,301
2008	2,532	110,212	685	8,333	6,764	4,690	913	14,802	22,761	9,236	288	181,216	1,010	339,425	906,308	36,313	1,464,272
2009	2,781	117,846	2,649	14,592	2,816	4,636	637	13,844	21,887	10,779	647	193,115	718	480,882	713,277	33,448	1,401,774
2010	5,258	124,375	1,709	6,248	2,256	6,834	283	13,746	43,100	8,165	1,250	213,264	2,270	369,112	1,098,679	53,420	1,735,229
2011	2,263	106,218	1,582	11,991	2,192	10,149	86	15,048	46,713	15,562	425	212,227	1,406	556,105	1,474,405	68,561	2,312,705
2012	3,162	95,291	300	12,534	5,320	6,512	692	15,446	42,642	11,391	389	193,679	543	536,958	1,240,234	49,318	2,020,732
2013	5,117	60,725	1,640	13,978	6,002	4,584	1,285	8,902	19,479	7,182	277	129,169	480	455,548	1,009,467	80,107	1,674,771
Averages:																	
1999-2000	5,359	64,471	758	5,860	3,286	4,811	220	12,687	16,633	17,585	975	132,641	527	582,983	1,168,212	64,854	1,949,217
2001-2005	2,889	88,898	655	6,478	3,284	6,773	355	11,456	24,574	11,464	428	157,255	1,126	461,835	729,705	34,135	1,384,056
2006-2010	3,715	119,778	1,324	11,576	4,623	5,893	492	17,100	30,244	10,345	853	205,951	1,214	409,420	872,848	39,077	1,524,274
2011-2013	3,514	87,411	1,174	12,834	4,505	7,082	688	13,132	36,278	11,378	364	178,358	810	516,204	1,241,369	65,995	2,002,736
All Years	3,619	95,637	996	9,366	3,975	6,280	449	13,837	27,746	11,890	630	174,426	1,012	471,390	938,220	46,250	1,629,886
% Change from:																	
1999-2012	45.7%	-38.1%	72.7%	54.7%	56.7%	-28.4%	230.0%	-37.3%	-31.3%	-41.3%	-57.7%	-27.3%	-54.3%	-3.6%	8.2%	82.8%	3.0%
2012	61.8%	-36.3%	446.7%	11.5%	12.8%	-29.6%	85.7%	-42.4%	-54.3%	-37.0%	-28.8%	-33.3%	-11.6%	-15.2%	-18.6%	62.4%	-17.1%
% Flyway Harvest:												% U.S. Harvest:		% U.S. Harvest:			
1999-2000	4.0%	48.6%	0.6%	4.4%	2.5%	3.6%	0.2%	9.6%	12.5%	13.3%	0.7%	6.8%	0.0%	29.9%	59.9%	3.3%	--
2001-2005	1.8%	56.5%	0.4%	4.1%	2.1%	4.3%	0.2%	7.3%	15.6%	7.3%	0.3%	11.4%	0.1%	33.4%	52.7%	2.5%	--
2006-2010	1.8%	58.2%	0.6%	5.6%	2.2%	2.9%	0.2%	8.3%	14.7%	5.0%	0.4%	13.5%	0.1%	26.9%	57.3%	2.6%	--
2011-2013	2.0%	49.0%	0.7%	7.2%	2.5%	4.0%	0.4%	7.4%	20.3%	6.4%	0.2%	8.9%	0.0%	25.8%	62.0%	3.3%	--

Estimated (HIP) Wood Duck Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	26,839	81	4,985	333	1,047	35	12,200	109	6,617	0	52,247	0	124,655	978,683	398,765	1,554,350
2000	185	32,331	70	4,798	86	302	147	10,534	364	5,731	0	54,547	0	118,950	808,899	382,412	1,364,808
2001	107	33,104	71	1,589	240	133	0	15,820	258	2,877	0	54,200	0	112,709	634,131	403,484	1,204,524
2002	0	21,005	0	2,184	276	224	0	6,999	146	3,671	0	34,503	0	84,721	695,915	350,818	1,165,958
2003	341	25,280	0	2,723	302	575	0	9,031	165	2,546	0	40,962	0	76,038	736,154	338,004	1,191,158
2004	0	22,472	0	1,847	94	139	32	7,612	75	3,440	0	35,711	0	74,626	729,608	265,560	1,105,505
2005	0	39,437	0	2,680	456	728	37	10,871	0	1,335	0	55,545	0	67,386	673,507	323,482	1,119,921
2006	173	31,273	0	5,991	666	84	160	13,455	207	6,769	68	58,845	0	49,655	635,053	332,648	1,076,200
2007	293	33,733	89	3,609	345	236	115	10,527	78	4,064	0	53,088	0	75,772	621,615	337,365	1,087,841
2008	227	36,336	137	3,921	294	195	37	13,139	589	5,445	0	60,319	0	55,317	662,706	365,477	1,143,820
2009	157	27,101	837	4,112	758	168	47	7,444	106	4,879	50	45,659	0	51,387	647,412	357,501	1,098,345
2010	526	34,060	90	1,515	294	456	0	9,725	0	3,008	0	49,688	0	56,210	919,195	453,057	1,478,830
2011	218	21,008	122	2,961	411	0	0	11,308	1,249	4,351	0	41,627	0	46,556	928,178	417,596	1,433,957
2012	186	21,934	200	5,656	280	598	0	6,286	0	2,314	194	37,648	0	32,050	780,024	445,354	1,295,075
2013	222	5,465	0	6,115	600	266	0	9,196	100	4,218	0	26,184	0	33,296	774,961	326,423	1,160,864
Averages:																	
1999-2000	93	29,585	76	4,892	210	675	91	11,367	237	6,174	0	53,397	0	121,803	893,791	390,589	1,459,579
2001-2005	90	28,260	14	2,205	274	360	14	10,067	129	2,774	0	44,184	0	83,096	693,863	336,270	1,157,413
2006-2010	275	32,501	231	3,830	471	228	72	10,858	196	4,833	24	53,520	0	57,668	697,196	369,210	1,177,007
2011-2013	209	16,136	107	4,911	430	288	0	8,930	450	3,628	65	35,153	0	37,301	827,721	396,458	1,296,632
All Years	176	27,425	113	3,646	362	343	41	10,276	230	4,084	21	46,718	0	70,622	748,403	366,530	1,232,077
% Change from:																	
1999-2012	28.8%	-81.2%	-100.0%	76.3%	73.7%	-23.8%	-	-11.2%	-58.2%	3.5%	-	-45.7%	-	-54.6%	3.8%	-11.6%	-6.2%
2012	19.4%	-75.1%	-100.0%	8.1%	114.3%	-55.5%	-	46.3%	-	82.3%	-	-30.5%	-	3.9%	-0.6%	-26.7%	-10.4%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.2%	55.4%	0.1%	9.2%	0.4%	1.3%	0.2%	21.3%	0.4%	11.6%	0.0%	3.7%	0.0%	8.3%	61.2%	26.8%	--
2001-2005	0.2%	64.0%	0.0%	5.0%	0.6%	0.8%	0.0%	22.8%	0.3%	6.3%	0.0%	3.8%	0.0%	7.2%	59.9%	29.1%	--
2006-2010	0.5%	60.7%	0.4%	7.2%	0.9%	0.4%	0.1%	20.3%	0.4%	9.0%	0.0%	4.5%	0.0%	4.9%	59.2%	31.4%	--
2011-2013	0.6%	45.9%	0.3%	14.0%	1.2%	0.8%	0.0%	25.4%	1.3%	10.3%	0.2%	2.7%	0.0%	2.9%	63.8%	30.6%	--

Estimated (HIP) Canvasback Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	225	12,725	0	0	499	989	0	2,318	1,313	2,059	0	20,127	0	33,639	40,510	5,566	99,841
2000	926	10,618	0	349	514	215	0	3,083	3,000	997	81	19,783	246	26,960	49,183	16,474	112,646
2001	214	6,687	0	0	80	80	0	582	1,031	809	0	9,482	0	13,993	11,578	1,578	36,631
2002	0	609	0	0	69	0	0	96	0	69	0	843	344	1,208	574	0	2,970
2003	256	7,035	0	408	302	335	0	498	1,566	824	0	11,224	157	8,005	9,821	4,738	33,945
2004	54	11,497	0	194	235	324	0	323	976	1,342	0	14,945	81	8,857	10,824	9,772	44,479
2005	459	4,780	76	255	628	460	0	289	1,520	858	54	9,378	351	17,470	32,786	4,433	64,420
2006	346	17,483	161	631	749	307	0	1,794	3,516	1,864	68	26,918	69	18,031	45,640	1,228	91,885
2007	1,256	32,564	0	157	517	1,447	344	2,932	4,733	2,032	122	46,104	429	15,254	56,432	6,988	125,207
2008	0	602	0	0	0	0	0	166	0	0	36	805	202	15,864	1,234	68	18,172
2009	315	9,791	0	0	0	279	0	835	1,806	4,766	0	17,792	131	18,165	27,831	7,389	70,392
2010	175	17,604	0	95	98	1,497	0	748	3,440	1,504	0	25,168	0	24,237	72,701	22,989	145,677
2011	392	15,903	0	1,184	274	980	0	1,692	3,497	1,004	0	24,926	187	42,041	68,358	5,349	140,862
2012	1,798	23,396	0	611	280	665	0	1,796	3,331	2,492	0	34,370	109	26,786	52,081	3,903	117,249
2013	222	30,059	0	749	240	320	0	2,060	1,908	2,622	0	38,179	274	32,045	76,103	13,111	159,712
Averages:																	
1999-2000	576	11,672	0	175	507	602	0	2,701	2,157	1,528	41	19,955	123	30,300	44,847	11,020	106,244
2001-2005	197	6,122	15	171	263	240	0	358	1,019	780	11	9,174	187	9,907	13,117	4,104	36,489
2006-2010	418	15,609	32	177	273	706	69	1,295	2,699	2,033	45	23,357	166	18,310	40,768	7,732	90,267
2011-2013	804	23,119	0	848	265	655	0	1,849	2,912	2,039	0	32,492	190	33,624	65,514	7,454	139,274
All Years	443	13,424	16	309	299	527	23	1,281	2,109	1,549	24	20,003	172	20,170	37,044	6,906	84,273
% Change from:																	
1999-2012	-51.6%	145.7%	-	170.0%	-20.8%	-40.9%	-	68.1%	-10.1%	78.0%	-	104.1%	66.3%	65.8%	122.2%	102.9%	102.5%
2012	-87.7%	28.5%	-	22.6%	-14.3%	-51.9%	-	14.7%	-42.7%	5.2%	-	11.1%	151.4%	19.6%	46.1%	235.9%	36.2%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	2.9%	58.5%	0.0%	0.9%	2.5%	3.0%	0.0%	13.5%	10.8%	7.7%	0.2%	18.8%	0.1%	28.5%	42.2%	10.4%	--
2001-2005	2.1%	66.7%	0.2%	1.9%	2.9%	2.6%	0.0%	3.9%	11.1%	8.5%	0.1%	25.1%	0.5%	27.1%	35.9%	11.2%	--
2006-2010	1.8%	66.8%	0.1%	0.8%	1.2%	3.0%	0.3%	5.5%	11.6%	8.7%	0.2%	25.9%	0.2%	20.3%	45.2%	8.6%	--
2011-2013	2.5%	71.2%	0.0%	2.6%	0.8%	2.0%	0.0%	5.7%	9.0%	6.3%	0.0%	23.3%	0.1%	24.1%	47.0%	5.4%	--

Estimated (HIP) Redhead Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	1,800	4,919	0	453	582	1,338	0	2,074	4,047	1,618	0	16,831	0	99,938	61,723	3,814	182,306
2000	1,482	4,056	70	1,134	514	431	0	2,569	2,818	1,744	0	14,818	164	86,745	48,608	7,457	157,792
2001	0	4,385	0	138	400	106	0	116	2,062	4,496	0	11,704	0	93,211	52,722	7,308	164,945
2002	514	4,160	0	678	1,241	402	0	383	1,947	1,385	0	10,711	206	29,557	27,564	2,324	70,363
2003	341	8,228	0	2,451	1,056	719	0	213	7,911	1,797	49	22,765	157	34,400	34,542	5,570	97,433
2004	910	9,581	116	2,042	376	1,204	0	0	4,804	3,104	0	22,137	81	35,093	35,334	5,196	97,842
2005	382	7,834	153	1,021	856	1,800	0	577	5,910	2,097	0	20,630	251	76,684	62,051	9,291	168,908
2006	1,645	9,111	161	1,261	749	1,338	53	1,615	7,755	2,256	405	26,349	0	79,324	69,500	1,984	177,157
2007	838	9,492	178	863	517	354	344	400	4,190	1,478	304	18,957	0	84,811	63,027	7,235	174,031
2008	877	7,026	0	2,451	490	440	292	333	3,434	2,333	0	17,675	101	51,439	43,108	7,359	119,683
2009	525	6,644	279	929	325	559	260	209	4,781	3,291	50	17,850	0	82,722	59,860	12,129	169,814
2010	1,110	7,654	90	1,799	392	2,473	35	281	5,261	2,041	0	21,146	0	88,548	109,001	24,127	244,060
2011	827	14,333	0	4,441	959	2,768	0	890	7,244	1,673	0	33,135	187	122,976	155,227	9,893	321,419
2012	806	14,623	0	3,210	980	1,130	231	629	5,863	1,780	583	29,834	0	137,357	99,179	19,394	285,764
2013	964	7,742	219	2,496	360	640	0	0	2,510	2,850	461	18,242	0	134,459	121,598	35,902	310,201
Averages:																	
1999-2000	1,641	4,488	35	794	548	885	0	2,322	3,433	1,681	0	15,825	82	93,342	55,166	5,636	170,049
2001-2005	429	6,838	54	1,266	786	846	0	258	4,527	2,576	10	17,589	139	53,789	42,443	5,938	119,898
2006-2010	999	7,985	142	1,461	495	1,033	197	568	5,084	2,280	152	20,395	20	77,369	68,899	10,567	176,949
2011-2013	866	12,233	73	3,382	766	1,513	77	506	5,206	2,101	348	27,070	62	131,597	125,335	21,730	305,795
All Years	868	7,986	84	1,691	653	1,047	81	686	4,702	2,263	123	20,186	76	82,484	69,536	10,599	182,781
% Change from:																	
1999-2012	11.9%	-3.3%	192.8%	52.8%	-46.6%	-40.5%	-	-	-48.3%	28.3%	364.0%	-10.2%	-	70.7%	84.8%	308.4%	78.6%
2012	19.6%	-47.1%	-	-22.2%	-63.3%	-43.4%	-	-	-57.2%	60.1%	-20.9%	-38.9%	-	-2.1%	22.6%	85.1%	8.6%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	10.4%	28.4%	0.2%	5.0%	3.5%	5.6%	0.0%	14.7%	21.7%	10.6%	0.0%	9.3%	0.0%	54.9%	32.4%	3.3%	--
2001-2005	2.4%	38.9%	0.3%	7.2%	4.5%	4.8%	0.0%	1.5%	25.7%	14.6%	0.1%	14.7%	0.1%	44.9%	35.4%	5.0%	--
2006-2010	4.9%	39.2%	0.7%	7.2%	2.4%	5.1%	1.0%	2.8%	24.9%	11.2%	0.7%	11.5%	0.0%	43.7%	38.9%	6.0%	--
2011-2013	3.2%	45.2%	0.3%	12.5%	2.8%	5.6%	0.3%	1.9%	19.2%	7.8%	1.3%	8.9%	0.0%	43.0%	41.0%	7.1%	--

Estimated (HIP) Ring-necked Duck Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	5,625	17,750	163	1,057	166	873	35	8,784	985	10,147	174	45,759	1,281	94,044	264,504	147,511	553,100
2000	4,445	11,334	1,120	1,221	343	431	0	7,322	1,000	6,478	0	33,694	573	108,912	257,504	95,470	496,154
2001	2,570	17,867	354	1,175	481	345	116	4,886	1,890	8,362	0	38,044	463	79,473	230,667	89,887	438,534
2002	3,133	16,134	376	1,054	689	626	237	4,794	1,168	6,510	0	34,721	1,239	73,501	239,065	96,626	445,152
2003	2,983	15,502	256	545	352	671	129	5,973	2,307	6,591	0	35,308	1,018	62,466	230,202	112,806	441,800
2004	2,891	31,356	695	3,305	470	695	97	6,580	2,252	8,138	95	56,574	1,776	67,115	233,979	74,349	433,794
2005	6,191	16,731	840	2,425	970	1,111	37	6,446	3,039	10,677	109	48,576	1,153	76,343	240,090	109,021	475,184
2006	4,760	24,501	1,694	1,787	499	1,338	0	21,169	1,551	12,459	405	70,164	1,100	87,114	353,705	144,491	656,574
2007	2,931	35,923	534	1,334	604	768	573	10,127	1,862	10,068	61	64,784	858	76,196	241,239	120,756	503,833
2008	1,597	25,295	0	1,593	784	831	365	12,640	1,373	5,445	0	49,922	505	67,091	251,356	131,811	500,686
2009	2,676	17,659	1,255	1,725	650	503	212	4,522	2,019	5,560	199	36,980	1,044	71,245	186,243	116,445	409,651
2010	2,103	36,930	720	1,420	392	716	71	10,847	3,845	3,331	0	60,390	757	67,869	268,407	94,349	491,063
2011	1,958	17,867	1,582	3,849	411	519	0	8,637	3,997	6,861	0	45,680	562	86,517	260,061	152,132	544,952
2012	3,844	26,077	400	4,891	1,120	1,395	0	8,172	11,593	9,256	583	67,331	543	79,329	3,246,588	179,582	651,443
2013	2,521	20,343	1,640	3,494	600	693	0	6,033	3,113	7,638	92	46,167	480	66,950	240,898	143,503	497,997
Averages:																	
1999-2000	5,035	14,542	642	1,139	255	652	18	8,053	993	8,313	87	39,727	927	101,478	261,004	121,491	524,627
2001-2005	3,554	19,518	504	1,701	592	690	123	5,736	2,131	8,056	41	42,645	1,130	71,780	234,801	96,538	446,893
2006-2010	2,813	28,062	841	1,572	586	831	244	11,861	2,130	7,373	133	56,448	853	73,903	260,190	121,570	512,361
2011-2013	2,774	21,429	1,207	4,078	710	869	0	7,614	6,234	7,918	225	53,059	528	77,599	1,249,182	158,406	564,797
All Years	3,349	22,085	775	2,058	569	768	125	8,462	2,800	7,835	115	48,940	890	77,611	449,634	120,583	502,661
% Change from:																	
1999-2012	-26.0%	-8.4%	129.9%	78.6%	5.9%	-10.3%	-	-30.1%	12.1%	-2.7%	-20.8%	-6.0%	-47.8%	-14.6%	-48.1%	20.6%	-1.0%
2012	-34.4%	-22.0%	310.0%	-28.6%	-46.4%	-50.3%	-	-26.2%	-73.1%	-17.5%	-84.2%	-31.4%	-11.6%	-15.6%	-92.6%	-20.1%	-23.6%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	12.7%	36.6%	1.6%	2.9%	0.6%	1.6%	0.0%	20.3%	2.5%	20.9%	0.2%	7.6%	0.2%	19.3%	49.8%	23.2%	--
2001-2005	8.3%	45.8%	1.2%	4.0%	1.4%	1.6%	0.3%	13.5%	5.0%	18.9%	0.1%	9.5%	0.3%	16.1%	52.5%	21.6%	--
2006-2010	5.0%	49.7%	1.5%	2.8%	1.0%	1.5%	0.4%	21.0%	3.8%	13.1%	0.2%	11.0%	0.2%	14.4%	50.8%	23.7%	--
2011-2013	5.2%	40.4%	2.3%	7.7%	1.3%	1.6%	0.0%	14.3%	11.7%	14.9%	0.4%	9.4%	0.1%	13.7%	221.2%	28.0%	--

Estimated (HIP) Lesser Scaup Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	113	9,624	0	463	748	0	0	7,930	3,282	6,470	0	28,620	641	37,744	80,808	64,263	212,075
2000	185	12,646	210	872	2,399	129	0	8,222	2,091	3,862	0	30,616	737	83,331	184,008	32,331	331,022
2001		13,921	0	276	2,323	80	0	5,467	1,633	5,845	0	29,758	463	71,917	170,824	111,237	384,200
2002	514	11,872	94	828	2,343	268	0	8,533	3,505	3,601	0	31,559	1,307	87,438	182,132	85,457	387,893
2003	213	12,998	0	1,634	704	240	43	6,969	10,054	5,317	0	38,171	861	45,008	145,607	60,939	290,587
2004	268	25,956	116	2,430	1,316	232	0	7,934	2,552	10,655	0	51,459	888	66,799	108,534	54,891	282,571
2005	688	8,366	76	3,190	970	153	0	5,772	3,799	5,053	0	28,067	1,404	54,442	111,357	63,698	258,968
2006	87	4,679	81	1,787	499	84	0	10,764	3,826	12,165	203	34,173	550	50,948	101,219	46,619	233,508
2007	419	18,400	178	706	690	236	286	15,724	4,966	9,606	182	51,393	613	40,662	84,791	46,594	224,053
2008	227	14,454	0	858	392	195	0	5,322	2,649	3,014	0	27,111	303	29,015	97,340	25,791	179,561
2009	1,732	13,113	0	265	433	168	330	5,078	2,125	6,922	50	30,216	392	44,953	111,522	35,908	222,066
2010	234	9,376	0	757	196	260	0	5,236	3,440	3,653	0	23,171	605	39,557	157,274	67,005	287,888
2011	566	7,657	365	1,332	411	115	0	3,740	1,998	5,857	0	22,041	750	43,537	114,903	46,195	227,427
2012	1,488	32,901	0	2,446	1,820	465	77	8,262	4,264	10,857	0	62,580	217	110,847	307,579	153,057	634,281
2013	1,335	18,217	984	3,744	240	107	0	3,973	4,418	7,524	0	40,541	822	46,632	97,873	60,416	246,285
Averages:																	
1999-2000	149	11,135	105	663	1,574	65	0	8,076	2,687	5,166	0	29,618	689	60,538	132,408	48,297	271,549
2001-2005	379	14,623	57	1,672	1,531	195	9	6,935	4,309	6,094	0	35,803	985	65,121	143,691	75,244	320,844
2006-2010	540	12,004	52	875	442	189	123	8,425	3,401	7,072	87	33,213	493	41,027	110,429	44,383	229,415
2011-2013	1,130	19,592	450	2,507	824	229	26	5,325	3,560	8,079	0	41,721	596	67,005	173,452	86,556	369,331
All Years	552	14,279	140	1,439	1,032	182	49	7,262	3,640	6,693	29	35,298	704	56,855	137,051	63,627	293,492
% Change from:																	
1999-2012	169.0%	30.1%	1130.0%	193.9%	-78.0%	-42.9%	-	-47.0%	23.3%	13.4%	-	16.1%	18.3%	-19.0%	-30.0%	-5.4%	-17.0%
2012	-10.3%	-44.6%	-	53.1%	-86.8%	-77.0%	-	-51.9%	3.6%	-30.7%	-	-35.2%	278.8%	-57.9%	-68.2%	-60.5%	-61.2%
% Flyway Harvest:												% U.S. Harvest:	% U.S. Harvest:				
1999-2000	0.5%	37.6%	0.4%	2.2%	5.3%	0.2%	0.0%	27.3%	9.1%	17.4%	0.0%	10.9%	0.3%	22.3%	48.8%	17.8%	--
2001-2005	1.1%	40.8%	0.2%	4.7%	4.3%	0.5%	0.0%	19.4%	12.0%	17.0%	0.0%	11.2%	0.3%	20.3%	44.8%	23.5%	--
2006-2010	1.6%	36.1%	0.2%	2.6%	1.3%	0.6%	0.4%	25.4%	10.2%	21.3%	0.3%	14.5%	0.2%	17.9%	48.1%	19.3%	--
2011-2013	2.7%	47.0%	1.1%	6.0%	2.0%	0.5%	0.1%	12.8%	8.5%	19.4%	0.0%	11.3%	0.2%	18.1%	47.0%	23.4%	--

Estimated (HIP) Greater Scaup Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	2,780	0	302	0	0	0	14,518	328	1,029	0	18,958	400	2,803	9,272	8,305	39,739
2000	0	2,983	70	87	171	0	0	12,204	182	3,114	0	18,811	573	2,446	19,085	12,850	53,766
2001	0	6,248	0	0	0	0	0	4,188	344	4,586	0	15,365	371	1,802	8,603	8,505	34,646
2002	0	4,262	0	452	69	89	0	8,533	243	5,541	44	19,232	757	3,740	29,228	17,639	70,596
2003	85	4,412	0	136	0	96	0	6,187	82	4,419	0	15,417	705	1,257	13,032	17,344	47,754
2004	161	10,278	116	389	47	0	0	5,677	450	5,034	0	22,151	807	3,667	28,056	16,837	71,518
2005	76	2,789	0	255	57	0	0	4,137	422	3,909	0	11,645	802	2,518	24,812	18,237	58,014
2006	0	862	0	105	166	0	0	6,458	207	4,709	68	12,575	550	2,678	21,454	10,523	47,780
2007	42	4,819	0	549	0	0	0	22,787	310	3,510	122	32,139	613	2,963	21,964	13,154	70,833
2008	97	1,606	0	368	98	0	0	6,320	0	2,722	0	11,211	303	2,656	24,649	10,646	49,465
2009	157	4,196	139	1,061	0	0	24	5,009	106	4,993	0	15,686	587	1,505	24,567	12,794	55,139
2010	0	4,592	0	663	0	0	0	6,452	202	6,554	0	18,495	2,421	1,573	23,691	23,535	69,782
2011	44	393	0	1,628	0	0	0	6,589	0	6,526	0	15,180	844	3,455	33,680	6,265	59,423
2012	124	12,673	100	917	0	66	0	11,854	400	9,434	0	35,568	326	1,807	40,968	19,231	97,900
2013	74	1,974	109	624	0	53	0	1,545	100	1,710	0	6,190	343	3,401	49,064	23,227	82,224
Averages:																	
1999-2000	0	2,882	35	195	86	0	0	13,361	255	2,072	0	18,885	487	2,625	14,179	10,578	46,753
2001-2005	64	5,598	23	246	35	37	0	5,744	308	4,698	9	16,762	688	2,597	20,746	15,712	56,506
2006-2010	59	3,215	28	549	53	0	5	9,405	165	4,498	38	18,021	895	2,275	23,265	14,130	58,600
2011-2013	81	5,013	70	1,056	0	40	0	6,663	167	5,890	0	18,979	504	2,888	41,237	16,241	79,849
All Years	57	4,324	36	502	41	20	2	8,164	225	4,519	16	17,908	693	2,551	24,808	14,606	60,572
% Change from:																	
1999-2012	31.8%	-56.1%	259.1%	26.4%	-	195.6%	-	-82.1%	-57.3%	-63.8%	-	-67.0%	-52.3%	36.5%	112.6%	66.0%	39.3%
2012	-40.3%	-84.4%	9.0%	-32.0%	-	-19.7%	-	-87.0%	-75.0%	-81.9%	-	-82.6%	5.2%	88.2%	19.8%	20.8%	-16.0%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	0.0%	15.3%	0.2%	1.0%	0.5%	0.0%	0.0%	70.8%	1.4%	11.0%	0.0%	40.4%	1.0%	5.6%	30.3%	22.6%	--
2001-2005	0.4%	33.4%	0.1%	1.5%	0.2%	0.2%	0.0%	34.3%	1.8%	28.0%	0.1%	29.7%	1.2%	4.6%	36.7%	27.8%	--
2006-2010	0.3%	17.8%	0.2%	3.0%	0.3%	0.0%	0.0%	52.2%	0.9%	25.0%	0.2%	30.8%	1.5%	3.9%	39.7%	24.1%	--
2011-2013	0.4%	26.4%	0.4%	5.6%	0.0%	0.2%	0.0%	35.1%	0.9%	31.0%	0.0%	23.8%	0.6%	3.6%	51.6%	20.3%	--

Estimated (HIP) Bufflehead Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	1,800	5,026	0	1,359	249	407	35	7,930	328	12,794	87	30,016	481	12,129	96,367	61,312	200,305
2000	1,111	4,176	140	174	171	172	0	8,222	727	4,734	0	19,628	983	13,386	48,726	48,332	131,055
2001	749	5,371	0	138	160	451	0	9,655	1,976	9,351	0	27,852	1,019	14,275	61,896	40,392	145,435
2002	1,284	7,509	94	2,109	620	760	0	8,149	2,190	3,809	0	26,525	1,376	11,130	79,260	60,774	179,065
2003	256	9,897	0	1,089	302	431	43	9,600	6,181	8,163	0	35,962	705	9,564	75,904	54,571	176,706
2004	107	15,852	116	1,847	470	278	0	14,578	1,727	8,977	0	43,952	1,615	13,436	59,789	52,265	171,058
2005	688	7,170	0	510	171	536	37	5,388	4,306	7,531	490	26,827	2,407	14,514	42,024	55,941	141,713
2006	779	7,387	0	1,156	250	195	0	14,172	2,068	8,731	405	35,144	894	15,509	78,889	60,927	191,362
2007	1,256	12,851	0	863	345	502	0	15,458	3,724	7,112	851	42,962	1,226	13,576	60,383	79,340	197,487
2008	909	12,246	0	2,451	196	440	0	16,964	2,256	6,222	36	41,720	1,010	14,459	101,118	84,702	243,010
2009	2,519	12,589	139	2,653	433	670	47	8,904	1,487	4,993	50	34,485	1,109	22,552	91,175	84,532	231,902
2010	526	9,185	0	4,165	392	781	0	4,582	1,012	4,298	278	25,239	1,665	16,790	79,651	76,125	199,466
2011	1,001	6,675	365	7,402	548	115	0	9,082	749	8,367	0	34,305	2,156	26,060	78,145	74,295	214,960
2012	868	13,160	0	4,586	140	266	0	10,866	2,265	16,909	0	49,060	977	13,703	67,418	115,572	246,730
2013	964	12,752	0	3,994	840	213	0	3,531	2,309	8,549	92	33,246	1,987	15,426	88,370	84,955	223,984
Averages:																	
1999-2000	1,456	4,601	70	767	210	290	18	8,076	528	8,764	44	24,822	732	12,758	72,547	54,822	165,680
2001-2005	617	9,160	42	1,139	345	491	16	9,474	3,276	7,566	98	32,224	1,424	12,584	63,775	52,789	162,795
2006-2010	1,198	10,852	28	2,258	323	518	9	12,016	2,109	6,271	324	35,910	1,181	16,577	82,243	77,125	212,645
2011-2013	944	10,862	122	5,327	509	198	0	7,826	1,774	11,275	31	38,870	1,707	18,396	77,978	91,607	228,558
All Years	988	9,456	57	2,300	352	414	11	9,805	2,220	8,036	153	33,795	1,307	15,101	73,941	68,936	192,949
% Change from:																	
1999-2012	-2.6%	38.3%	-	83.3%	164.4%	-50.3%	-	-65.6%	4.3%	6.9%	-41.4%	-1.7%	57.9%	2.3%	21.2%	25.3%	17.4%
2012	11.1%	-3.1%	-	-12.9%	500.0%	-19.9%	-	-67.5%	1.9%	-49.4%	-	-32.2%	103.4%	12.6%	31.1%	-26.5%	-9.2%
% Flyway Harvest:												% U.S. Harvest:	% U.S. Harvest:				
1999-2000	5.9%	18.5%	0.3%	3.1%	0.8%	1.2%	0.1%	32.5%	2.1%	35.3%	0.2%	15.0%	0.4%	7.7%	43.8%	33.1%	--
2001-2005	1.9%	28.4%	0.1%	3.5%	1.1%	1.5%	0.0%	29.4%	10.2%	23.5%	0.3%	19.8%	0.9%	7.7%	39.2%	32.4%	--
2006-2010	3.3%	30.2%	0.1%	6.3%	0.9%	1.4%	0.0%	33.5%	5.9%	17.5%	0.9%	16.9%	0.6%	7.8%	38.7%	36.3%	--
2011-2013	2.4%	27.9%	0.3%	13.7%	1.3%	0.5%	0.0%	20.1%	4.6%	29.0%	0.1%	17.0%	0.7%	8.0%	34.1%	40.1%	--

Estimated (HIP) Ruddy Duck Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	338	3,743	0	0	333	6,109	0	610	328	147	0	11,607	0	7,409	16,403	29,188	64,607
2000	0	1,193	0	174	257	259	0	128	727	125	0	2,863	0	5,906	6,418	11,029	26,217
2001	0	2,302	0	138	80	663	0	116	2,062	90	0	5,452	0	4,073	4,609	7,206	21,339
2002	154	1,725	0	301	138	268	0	0	292	0	0	2,879	0	2,020	4,479	7,288	16,665
2003	426	2,743	0	272	201	383	0	213	1,319	75	0	5,632	0	1,748	10,943	2,474	20,797
2004	161	3,484	0	194	188	93	0	258	1,802	168	0	6,347	81	2,009	5,227	4,307	17,971
2005	306	2,257	0	255	0	575	0	481	1,773	95	0	5,742	0	2,489	4,235	11,709	24,175
2006	260	3,571	0	0	83	111	0	718	2,378	294	0	7,415	0	4,918	20,250	7,026	39,609
2007	1,005	2,921	0	0	259	325	0	400	698	462	61	6,130	0	3,837	10,891	8,679	29,538
2008	357	3,814	0	123	0	98	0	0	294	194	0	4,880	0	2,485	10,970	11,860	30,195
2009	1,050	4,196	0	133	325	56	0	139	637	0	0	6,536	0	7,268	12,243	9,275	34,904
2010	993	12,438	0	0	0	325	0	187	3,035	0	69	17,048	0	8,105	8,366	21,427	55,268
2011	566	6,283	0	0	0	750	0	623	999	167	61	9,449	0	10,050	21,717	5,531	46,746
2012	1,302	5,362	0	0	980	199	0	359	2,532	0	0	10,734	0	5,311	20,443	14,397	50,885
2013	742	12,904	0	374	0	160	0	368	1,004	114	0	15,666	0	7,332	8,933	14,353	46,285
Averages:																	
1999-2000	169	2,468	0	87	295	3,184	0	369	528	136	0	7,235	0	6,658	11,411	20,109	45,412
2001-2005	209	2,502	0	232	121	396	0	214	1,450	86	0	5,210	16	2,468	5,899	6,597	20,189
2006-2010	733	5,388	0	51	133	183	0	289	1,408	190	26	8,402	0	5,323	12,544	11,653	37,903
2011-2013	870	8,183	0	125	327	370	0	450	1,512	94	20	11,950	0	7,564	17,031	11,427	47,972
All Years	511	4,596	0	131	190	692	0	307	1,325	129	13	7,892	5	4,997	11,075	11,050	35,013
% Change from:																	
1999-2012	50.2%	222.4%	-	229.3%	-	-78.1%	-	21.7%	-25.5%	-12.2%	-	113.5%	-	51.8%	-20.4%	32.7%	35.3%
2012	-43.0%	140.7%	-	-	-	-19.6%	-	2.5%	-60.3%	-	-	45.9%	-	38.1%	-56.3%	-0.3%	-9.0%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	2.3%	34.1%	0.0%	1.2%	4.1%	44.0%	0.0%	5.1%	7.3%	1.9%	0.0%	15.9%	0.0%	14.7%	25.1%	44.3%	--
2001-2005	4.0%	48.0%	0.0%	4.5%	2.3%	7.6%	0.0%	4.1%	27.8%	1.6%	0.0%	25.8%	0.1%	12.2%	29.2%	32.7%	--
2006-2010	8.7%	64.1%	0.0%	0.6%	1.6%	2.2%	0.0%	3.4%	16.8%	2.3%	0.3%	22.2%	0.0%	14.0%	33.1%	30.7%	--
2011-2013	7.3%	68.5%	0.0%	1.0%	2.7%	3.1%	0.0%	3.8%	12.7%	0.8%	0.2%	24.9%	0.0%	15.8%	35.5%	23.8%	--

Estimated (HIP) Common Goldeneye Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	113	1,818	488	1,813	1,746	175	0	732	2,407	4,706	697	14,692	721	2,959	22,587	9,690	50,649
2000	185	3,698	280	2,879	2,313	43	0	1,413	4,909	1,744	0	17,464	1,638	8,080	18,055	11,481	56,718
2001	107	4,165	71	553	1,121	239	0	1,978	2,406	1,978	0	12,618	463	6,118	23,406	6,014	48,619
2002	616	2,537	188	10,015	4,342	402	0	863	9,054	2,078	0	30,095	2,683	8,343	35,658	12,156	88,936
2003	341	3,935	895	4,629	2,161	431	43	1,138	24,641	2,621	0	40,835	1,096	11,678	28,299	13,439	95,348
2004	642	4,703	1,159	5,055	1,222	556	0	1,097	5,405	3,608	0	23,447	1,696	7,888	30,290	13,036	76,357
2005	306	3,585	153	4,594	1,369	115	334	770	6,669	5,911	381	24,186	1,755	3,326	23,420	18,760	71,448
2006	87	3,201	807	9,670	2,081	223	107	5,203	4,963	7,946	1,148	35,435	1,031	7,792	19,622	12,542	76,421
2007	251	5,841	1,512	7,611	776	325	0	3,998	2,793	4,341	425	27,873	1,226	8,093	26,478	14,739	78,409
2008	1,039	3,413	411	7,965	784	440	110	3,493	5,396	2,819	503	26,372	404	4,985	29,540	15,762	77,064
2009	1,889	8,393	1,813	9,551	1,733	391	401	3,200	2,019	3,518	2,190	35,097	1,044	7,516	30,017	12,747	84,342
2010	58	4,401	2,069	3,881	2,158	130	35	935	3,642	2,256	0	19,577	1,059	10,887	33,577	14,424	77,704
2011	566	6,479	1,946	9,919	2,192	58	0	1,336	2,248	4,685	0	29,429	1,312	9,221	39,306	12,463	91,731
2012	372	4,630	0	6,420	3,780	133	77	988	800	7,298	0	24,497	1,411	12,153	26,055	12,687	76,804
2013	742	677	1,203	15,351	3,121	213	161	145	5,322	920	92	27,946	1,370	8,377	29,593	14,689	81,976
Averages:																	
1999-2000	149	2,758	384	2,346	2,030	109	0	1,073	3,658	3,225	349	16,078	1,180	5,520	20,321	10,586	53,684
2001-2005	402	3,785	493	4,969	2,043	349	75	1,169	9,635	3,239	76	26,236	1,539	7,471	28,215	12,681	76,142
2006-2010	665	5,050	1,322	7,736	1,506	302	131	3,366	3,763	4,176	853	28,871	953	7,855	27,847	14,043	78,788
2011-2013	560	3,929	1,050	10,563	3,031	135	79	823	2,790	4,301	31	27,291	1,364	9,917	31,651	13,280	83,504
All Years	488	4,098	866	6,660	2,060	258	85	1,819	5,512	3,762	362	25,971	1,261	7,828	27,727	12,975	75,502
% Change from:																	
1999-2012	58.1%	-84.4%	42.8%	154.2%	57.3%	-18.6%	103.6%	-92.5%	-3.7%	-76.8%	-75.9%	8.2%	9.4%	7.6%	7.2%	14.3%	9.2%
2012	99.5%	-85.4%	-	139.1%	-17.4%	60.2%	109.1%	-85.3%	565.3%	-87.4%	-	14.1%	-2.9%	-31.1%	13.6%	15.8%	6.7%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.9%	17.2%	2.4%	14.6%	12.6%	0.7%	0.0%	6.7%	22.8%	20.1%	2.2%	29.9%	2.2%	10.3%	37.9%	19.7%	--
2001-2005	1.5%	14.4%	1.9%	18.9%	7.8%	1.3%	0.3%	4.5%	36.7%	12.3%	0.3%	34.5%	2.0%	9.8%	37.1%	16.7%	--
2006-2010	2.3%	17.5%	4.6%	26.8%	5.2%	1.0%	0.5%	11.7%	13.0%	14.5%	3.0%	36.6%	1.2%	10.0%	35.3%	17.8%	--
2011-2013	2.1%	14.4%	3.8%	38.7%	11.1%	0.5%	0.3%	3.0%	10.2%	15.8%	0.1%	32.7%	1.6%	11.9%	37.9%	15.9%	--

Estimated (HIP) Barrow's Goldeneye Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	107	0	302	83	58	0	122	219	1,176	87	2,155	1,682	249	0	0	4,086
2000	0	239	70	960	1,028	0	0	771	909	374	0	4,350	1,720	70	0	58	6,198
2001	0	219	0	415	0	27	0	0	430	539	0	1,629	649	357	0	83	2,718
2002	0	101	0	452	620	0	0	0	341	277	0	1,791	2,477	44	0	27	4,339
2003	0	119	0	0	151	48	0	427	165	524	0	1,434	3,837	99	0	0	5,369
2004	0	0	0	875	282	0	0	194	525	1,258	0	3,134	1,938	0	0	0	5,072
2005	0	0	0	1,021	171	0	0	1,058	253	1,239	218	3,961	1,153	54	0	78	5,247
2006	0	0	0	736	832	0	0	538	0	981	473	3,560	962	68	285	201	5,075
2007	0	292	0	157	517	30	0	400	0	924	0	2,319	1,471	122	0	0	3,912
2008	32	0	0	3,063	392	0	0	1,164	98	194	0	4,945	4,243	36	0	123	9,348
2009	52	699	0	929	108	0	0	278	106	227	50	2,450	1,631	100	0	170	4,302
2010	0	0	90	189	0	0	0	655	0	322	0	1,258	1,665	90	0	221	3,142
2011	0	196	122	1,184	274	0	0	890	500	1,004	0	4,170	1,406	667	0	11	6,254
2012	0	0	0	459	140	0	0	269	133	1,246	0	2,247	2,171	1,555	0	0	5,972
2013	148	66	0	749	0	0	0	10	0	184	0	1,156	1,576	1,937	0	0	4,669
Averages:																	
1999-2000	0	173	35	631	556	29	0	447	564	775	44	3,253	1,701	160	0	29	5,142
2001-2005	0	88	0	553	245	15	0	336	343	767	44	2,390	2,011	111	0	38	4,549
2006-2010	17	198	18	1,015	370	6	0	607	41	530	105	2,906	1,994	83	57	143	5,156
2011-2013	49	87	41	797	138	0	0	390	211	811	0	2,524	1,718	1,386	0	4	5,632
All Years	15	136	19	766	307	11	0	452	245	698	55	2,704	1,905	363	19	65	5,047
% Change from:																	
1999-2012	2366.7%	-53.1%	-	-2.4%	-	-	-	-97.9%	-	-75.0%	-	-58.9%	-18.3%	672.4%	-	-	-8.0%
2012	-	-	-	63.2%	-	-	-	-96.3%	-	-85.2%	-	-48.6%	-27.4%	24.6%	-	-	-21.8%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	0.0%	5.3%	1.1%	19.4%	17.1%	0.9%	0.0%	13.7%	17.3%	23.8%	1.3%	63.3%	33.1%	3.1%	0.0%	0.6%	--
2001-2005	0.0%	3.7%	0.0%	23.1%	10.2%	0.6%	0.0%	14.1%	14.3%	32.1%	1.8%	52.5%	44.2%	2.4%	0.0%	0.8%	--
2006-2010	0.6%	6.8%	0.6%	34.9%	12.7%	0.2%	0.0%	20.9%	1.4%	18.2%	3.6%	56.4%	38.7%	1.6%	1.1%	2.8%	--
2011-2013	2.0%	3.5%	1.6%	31.6%	5.5%	0.0%	0.0%	15.4%	8.4%	32.1%	0.0%	44.8%	30.5%	24.6%	0.0%	0.1%	--

Estimated (HIP) Surf Scoter Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	107	0	0	0	0	0	244	0	294	0	645	2,132	182	3,029	8,633	14,620
2000	0	119	0	0	0	0	0	128	0	997	0	1,244	2,450	70	271	12,798	16,833
2001	0	219	0	0	0	0	0	0	0	1,259	0	1,478	0	80	332	15,044	16,934
2002	0	0	0	75	0	45	0	479	49	2,078	0	2,726	0	120	949	14,513	18,308
2003	43	119	0	0	0	0	0	71	0	150	0	383	0	173	1,145	38,507	40,209
2004	0	523	2004	0	0	0	0	452	0	1,594	0	2,568	618	117	520	30,820	34,643
2005	0	398	0	0	0	0	0	481	84	2,097	0	3,061	1,211	0	1,591	21,057	26,920
2006	0	123	0	0	0	0	0	200	0	1,766	0	2,089	215	83	566	29,078	32,032
2007	0	1,314	89	0	86	30	0	171	0	2,032	0	3,722	2,375	182	1,691	29,033	37,003
2008	0	1,400	0	0	0	0	0	100	0	2,722	0	4,222	6,477	0	367	29,316	40,382
2009	0	900	0	0	0	0	0	225	106	4,425	0	5,656	592	113	1,647	25,915	33,924
2010	0	5,092	0	0	0	0	0	208	0	1,182	0	6,487	1,196	129	1,407	13,462	22,676
2011	0	306	0	0	0	0	0	180	0	4,351	0	4,837	1,492	0	1,607	27,740	35,675
2012	0	683	0	0	0	133	0	221	0	3,204	0	4,240	5,023	283	1,220	24,942	35,709
2013	0	197	0	0	0	0	0	10	100	391	0	698	2,510	0	1,350	12,294	16,852
Averages:																	
1999-2000	0	113	0	0	0	0	0	186	0	646	0	945	2,291	126	1,650	10,716	15,727
2001-2005	9	252	0	15	0	9	0	297	27	1,436	0	2,043	366	98	907	23,988	27,403
2006-2010	0	1,766	18	0	17	6	0	181	21	2,425	0	4,435	2,171	101	1,136	25,361	33,203
2011-2013	0	395	0	0	0	44	0	137	33	2,649	0	3,258	3,008	94	1,392	21,659	29,412
All Years	3	767	6	5	6	14	0	211	23	1,903	0	2,937	1,753	102	1,179	22,210	28,181
% Change from:																	
1999-2012	-	-75.6%	-	-	-	-	-	-95.6%	-	-80.6%	-	-77.5%	47.8%	-	15.7%	-46.4%	-41.9%
2012	-	-71.2%	-	-	-	-	-	-95.5%	-	-87.8%	-	-83.5%	-50.0%	-	10.7%	-50.7%	-52.8%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.0%	12.0%	0.0%	0.0%	0.0%	0.0%	0.0%	19.7%	0.0%	68.3%	0.0%	6.0%	14.6%	0.8%	10.5%	68.1%	--
2001-2005	0.4%	12.3%	0.0%	0.7%	0.0%	0.4%	0.0%	14.5%	1.3%	70.3%	0.0%	7.5%	1.3%	0.4%	3.3%	87.5%	--
2006-2010	0.0%	39.8%	0.4%	0.0%	0.4%	0.1%	0.0%	4.1%	0.5%	54.7%	0.0%	13.4%	6.5%	0.3%	3.4%	76.4%	--
2011-2013	0.0%	12.1%	0.0%	0.0%	0.0%	1.4%	0.0%	4.2%	1.0%	81.3%	0.0%	11.1%	10.2%	0.3%	4.7%	73.6%	--

Estimated (HIP) White-winged Scoter Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	0	0	0	0	0	0	0	0	294	0	294	834	182	0	2,044	3,354
2000	0	0	0	0	0	0	0	0	0	0	0	0	1,225	86	0	4,611	5,922
2001	0	110	0	0	0	0	0	0	0	360	0	469	2,900	0	1,529	7,665	12,563
2002	0	0	0	0	0	0	0	0	0	831	0	831	0	212	813	6,257	8,113
2003	0	0	0	0	0	0	0	0	0	599	0	599	1,622	159	1,903	6,822	11,106
2004	0	0	0	0	0	0	0	0	0	671	0	671	124	0	2,877	6,058	9,730
2005	0	0	0	0	0	0	0	0	0	286	0	286	1,140	113	793	4,215	6,547
2006	0	0	0	0	0	0	0	0	103	392	0	496	2,369	0	697	8,725	12,288
2007	0	146	0	0	0	0	0	29	0	739	0	914	1,583	0	1,218	4,294	8,010
2008	0	0	0	0	0	0	0	0	0	1,653	0	1,653	0	0	336	5,643	7,632
2009	0	0	0	0	0	0	0	75	0	3,858	0	3,933	0	172	1,777	2,860	8,742
2010	0	0	0	0	0	0	0	104	0	215	0	320	598	0	1,118	5,359	7,393
2011	0	0	0	0	0	58	0	90	0	3,347	0	3,494	746	0	3,965	3,575	11,780
2012	0	0	0	0	0	0	0	0	0	178	0	178	0	181	2,362	1,841	4,561
2013	0	22	0	125	0	0	0	0	0	46	0	193	0	0	1,482	5,434	7,109
Averages:																	
1999-2000	0	0	0	0	0	0	0	0	0	147	0	147	1,030	134	0	3,328	4,638
2001-2005	0	22	0	0	0	0	0	0	0	549	0	571	1,157	97	1,583	6,203	9,612
2006-2010	0	29	0	0	0	0	0	42	21	1,371	0	1,463	910	34	1,029	5,376	8,813
2011-2013	0	7	0	42	0	19	0	30	0	1,190	0	1,288	249	60	2,603	3,617	7,817
All Years	0	19	0	8	0	4	0	20	7	898	0	955	876	74	1,391	5,027	8,323
% Change from:																	
1999-2012	-	20.3%	-	-	-	-	-	-	-	-95.2%	-	-80.9%	-	-	7.0%	8.7%	-15.5%
2012	-	-	-	-	-	-	-	-	-	-74.2%	-	8.4%	-	-	-37.3%	195.2%	55.9%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	3.2%	22.2%	2.9%	0.0%	71.7%	--
2001-2005	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	96.2%	0.0%	5.9%	12.0%	1.0%	16.5%	64.5%	--
2006-2010	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	1.4%	93.7%	0.0%	16.6%	10.3%	0.4%	11.7%	61.0%	--
2011-2013	0.0%	0.6%	0.0%	3.2%	0.0%	1.5%	0.0%	2.3%	0.0%	92.4%	0.0%	16.5%	3.2%	0.8%	33.3%	46.3%	--

Estimated (HIP) Black Scoter Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	0	0	0	0	0	0	0	0	0	0	0	741	195	1,114	6,815	8,866
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,051	4,651	5,702
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	865	3,691	4,556
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	785	8,523	9,308
2003	0	0	0	0	0	0	0	0	0	0	0	0	811	0	1,779	17,845	20,435
2004	0	0	0	0	0	0	0	0	0	0	0	0	1,360	126	889	11,425	13,800
2005	0	0	0	0	0	0	0	0	0	0	0	0	1,140	0	2,537	16,853	20,530
2006	0	0	0	0	0	0	0	0	0	0	0	0	215	311	619	8,498	9,644
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	127	1,529	7,466	9,122
2008	0	0	0	0	0	0	0	0	0	194	0	194	0	0	883	5,172	6,249
2009	0	0	0	0	0	0	0	0	0	0	0	0	1,183	331	176	7,923	9,613
2010	0	0	0	0	0	0	0	0	0	0	0	0	598	0	611	14,902	16,111
2011	0	0	0	0	0	0	0	0	0	167	0	167	0	0	442	14,022	14,632
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	407	11,635	12,042
2013	0	87	0	0	0	0	0	0	0	0	0	87	2,092	0	260	21,219	23,658
Averages:																	
1999-2000	0	0	0	0	0	0	0	0	0	0	0	0	371	98	1,083	5,733	7,284
2001-2005	0	0	0	0	0	0	0	0	0	0	0	0	662	25	1,371	11,667	13,726
2006-2010	0	0	0	0	0	0	0	0	0	39	0	39	399	154	764	8,792	10,148
2011-2013	0	29	0	0	0	0	0	0	0	56	0	85	697	0	370	15,625	16,777
All Years	0	6	0	0	0	0	0	0	0	24	0	30	543	73	930	10,709	12,285
% Change from:																	
1999-2012	-	-	-	-	-	-	-	-	-	-	-	237.4%	384.3%	-	-73.4%	113.1%	106.2%
2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-36.1%	82.4%	96.5%
% Flyway Harvest:												% U.S. Harvest:	% U.S. Harvest:		% U.S. Harvest:		
1999-2000	-	-	-	-	-	-	-	-	-	-	-	0.0%	5.1%	1.3%	14.9%	78.7%	--
2001-2005	-	-	-	-	-	-	-	-	-	-	-	0.0%	4.8%	0.2%	10.0%	85.0%	--
2006-2010	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.4%	3.9%	1.5%	7.5%	86.6%	--
2011-2013	0.0%	34.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	65.7%	0.0%	0.5%	4.2%	0.0%	2.2%	93.1%	--

Estimated (HIP) Long-tailed Duck Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	0	0	0	0	0	0	0	0	147	0	147	0	0	0	242	14,718
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	722	12,882
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	193	20,045
2002	0	0	0	0	0	0	0	0	0	416	0	416	0	47	0	435	14,905
2003	0	0	0	136	0	0	0	71	0	225	0	432	811	0	0	2,024	17,627
2004	0	0	0	97	0	0	0	0	0	252	0	349	124	47	0	4,928	20,909
2005	0	0	0	0	0	0	0	0	84	0	0	84	0	170	4,928	14,999	20,181
2006	0	0	0	105	0	0	0	0	0	196	0	301	215	0	0	9,070	18,196
2007	0	146	0	78	0	0	0	0	0	462	0	686	0	0	0	2,840	26,521
2008	0	0	0	0	0	0	0	0	0	486	0	486	0	151	0	7,690	28,686
2009	0	100	0	133	0	0	0	0	0	567	0	800	592	0	0	5,530	15,260
2010	58	0	0	0	0	0	0	0	0	0	0	58	598	0	0	9,740	15,844
2011	0	0	0	0	0	0	0	0	0	0	0	0	746	61	0	4,776	10,698
2012	0	0	0	0	0	0	0	0	0	356	0	356	0	0	0	6,493	21,677
2013	0	0	0	0	0	0	0	0	0	23	0	23	0	0	0	12,899	16,302
Averages:																	
1999-2000	0	0	0	0	0	0	0	0	0	74	0	74	0	0	0	482	13,800
2001-2005	0	0	0	47	0	0	0	14	17	179	0	256	187	53	0	2,502	17,697
2006-2010	12	49	0	63	0	0	0	0	0	342	0	466	281	30	0	6,974	20,901
2011-2013	0	0	0	0	0	0	0	0	0	126	0	126	249	20	0	8,056	16,226
All Years	4	16	0	37	0	0	0	5	6	209	0	276	206	32	0	4,834	17,951
% Change from:																	
1999-2012	-	-	-	-	-	-	-	-	-	-89.6%	-	-92.2%	-	-	0	202.9%	-9.8%
2012	-	-	-	-	-	-	-	-	-	-93.5%	-	-93.5%	-	-	0	98.7%	-24.8%
% Flyway Harvest:												% U.S. Harvest:				% U.S. Harvest:	
1999-2000	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.5%	0.0%	0.0%	0	3.4%	96.1%
2001-2005	0.0%	0.0%	0.0%	18.2%	0.0%	0.0%	0.0%	5.5%	6.6%	69.7%	0.0%	1.2%	0.9%	0.3%	0	12.1%	85.5%
2006-2010	2.5%	10.6%	0.0%	13.6%	0.0%	0.0%	0.0%	0.0%	0.0%	73.4%	0.0%	1.6%	1.0%	0.1%	0	24.3%	72.9%
2011-2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.5%	1.0%	0.1%	0	32.6%	65.8%
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Estimated (HIP) Harlequin Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	0	0	0	0	0	0	0	0	441	0	441	0	0	0	0	441
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	71	0	0	0	0	0	0	0	0	71	0	0	0	0	71
2002	0	0	0	0	0	0	0	0	0	69	0	69	2,265	0	0	0	2,334
2003	0	0	0	136	0	0	0	0	0	0	0	136	811	0	764	0	1,712
2004	0	0	0	0	0	0	0	0	0	84	0	84	2,225	0	0	0	2,309
2005	0	0	0	0	0	0	0	0	0	0	0	0	1,425	0	0	0	1,425
2006	0	0	0	0	0	0	0	0	0	98	0	98	862	0	0	0	960
2007	0	0	0	0	0	0	0	0	0	92	0	92	2,375	0	0	0	2,467
2008	0	0	0	0	0	0	0	0	0	0	0	0	864	0	0	0	864
2009	0	0	0	0	0	0	0	0	0	113	0	113	592	0	0	0	705
2010	0	0	0	0	0	0	0	0	0	0	0	0	4,784	0	0	0	4,784
2011	0	0	0	0	0	0	0	0	0	0	0	0	2,237	0	0	0	2,237
2012	0	0	0	0	0	0	0	0	0	0	0	0	718	0	0	0	718
2013	0	0	0	0	0	0	0	0	0	0	0	0	1,673	0	0	0	1,673
Averages:																	
1999-2000	0	0	0	0	0	0	0	0	0	221	0	221	0	0	0	0	221
2001-2005	0	0	14	27	0	0	0	0	0	31	0	72	1,345	0	153	0	1,570
2006-2010	0	0	0	0	0	0	0	0	0	61	0	61	1,895	0	0	0	1,956
2011-2013	0	0	0	0	0	0	0	0	0	0	0	0	1,543	0	0	0	1,543
All Years	0	0	5	9	0	0	0	0	0	60	0	74	1,389	0	51	0	1,513
% Change from:																	
1999-2012	-	-	-	-	-	-	-	-	-	-	-	-	22.3%	-	-	-	11.4%
2012	-	-	-	-	-	-	-	-	-	-	-	-	133.0%	-	-	-	133.0%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	--
2001-2005	0.0%	0.0%	19.7%	37.8%	0.0%	0.0%	0.0%	0.0%	0.0%	42.5%	0.0%	4.6%	85.7%	0.0%	9.7%	0.0%	--
2006-2010	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	3.1%	96.9%	0.0%	0.0%	0.0%	--
2011-2013	-	-	-	-	-	-	-	-	-	-	-	0.0%	100.0%	0.0%	0.0%	0.0%	--

Estimated (HIP) Common Merganser Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	0	163	755	0	116	0	488	547	441	87	2,598	93	344	4,792	6,314	14,140
2000	926	716	0	523	514	86	221	514	3,455	125	0	7,080	1,225	1,292	3,718	9,064	22,379
2001	214	110	141	207	240	106	0	1,163	1,203	1,169	0	4,554	0	1,543	4,538	3,863	14,498
2002	154	0	47	75	207	89	39	1,630	633	485	0	3,359	0	2,458	8,214	12,161	26,192
2003	298	715	0	681	201	144	0	996	2,307	374	0	5,717	1,352	2,106	5,393	12,038	26,606
2004	0	697	463	681	329	0	194	903	751	671	0	4,689	1,855	1,462	4,725	9,392	22,122
2005	76	133	153	0	57	38	0	2,598	84	572	0	3,711	214	301	3,448	6,280	13,954
2006	87	862	0	105	166	0	160	538	1,241	589	0	3,748	1,508	1,877	3,415	6,723	17,270
2007	586	438	89	157	1,293	59	57	2,399	233	1,386	0	6,697	1,187	687	2,089	8,770	19,430
2008	32	0	0	735	784	0	37	1,331	883	583	36	4,421	1,295	302	4,296	11,063	21,378
2009	210	699	139	531	325	503	212	904	850	113	100	4,587	592	1,298	1,892	9,629	17,880
2010	409	191	90	284	0	0	0	1,496	1,416	215	0	4,103	598	589	2,031	11,369	18,599
2011	479	196	0	148	137	58	0	1,158	500	1,506	0	4,181	0	696	7,243	5,578	17,698
2012	248	731	300	459	140	199	0	988	133	1,068	0	4,266	2,153	759	1,284	6,994	15,454
2013	74	455	219	374	120	0	0	515	1,104	798	0	3,660	418	1,049	5,956	7,588	18,671
Averages:																	
1999-2000	463	358	82	639	257	101	111	501	2,001	283	44	4,839	659	818	4,255	7,689	18,260
2001-2005	148	331	161	329	207	75	47	1,458	996	654	0	4,406	684	1,574	5,264	8,747	20,674
2006-2010	265	438	64	362	514	112	93	1,334	925	577	27	4,711	1,036	951	2,745	9,511	18,911
2011-2013	267	461	173	327	132	86	0	887	579	1,124	0	4,036	857	835	4,828	6,720	17,274
All Years	253	396	120	381	301	93	61	1,175	1,023	673	15	4,491	833	1,118	4,202	8,455	19,085
% Change from:																	
1999-2012	-72.1%	16.1%	93.4%	-2.0%	-61.8%	-	-	-57.9%	8.6%	20.2%	-	-19.6%	-51.5%	-6.5%	46.1%	-10.9%	-2.3%
2012	-70.2%	-37.8%	-27.0%	-18.5%	-14.3%	-	-	-47.9%	730.1%	-25.3%	-	-14.2%	-80.6%	38.2%	363.9%	8.5%	20.8%
% Flyway Harvest:												% U.S. Harvest	% U.S. Harvest				
1999-2000	9.6%	7.4%	1.7%	13.2%	5.3%	2.1%	2.3%	10.4%	41.4%	5.8%	0.9%	26.5%	3.6%	4.5%	23.3%	42.1%	--
2001-2005	3.4%	7.5%	3.6%	7.5%	4.7%	1.7%	1.1%	33.1%	22.6%	14.8%	0.0%	21.3%	3.3%	7.6%	25.5%	42.3%	--
2006-2010	5.6%	9.3%	1.3%	7.7%	10.9%	2.4%	2.0%	28.3%	19.6%	12.3%	0.6%	24.9%	5.5%	5.0%	14.5%	50.3%	--
2011-2013	6.6%	11.4%	4.3%	8.1%	3.3%	2.1%	0.0%	22.0%	14.3%	27.9%	0.0%	23.4%	5.0%	4.8%	27.9%	38.9%	--

Estimated (HIP) Red Breasted Merganser Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PFTot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	0	0	0	0	0	0	244	219	147	0	610	0	756	3,381	8,778	13,525
2000	0	0	0	87	86	0	0	0	1,091	0	0	1,264	0	1,013	3,254	5,583	11,114
2001	0	0	0	0	0	0	0	0	601	0	0	601	0	964	2,922	6,426	10,913
2002	0	0	0	75	69	0	0	96	97	0	0	337	0	1,272	2,649	8,914	13,173
2003	0	0	0	0	0	0	0	0	577	0	0	577	1,893	173	4,040	10,786	17,469
2004	0	0	0	0	0	0	0	65	375	0	0	440	495	1,696	4,082	10,337	17,050
2005	0	133	0	0	0	0	0	0	507	95	0	735	71	764	716	11,781	14,067
2006	0	0	0	0	0	0	0	0	724	98	0	822	215	114	2,782	13,078	17,011
2007	42	0	0	0	0	0	0	0	233	462	0	736	1,979	0	2,581	7,643	12,940
2008	0	0	0	123	0	0	0	166	196	97	0	582	864	392	3,843	10,824	16,505
2009	0	175	0	0	0	0	0	209	212	227	0	823	3,550	278	5,642	12,681	22,835
2010	0	0	0	0	0	130	0	281	202	108	0	721	0	107	3,224	7,860	12,108
2011	0	0	0	0	0	0	0	0	0	0	0	0	746	286	6,125	10,289	17,447
2012	0	0	0	153	0	0	0	90	0	178	0	421	718	422	5,930	12,168	19,659
2013	74	0	0	0	0	0	0	0	0	0	0	74	837	0	7,218	8,323	16,452
Averages:																	
1999-2000	0	0	0	44	43	0	0	122	655	74	0	937	0	885	3,318	7,181	12,320
2001-2005	0	27	0	15	14	0	0	32	431	19	0	538	492	974	2,882	9,649	14,534
2006-2010	8	35	0	25	0	26	0	131	313	198	0	737	1,322	178	3,614	10,417	16,280
2011-2013	25	0	0	51	0	0	0	30	59	0	0	165	767	236	6,424	10,260	17,853
All Years	8	21	0	29	10	9	0	77	336	94	0	583	758	549	3,893	9,698	15,485
% Change from:																	
1999-2012	2366.7%	-	-	-	-	-	-	-	-	-	-	-88.0%	11.3%	-	97.5%	-15.0%	6.7%
2012	-	-	-	-	-	-	-	-	-	-	-	-82.4%	16.6%	-	21.7%	-31.6%	-16.3%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	0.0%	0.0%	0.0%	4.6%	4.6%	0.0%	0.0%	13.0%	69.9%	7.8%	0.0%	7.6%	0.0%	7.2%	26.9%	58.3%	--
2001-2005	0.0%	4.9%	0.0%	2.8%	2.6%	0.0%	0.0%	6.0%	80.2%	3.5%	0.0%	3.7%	3.4%	6.7%	19.8%	66.4%	--
2006-2010	1.1%	4.8%	0.0%	3.3%	0.0%	3.5%	0.0%	17.8%	42.5%	26.9%	0.0%	4.5%	8.1%	1.1%	22.2%	64.0%	--
2011-2013	14.9%	0.0%	0.0%	30.9%	0.0%	0.0%	0.0%	18.2%	0.0%	36.0%	0.0%	0.9%	4.3%	1.3%	36.0%	57.5%	--

Estimated (HIP) Hooded Merganser Harvest by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	1,069	0	151	249	58	0	1,220	0	2,059	0	4,807	0	12,798	46,577	29,269	93,451
2000	185	1,551	0	785	171	86	0	1,285	91	747	0	4,902	82	8,450	44,927	35,960	94,321
2001	0	1,754	0	207	80	0	0	1,366	86	1,079	0	4,602	0	9,454	43,506	28,240	85,802
2002	0	203	0	226	207	45	0	767	0	1,385	0	2,832	0	9,987	58,936	31,791	103,546
2003	128	835	128	681	302	192	0	782	494	1,947	0	5,488	0	7,132	51,706	29,181	93,507
2004	54	1,219	0	292	47	46	0	839	75	1,426	0	3,998	0	6,097	47,469	25,692	83,255
2005	76	664	76	638	228	38	37	962	84	1,430	0	4,235	0	8,592	30,454	34,037	77,318
2006	0	862	0	210	166	84	0	897	207	294	68	2,788	69	5,320	37,241	37,182	82,600
2007	168	2,044	0	392	86	30	0	2,932	78	1,201	0	6,930	0	7,479	38,686	38,135	91,230
2008	195	1,004	0	858	98	0	0	1,164	196	875	0	4,390	0	8,940	38,201	38,212	89,742
2009	157	874	279	1,194	217	168	24	1,739	319	794	0	5,764	0	6,987	41,645	42,103	96,345
2010	0	765	0	189	196	0	0	4,208	202	752	0	6,317	0	7,433	45,987	36,148	95,882
2011	44	1,178	0	444	137	115	0	3,740	500	2,343	0	8,500	0	13,556	53,766	34,991	110,813
2012	62	1,706	0	764	280	0	0	2,155	400	2,314	0	7,681	0	7,070	45,886	39,200	99,837
2013	0	304	0	749	0	53	0	1,030	402	798	0	3,335	0	8,390	45,416	41,411	98,552
Averages:																	
1999-2000	93	1,310	0	468	210	72	0	1,253	46	1,403	0	4,855	41	10,624	45,752	32,615	93,886
2001-2005	52	935	41	409	173	64	7	949	148	1,453	0	4,231	0	8,252	46,414	29,788	88,686
2006-2010	104	1,110	56	569	153	56	5	2,188	200	783	14	5,238	14	7,232	40,352	38,356	91,160
2011-2013	35	1,063	0	652	139	56	0	2,308	434	1,818	0	6,505	0	9,672	48,356	38,534	103,067
All Years	71	1,069	32	519	164	61	4	1,674	209	1,296	5	5,105	10	8,512	44,694	34,770	93,080
% Change from:																	
1999-2012	-	-72.9%	-	49.1%	-	-13.9%	-	-40.1%	106.0%	-40.1%	-	-36.2%	-	-1.5%	1.7%	20.7%	6.3%
2012	-	-82.2%	-	-2.0%	-	-	-	-52.2%	0.5%	-65.5%	-	-56.6%	-	18.7%	-1.0%	5.6%	-1.3%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	1.9%	27.0%	0.0%	9.6%	4.3%	1.5%	0.0%	25.8%	0.9%	28.9%	0.0%	5.2%	0.0%	11.3%	48.7%	34.7%	--
2001-2005	1.2%	22.1%	1.0%	9.7%	4.1%	1.5%	0.2%	22.4%	3.5%	34.4%	0.0%	4.8%	0.0%	9.3%	52.3%	33.6%	--
2006-2010	2.0%	21.2%	1.1%	10.9%	2.9%	1.1%	0.1%	41.8%	3.8%	15.0%	0.3%	5.7%	0.0%	7.9%	44.3%	42.1%	--
2011-2013	0.5%	16.3%	0.0%	10.0%	2.1%	0.9%	0.0%	35.5%	6.7%	28.0%	0.0%	6.3%	0.0%	9.4%	46.9%	37.4%	--

Total Goose Harvest (HIP) by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	5,600	113,300	6,995	99,299	14,793	10,100	1,057	81,401	22,300	84,199	2,963	442,007	8,700	1,226,690	1,275,870	477,612	3,430,882
2000	2,000	73,800	9,725	89,100	49,472	6,300	4,597	79,900	23,501	79,501	3,187	421,082	9,413	1,380,905	1,385,591	489,074	3,686,064
2001	4,399	105,200	5,149	65,100	28,461	6,500	1,493	53,599	17,900	60,100	1,514	349,416	6,500	1,172,269	1,292,293	769,295	3,589,771
2002	2,501	95,800	4,117	44,800	20,428	6,400	2,133	66,500	20,776	57,300	529	321,282	5,599	1,033,948	1,186,643	749,362	3,296,837
2003	2,300	116,001	5,403	84,200	28,983	8,600	3,416	59,800	29,599	72,001	1,192	411,494	6,300	1,133,984	1,528,350	694,015	3,774,144
2004	2,400	130,100	3,994	62,700	18,109	5,601	4,238	70,300	21,100	73,800	2,181	394,524	6,700	866,882	1,235,600	664,837	3,168,542
2005	1,700	146,001	6,777	74,299	20,689	6,800	2,333	66,000	30,500	79,599	1,163	435,862	4,800	1,100,782	1,275,300	810,705	3,627,450
2006	3,200	143,299	4,941	77,800	26,318	6,100	787	78,800	21,100	85,500	1,737	449,581	6,300	959,016	1,444,901	695,787	3,555,585
2007	2,301	169,899	4,269	40,900	33,493	5,400	4,183	96,001	19,800	78,899	1,123	456,267	5,900	933,587	1,330,901	912,985	3,639,640
2008	3,200	244,500	3,472	64,500	24,646	5,400	1,979	105,400	24,300	65,904	4,971	548,272	6,100	915,894	1,342,900	978,898	3,792,064
2009	5,301	149,399	17,025	58,300	19,012	7,900	2,822	60,901	20,300	80,700	4,082	425,739	6,700	929,622	1,163,401	1,091,950	3,287,949
2010	1,813	206,539	18,550	31,374	22,703	7,962	3,585	45,374	37,604	45,889	3,943	425,337	14,490	794,267	1,131,401	830,782	3,188,674
2011	3,662	165,983	14,742	51,023	21,899	5,458	5,944	65,407	18,277	75,398	911	428,702	9,749	777,459	1,082,525	569,010	2,857,696
2012	1,633	150,959	10,756	73,853	33,429	5,699	5,919	54,932	23,506	74,574	824	436,083	11,129	958,378	1,020,719	736,950	3,159,874
2013	2,684	162,151	8,391	70,316	14,662	6,177	3,874	54,554	18,750	54,998	1,792	398,347	6,488	1,042,508	1,195,450	705,707	3,348,502
Averages:																	
1999-2000	3,800	93,550	8,360	94,200	32,133	8,200	2,827	80,651	22,901	81,850	3,075	431,545	9,057	1,303,798	1,330,731	483,343	3,558,473
2001-2005	2,660	118,620	5,088	66,220	23,334	6,780	2,723	63,240	23,975	68,560	1,316	382,516	5,980	1,061,573	1,303,637	737,643	3,491,349
2006-2010	3,163	182,727	9,651	54,575	25,234	6,552	2,671	77,295	24,621	71,378	3,171	461,039	7,898	906,477	1,282,701	902,080	3,492,782
2011-2013	2,660	159,698	11,296	65,064	23,330	5,778	5,246	58,298	20,178	68,323	1,176	421,044	9,122	926,115	1,099,565	670,556	3,122,024
All Years	2,980	144,862	8,287	65,838	25,140	6,693	3,224	69,258	23,288	71,224	2,141	422,933	7,658	1,015,079	1,259,456	745,131	3,426,912
% Change from:																	
1999-2012	-10.6%	12.9%	1.3%	7.3%	-43.4%	-8.2%	21.9%	-22.4%	-20.6%	-24.0%	-17.3%	-6.2%	-16.2%	2.9%	-5.4%	-5.6%	-2.4%
2012	64.4%	7.4%	-22.0%	-4.8%	-56.1%	8.4%	-34.5%	-0.7%	-20.2%	-26.3%	117.5%	-8.7%	-41.7%	8.8%	17.1%	-4.2%	6.0%
% Flyway Harvest:												% U.S. Harvest:			% U.S. Harvest:		
1999-2000	0.9%	21.7%	1.9%	21.8%	7.4%	1.9%	0.7%	18.7%	5.3%	19.0%	0.7%	12.1%	0.3%	36.6%	37.4%	13.6%	--
2001-2005	0.7%	31.0%	1.3%	17.3%	6.1%	1.8%	0.7%	16.5%	6.3%	17.9%	0.3%	11.0%	0.2%	30.4%	37.3%	21.1%	--
2006-2010	0.7%	39.6%	2.1%	11.8%	5.5%	1.4%	0.6%	16.8%	5.3%	15.5%	0.7%	13.2%	0.2%	26.0%	36.7%	25.8%	--
2011-2013	0.6%	37.9%	2.7%	15.5%	5.5%	1.4%	1.2%	13.8%	4.8%	16.2%	0.3%	13.5%	0.3%	29.7%	35.2%	21.5%	--

Greater White-fronted Goose Harvest (HIP) by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	27,565	0	358	0	91	0	1,082	0	350	0	29,446	2,677	113,735	108,649	0	254,508
2000	0	17,562	0	0	382	35	0	4,253	0	2,693	0	24,915	1,743	184,553	103,913	0	315,124
2001	338	27,471	0	0	0	0	0	1,047	0	0	0	28,857	491	91,231	110,802	0	231,380
2002	0	26,193	0	327	0	0	0	607	123	424	0	27,674	329	85,344	107,151	0	220,499
2003	0	24,685	0	0	0	0	0	832	191	352	0	26,060	93	80,017	110,611	0	216,781
2004	0	39,924	0	0	0	183	0	1,672	0	118	0	41,897	2,181	52,163	86,266	0	182,507
2005	0	42,156	0	421	0	0	0	1,523	106	691	0	44,897	554	113,932	92,956	87	252,426
2006	246	52,492	0	0	0	40	0	2,041	130	351	0	55,300	1,310	83,384	142,493	0	282,487
2007	0	59,416	0	146	166	49	0	3,787	130	584	0	64,278	308	111,331	176,444	0	352,361
2008	0	110,523	0	262	0	0	0	8,346	134	383	0	119,649	339	61,247	138,097	0	319,332
2009	0	56,101	0	0	0	0	0	1,924	0	910	0	58,935	1,811	70,840	71,451	0	205,243
2010	0	67,810	0	0	0	0	0	3,885	0	2,031	0	73,726	2,183	87,502	105,249	0	268,759
2011	0	55,760	0	0	0	0	0	5,314	0	1,109	0	62,183	0	101,001	70,836	788	234,808
2012	0	41,842	0	324	0	106	0	1,767	0	876	0	44,915	281	82,060	83,245	0	210,501
2013	75	65,071	0	6,260	0	0	0	2,890	0	516	0	74,811	621	58,343	122,469	124	256,369
Averages:																	
1999-2000	0	22,564	0	179	191	63	0	2,668	0	1,517	0	27,181	2,210	149,144	106,281	0	284,816
2001-2005	68	32,086	0	150	0	37	0	1,136	84	317	0	33,877	730	84,537	101,557	17	220,719
2006-2010	49	69,268	0	82	33	18	0	3,997	79	852	0	74,378	1,190	82,861	126,747	0	285,636
2011-2013	25	54,224	0	2,195	0	35	0	3,324	0	834	0	60,636	301	80,468	92,183	304	233,893
All Years	44	47,638	0	540	37	34	0	2,731	54	759	0	51,836	995	91,779	108,709	67	253,539
% Change from:																	
1999-2012	79.8%	40.3%	-	4668.2%	-	-100.0%	-	6.3%	-	-33.5%	-	49.0%	-39.2%	-38.0%	13.7%	98.4%	1.2%
2012	-	55.5%	-	1832.1%	-	-100.0%	-	63.6%	-	-41.1%	-	66.6%	121.0%	-28.9%	47.1%	-	21.8%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	0.0%	83.0%	0.0%	0.7%	0.7%	0.2%	0.0%	9.8%	0.0%	5.6%	0.0%	9.5%	0.8%	52.4%	37.3%	0.0%	--
2001-2005	0.2%	94.7%	0.0%	0.4%	0.0%	0.1%	0.0%	3.4%	0.2%	0.9%	0.0%	15.3%	0.3%	38.3%	46.0%	0.0%	--
2006-2010	0.1%	93.1%	0.0%	0.1%	0.0%	0.0%	0.0%	5.4%	0.1%	1.1%	0.0%	26.0%	0.4%	29.0%	44.4%	0.0%	--
2011-2013	0.0%	89.4%	0.0%	3.6%	0.0%	0.1%	0.0%	5.5%	0.0%	1.4%	0.0%	25.9%	0.1%	34.4%	39.4%	0.1%	--

Lesser Snow (White & Blue) Goose Harvest (HIP) by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	243	41,145	0	717	1,770	182	0	4,462	180	2,686	60	51,445	167	471,697	317,268	54,710	895,289
2000	323	26,344	0	0	2,101	105	0	7,899	118	1,463	0	38,352	87	385,950	236,451	72,256	733,097
2001	0	33,860	0	404	637	337	0	6,283	90	3,574	0	45,185	0	346,335	304,793	77,158	773,470
2002	221	25,180	0	218	933	107	0	7,810	0	6,730	0	41,199	329	287,793	188,949	39,375	557,645
2003	300	33,037	0	451	582	315	0	5,186	95	2,641	0	42,607	0	247,983	286,279	36,105	612,973
2004	1,200	35,355	0	124	1,188	183	0	945	80	1,535	0	40,611	0	216,202	192,256	31,548	480,617
2005	204	46,934	0	140	2,478	386	0	2,877	0	10,713	0	63,733	46	304,041	248,951	36,103	652,874
2006	492	43,551	0	122	2,089	79	0	11,160	651	13,334	0	71,479	0	255,994	213,274	33,256	574,003
2007	288	52,038	0	0	3,648	243	0	9,021	0	22,501	0	87,738	0	275,310	148,944	50,742	562,735
2008	300	70,946	0	0	1,365	90	0	3,231	403	10,920	0	87,274	0	240,597	168,482	58,752	555,105
2009	408	30,693	0	1,247	988	1,693	0	4,218	292	14,102	0	53,640	0	156,071	109,213	109,213	341,540
2010	859	54,548	0	1,221	1,382	1,652	0	2,220	866	2,285	0	65,034	0	153,759	82,935	18,293	320,021
2011	0	43,718	0	600	3,080	700	0	4,088	366	11,563	0	64,115	0	169,145	122,573	37,592	393,423
2012	0	45,261	0	648	7,835	211	0	4,487	210	11,562	0	70,214	0	170,381	103,208	41,251	385,055
2013	373	38,747	0	1,252	555	0	0	2,409	647	4,383	0	48,365	0	168,372	133,355	30,482	380,575
Averages:																	
1999-2000	283	33,745	0	359	1,936	144	0	6,181	149	2,075	30	44,899	127	428,824	276,860	63,483	814,193
2001-2005	385	34,873	0	267	1,164	266	0	4,620	53	5,039	0	46,667	75	280,471	244,246	44,058	615,516
2006-2010	469	50,355	0	518	1,898	751	0	5,970	442	12,628	0	73,033	0	216,346	144,570	54,051	470,681
2011-2013	124	42,575	0	833	3,823	304	0	3,661	408	9,169	0	60,898	0	169,299	119,712	36,442	386,351
All Years	347	41,424	0	476	2,043	419	0	5,086	267	7,999	4	58,066	42	256,642	190,462	48,456	547,895
% Change from:																	
1999-2012	7.9%	-6.9%	-	197.5%	-74.2%	-	-	-54.4%	170.3%	-46.9%	-	-17.7%	-	-36.0%	-31.5%	-38.7%	-32.0%
2012	-	-14.4%	-	93.2%	-92.9%	-	-	-46.3%	208.1%	-62.1%	-	-31.1%	-	-1.2%	29.2%	-26.1%	-1.2%
% Flyway Harvest:												% U.S. Harvest:		% U.S. Harvest:			
1999-2000	0.6%	75.2%	0.0%	0.8%	4.3%	0.3%	0.0%	13.8%	0.3%	4.6%	0.1%	5.5%	0.0%	52.7%	34.0%	7.8%	--
2001-2005	0.8%	74.7%	0.0%	0.6%	2.5%	0.6%	0.0%	9.9%	0.1%	10.8%	0.0%	7.6%	0.0%	45.6%	39.7%	7.2%	--
2006-2010	0.6%	68.9%	0.0%	0.7%	2.6%	1.0%	0.0%	8.2%	0.6%	17.3%	0.0%	15.5%	0.0%	46.0%	30.7%	11.5%	--
2011-2013	0.2%	69.9%	0.0%	1.4%	6.3%	0.5%	0.0%	6.0%	0.7%	15.1%	0.0%	15.8%	0.0%	43.8%	31.0%	9.4%	--

Ross' Goose Harvest (HIP) by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	0	26,957	0	358	506	91	0	406	0	0	0	28,318	0	64,023	10,919	0	103,260
2000	258	5,605	0	0	764	105	0	0	118	0	0	6,850	0	44,523	8,298	0	59,670
2001	338	13,203	0	101	319	215	0	0	0	0	0	14,176	0	68,469	23,826	0	106,471
2002	221	13,024	0	0	187	0	0	0	0	61	0	13,492	66	49,881	20,179	0	83,618
2003	50	16,333	0	0	65	105	0	256	95	0	0	16,904	0	44,329	27,580	0	88,814
2004	0	10,329	0	249	340	0	0	73	80	0	0	11,070	0	46,047	4,958	0	62,075
2005	136	7,729	0	0	162	0	0	0	0	0	0	8,026	0	53,457	4,936	0	66,420
2006	0	5,875	0	0	167	79	0	272	0	234	0	6,627	0	36,238	10,484	82	53,431
2007	144	7,961	0	0	580	0	0	0	0	97	0	8,782	0	29,233	8,836	1,500	48,351
2008	0	13,779	0	131	646	180	0	404	134	0	0	15,274	339	42,379	14,625	170	72,787
2009	408	8,740	0	0	0	376	0	222	0	182	0	9,928	0	22,220	6,842	6,842	35,494
2010	286	14,974	0	122	395	451	0	0	520	127	0	16,875	0	23,601	4,608	0	45,084
2011	0	14,635	0	0	342	280	0	0	183	475	0	15,915	0	32,211	4,821	0	52,947
2012	233	14,886	0	324	174	106	0	0	0	350	3	16,073	0	29,472	872	0	54,265
2013	149	13,310	0	0	444	0	0	602	485	1,031	0	16,022	0	30,489	6,258	0	52,769
Averages:																	
1999-2000	129	16,281	0	179	635	98	0	203	59	0	0	17,584	0	54,273	9,609	0	81,465
2001-2005	149	12,124	0	70	215	64	0	66	35	12	0	12,734	13	52,437	16,296	0	81,480
2006-2010	168	10,266	0	51	358	217	0	180	131	128	0	11,497	68	30,734	9,079	1,719	51,029
2011-2013	127	14,277	0	108	320	129	0	201	223	619	1	16,003	0	30,724	3,984	0	53,327
All Years	148	12,489	0	86	339	133	0	149	108	170	0	13,622	27	41,105	10,536	573	65,697
% Change from:																	
1999-2012	0.6%	7.1%	-	-	33.8%	-	-	416.1%	500.9%	845.9%	-	19.1%	-	-27.2%	-42.3%	-	-20.8%
2012	-36.1%	-10.6%	-	-	155.2%	-	-	-	-	194.6%	-	-0.3%	-	3.5%	617.7%	-	-2.8%
% Flyway Harvest:												% U.S. Harvest:					
1999-2000	0.7%	92.6%	0.0%	1.0%	3.6%	0.6%	0.0%	1.2%	0.3%	0.0%	0.0%	21.6%	0.0%	66.6%	11.8%	0.0%	--
2001-2005	1.2%	95.2%	0.0%	0.5%	1.7%	0.5%	0.0%	0.5%	0.3%	0.1%	0.0%	15.6%	0.0%	64.4%	20.0%	0.0%	--
2006-2010	1.5%	89.3%	0.0%	0.4%	3.1%	1.9%	0.0%	1.6%	1.1%	1.1%	0.0%	22.5%	0.1%	60.2%	17.8%	3.4%	--
2011-2013	0.8%	89.2%	0.0%	0.7%	2.0%	0.8%	0.0%	1.3%	1.4%	3.9%	0.0%	30.0%	0.0%	57.6%	7.5%	0.0%	--

Total (All Seasons Comb.) Canada Goose Harvest (HIP) by State and Flyway, 1999-2013.

Year	AZ	CA	CO	ID	MT	NV	NM	OR	UT	WA	WY	PF Tot.	AK	CF Tot.	MF Tot.	AF Tot.	U.S. Tot.
1999	5,357	17,633	6,995	97,866	12,517	9,736	1,057	75,451	22,120	81,163	2,903	332,798	5,856	577,235	839,034	422,902	2,177,825
2000	1,419	24,289	9,725	89,100	46,225	6,055	4,597	67,748	23,265	75,355	3,187	350,965	7,583	765,879	1,036,929	416,818	2,578,173
2001	3,723	30,666	5,149	64,595	27,505	5,948	1,493	46,269	17,810	56,526	1,514	261,198	6,009	666,234	852,872	692,137	2,478,450
2002	2,059	31,403	4,117	44,255	19,308	6,293	2,133	58,083	20,653	50,085	529	238,917	4,875	610,930	870,364	709,987	2,435,075
2003	1,950	41,946	5,403	83,749	28,336	8,180	3,416	53,526	29,218	69,008	1,192	325,923	6,207	761,655	1,103,880	657,910	2,855,576
2004	1,200	44,492	3,994	62,327	16,581	5,235	4,238	67,610	20,940	72,147	2,181	300,946	4,519	552,470	952,120	633,289	2,443,343
2005	1,360	49,182	6,777	73,738	18,049	6,414	2,333	61,600	30,394	68,195	1,163	319,206	4,200	629,352	928,457	774,515	2,655,730
2006	2,462	41,381	4,941	77,678	24,062	5,902	787	65,327	20,319	71,581	1,737	316,175	4,990	583,400	1,078,650	662,449	2,645,664
2007	1,869	50,484	4,269	40,754	29,099	5,108	4,183	83,193	19,670	55,717	1,123	295,469	5,592	517,713	996,677	860,743	2,676,193
2008	2,900	49,252	3,472	64,107	22,615	5,130	1,979	93,419	23,629	54,601	4,971	326,075	5,422	571,671	1,021,696	919,976	2,844,840
2009	4,485	53,865	17,025	57,053	18,024	5,831	2,822	54,537	20,008	65,506	4,082	303,236	4,889	680,491	975,895	975,895	2,705,672
2010	668	68,666	18,550	30,031	20,926	5,859	3,585	39,057	36,218	41,446	3,943	268,949	10,189	529,406	938,412	794,165	2,533,204
2011	3,662	51,870	14,742	50,423	18,477	4,478	5,944	56,005	17,728	62,093	911	286,331	9,749	474,903	883,440	530,630	2,185,053
2012	1,400	47,877	10,756	72,557	25,420	5,276	5,919	48,401	23,296	61,491	824	303,217	9,126	676,465	825,546	695,699	2,510,053
2013	2,087	44,071	8,391	62,595	13,663	6,177	3,874	48,653	17,618	48,301	1,792	257,221	5,142	785,304	933,368	675,031	2,656,066
Averages:																	
1999-2000	3,388	20,961	8,360	93,483	29,371	7,896	2,827	71,600	22,693	78,259	3,045	341,882	6,720	671,557	937,982	419,860	2,377,999
2001-2005	2,058	39,538	5,088	65,733	21,956	6,414	2,723	57,418	23,803	63,192	1,316	289,238	5,162	644,128	941,539	693,568	2,573,635
2006-2010	2,477	52,730	9,651	53,925	22,945	5,566	2,671	67,107	23,969	57,770	3,171	301,981	6,216	576,536	1,002,266	842,646	2,681,115
2011-2013	2,383	47,939	11,296	61,858	19,187	5,310	5,246	51,020	19,547	57,295	1,176	282,256	8,006	645,557	880,785	633,787	2,450,391
All Years	2,440	43,138	8,287	64,722	22,720	6,108	3,224	61,259	22,859	62,214	2,137	299,108	6,290	625,541	949,156	694,810	2,558,728
% Change from:																	
1999-2012	-15.3%	2.3%	1.3%	-3.5%	-41.5%	1.2%	21.9%	-21.7%	-24.2%	-23.6%	-17.1%	-14.9%	-19.3%	27.9%	-1.8%	-3.0%	4.1%
2012	49.1%	-7.9%	-22.0%	-13.7%	-46.3%	17.1%	-34.5%	0.5%	-24.4%	-21.5%	117.5%	-15.2%	-43.7%	16.1%	13.1%	-3.0%	5.8%
% Flyway Harvest:												% U.S. Harvest	% U.S. Harvest		% U.S. Harvest:		
1999-2000	1.0%	6.1%	2.4%	27.3%	8.6%	2.3%	0.8%	20.9%	6.6%	22.9%	0.9%	14.4%	0.3%	28.2%	39.4%	17.7%	--
2001-2005	0.7%	13.7%	1.8%	22.7%	7.6%	2.2%	0.9%	19.9%	8.2%	21.8%	0.5%	11.2%	0.2%	25.0%	36.6%	26.9%	--
2006-2010	0.8%	17.5%	3.2%	17.9%	7.9%	1.8%	0.9%	22.2%	7.9%	19.1%	1.1%	11.3%	0.2%	21.5%	37.4%	31.4%	--
2011-2013	0.8%	17.0%	4.0%	21.9%	6.8%	1.9%	1.9%	18.1%	6.9%	20.3%	0.4%	11.5%	0.3%	26.3%	35.9%	25.9%	--

Pacific Brant Harvest (HIP) for Pacific Flyway States, 1999-2013.

Year	CA	OR	WA	PF Tot.	AK	Total
1999	2,500	100	800	3,400	1,400	4,800
2000	900	300	400	1,600	400	2,000
2001	4,100	1,000	1,100	6,200	1,600	7,800
2002	1,100	100	100	1,300	400	1,700
2003	2,300	100	1,500	3,900	600	4,500
2004	800	0	500	1,300	600	1,900
2005	900	0	1,100	2,000	700	2,700
2006	2,870	9	931	3,810	1,703	5,513
2007	1,800	0	100	1,900	900	2,800
2008	1000	3	0	1,003	1700	2,703
2009	900	100	1100	2,100	1100	3,200
2010	541	212	0	753	2118	2,871
2011	750	0	253	1,003	0	1,003
2012	1093	277	295	1,664	1722	5,051
2013	952	0	767	1,719	725	2,444
Averages:						
1999-2000	1,700	200	600	2,500	900	3,400
2001-2005	1,840	240	860	2,940	780	3,720
2006-2010	1,422	65	426	1,913	1,504	3,417
2011-2013	932	92	438	1,462	816	2,833
All Years	1,500	147	596	2,243	1,045	3,399
% Change from:						
1999-2012	-38.2%	-	31.3%	-24.6%	-32.1%	-29.5%
2012	-12.9%	-	160.0%	3.3%	-57.9%	-51.6%
% Flyway Harvest:				% U.S. Harvest:		
1999-2000	68.0%	8.0%	24.0%	73.5%	26.5%	--
2001-2005	62.6%	8.2%	29.3%	79.0%	21.0%	--
2006-2010	74.3%	3.4%	22.3%	56.0%	44.0%	--
2011-2013	63.7%	6.3%	30.0%	51.6%	28.8%	--

Canada geese harvested (HIP) during the special September, regular, and special late seasons during the 2013 and 2014 hunting seasons.

State / Flyway	September		Regular		Late		Total	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona			1400	2,087			1,400	2,087
California			47900	44,071			47,900	44,071
Colorado	0	1,119	10,800	7,272			10,800	8,391
Idaho			72,600	62,595			72,600	62,595
Montana			25,400	13,663			25,400	13,663
Nevada			5,300	6,177			5,300	6,177
New Mexico			5,900	3,874			5,900	3,874
Oregon	4,400	2,890	44,100	45,763			48,500	48,653
Utah			23,300	17,618			23,300	17,618
Washington	3,000	3,180	57,800	44,605	700	516	61,500	48,301
Wyoming	200	1,054	700	738			900	1,792
Pacific Flyway Total	7,500	8,243	295,000	248,463	700	516	303,200	257,221
Alaska			9,100	5,142			9,100	
U.S. Total	468,300	507,230	2,014,700	2,111,292	14,777	18,177	2,483,000	2,656,066

Swan harvest, reporting statistics and Trumpeter swans detected in swan hunting seasons in the Pacific Flyway, 1994-2013.

Year	Tundra Swan Harvest Estimate			Swans Examined			Examination Rate*			Trumpeter Swans Detected**		
	Utah	Nevada	Montana	Utah	Nevada	Montana	Utah	Nevada	Montana	Utah***	Nevada	Montana
1994	768	88	326	474	78	219	0.617	0.886	0.672	0	0	1
1995	348	72	182	244	66	110	0.701	0.917	0.604	3	0	3
1996	897	119	302	701	110	181	0.781	0.924	0.599	7	1	3
1997	704	131	300	497	116	217	0.706	0.885	0.723	3	0	1
1998	1142	185	276	879	156	168	0.770	0.843	0.609	1	0	3
1999	858	213	226	647	186	153	0.754	0.873	0.677	0	0	7
2000	550	78	217	454	65	203	0.825	0.833	0.935	1	0	3
2001	249	62	289	229	52	244	0.920	0.839	0.844	0	0	0
2002	518	45	167	453	40	141	0.875	0.889	0.844	2	0	3
2003	761	77	119	728	71	92	0.957	0.922	0.773	2	0	3
2004	612	82	254	570	77	203	0.931	0.939	0.799	2	0	6
2005	779	100	284	674	87	231	0.865	0.870	0.813	1	0	14
2006	814	155	169	712	147	135	0.875	0.948	0.799	2	1	7
2007	780	217	306	680	197	245	0.872	0.908	0.801	0	0	8
2008	651	136	200	557	120	175	0.856	0.882	0.875	1	0	1
2009	788	56	293	655		243	0.831	0.000	0.829	2	0	9
2010	699	118	208	693	111	173	0.991	0.941	0.832	0	0	10
2011	669	145	247	645	130	206	0.964	0.897	0.834	3	4	12
2012	873	203	293	854	194	235	0.978	0.956	0.802	2	0	30
2013	360	26	240	348	24	193	0.967	0.923	0.804	5	0	17
% 13/12	-142.5	-680.8	-22.1	-145.4	-708.3	-21.8	-1.2	-3.5	0.3	60.0	-	-76.5
Avg 94-13	691	115	245	585	107	188	1	1	1	2	0	7

* Examination Rate = Swans examined/ Tundra Swan Harvest Estimate

**Trumpeter Swans Detected: Ad. w/o yellow lore and posterior nare to bill tip > or = 62mm, Juv. w/o yellow lore and posterior nare to bill tip > or = 61mm.

***In 1996, 6 of the 7 Trumpeter swans detected in Utah's harvest were swans marked and Tran located from Idaho and released in Utah as part of a research project, the other was a marked swan that was Tran located from Idaho to Oregon 2 years earlier.

Data in this table was provided by Blair Stringham, Utah Division of Wildlife Resources.

Estimates of Total Duck Harvest by Province in Canada

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NU	TOTAL
1968*	44,300	19,400	54,800	59,600	333,300	794,000	295,700	292,700	459,100	362,600				2,715,500
1969*	62,700	25,300	50,100	62,900	465,700	928,100	467,300	557,700	778,200	270,100				3,668,100
1970*	66,500	28,900	59,200	61,000	464,900	872,300	518,100	930,500	904,700	283,900				4,190,000
1971*	53,300	30,500	71,100	56,600	454,500	739,000	332,200	690,200	848,000	228,600				3,504,000
1972	56,200	18,200	55,700	51,100	414,900	815,700	356,200	615,100	800,200	260,700				3,444,000
1973	111,500	18,000	117,400	51,900	493,100	752,700	251,900	471,900	831,600	255,400				3,355,400
1974	103,800	31,400	105,500	58,700	569,500	811,500	249,600	699,700	1,014,300	210,900				3,854,900
1975	101,700	28,400	118,000	59,100	467,900	938,300	299,200	807,300	850,700	236,200	9,500	5,000		3,921,300
1976	98,400	37,400	117,900	68,600	602,900	976,400	352,300	807,800	886,600	231,200	29,200	3,900		4,212,600
1977	132,900	30,200	134,500	53,800	631,200	913,300	259,400	508,800	781,100	259,600	20,800	3,100		3,728,700
1978	142,700	30,000	109,500	65,800	529,100	943,200	361,200	527,300	581,700	210,500	18,100	3,000		3,522,100
1979	122,200	20,900	88,400	49,100	460,400	845,400	383,400	582,700	679,300	204,400	9,400	3,000		3,448,600
1980	106,000	31,900	124,700	59,900	500,200	912,100	335,100	443,600	688,800	186,300	11,500	3,000		3,403,100
1981	114,400	26,200	113,600	59,000	507,900	850,100	293,900	273,300	525,600	188,300	5,000	1,500		2,958,800
1982	111,500	39,600	87,700	60,600	512,500	862,000	280,900	324,100	458,200	163,100	3,100	1,100		2,904,400
1983	119,500	36,100	117,300	72,900	454,000	888,400	284,400	381,700	515,700	193,500	13,000	3,000		3,079,500
1984	115,500	35,000	95,600	68,900	439,800	832,800	215,300	258,300	438,500	173,700	11,500	3,200		2,688,100
1985	110,300	31,100	92,300	69,600	494,900	871,500	174,500	210,900	282,800	145,400	15,500	3,000		2,501,800
1986	124,300	29,600	99,800	71,000	434,100	821,800	207,800	226,500	273,600	124,300	5,400	2,900		2,421,100
1987	59,200	28,700	86,100	59,900	468,900	772,400	213,200	207,200	305,300	133,000	4,400	1,500		2,339,800
1988	83,800	34,300	84,800	63,600	446,900	661,300	126,000	104,800	183,100	115,500	5,100	1,300		1,910,500
1989	92,700	21,600	120,700	64,400	433,800	682,800	121,000	104,100	254,800	102,900	1,200	800		2,000,800
1990	91,500	20,100	104,000	70,500	456,300	684,500	111,800	115,700	231,900	96,200	2,100	500		1,985,100
1991	55,800	28,500	76,700	47,600	357,400	618,000	106,700	102,800	164,600	79,800	800	1,100		1,639,800
1992	63,490	14,995	90,203	52,749	345,468	539,960	119,146	90,093	129,381	80,352	1,237	864		1,527,938
1993	63,384	21,069	90,346	49,239	385,095	564,701	91,892	76,017	119,744	69,688	1,746	1,319		1,534,240
1994	78,453	17,530	87,322	51,273	342,454	502,989	113,788	128,611	163,664	76,716	1,999	882		1,565,681
1995	67,360	27,892	93,199	74,272	298,998	512,934	135,147	149,321	152,792	62,222	2,156	1,392		1,577,685
1996	56,532	19,257	79,992	56,202	255,647	460,414	168,503	190,133	183,079	72,241	1,988	597		1,544,585
1997	57,709	21,371	74,203	50,634	261,923	461,372	183,468	204,211	229,746	81,180	1,667	392		1,627,876
1998	61,367	15,361	82,094	59,803	256,382	425,275	175,742	205,545	170,071	87,429	1,985	1,102		1,542,156
1999	51,464	19,923	86,556	56,641	270,264	385,577	162,355	233,178	157,613	70,934	1,431	308		1,496,244
2000	63,617	13,540	69,188	52,476	244,486	367,333	148,147	242,275	160,684	73,409	1,055	460	114	1,436,784
2001	50,206	17,815	58,477	41,656	215,780	364,497	168,274	153,503	135,353	55,594	1,021	409	0	1,262,585
2002	50,457	15,651	62,118	43,051	189,473	351,891	155,537	173,087	125,532	58,736	3,344	1,131	0	1,230,008
2003	41,648	14,637	55,788	44,613	177,880	313,728	128,550	185,457	124,369	51,992	1,815	548	710	1,141,735
2004	44,272	9,944	47,771	32,306	171,618	289,678	146,093	195,058	136,064	43,430	1,927	184	0	1,118,345
2005	42,897	12,410	44,881	34,810	182,650	273,663	161,893	225,848	152,716	52,576	2,063	2,293	0	1,188,700
2006	48,136	12,680	44,651	37,114	186,036	303,980	173,738	243,088	153,470	41,051	524	167	0	1,244,635
2007	63,557	12,286	57,350	39,324	172,585	273,692	143,710	242,542	159,478	44,312	1,571	1,855	0	1,212,262
2008	59,079	11,164	51,031	37,006	184,236	279,513	129,988	222,761	173,402	53,351	334	975	0	1,202,840
2009	47,660	10,115	40,471	28,484	169,740	252,948	124,371	187,240	110,861	46,557	2,659	155	0	1,021,261
2010	44,609	14,787	41,938	40,257	162,177	263,081	115,250	204,102	121,573	45,167	696	0	0	1,053,637
2011	46,879	13,593	41,666	32,894	165,466	268,672	124,777	268,147	147,933	49,614	835	0	0	1,160,476
2012	55,135	19,835	41,236	33,877	158,372	242,974	121,540	266,797	144,926	54,243	2,130	928	0	1,141,993
2013	53,286	13,126	45,969	38,398	146,552	268,754	128,693	306,159	177,523	43,656	1,384	2,362	0	1,225,862
AVG:														
68-71	56,700	26,025	58,800	60,025	429,600	833,350	403,325	617,775	747,500	286,300				3,519,400
72-75	93,300	24,000	99,150	55,200	486,350	829,550	289,225	648,500	874,200	240,800		5,000		3,643,900
76-80	120,440	30,080	115,000	59,440	544,760	918,080	338,280	574,040	723,500	218,400	17,800	3,200		3,663,020
81-85	114,240	33,600	101,300	66,200	481,820	860,960	249,800	289,660	444,160	172,800	9,620	2,360		2,826,520
86-90	90,300	26,860	99,080	65,880	448,000	724,560	155,960	151,660	249,740	114,380	3,640	1,400		2,131,460
91-95	65,697	21,997	87,554	55,027	345,883	547,717	113,335	109,368	146,036	73,756	1,588	1,111		1,569,069
96-00	58,138	17,890	78,407	55,151	257,740	419,994	167,643	215,068	180,239	77,039	1,625	572	114	1,529,529
01-05	45,896	14,091	53,807	39,287	187,480	318,691	152,069	186,591	134,807	52,466	2,034	913	142	1,188,275
06-10	52,608	12,206	47,088	36,437	174,955	274,643	137,411	219,947	143,757	46,088	1,157	630	0	1,146,927
11-13	51,767	15,518	42,957	35,056	156,797	260,133	125,003	280,368	156,794	49,171	1,450	1,097	0	1,176,110
72-13	77,740	22,052	81,825	52,692	348,071	581,472	192,962	289,685	335,199	116,318	5,158	1,519	59	2,104,236

*1968-71: Estimates are useful only for distribution of harvest among Provinces. These estimates are not comparable with estimates in subsequent years because different survey procedures were used.

Estimates of Mallard Harvest by Province in Canada

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NU	TOTAL
1968*					41,800	231,700	148,600	191,500	275,000	138,300				1,026,900
1969*	100	200	900	500	38,400	228,900	281,300	386,300	541,800	131,900				1,610,300
1970*			700	1,000	42,200	213,900	310,300	687,200	634,300	133,800				2,023,400
1971*		400	700	800	42,400	223,800	198,000	531,700	568,000	113,700				1,679,500
1972	400	100	800	800	61,500	254,200	214,500	477,800	557,600	114,800				1,682,500
1973	100	400	1,200	1,200	72,300	255,400	137,500	349,100	546,900	106,000				1,470,100
1974	300	200	500	1,300	74,100	257,200	145,000	499,600	714,100	108,600				1,800,900
1975	700	400	900	700	58,200	296,200	154,300	572,100	531,500	122,700	4,700	1,300		1,743,700
1976	700	300	1,500	800	73,700	318,200	205,100	608,700	612,300	116,200	13,800	1,000		1,952,300
1977	1,100	200	2,300	700	83,600	264,900	163,100	392,400	515,600	129,300	10,700	800		1,564,700
1978	800	300	1,200	1,500	62,400	322,400	239,600	396,700	379,600	116,800	6,700	1,300		1,529,300
1979	500	500	800	1,600	68,300	265,600	245,100	422,700	486,500	116,500	2,700	1,900		1,612,700
1980	0	1,000	3,200	1,400	81,300	290,500	210,000	354,600	482,400	103,400	5,000	1,400		1,534,200
1981	2,400	1,400	2,400	2,500	92,800	281,400	174,600	230,200	388,200	115,000	2,400	900		1,294,200
1982	500	400	1,400	1,800	94,800	333,700	150,300	241,100	295,000	91,500	3,100	0		1,213,600
1983	1,100	1,000	4,100	2,500	87,100	297,800	159,800	285,800	363,700	121,600	4,000	900		1,329,400
1984	800	700	2,100	1,600	66,800	283,600	118,100	181,700	304,800	89,900	7,500	1,700		1,059,300
1985	400	1,300	3,200	3,300	97,200	290,500	84,500	158,400	180,900	81,800	5,800	1,200		908,500
1986	2,500	700	3,200	2,500	84,400	265,400	113,500	151,100	182,000	72,200	800	900		879,200
1987	1,100	1,100	4,200	3,200	116,800	319,100	137,000	163,600	215,300	78,300	500	300		1,040,500
1988	0	1,000	2,400	1,600	82,300	233,700	59,800	73,500	138,000	64,000	4,700	400		661,400
1989	1,300	1,000	4,300	2,200	74,100	261,800	68,000	75,700	187,000	56,500	1,600	800		734,300
1990	1,000	900	3,500	3,200	86,500	262,700	56,700	78,800	173,900	60,100	2,000	400		729,700
1991	1,000	1,100	3,800	4,700	77,700	218,300	60,200	70,300	121,000	51,700	100	700		610,600
1992	967	198	6,343	5,260	89,551	196,776	66,189	66,902	95,405	51,840	668	244		580,343
1993	1,063	1,071	5,110	3,585	97,625	197,754	41,191	49,752	80,268	43,430	1,158	547		522,554
1994	830	828	3,172	2,755	103,446	192,356	56,301	87,448	108,951	49,233	1,999	201		607,520
1995	532	751	4,822	5,131	83,307	176,680	74,206	104,296	111,048	40,782	1,509	278		603,342
1996	351	1,024	4,286	4,044	82,201	176,869	91,266	121,608	115,668	42,447	1,326	0		641,090
1997	1,461	417	8,047	5,371	77,594	178,169	107,379	133,017	151,167	55,513	437	126		718,698
1998	1,628	1,011	5,440	7,512	76,320	164,431	104,470	129,461	119,826	52,663	881	276		663,919
1999	1,188	667	6,305	4,866	69,568	131,901	82,639	182,714	105,126	48,002	0	220		633,196
2000	1,511	1,915	5,481	5,999	81,655	162,352	67,467	197,400	110,163	51,925	512	72	0	686,452
2001	601	1,192	5,721	7,047	79,896	166,629	92,115	107,413	94,699	35,575	643	229	0	591,760
2002	300	2,176	6,498	6,002	66,533	147,847	77,992	118,857	80,707	37,371	1,702	609	0	546,594
2003	696	804	4,711	6,511	58,873	138,099	66,403	126,397	73,088	35,384	410	110	0	511,486
2004	1,985	1,100	5,245	5,228	65,284	132,188	75,970	129,630	78,270	28,516	275	37	0	523,728
2005	754	1,681	4,544	4,732	72,231	115,284	87,315	144,393	78,798	33,586	688	0	0	544,006
2006	753	1,122	5,490	6,389	72,245	124,751	111,026	174,174	88,533	28,928	215	0	0	613,626
2007	1,837	1,289	5,711	7,030	65,187	119,403	68,121	163,912	82,133	30,167	897	265	0	545,952
2008	53	1,743	4,735	5,708	69,621	120,199	60,654	151,748	97,686	35,853	0	488	0	548,488
2009	80	651	4,079	3,377	65,216	106,537	61,460	135,546	62,778	32,736	0	67	0	472,527
2010	1,122	2,213	4,129	4,665	56,523	105,400	48,539	125,686	68,014	28,301	0	0	0	444,592
2011	670	3,434	5,296	5,501	62,037	105,529	59,170	143,258	91,670	32,990	334	0	0	509,889
2012	767	1,475	3,060	5,682	55,862	79,180	67,173	188,383	89,249	36,160	415	928	0	528,334
2013	0	758	7,500	9,689	47,579	107,319	42,549	193,591	106,935	29,986	923	0	0	546,829
AVG:														
68-71	100	300	767	767	41,200	224,575	234,550	449,175	504,775	129,425				1,585,025
72-75	375	275	850	1,000	66,525	265,750	162,825	474,650	587,525	113,025	4,700	1,300		1,674,300
76-80	620	460	1,800	1,200	73,860	292,320	212,580	435,020	495,280	116,440	7,780	1,280		1,638,640
81-85	1,040	960	2,640	2,340	87,740	297,400	137,460	219,440	306,520	99,960	4,560	940		1,161,000
86-90	1,180	940	3,520	2,540	88,820	268,540	87,000	108,540	179,240	66,220	1,920	560		809,020
91-95	878	790	4,649	4,286	90,326	196,373	59,617	75,740	103,334	47,397	1,087	394		584,872
96-00	1,228	1,007	5,912	5,558	77,468	162,744	90,644	152,840	120,390	50,110	631	139	0	668,671
01-05	867	1,391	5,344	5,904	68,563	140,009	79,959	125,338	81,112	34,086	744	197	0	543,515
06-10	769	1,404	4,829	5,434	65,758	115,258	69,960	150,213	79,829	31,197	222	164	0	525,037
11-13	479	1,889	5,285	6,957	55,159	97,343	56,297	175,077	95,951	33,045	557	309	0	528,351
72-13	854	989	3,874	3,838	76,054	207,577	107,293	208,559	225,392	66,150	2,336	528	0	903,239

*1968-71: Estimates are useful only for distribution of harvest among Provinces. These estimates are not comparable with estimates in subsequent years because different survey procedures were used.

Estimates of Northern Pintail Harvest by Province in Canada

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NU	TOTAL
1968*					21,300		25,800	16,300	51,200	55,500				170,100
1969*	2,200	800	500	1,000	20,500	10,900	21,100	33,800	48,700	23,700				163,200
1970*	900	1,300	1,400	1,900	26,600	14,900	30,700	66,400	78,100	36,500				258,700
1971*	1,000	700	600	1,500	25,800	10,400	20,300	46,000	71,600	28,400				206,300
1972	1,000	400	400	400	16,900	9,700	16,700	29,100	68,900	48,700				192,200
1973	2,600	500	1,100	1,000	19,400	10,500	18,300	31,000	94,700	48,900				228,000
1974	1,100	1,100	1,300	1,300	21,000	10,800	10,700	51,900	98,700	25,700				223,600
1975	900	400	500	800	22,000	9,700	20,400	56,300	82,500	23,200	200	700		217,600
1976	1,300	700	1,000	1,700	29,000	17,300	17,600	34,300	60,800	35,200	2,600	300		201,800
1977	2,400	1,800	1,200	1,000	40,600	14,500	11,600	19,900	71,300	30,400	600	400		195,700
1978	900	800	700	1,400	20,600	13,200	20,700	13,700	38,100	23,000	2,200	200		135,500
1979	1,800	600	500	1,100	15,300	9,100	20,300	29,600	48,300	17,900	1,700	200		146,400
1980	900	500	700	1,300	17,100	13,300	12,700	17,900	43,900	20,900	0	100		129,300
1981	1,100	800	1,000	1,200	17,500	11,600	15,100	2,300	41,000	19,200	100	400		111,300
1982	0	1,600	1,100	1,500	20,300	10,200	14,300	12,700	28,700	14,000	0	0		104,400
1983	2,300	600	700	300	16,300	10,600	11,800	16,800	27,800	13,200	3,700	300		104,400
1984	1,700	1,100	700	900	9,500	35,500	13,200	13,000	32,500	18,700	500	500		127,800
1985	1,600	1,000	1,400	1,800	16,500	15,300	10,900	7,700	23,700	11,500	0	900		92,300
1986	700	600	800	1,700	13,000	9,300	6,700	9,000	9,000	8,800	0	800		60,400
1987	1,100	1,800	600	1,100	11,900	6,300	5,400	8,800	21,200	11,600	0	700		70,500
1988	2,200	1,300	500	800	12,600	8,000	14,000	6,000	15,300	11,000	0	0		71,700
1989	1,500	700	300	1,400	15,600	11,500	8,000	4,900	12,000	8,300	200	0		64,400
1990	4,400	500	700	1,700	19,800	8,300	5,600	10,200	13,600	7,700	600	100		73,200
1991	400	600	900	800	7,600	4,300	4,500	4,600	5,700	4,000	100	100		33,600
1992	0	904	84	473	6,327	4,857	5,214	2,076	6,930	6,521	169	67		33,622
1993	1,133	1,228	911	682	11,113	4,946	5,103	3,263	3,907	4,447	65	0		36,798
1994	946	707	1,093	1,084	10,887	4,526	4,769	7,229	7,252	4,727	0	63		43,283
1995	1,727	454	965	1,240	7,831	4,552	8,974	6,521	7,537	4,476	0	0		44,277
1996	1,246	478	897	1,234	5,043	4,011	10,323	14,477	9,621	5,367	0	0		52,697
1997	785	139	116	493	7,423	5,560	13,248	13,656	13,883	5,422	37	0		60,762
1998	1,026	0	653	757	7,735	6,361	14,347	11,099	11,119	6,462	19	276		59,854
1999	390	1,137	755	1,790	8,956	6,457	9,830	10,610	10,304	5,464	0	0		55,693
2000	470	509	499	581	6,480	5,397	2,633	13,468	9,488	2,240	38	0	0	41,803
2001	137	0	401	611	4,911	3,709	9,207	7,051	8,732	4,807	19	60	0	39,645
2002	1,153	78	543	702	5,527	9,910	13,879	13,055	7,640	4,551	0	0	0	57,038
2003	572	598	228	1,270	6,795	10,422	8,999	8,688	8,205	1,948	234	0	0	47,959
2004	30	317	129	702	6,394	5,208	12,624	23,803	8,380	2,363	0	0	0	59,950
2005	256	313	308	536	4,677	3,178	6,653	13,450	10,769	3,675	0	0	0	43,815
2006	176	939	90	382	5,067	4,861	8,579	11,853	12,527	2,004	39	0	0	46,517
2007	228	584	660	634	5,533	5,059	13,329	18,054	10,085	2,410	216	0	0	56,792
2008	442	254	398	432	4,985	5,775	10,995	10,479	12,612	3,002	0	0	0	49,374
2009	0	190	104	504	4,039	4,684	4,582	17,226	6,138	2,837	0	22	0	40,326
2010	296	955	832	609	6,209	6,410	4,894	13,625	6,708	2,062	0	0	0	42,600
2011	302	0	578	263	3,287	1,670	6,188	20,217	14,053	2,755	0	0	0	49,313
2012	0	435	62	0	2,216	2,364	2,519	15,474	14,307	4,464	0	0	0	41,841
2013	612	671	696	721	7,060	4,850	3,796	19,243	15,786	2,357	0	0	0	55,792
AVG:														
68-71	1,367	933	833	1,467	23,550	12,067	24,475	40,625	62,400	36,025				199,575
72-75	1,400	600	825	875	19,825	10,175	16,525	42,075	86,200	36,625		700		215,350
76-80	1,460	880	820	1,300	24,520	13,480	16,580	23,080	52,480	25,480	1,420	240		161,740
81-85	1,340	1,020	980	1,140	16,020	16,640	13,060	10,500	30,740	15,320	860	420		108,040
86-90	1,980	980	580	1,340	14,580	8,680	7,940	7,780	14,220	9,480	160	320		68,040
91-95	841	779	791	856	8,752	4,636	5,712	4,738	6,265	4,834	67	46		38,316
96-00	783	453	584	971	7,127	5,557	10,076	12,662	10,883	4,991	19	55	0	54,162
01-05	430	261	322	764	5,661	6,485	10,272	13,209	8,745	3,469	51	12	0	49,681
06-10	228	584	417	512	5,167	5,358	8,476	14,247	9,614	2,463	51	4	0	46,962
11-13	305	369	445	328	4,188	2,961	4,168	18,311	14,715	3,192	0	0	0	48,982
72-13	996	674	645	926	11,928	8,423	10,457	15,579	25,088	11,578	342	159	0	86,758

*1968-71: Estimates are useful only for distribution of harvest among Provinces. These estimates are not comparable with estimates in subsequent years because different survey procedures were used.

Estimated (HIP) American Coot Harvest and Hunter Activity by State and Flyway, 2012 and 2013.

State and Management Unit	Coot Harvest		Active Hunters ²		Coot Days Afield		Seasonal Harvest Per Hunter	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona	<50 ± 141%	300 ± 136%	<50 ± 133%	100 ± 94%	100 ± 149%	500 ± 160%	1.5 ± 194%	5.0 ± 165%
California	12,700 ± 69%	13,200 ± 58%	3,100 ± 64%	2,500 ± 77%	6,800 ± 62%	4,600 ± 49%	4.1 ± 94%	5.3 ± 97%
Idaho	4,400 ± 106%	6,100 ± 194%	1,700 ± 85%	800 ± 185%	4,700 ± 119%	4,700 ± 144%	2.6 ± 136%	7.6 ± 268%
Montana	100 ± 99%	100 ± 148%	<50 ± 88%	<50 ± 106%	100 ± 104%	200 ± 115%	1.8 ± 132%	2.7 ± 182%
Nevada	900 ± 73%	700 ± 80%	300 ± 93%	200 ± 106%	1,800 ± 102%	400 ± 98%	3.2 ± 118%	3.2 ± 132%
Oregon	1,600 ± 108%	800 ± 117%	1,600 ± 88%	500 ± 144%	3,200 ± 118%	800 ± 108%	1.0 ± 139%	1.6 ± 185%
Utah	7,800 ± 61%	6,400 ± 80%	1,800 ± 49%	1,500 ± 61%	5,600 ± 52%	2,600 ± 63%	4.2 ± 78%	4.4 ± 100%
Washington	4,900 ± 162%	3,700 ± 76%	1,800 ± 96%	600 ± 122%	7,600 ± 113%	2,100 ± 78%	2.8 ± 188%	6.2 ± 144%
Pacific Flyway Total	32,500 ± 42%	31,300 ± 49%	10,400	6,200	29,800 ± 41%	15,800 ± 48%		
Atlantic Flyway Total	12,800 ± 49%	23,600 ± 75%	4,500	6,300	15,700 ± 59%	18,100 ± 61%		
Mississippi Flyway Total	150,500 ± 57%	186,500 ± 55%	21,600	16,000	81,200 ± 61%	66,900 ± 54%		
Central Flyway Total	12,900 ± 62%	13,500 ± 52%	3,900	6,400	8,800 ± 49%	15,800 ± 70%		
U.S. Total	208,700 ± 42%	254,900 ± 41%	40,500	34,800	135,600 ± 39%	116,700 ± 34%		

¹ Variance estimates presented as 95% confidence interval as percent of the point estimate.

² Hunter number estimates at the management unit and national levels may be biased high, because the HIP sample frames are state specific; therefore hunters are counted more than once if they hunt in >1 state. Variance inestimable.

Estimated (HIP) Gallinule Harvest and Hunter Activity by State and Flyway, 2012 and 2013

State and Management Unit	Gallinule Harvest		Active Hunters ²		Gallinule Days Afield		Seasonal Harvest Per Hunter	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona	0	0	0	0	0	0	0.0	0.0
California	3,500 ± 193%	200 ± 121%	300 ± 186%	<50 ± 105%	1,800 ± 191%	200 ± 123%	11.5 ± 268%	8.3 ± 161%
Idaho	1,600 ± 196%		300 ± 196%		600 ± 196%		5.0 ± 277%	
Montana	0		0		0		0.0	
Nevada	100 ± 194%	100 ± 194%	100 ± 185%	100 ± 137%	100 ± 185%	100 ± 137%	1.9 ± 269%	0.5 ± 238%
Pacific Flyway Total	5,200 ± 143%	300 ± 104%	700	200	2,500 ± 142%	300 ± 92%		
Atlantic Flyway Total	600 ± 150%	2,800 ± 153%	100	100	500 ± 111%	700 ± 84%		0
Mississippi Flyway Total	14,300 ± 141%	15,400 ± 98%	900	2,400	5,400 ± 144%	5,800 ± 71%		0
Central Flyway Total	2,800 ± 184%	2,800 ± 196%	600	3,600	1,800 ± 142%	3,600 ± 160%	0	
U.S. Total	7,600 ± 100%	22,900 ± 97%	2,200	2,300	5,900 ± 63%	10,200 ± 88%		

¹ Variance estimates presented as 95% confidence interval as percent of the point estimate.

² Hunter number estimates at the management unit and national levels may be biased high, because the HIP sample frames are state specific; therefore hunters are counted more than once if they hunt in >1 state. Variance inestimable.

Estimated (HIP) Band-tailed Pigeon Harvest and Hunter Activity by State and Management Unit, 2012 and 2013.

State and Management Unit	Band-tailed Pigeon Harvest		Active Hunters ²		Band-tailed Pigeon Days Afield		Seasonal Harvest Per Hunter	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona	1,300 ± 75%	900 ± 125%	1,100 ± 57%	400 ± 137%	4,800 ± 79%	800 ± 126%	1.2 ± 95%	2.3 ± 185%
Colorado	1,100 ± 61%	<50 ± 140%	300 ± 39%	200 ± 39%	1,300 ± 66%	500 ± 48%	3.8 ± 73%	0.2 ± 145%
New Mexico	300 ± 38%	200 ± 30%	100 ± 18%	100 ± 16%	500 ± 27%	400 ± 26%	2.3 ± 42%	1.7 ± 34%
Utah	100 ± 143%	500 ± 196%	100 ± 93%	300 ± 196%	200 ± 99%	300 ± 196%	0.8 ± 170%	2.0 ± 277%
Four Corners Total	2,800 ± 43%	1,600 ± 92%	1,600	1,000	6,800 ± 57%	2,000 ± 60%		
California	9,100 ± 44%	4,700 ± 50%	3,300 ± 38%	2,700 ± 46%	8,200 ± 50%	4,600 ± 42%	2.8 ± 58%	1.7 ± 68%
Oregon	1,500 ± 29%	1,600 ± 40%	500 ± 15%	400 ± 19%	1,200 ± 22%	1,200 ± 29%	3.1 ± 32%	3.8 ± 45%
Washington	200 ± 76%	500 ± 166%	100 ± 28%	100 ± 0%	400 ± 71%	400 ± 107%	2.1 ± 81%	3.6 ± 166%
Pacific Coast Total	10,900 ± 37%	6,700 ± 38%	3,900	3,300	9,800 ± 42%	6,200 ± 33%		
US Total	13,700 ± 31%	8,300 ± 35%	5,500	4,300	16,600 ± 34%	8,200 ± 29%		

¹ Variance estimates presented as 95% confidence interval as percent of the point estimate.

² Hunter number estimates at the management unit and national levels may be biased high, because the HIP sample frames are state specific; therefore hunters are counted more than once if they hunt in >1 state. Variance inestimable.

Estimated (HIP) Mourning Dove Harvest and Hunter Activity by State and Management Unit, 2012 and 2013.

State and Management Unit	Mourning Dove Harvest		Active Hunters ²		Mourning Dove Days Afield		Seasonal Harvest Per Hunter	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona	601,200 ± 16%	774,800 ± 18%	32,100 ± 9%	36,300 ± 16%	110,800 ± 14%	134,300 ± 21%	18.7 ± 18%	21.3 ± 24%
California	900,000 ± 10%	828,300 ± 11%	65,200 ± 7%	63,600 ± 8%	192,200 ± 10%	163,200 ± 9%	13.8 ± 12%	13.0 ± 13%
Idaho	127,600 ± 25%	157,300 ± 42%	9,700 ± 22%	13,300 ± 21%	32,200 ± 35%	39,100 ± 32%	13.1 ± 33%	11.9 ± 47%
Nevada	26,900 ± 36%	31,900 ± 30%	3,600 ± 26%	3,800 ± 24%	7,400 ± 26%	9,900 ± 31%	7.5 ± 44%	8.4 ± 39%
Oregon	64,100 ± 32%	28,400 ± 43%	12,000 ± 19%	3,400 ± 35%	28,900 ± 24%	10,500 ± 43%	5.3 ± 38%	8.3 ± 55%
Utah	78,000 ± 43%	80,200 ± 80%	13,200 ± 22%	16,000 ± 33%	30,800 ± 31%	31,200 ± 45%	5.9 ± 48%	5.0 ± 87%
Washington	51,500 ± 30%	42,500 ± 41%	4,900 ± 26%	4,800 ± 29%	11,300 ± 27%	11,500 ± 43%	10.6 ± 40%	8.8 ± 50%
Western Unit Total	1,849,400 ± 8%	1,943,300 ± 10%	140,700	141,200	413,700 ± 7%	399,800 ± 9%		
Eastern Unit Total	6,279,900 ± 8%	6,350,600 ± 11%	349,600	363,100	1,015,600 ± 7%	987,900 ± 9%		
Central Unit Total	6,361,600 ± 14%	6,236,000 ± 11%	338,700	353,000	1,108,700 ± 11%	1,185,300 ± 10%		
US Total	14,490,900 ± 7%	14,529,800 ± 7%	828,900	857,300	2,538,000 ± 6%	2,572,900 ± 6%		

¹ Variance estimates presented as 95% confidence interval as percent of the point estimate.

² Hunter number estimates at the management unit and national levels may be biased high, because the HIP sample frames are state specific; therefore hunters are counted more than once if they hunt in >1 state. Variance inestimable.

Estimated (HIP) White-winged Dove Harvest and Hunter Activity by State and Management Unit, 2012 and 2013.

State and Management Unit	White-winged Dove Harvest		Active Hunters ²		White-winged Dove Days Afield		Seasonal Harvest Per Hunter	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona	86,000 ± 22%	100,000 ± 35%	14,600 ± 15%	18,400 ± 26%	47,400 ± 16%	60,500 ± 27%	5.9 ± 27%	5.4 ± 43%
California	42,200 ± 31%	48,900 ± 33%	11,000 ± 22%	12,700 ± 22%	33,100 ± 29%	31,800 ± 24%	3.8 ± 38%	3.8 ± 40%
Idaho	900 ± 101%		200 ± 81%		600 ± 89%		5 ± 130%	
Nevada	200 ± 85%	3,300 ± 111%	300 ± 98%	600 ± 78%	500 ± 75%	2,500 ± 108%	0.8 ± 130%	6.0 ± 135%
Oregon	200 ± 96%		100 ± 88%		400 ± 112%		1.8 ± 130%	
Utah	500 ± 110%	0	100 ± 79%	1,100 ± 181%	200 ± 95%	1,100 ± 181%	4.4 ± 136%	0
Washington	200 ± 118%				100 ± 133%		7.3 ± 159%	
Western Unit Total	130,300 ± 18%	152,200 ± 25%	26,400	32,800	82,500 ± 15%	95,900 ± 19%		
Eastern Unit Total	0	30,600 ± 43%	8,800	8,400	33,900 ± 52%	27,000 ± 50%		
Central Unit Total	1,508,500 ± 30%	1,343,700 ± 28%	117,000	104,300	460,600	391,500 ± 21%		
US Total	1,669,000 ± 27%	1,526,500 ± 24%	152,200	145,500	577,000 ± 18%	514,400 ± 16%		

¹ Variance estimates presented as 95% confidence interval as percent of the point estimate.

² Hunter number estimates at the management unit and national levels may be biased high, because the HIP sample frames are state specific; therefore hunters are counted more than once if they hunt in >1 state. Variance inestimable.

Estimated (HIP) Snipe Harvest and Hunter Activity by State and Flyway, 2012 and 2013.

State and Management Unit	Snipe Harvest		Active Hunters ²		Snipe Days Afield		Seasonal Harvest Per Hunter	
	2012	2013	2012	2013	2012	2013	2012	2013
Arizona	0	100 ± 189%	<50 ± 133%	<50 ± 134%	100 ± 141%	300 ± 180%	0.0	3.5 ± 232%
California	6,300 ± 145%	2,400 ± 77%	2,200 ± 77%	700 ± 133%	4,500 ± 92%	1,400 ± 77%	2.9 ± 164%	3.3 ± 154%
Idaho	900 ± 160%	7,900 ± 188%	700 ± 127%	800 ± 185%	1,400 ± 132%	3,900 ± 140%	1.2 ± 204%	9.8 ± 264%
Montana	100 ± 186%	300 ± 141%	<50 ± 186%	100 ± 72%	<50 ± 186%	200 ± 83%	5.0 ± 264%	3.7 ± 158%
Nevada	100 ± 111%	<50 ± 102%	100 ± 158%	100 ± 171%	200 ± 105%	100 ± 171%	0.6 ± 193%	0.2 ± 199%
Oregon	3,400 ± 169%	500 ± 180%	1,500 ± 92%	800 ± 126%	5,200 ± 102%	1,000 ± 107%	2.2 ± 192%	0.6 ± 220%
Utah	200 ± 160%	700 ± 112%	100 ± 111%	300 ± 96%	500 ± 146%	900 ± 151%	1.7 ± 195%	2.5 ± 148%
Washington	2,200 ± 129%	500 ± 70%	1,300 ± 112%	200 ± 35%	4,900 ± 147%	800 ± 86%	1.7 ± 171%	3.1 ± 78%
Pacific Flyway Total	13,100 ± 86%	12,400 ± 122%	6,100	3,000	16,900 ± 60%	8,600 ± 69%		
Alaska	600 ± 145%	600 ± 143%	700 ± 145%	1,000 ± 121%	1,300 ± 93%	1,500 ± 127%	0.8 ± 205%	0.6 ± 188%
Atlantic Flyway Total	25,700 ± 62%	33,000 ± 54%	7,900	5,500	18,900 ± 41%	15,200 ± 42%		
Mississippi Flyway Total	19,400 ± 48%	21,200 ± 58%	10,200	13,000	22,500 ± 54%	46,000 ± 86%		
Central Flyway Total	6,100 ± 105%	1,900 ± 72%	5,500	2,300	15,700 ± 96%	5,600 ± 103%		
U.S. Total	64,900 ± 35%	69,100 ± 38%	30,300	24,700	75,400 ± 31%	76,900 ± 53%		

¹ Variance estimates presented as 95% confidence interval as percent of the point estimate.

² Hunter number estimates at the management unit and national levels may be biased high, because the HIP sample frames are state specific; therefore hunters are counted more than once if they hunt in >1 state. Variance inestimable.

Age ratios (immatures/adult) of certain ducks in the Pacific Flyway harvest (excluding Alaska).

Year	MALL	GADW	AMWI	AGWT	BWCT	NSHO	NOPI	WODU	REDH	CANV	GRSC	LESC	RNDU	COGO	BUFF	RUDU
1965	1.88	3.13	2.19	1.24	1.15	2.73	1.98	1.89	3.54	2.87	1.30	2.86	2.18	1.91	1.34	1.61
1966	1.54	1.62	1.88	0.91	1.09	2.20	1.60	1.32	2.42	2.10	2.81	1.60	1.30	1.06	1.08	1.29
1967	1.73	2.60	2.28	1.09	2.01	2.21	1.65	2.21	2.58	1.95	1.44	1.36	3.02	2.39	1.76	0.98
1968	1.04	1.73	1.11	0.74	1.39	1.22	0.67	1.05	1.65	0.82	1.02	2.45	1.14	2.39	1.28	1.03
1969	2.02	3.55	2.38	1.35	1.47	2.99	2.64	1.34	3.07	2.77	1.07	1.06	0.96	2.31	1.30	1.86
1970	1.46	1.95	1.39	0.77	1.73	1.07	1.13	0.86	2.00	1.70	0.62	2.03	1.40	1.10	2.28	1.52
1971	1.44	3.18	1.71	1.16	1.81	1.49	1.05	2.60	1.72	1.55	1.59	1.38	2.14	1.75	0.95	1.30
1972	1.10	1.78	1.36	1.55	1.46	1.57	1.12	1.24	2.19	closed	5.55	1.52	1.28	1.04	0.90	0.97
1973	1.13	1.87	1.46	0.98	0.46	1.43	0.70	2.53	1.41		2.61	2.16	3.97	1.75	1.43	1.48
1974	1.90	1.75	2.29	1.35	0.94	1.87	1.31	2.14	2.22	2.89	1.00	1.13	1.91	1.88	2.39	2.74
1975	1.60	2.55	2.40	2.13	1.64	1.47	1.30	1.88	2.83	1.59	2.73	2.86	2.02	0.89	2.66	1.17
1976	1.69	1.68	2.00	0.91	1.69	1.58	1.02	1.86	1.88	1.27	3.08	3.20	1.49	1.26	1.69	0.96
1977	1.13	1.08	1.52	0.97	0.82	1.30	0.65	1.59	0.65	0.52	1.02	1.04	1.63	0.78	1.90	0.54
1978	1.80	2.57	2.06	1.30	1.41	1.29	1.76	1.36	3.38	1.32	4.95	3.56	1.18	1.54	2.14	1.30
1979	1.53	2.41	1.74	1.22	1.77	1.86	1.38	3.60	2.95	2.96	3.62	3.71	1.90	3.40	2.24	2.56
1980	1.12	1.68	1.33	1.03	1.52	1.17	0.62	1.44	2.11	1.28	1.47	1.68	1.41	2.21	2.14	0.99
1981	1.00	1.30	0.87	0.87	2.93	0.77	0.60	1.60	1.25	0.72	8.14	1.54	1.41	0.70	1.63	1.89
1982	1.26	1.65	1.02	0.79	1.52	0.93	0.74	2.22	1.91	0.89	0.29	0.87	1.27	0.73	1.74	0.51
1983	1.64	1.64	1.57	1.47	1.51	1.23	1.02	2.52	1.82	2.70	2.79	1.70	1.43	1.69	1.59	1.82
1984	1.25	1.30	1.42	1.04	1.86	1.45	0.89	1.64	0.93	0.68	2.78	1.74	0.91	0.83	2.14	0.91
1985	1.20	1.09	1.97	1.35	1.80	1.87	0.95	1.47	0.98	0.89	1.70	2.23	1.22	1.76	1.62	0.62
1986	1.47	1.73	2.09	1.55	2.24	1.97	1.03	1.43	1.62	0.84	1.54	1.58	1.51	1.57	1.18	2.07
1987	1.08	0.98	1.57	1.13	0.66	1.31	0.77	1.02	1.32	closed	1.34	2.56	1.89	1.40	0.98	1.15
1988	0.81	1.43	1.23	0.90	1.03	0.94	0.66	0.96	0.65		4.13	1.83	1.46	1.01	1.00	0.66
1989	1.31	1.84	1.40	1.26	1.90	1.67	0.83	2.70	1.36	1.45	3.21	3.16	2.47	0.99	1.10	1.32
1990	1.13	1.37	1.68	1.03	1.22	1.48	0.92	2.74	1.76	1.37	2.22	1.89	1.73	1.80	1.37	0.85
1991	0.84	1.02	0.96	1.18	2.42	1.12	0.79	1.22	1.23	2.71	1.79	2.10	2.24	1.02	1.18	1.96
1992	0.93	1.17	1.06	1.23	1.41	1.23	0.77	1.67	1.00	0.50	2.78	1.01	1.47	1.10	1.08	0.85
1993	1.47	2.02	1.63	1.62	1.38	1.64	1.04	1.43	2.04	0.88	3.47	2.26	1.47	1.07	0.99	0.64
1994	1.25	1.57	1.78	1.13	2.00	1.87	1.26	1.54	1.23	2.18	1.58	1.96	1.94	1.36	1.78	1.24
1995	1.02	1.55	1.37	1.15	1.14	1.48	0.85	1.60	1.56	1.42	2.70	2.23	1.20	0.76	0.97	1.00
1996	1.28	1.50	1.12	1.36	1.84	1.38	1.02	1.25	1.22	1.43	0.91	2.78	1.29	1.00	1.22	0.93
1997	1.52	1.30	1.47	1.50	1.75	2.22	1.62	1.53	1.16	1.89	1.28	1.88	2.54	1.18	1.79	2.16
1998	1.34	1.52	1.12	1.14	1.48	0.76	0.73	1.56	1.65	1.15	0.55	1.12	2.49	0.76	1.14	0.94
1999	0.98	0.98	0.86	1.00	1.00	0.92	0.99	1.26	0.87	0.82	0.57	0.90	1.83	0.49	1.41	0.39
2000	1.05	0.88	0.89	1.05	0.91	0.53	0.73	2.26	0.75	0.74	1.48	1.15	1.50	0.58	0.66	0.90
2001	1.19	0.80	1.02	1.05	1.29	0.66	0.65	1.31	0.50	1.15	0.51	1.64	1.53	0.64	1.33	0.63
2002	1.18	0.99	1.64	1.36	1.09	0.82	0.91	1.24	1.11	closed	0.97	1.60	1.25	1.14	1.11	0.57
2003	1.51	1.41	1.11	1.14	1.50	1.11	0.97	1.57	1.69		0.72	1.58	1.44	0.71	0.93	1.10
2004*	1.43	0.96	1.23	1.28	0.87	1.09	0.69	2.39	1.54	0.65	1.71	1.74	1.46	0.78	1.18	0.64
2005	1.98	1.78	2.05	1.74	1.41	2.05	1.38	2.41	2.11	3.23	1.06	2.11	1.91	0.80	1.13	1.80
2006	1.82	1.13	1.38	1.45	1.07	1.40	0.98	2.06	1.50	1.30	0.56	1.77	1.59	0.98	0.78	1.26
2007	1.23	0.79	1.31	1.22	1.73	1.50	1.03	1.12	1.18	0.99	1.23	1.36	1.49	0.78	1.06	1.49
2008	1.19	0.79	1.09	0.92	0.83	0.70	0.54	1.23	0.52	0.00	1.22	2.57	1.21	1.19	0.71	0.42
2009	1.42	1.03	1.29	1.05	0.63	0.90	0.98	2.08	0.70	1.00	1.19	1.37	1.47	0.88	0.87	1.21
2010	1.63	1.34	1.34	0.87	0.94	1.51	1.24	1.43	1.27	1.37	0.64	1.07	1.75	0.83	1.02	1.92
2011	2.28	1.46	1.76	1.28	1.34	2.21	1.44	1.69	2.46	2.82	0.48	1.29	1.90	1.16	1.31	4.13
2012	1.35	0.84	1.21	0.93	1.14	0.79	0.71	1.36	1.12	0.90	1.06	2.07	2.17	1.11	1.18	1.00
2013	1.25	1.13	1.52	1.35	1.68	1.29	0.98	1.23	1.82	1.57	1.52	1.41	1.61	0.91	0.73	1.62
% Change: 2012 1965-2012	-7.7% -9.6%	35.1% -28.6%	25.4% 0.3%	45.0% 14.1%	47.4% 18.2%	63.1% -10.3%	38.5% -6.2%	-9.8% -28.6%	62.2% 10.9%	74.3% 5.3%	43.7% -22.0%	-32.0% -24.6%	-25.9% -4.5%	-18.2% -27.4%	-38.0% -47.5%	62.1% 22.4%
Average: 1965-2013	1.38	1.58	1.51	1.19	1.43	1.43	1.05	1.71	1.64	1.49	1.94	1.86	1.68	1.24	1.38	1.33

Sample size (n) and age ratios (immatures per adult) of SNOW GEESE, ROSS'S GEESE, WHITE-FRONTED GEESE, and CANADA GEESE in Pacific Flyway harvests, excluding Alaska, and age ratios in EMPEROR GEESE in Alaska harvests, as measured by the Waterfowl Parts Collection Survey using goose-tail fans.

Year	Snow Geese		Ross's Geese		White-fronted Geese		Canada Geese		Pacific Brant		Emperor Geese	
	n	Imm/Ad	n	Imm/Ad	n	Imm/Ad	n	Imm/Ad	n	Imm/Ad	n	Imm/Ad
1965	166	0.16			186	1.05	920	0.30	44	0.38		
1966	582	1.90	3	2.00	218	1.52	978	0.36	22	1.45	5	1.50
1967	305	0.33	2	0.00	266	1.24	966	0.31	26	0.08	9	1.00
1968	268	0.59			205	1.50	820	0.38	34	0.05	4	3.00
1969	266	0.98	8	0.39	207	2.06	750	0.46	28	0.47	6	2.00
1970	398	1.52	15	9.60	199	1.05	742	0.30	1	0.00	20	0.33
1971	387	0.50	13	3.33	126	1.44	760	0.32	10	0.42	6	1.00
1972	84	0.30			96	1.58	796	0.35	29	0.70	4	1.00
1973	406	1.61	15	0.56	159	0.88	827	0.28	10	0.53	2	0.00
1974	168	0.08	25	0.19	123	0.63	816	0.20	12	0.00	13	0.18
1975	298	2.60	22	3.06	130	1.21	908	0.44	17	0.36	4	--
1976	314	1.63	17	0.71	94	1.84	629	0.39	3	0.72	42	0.83
1977	197	0.66	12	3.32	74	2.68	785	0.41	27	0.53	28	0.73
1978	103	0.39	7	0.40	112	2.14	1,117	0.39	7	0.50	36	0.89
1979	96	0.79	14	1.05	61	2.12	1,032	0.44	9	0.00	14	1.00
1980	148	1.16	14	2.50	82	1.59	1,031	0.35	8	3.00	36	0.71
1981	352	1.23	35	0.51	109	0.96	1,552	0.22	25	0.19	14	0.40
1982	139	0.24	26	1.11	56	0.83	1,235	0.17	3	0.00	10	0.43
1983	169	1.32	26	0.61	60	0.90	1,561	0.27	10	0.67	4	0.33
1984	344	0.75	48	3.22	37	0.80	1,407	0.44	1	0.00		
1985	389	0.90	50	1.05	59	0.41	1,467	0.20			2	0.00
1986	202	0.14	24	0.48	40	0.56	1,241	0.18	1	0.00		
1987	224	1.34	13	1.23	52	1.03	1,451	0.18	3	0.50		
1988	409	0.92	11	1.28	52	0.89	2,249	0.25				
1989	328	0.47	56	1.02	89	1.53	2,527	0.20	7	1.20		
1990	418	0.82	46	1.01	100	1.34	2,874	0.20	20	0.64		
1991	441	0.31	47	0.26	148	1.46	2,350	0.20	25	0.29		
1992	450	0.41	52	0.83	207	1.64	3,337	0.14	46	0.50		
1993	705	1.29	97	1.29	164	1.61	3,376	0.16	63	0.31		
1994	298	0.17	76	0.58	127	1.23	3,219	0.42	33	0.08		
1995	364	0.55	48	1.20	118	1.02	2,676	0.22	10	0.68		
1996	472	0.79	111	1.55	170	0.52	2,585	0.25	32	0.86		
1997	258	0.33	57	0.85	195	1.38	1,994	0.27	43	0.36		
1998	313	1.05	40	1.28	138	1.85	1,786	0.19	70	0.51		
1999	294	0.69	147	1.08	150	1.54	2,286	0.24	24	0.50		
2000	225	0.38	42	0.50	147	0.80	2,736	0.19	8	0.33		
2001	290	0.34	74	0.70	141	0.73	2,723	0.19	27	0.25		
2002	405	0.37	96	0.69	201	0.32	2,978	0.51	9	0.06		
2003	307	0.86	96	1.25	150	0.53	3,292	0.71	14	0.42		
2004	239	0.51	62	0.24	228	0.72	3,010	0.61	23	1.28		
2005	517	1.36	60	0.91	340	1.16	3,136	0.47	30	1.63		
2006	572	0.70	54	0.90	453	0.86	2,832	0.45	57	0.27		
2007	631	0.64	50	0.22	359	0.68	2,992	0.44	92	0.74		
2008	402	0.17	63	0.39	448	0.72	2,585	0.38	74	0.89		
2009	392	0.67	52	0.10	311	1.42	2,537	0.50	134	1.35		
2010	370	0.59	86	0.19	403	0.94	2,418	0.45	68	0.51		
2011	383	0.84	86	0.31	356	0.71	1,688	0.50	47	1.01		
2012	370	0.74	82	0.15	225	0.77	1,580	0.45	94	0.39		
2013	216	0.43	70	0.43	254	0.44	1,821	0.56	80	0.23		
%Change:												
2012	-41.6%	-41.9%	-14.6%	186.7%	12.9%	-42.9%	15.3%	24.4%	-14.9%	-41.0%	--	--
1965-2012	-34.6%	-44.4%	51.4%	-64.2%	49.2%	-62.5%	-2.4%	68.8%	166.7%	-58.7%	--	--
Average:												
1965-2013	328	0.77	47	1.19	172	1.16	1865	0.34	31	0.55	--	--

TRENDS IN DUCK BREEDING POPULATIONS, 1955–2014

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Administrative Report—July 2, 2014

This report summarizes information about the status of duck populations and wetland habitats during spring 2014, focusing on areas encompassed by the U.S. Fish & Wildlife (USFWS) and Canadian Wildlife Services' (CWS) Waterfowl Breeding Population and Habitat Survey (WBPHS). This report does not include information from surveys conducted by state or provincial agencies.

In the traditional survey area, which includes strata 1–18, 20–50, and 75–77 (Figure 1), the total duck population estimate (excluding scoters [*Melanitta* spp.], eiders [*Somateria* spp. and *Polysticta stelleri*], long-tailed ducks [*Clangula hyemalis*], mergansers [*Mergus* spp. and *Lophodytes cucullatus*], and wood ducks [*Aix sponsa*]) was 49.2 ± 0.8 [SE] million birds (Figure 3, Appendix A). This represents an 8% increase over last year's estimate of 45.6 ± 0.7 million, and is 43% higher than the long-term average^a (1955–2013; Table 1). Estimated mallard (*Anas platyrhynchos*) abundance was 10.9 ± 0.3 million, which was similar to the 2013 estimate, and 42% above the long-term average of 7.7 ± 0.04 million (Table 2). Estimated abundance of gadwall (*A. strepera*; 3.8 ± 0.2 million) was similar to the 2013 estimate and 102% above the long-term average (1.9 ± 0.02 million; Table 3). The estimate for American wigeon (*A. americana*; 3.1 ± 0.2 million) was 18% above the 2013 estimate of 2.6 ± 0.2 million and 20% above the long-term average of 2.6 ± 0.02 million (Table 4). The estimated abundance of green-winged teal (*A. crecca*) was 3.4 ± 0.2 million, which was similar to the 2013 estimate and 69% above the long-term average (2.0 ± 0.02 million; Table 5). The estimate for blue-winged teal (*A. discors*; 8.5 ± 0.5 million) was similar to the 2013 estimate and 75% above the long-term average of 4.9 ± 0.04 million (Table 6). Estimates of northern shovelers (*A. clypeata*; 5.3 ± 0.3 million) and northern pintails (*A. acuta*; 3.2 ± 0.2 million) were similar to the 2013 estimates and were 114% above and 20% below their long-term averages of 2.5 ± 0.02 million (Table 7) and 4.0 ± 0.04 million (Table 8), respectively. Abundance estimates for redheads (*Aythya americana*; 1.3 ± 0.1 million) and canvasbacks (*Aythya valisineria*; 0.7 ± 0.05 million) were similar to their 2013 estimates and were 85% and 18% above their long-term averages of 0.7 ± 0.01 million (Table 9) and 0.6 ± 0.01 million (Table 10), respectively. Estimated abundance of scaup (*A. affinis* and *A. marila* combined; 4.6 ± 0.3 million) was similar to the 2013 estimate and similar to the long-term average of 5.0 ± 0.05 million (Table 11).

Spring was delayed even later than last year across most of the survey area. Habitat conditions during the survey were mostly improved or similar to last year, due to average to above-average annual precipitation. The exceptions were west-central Alberta and east of James Bay in Quebec (Figure 4). Alaska was the only region that experienced an early spring. The total pond estimate (Prairie Canada and U.S. combined) was 7.2 ± 0.2 million which was similar to the 2013 estimate of 6.9 ± 0.2 million and 40% above the long-term average of 5.1 ± 0.03 million (Table 12, Figure 2).

In the traditional survey area, the majority of the Canadian prairies had below to well-below-average winter temperatures and average precipitation. Southern Manitoba benefitted from last year's summer and

Cover art derived from a photo by Mark Hoffman.

^aPopulations are considered to have changed from the previous year or long-term average if the observed significance value associated with change is ≤ 0.10 . Actual *P*-values are presented in tables.

fall precipitation, whereas southern Saskatchewan and most of Alberta were aided by spring 2014 precipitation. The 2014 estimate of ponds in Prairie Canada was 4.6 ± 0.2 million. This estimate was similar to the 2013 estimate (4.6 ± 0.2 million) and 33% above the 1961–2013 average (3.5 ± 0.03 million). The Parklands remained in good condition from previous years' carry-over water and the boreal region has benefitted from above-average annual precipitation. Most of the Canadian portion of the traditional survey area was rated as good or excellent this year and the region continued to receive additional precipitation after the survey.

Much of the U.S. prairies had average winter precipitation and well-below-average winter temperatures that continued into spring. Habitat conditions improved in the western Dakotas and Montana from 2013 but remained similar in the eastern Dakotas. The 2014 pond estimate for the northcentral U.S. was 2.6 ± 0.1 million which was similar to the 2013 estimate (2.3 ± 0.1 million) and 53% above the 1974–2013 average (1.7 ± 0.02 million). Waterfowl habitat in North Dakota remains under pressure from wetland drainage, loss of CRP grasses, and energy development.

In 2005, the USFWS and CWS began to integrate data from two previously independent waterfowl surveys conducted in eastern North America into a single composite estimate using hierarchical models. Consequently, total indicated bird definitions for American black ducks (*Anas rubripes*) were modified to provide a common index across surveys, and adjustments were made to the geographic stratification of the eastern survey area. Additional refinements to analytical methods are incorporated in the estimates presented in this report. For these reasons, population estimates presented in this report for the eastern survey area (Figure 1; Table 13) are not directly comparable with estimates presented in reports issued prior to 2006. Specifically, estimates are presented for only a portion of the eastern survey area and include data from strata 51, 52, 63, 64, 66–68, and 70–72. These 10 strata were chosen for presentation because at least one survey (i.e., either the CWS or USFWS survey) was conducted for each of these strata for the full period of record of the eastern survey (1990–2014). In cases where the USFWS has traditionally not recorded observations to the species level, composite estimates are provided only for multiple-species groupings (i.e., mergansers and goldeneyes [*Bucephala clangula* and *B. islandica*]). The CWS and USFWS agreed to use the hierarchical modeling approach for all species in the east. Currently, the models perform well for the six most common species. In previous years, we used design-based estimates and an overall mean across the two surveys, weighted by their precision, to derive integrated annual population indices for the less common American wigeon, scaup, bufflehead (*B. albeola*), and scoters until the hierarchical models could adequately accommodate the data for these species. These estimates have been discontinued because of concerns about (1) the appropriateness of weighting estimates from these surveys by precision, and (2) whether estimates for some species should be integrated given the data quality and coverage in the eastern survey. Nonetheless, the USFWS will continue to explore methods for deriving integrated estimates for some of the less common species in the eastern survey area. Analytical methods applied to eastern survey area data and results will be presented in greater detail in the 2014 Waterfowl Status Report.

Estimated abundance of American black ducks in the eastern survey area was 0.6 ± 0.04 million which was similar to last year and the 1990–2013 average. The estimated abundance of mallards was 0.4 ± 0.1 million, which was similar to the 2013 estimate and the 1990–2013 average. Abundance estimates of green-winged teal (0.2 ± 0.04 million) and ring-necked ducks (0.5 ± 0.1 million) were 19% and 22% below their 2013 estimates, and similar to their 1990–2013 averages, respectively. Abundance estimates for goldeneyes and mergansers were similar to last year's estimates and their 1990–2013 averages (Table 13, Figure 6, Appendix B).

Winter and spring temperatures in the eastern survey area were also well below normal with most areas receiving average to above-average precipitation. Habitat conditions were similar to 2013 or improved, particularly in the northeastern United States. An exception was the area east of James Bay in Quebec which has experienced dry conditions and extensive wildfires. Less flooding was noted across the eastern survey area, in contrast to some years, and continued cool, damp spring conditions in the Maritimes could limit waterfowl production.

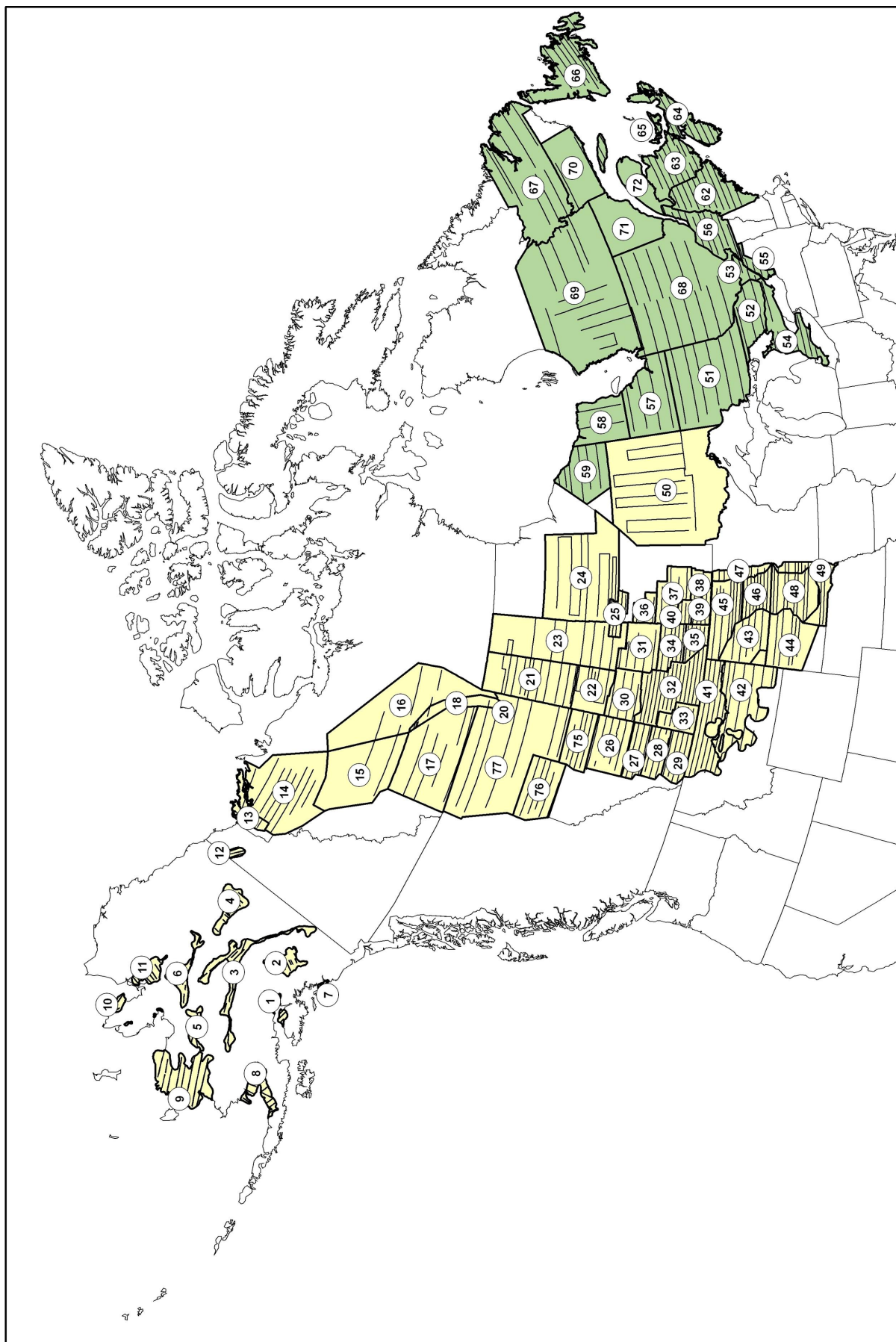


Figure 1. Strata and transects of the Waterfowl Breeding Population and Habitat Survey (yellow = traditional survey area, green = eastern survey area).

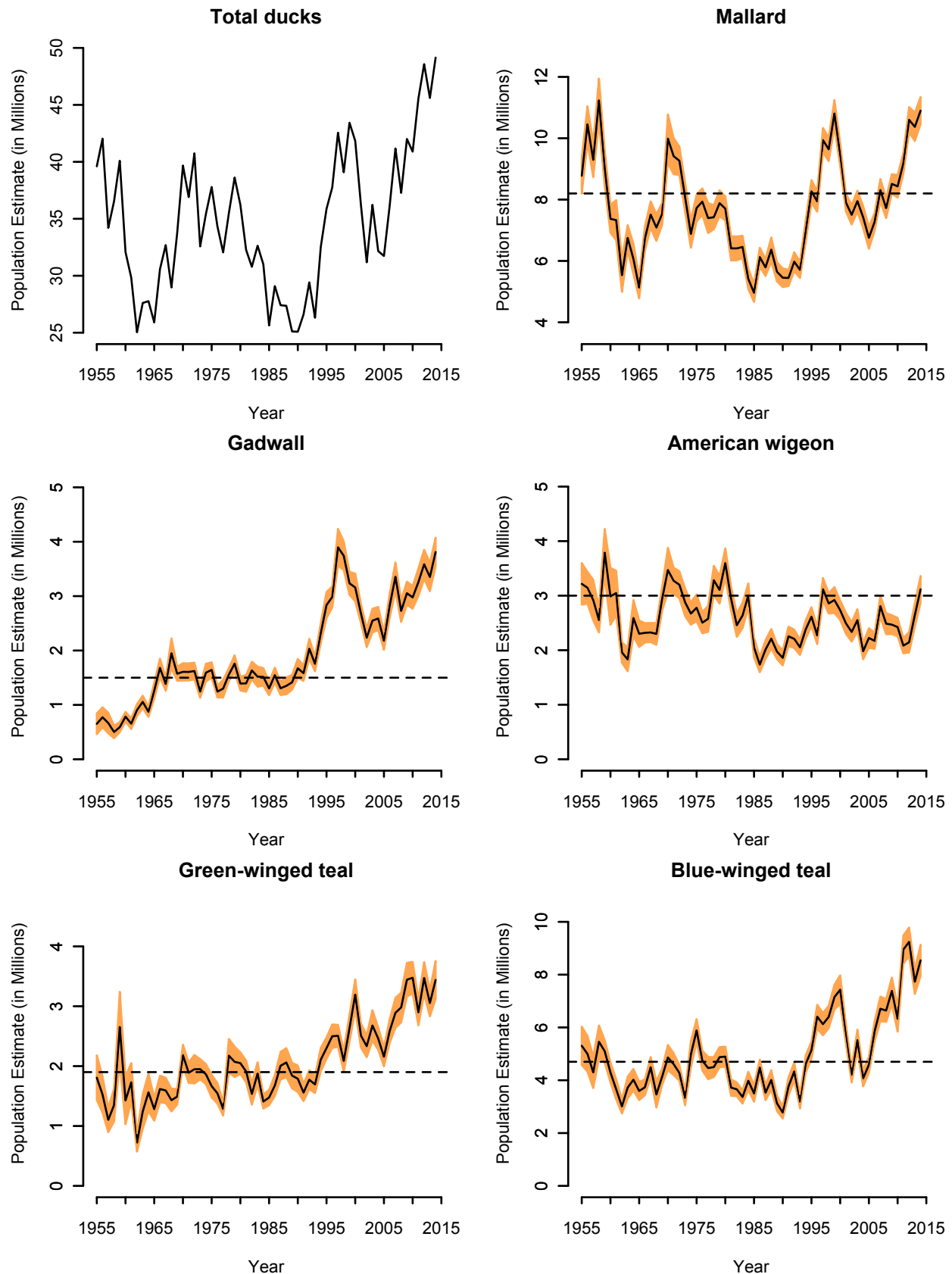


Figure 3. Breeding population estimates, 90% confidence intervals, and North American Waterfowl Management Plan population goal (dashed line) for selected species in the traditional survey area (strata 1–18, 20–50, 75–77).

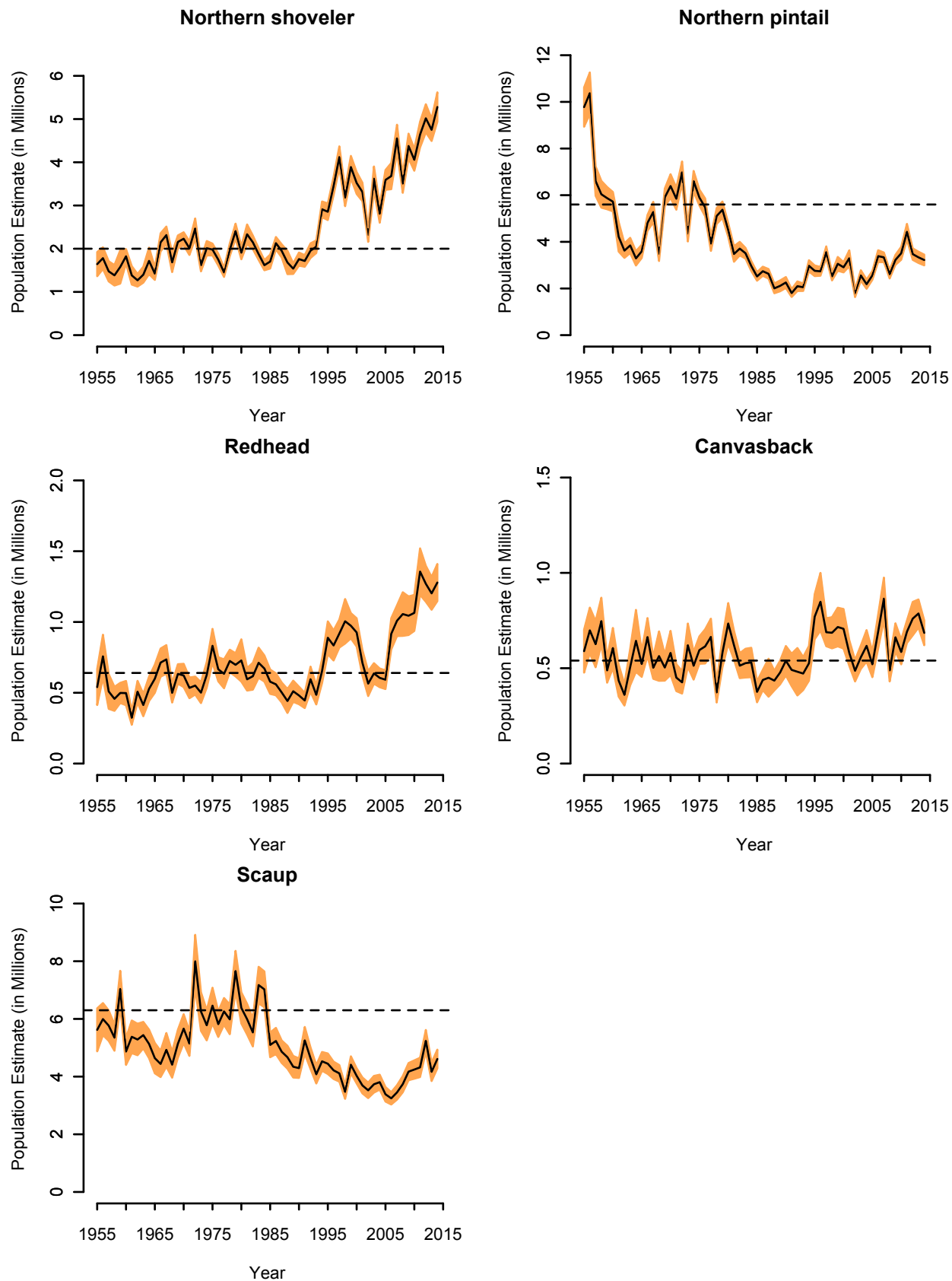


Figure 3. Continued.

Breeding population estimates (X 1,000) for 10 species of ducks from the traditional survey area, 1955-2014.

Year	Mallard	Gadwall	Am. Wigeon	GW Teal	BW Teal	N. Shoveler	N. Pintail	Redhead	Canvasback	Scaup	Total
1955	8,777.3	651.5	3,216.8	1,807.2	5,305.2	1,642.8	9,775.1	539.9	589.3	5,620.1	37,925.2
1956	10,452.7	772.6	3,145.0	1,525.3	4,997.6	1,781.4	10,372.8	757.3	698.5	5,994.1	40,497.3
1957	9,296.9	666.8	2,919.8	1,102.9	4,299.5	1,476.1	6,606.9	509.1	626.1	5,766.9	33,271.0
1958	11,234.2	502.0	2,551.7	1,347.4	5,456.6	1,383.8	6,037.9	457.1	746.8	5,350.4	35,067.9
1959	9,024.3	590.0	3,787.7	2,653.4	5,099.3	1,577.6	5,872.7	498.8	488.7	7,037.6	36,630.1
1960	7,371.7	784.1	2,987.6	1,426.9	4,293.0	1,824.5	5,722.2	497.8	605.7	4,868.6	30,382.1
1961	7,330.0	654.8	3,048.3	1,729.3	3,655.3	1,383.0	4,218.2	323.3	435.3	5,380.0	28,157.5
1962	5,535.9	905.1	1,958.7	722.9	3,011.1	1,269.0	3,623.5	507.5	360.2	5,286.1	23,180.0
1963	6,748.8	1,055.3	1,830.8	1,242.3	3,723.6	1,398.4	3,846.0	413.4	506.2	5,438.4	26,203.2
1964	6,063.9	873.4	2,589.6	1,561.3	4,020.6	1,718.3	3,291.2	528.1	643.6	5,131.8	26,421.8
1965	5,131.7	1,260.3	2,301.1	1,282.0	3,594.5	1,423.7	3,591.9	599.3	522.1	4,640.0	24,346.6
1966	6,731.9	1,680.4	2,318.4	1,617.3	3,733.2	2,147.0	4,811.9	713.1	663.1	4,439.2	28,855.5
1967	7,509.5	1,384.6	2,325.5	1,593.7	4,491.5	2,314.7	5,277.7	735.7	502.6	4,927.7	31,063.2
1968	7,089.2	1,949.0	2,298.6	1,430.9	3,462.5	1,684.5	3,489.4	499.4	563.7	4,412.7	26,879.9
1969	7,531.6	1,573.4	2,941.4	1,491.0	4,138.6	2,156.8	5,903.9	633.2	503.5	5,139.8	32,013.2
1970	9,985.9	1,608.1	3,469.9	2,182.5	4,861.8	2,230.4	6,392.0	622.3	580.1	5,662.5	37,595.5
1971	9,416.4	1,605.6	3,272.9	1,889.3	4,610.2	2,011.4	5,847.2	534.4	450.7	5,143.3	34,781.4
1972	9,265.5	1,622.9	3,200.1	1,948.2	4,278.5	2,466.5	6,979.0	550.9	425.9	7,997.0	38,734.5
1973	8,079.2	1,245.6	2,877.9	1,949.2	3,332.5	1,619.0	4,356.2	500.8	620.5	6,257.4	30,838.3
1974	6,880.2	1,592.4	2,672.0	1,864.5	4,976.2	2,011.3	6,598.2	626.3	512.8	5,780.5	33,514.4
1975	7,726.9	1,643.9	2,778.3	1,664.8	5,885.4	1,980.8	5,900.4	831.9	595.1	6,460.0	35,467.5
1976	7,933.6	1,244.8	2,505.2	1,547.5	4,744.7	1,748.1	5,475.6	665.9	614.4	5,818.7	32,298.5
1977	7,397.1	1,299.0	2,575.1	1,285.8	4,462.8	1,451.8	3,926.1	634.0	664.0	6,260.2	29,955.9
1978	7,425.0	1,558.0	3,282.4	2,174.2	4,498.6	1,975.3	5,108.2	724.6	373.2	5,984.4	33,103.9
1979	7,883.4	1,757.9	3,106.5	2,071.7	4,875.9	2,406.5	5,376.1	697.5	582.0	7,657.9	36,415.4
1980	7,706.5	1,392.9	3,595.5	2,049.9	4,895.1	1,908.2	4,508.1	728.4	734.6	6,381.7	33,900.9
1981	6,409.7	1,395.4	2,946.0	1,910.5	3,720.6	2,333.6	3,479.5	594.9	620.8	5,990.9	29,401.9
1982	6,408.5	1,633.8	2,458.7	1,535.7	3,657.6	2,147.6	3,708.8	616.9	513.3	5,532.0	28,212.9
1983	6,456.0	1,519.2	2,636.2	1,875.0	3,366.5	1,875.7	3,510.6	711.9	526.6	7,173.8	29,651.5
1984	5,415.3	1,515.0	3,002.2	1,408.2	3,979.3	1,618.2	2,964.8	671.3	530.1	7,024.3	28,128.7
1985	4,960.9	1,303.0	2,050.7	1,475.4	3,502.4	1,702.1	2,515.5	578.2	375.9	5,098.0	23,562.1
1986	6,124.2	1,547.1	1,736.5	1,674.9	4,478.8	2,128.2	2,739.7	559.6	438.3	5,235.3	26,662.6
1987	5,789.8	1,305.6	2,012.5	2,006.2	3,528.7	1,950.2	2,628.3	502.4	450.1	4,862.7	25,036.5
1988	6,369.3	1,349.9	2,211.1	2,060.8	4,011.1	1,680.9	2,005.5	441.9	435.0	4,671.4	25,236.9
1989	5,645.4	1,414.6	1,972.9	1,841.7	3,125.3	1,538.3	2,111.9	510.7	477.4	4,342.1	22,980.3
1990	5,452.4	1,672.1	1,860.1	1,789.5	2,776.4	1,759.3	2,256.6	480.9	539.3	4,293.1	22,879.7
1991	5,444.6	1,583.7	2,254.0	1,557.8	3,763.7	1,716.2	1,803.4	445.6	491.2	5,254.9	24,315.1
1992	5,976.1	2,032.8	2,208.4	1,773.1	4,333.1	1,954.4	2,098.1	595.6	481.5	4,639.2	26,092.3
1993	5,708.3	1,755.2	2,053.0	1,694.5	3,192.9	2,046.5	2,053.4	485.4	472.1	4,080.1	23,541.4
1994	6,980.1	2,318.3	2,382.2	2,108.4	4,616.2	2,912.0	2,972.3	653.5	525.6	4,529.0	29,997.6
1995	8,269.4	2,835.7	2,614.5	2,300.6	5,140.0	2,854.9	2,757.9	888.5	770.6	4,446.4	32,878.5
1996	7,941.3	2,984.0	2,273.3	2,459.2	6,415.9	3,449.0	2,735.9	834.2	848.5	4,250.1	34,191.4
1997	9,939.7	3,897.2	3,117.6	2,506.6	6,124.3	4,120.4	3,558.0	918.3	688.8	4,112.3	38,983.2
1998	9,640.3	3,742.2	2,857.7	2,087.3	6,398.8	3,183.2	2,520.6	1,005.1	685.8	3,471.9	35,592.9
1999	10,805.7	3,235.5	2,920.1	2,631.0	7,149.5	3,889.5	3,057.9	973.4	716.0	4,411.7	39,790.3
2000	9,470.2	3,158.4	2,733.1	3,193.5	7,431.4	3,520.7	2,907.6	926.3	706.8	4,026.3	38,074.3
2001	7,904.0	2,679.2	2,493.5	2,508.7	5,757.0	3,313.5	3,296.0	712.0	579.8	3,694.0	32,937.7
2002	7,503.7	2,235.4	2,334.4	2,333.5	4,206.5	2,318.2	1,789.7	564.8	486.6	3,524.1	27,296.9
2003	7,949.7	2,549.0	2,551.4	2,678.5	5,518.2	3,619.6	2,558.2	636.8	557.6	3,734.4	32,353.4
2004	7,425.3	2,589.6	1,981.3	2,460.8	4,073.0	2,810.4	2,184.6	605.3	617.2	3,807.2	28,554.7
2005	6,755.3	2,179.1	2,225.1	2,156.9	4,585.5	3,591.5	2,560.5	592.3	520.6	3,386.9	28,553.7
2006	7,276.5	2,824.7	2,171.2	2,587.2	5,859.6	3,680.2	3,386.4	916.3	691.0	3,246.7	32,639.8
2007	8,307.3	3,355.9	2,806.8	2,890.3	6,707.6	4,552.8	3,335.3	1,009.0	864.9	3,452.2	37,282.1
2008	7,723.8	2,727.7	2,486.6	2,979.7	6,640.1	3,507.8	2,612.8	1,056.0	488.7	3,738.3	33,961.5
2009	8,512.3	3,053.5	2,468.5	3,443.5	7,383.8	4,376.3	3,224.9	1,044.1	662.1	4,172.0	38,341.0
2010	8,429.5	2,976.7	2,424.6	3,475.9	6,328.5	4,057.4	3,508.6	1,064.2	585.2	4,244.4	37,095.0
2011	9,182.6	3,256.9	2,084.0	2,900.1	8,948.5	4,641.0	4,428.6	1,356.1	691.6	4,319.3	41,808.7
2012	10,601.5	3,585.6	2,145.0	3,471.2	9,242.3	5,017.6	3,473.1	1,269.9	759.9	5,238.6	44,804.7
2013	10,371.9	3,351.4	2,644.3	3,053.4	7,731.7	4,751.0	3,335.0	1,202.2	787.0	4,165.7	41,393.6
2014	10,899.8	3,811.0	3,116.7	3,439.9	8,541.5	5,278.9	3,220.3	1,278.7	685.3	4,611.1	44,883.1
Avg. 1955-2014	7,726.3	1,920.8	2,596.5	2,057.2	4,949.0	2,514.8	4,003.5	700.5	581.3	5,027.0	32,076.9
% Change from: 1955-13 Avg. 2013	42.1% 5.1%	101.8% 13.7%	20.4% 17.9%	69.1% 12.7%	74.7% 10.5%	113.9% 11.1%	-19.8% -3.4%	85.1% 6.4%	18.2% -12.9%	-8.4% 10.7%	40.9% 8.4%

**Mallard breeding population estimates, adjusted for birds present that were not seen by aerial crews, in
Surveyed Areas (Strata 1-18, 20-50 and 75-77)**

Year	Alaska- Yukon 1-12	NAlbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	173,246	1,635,090	1,906,984	410,273	3,317,190	287,171	424,781	280,508	173,706	127,194	41,152	8,777,294
1956	174,466	1,472,958	1,757,634	504,848	4,691,429	403,021	627,975	279,070	199,516	158,004	183,768	10,452,690
1957	160,144	1,045,916	1,986,693	366,311	3,987,910	277,224	712,945	279,487	225,783	185,063	69,412	9,296,888
1958	185,939	1,385,330	2,072,202	514,102	4,533,958	586,439	920,607	280,913	402,371	208,351	144,031	11,234,244
1959	214,046	2,764,253	1,753,018	565,137	2,152,157	349,778	545,446	282,711	162,220	108,239	127,283	9,024,288
1960	159,377	760,753	1,502,358	265,627	2,967,483	243,445	526,169	284,448	288,540	176,576	196,876	7,371,652
1961	284,998	2,303,954	1,330,884	243,517	1,649,689	298,019	331,411	285,897	225,898	212,110	163,578	7,329,954
1962	171,743	1,285,875	983,105	217,203	1,125,920	303,783	193,720	286,960	238,120	367,342	362,134	5,535,905
1963	208,939	1,413,733	1,227,931	249,347	1,551,425	247,835	327,684	287,582	512,813	535,847	185,692	6,748,828
1964	106,147	1,364,808	1,119,407	397,212	1,387,258	231,092	418,015	287,740	271,112	261,100	219,974	6,063,865
1965	189,593	725,018	893,925	429,939	1,069,927	390,232	271,519	363,332	430,225	314,459	53,533	5,131,702
1966	128,491	828,963	1,546,738	359,498	1,975,568	191,860	333,193	489,369	507,131	216,322	154,744	6,731,878
1967	256,758	745,024	1,502,441	884,893	1,888,409	657,305	289,357	320,900	545,034	248,221	171,206	7,509,548
1968	240,929	942,097	911,963	685,672	2,132,153	772,618	197,783	198,498	434,642	450,675	122,208	7,089,238
1969	162,856	705,811	1,121,447	804,434	2,179,962	866,778	356,523	291,273	462,627	443,342	136,562	7,531,615
1970	293,897	941,420	1,594,553	995,521	2,945,486	1,148,041	447,844	311,489	736,613	515,243	155,766	9,985,873
1971	167,149	981,425	1,871,286	541,859	3,407,249	497,077	288,941	273,902	769,304	392,039	226,142	9,416,373
1972	261,877	1,435,377	1,825,320	487,928	2,711,463	382,274	431,017	374,195	673,999	492,991	189,109	9,265,550
1973	245,252	1,047,395	1,729,505	503,600	2,369,095	482,395	233,686	261,261	547,173	432,593	227,248	8,079,202
1974	278,242	822,886	1,576,215	391,694	2,073,786	227,873	341,429	198,227	458,415	276,526	234,860	6,880,153
1975	132,692	1,004,359	1,398,330	414,730	2,449,214	310,156	379,809	478,399	566,489	354,263	238,437	7,726,878
1976	181,397	465,460	1,453,591	634,169	3,044,740	679,185	540,411	167,955	367,999	256,226	242,454	7,933,588
1977	459,778	944,191	853,258	547,034	2,869,326	572,775	254,066	171,021	292,069	186,788	246,755	7,397,061
1978	318,842	951,721	823,488	916,508	1,917,559	628,856	290,484	282,539	506,552	537,335	251,083	7,424,968
1979	275,779	1,084,674	983,127	717,078	2,244,208	622,268	359,782	258,262	641,351	441,717	255,194	7,883,440
1980	399,102	1,164,920	975,156	588,179	2,262,999	562,066	414,664	256,221	485,352	338,864	258,960	7,706,483
1981	476,251	931,305	947,057	557,101	1,509,802	631,753	352,948	245,793	308,640	186,758	262,293	6,409,701
1982	254,727	757,380	765,771	502,446	1,941,081	420,651	419,630	323,534	466,460	291,667	265,128	6,408,475
1983	321,687	1,278,635	845,564	410,502	1,670,142	363,549	354,567	230,068	398,866	314,917	267,511	6,456,007
1984	504,182	715,489	713,044	377,548	1,364,736	218,811	176,720	189,805	550,325	334,941	269,670	5,415,271
1985	219,055	831,328	802,991	309,050	1,173,330	291,016	238,763	151,976	361,377	310,062	271,920	4,960,868
1986	233,539	1,419,972	698,795	291,326	1,542,604	171,796	382,585	156,860	487,789	531,993	206,977	6,124,236
1987	185,802	934,840	753,948	496,980	1,273,327	258,634	249,911	240,889	582,640	556,751	256,054	5,789,776
1988	356,711	1,304,591	627,426	647,899	1,389,229	332,157	273,493	217,998	354,946	374,120	490,771	6,369,341
1989	411,507	961,780	585,874	426,745	951,715	489,303	238,337	282,795	403,974	471,987	421,423	5,645,440
1990	366,933	945,897	778,677	510,374	1,253,692	413,673	292,954	148,364	142,208	183,525	416,088	5,452,385
1991	385,319	905,433	769,227	600,071	1,031,104	451,958	236,481	222,694	261,820	342,556	237,917	5,444,580
1992	345,708	882,323	733,528	497,846	1,293,391	573,396	334,241	239,903	364,119	360,605	351,017	5,976,077
1993	282,983	941,493	753,847	506,686	1,036,406	533,026	243,692	288,604	374,137	491,482	255,939	5,708,293
1994	350,875	734,870	848,784	488,337	1,380,293	653,039	300,840	368,652	900,684	715,853	237,839	6,980,066
1995	524,200	1,010,534	778,457	541,940	1,808,542	565,237	416,244	365,957	1,063,877	919,702	274,725	8,269,415
1996	522,006	676,727	793,817	364,846	2,142,740	286,503	358,512	386,939	1,100,478	839,766	468,980	7,941,315
1997	584,247	1,205,629	883,563	561,148	2,450,765	348,194	436,468	641,219	1,377,709	1,323,164	127,589	9,939,695
1998	836,216	1,054,582	950,114	539,919	2,448,699	250,592	439,468	549,486	1,267,718	1,035,640	267,929	9,640,364
1999	713,054	2,040,801	1,031,842	689,425	2,528,577	322,345	514,435	319,037	1,490,922	1,016,387	138,857	10,805,682
2000	770,333	1,288,093	833,157	474,891	2,266,723	413,433	367,667	304,085	1,482,785	1,108,387	160,656	9,470,212
2001	718,286	979,033	743,759	342,629	1,649,653	158,540	445,965	239,131	1,484,312	1,040,498	102,149	7,903,955
2002	667,339	1,182,336	793,296	468,202	1,212,517	404,834	400,670	185,751	1,247,730	699,279	241,753	7,503,707
2003	843,497	851,810	627,097	375,453	2,110,665	284,152	504,996	279,704	1,051,070	577,518	443,781	7,949,743
2004	811,135	776,385	600,099	362,971	1,609,494	390,372	393,429	262,813	1,152,912	535,664	530,040	7,425,314
2005	703,140	533,133	671,364	270,522	1,728,862	168,360	454,765	177,533	1,070,824	478,504	498,260	6,755,268
2006	515,821	558,073	900,747	326,918	1,831,707	150,157	511,286	348,495	1,247,464	707,311	178,561	7,276,538
2007	581,493	887,452	830,157	295,646	2,155,069	248,192	387,183	319,737	1,399,546	882,490	320,331	8,307,296
2008	532,414	1,079,188	875,215	339,320	1,907,131	250,037	380,904	190,959	1,010,511	701,411	456,719	7,723,809
2009	502,970	1,079,740	753,955	422,127	1,866,899	272,408	417,281	187,216	1,716,724	1,057,129	235,928	8,512,378
2010	605,556	1,423,198	597,692	306,668	1,698,950	149,829	350,824	209,104	1,604,501	1,139,697	344,118	8,430,138
2011	415,825	974,976	938,591	316,456	2,093,040	183,837	521,185	367,036	1,757,278	1,286,307	328,059	9,182,591
2012	505,583	1,547,098	1,260,530	197,874	2,502,082	246,273	401,020	423,239	1,718,486	1,204,964	594,366	10,601,516
2013	338,379	1,020,349	1,141,041	362,745	2,575,586	391,731	448,205	431,852	1,872,567	1,116,414	673,022	10,371,890
2014	500,879	1,757,212	1,443,553	303,596	2,553,334	160,928	601,731	463,744	1,543,249	909,698	661,898	10,899,822
% Chg. from: 1955-2013	48.0% 33.0%	72.2% 62.2%	26.5% 34.5%	-16.3% -35.6%	-0.9% 23.2%	-58.9% -59.4%	34.3% 56.4%	7.4% 60.7%	-17.6% 110.8%	-18.5% 71.6%	-1.7% 152.7%	5.1% 42.1%
Average: 1955-2013 1955-2014	376,584 378,656	1,083,693 1,094,918	1,073,383 1,079,552	471,507 468,709	2,072,951 2,080,958	396,735 392,805	384,829 388,444	288,634 291,552	732,211 745,728	530,083 536,410	261,941 268,607	7,672,551 7,726,339

Northern Pintail breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	662,213	1,161,391	1,591,524	21,000	5,076,494	121,679	213,432	469,606	260,135	197,602	0	9,775,075
1956	676,914	687,713	1,521,459	48,017	6,222,181	12,087	284,112	428,270	283,170	199,278	9,600	10,372,801
1957	399,215	585,165	1,250,631	16,218	3,245,914	19,777	192,281	393,643	303,660	200,382	0	6,606,886
1958	752,478	1,133,922	1,223,870	7,000	1,813,032	23,537	187,395	363,966	330,381	202,340	0	6,037,921
1959	1,051,707	2,583,695	832,648	39,492	775,041	26,262	127,774	338,157	62,756	25,486	9,722	5,872,740
1960	742,531	697,882	1,087,483	10,386	1,665,516	40,593	217,171	315,459	632,667	305,705	6,767	5,722,160
1961	634,899	1,277,718	513,319	96,608	846,659	32,440	97,951	295,328	244,866	175,384	2,986	4,218,159
1962	864,991	447,030	328,585	5,333	581,072	25,124	104,810	279,121	429,630	557,827	0	3,623,524
1963	860,955	307,522	811,931	24,846	823,901	26,675	177,122	267,319	320,684	221,604	3,455	3,846,015
1964	773,552	475,679	417,623	27,249	853,386	32,756	114,949	256,917	230,271	108,845	0	3,291,227
1965	586,251	453,537	777,086	14,150	716,564	20,412	129,038	287,381	478,551	128,948	0	3,591,918
1966	717,673	202,821	1,265,152	22,659	1,504,782	13,342	96,677	262,948	495,296	228,857	1,727	4,811,934
1967	681,344	148,650	1,559,463	12,775	1,671,102	26,918	168,713	277,264	544,897	186,567	0	5,277,693
1968	1,444,503	227,653	501,554	23,754	809,172	52,719	54,594	72,242	169,388	129,066	4,751	3,489,395
1969	645,624	98,275	1,584,537	16,710	1,956,154	86,549	266,627	156,393	693,690	396,592	3,097	5,903,888
1970	733,465	165,221	1,366,414	50,116	2,417,173	99,953	198,759	191,248	831,647	333,346	4,645	6,391,977
1971	452,464	132,797	1,763,054	7,104	2,222,040	65,102	139,535	124,271	690,018	247,793	3,025	5,847,204
1972	898,932	468,661	1,716,409	12,477	2,261,553	18,243	211,972	240,596	749,088	395,438	5,585	6,978,954
1973	1,120,482	378,960	1,025,103	18,301	1,006,310	27,390	73,556	167,738	257,067	275,120	6,193	4,356,220
1974	937,980	320,614	2,123,070	10,475	2,185,998	12,316	301,804	116,837	487,140	99,102	2,847	6,598,182
1975	651,918	442,791	1,553,133	22,807	2,050,332	27,342	216,198	259,226	455,636	218,206	2,781	5,900,370
1976	854,383	267,420	956,502	27,342	2,549,564	21,972	249,401	226,045	208,596	111,709	2,711	5,475,644
1977	1,931,166	551,600	345,799	18,581	672,535	37,196	26,195	118,461	91,100	130,825	2,635	3,926,093
1978	1,011,857	263,202	1,087,568	43,425	961,787	31,321	90,648	348,892	588,480	678,446	2,552	5,108,179
1979	752,148	236,300	1,456,351	12,985	1,579,919	17,960	195,928	324,778	517,345	279,961	2,458	5,376,133
1980	1,816,457	296,128	842,287	14,309	897,591	12,243	68,588	146,576	291,799	119,748	2,351	4,508,077
1981	1,488,696	346,317	657,342	24,776	526,183	29,375	59,014	157,301	135,216	53,035	2,224	3,479,479
1982	788,226	112,303	576,822	14,626	1,222,040	5,094	107,096	306,898	369,370	204,208	2,074	3,708,758
1983	925,329	410,376	380,814	1,420	1,029,352	22,772	97,235	88,288	329,403	223,757	1,895	3,510,642
1984	925,967	460,038	299,777	8,819	492,073	10,847	26,871	99,750	375,459	263,519	1,681	2,964,801
1985	637,131	291,798	593,397	4,591	520,629	4,964	40,786	56,540	198,915	165,314	1,428	2,515,493
1986	882,518	185,330	242,646	10,888	545,934	6,194	120,539	95,893	259,981	389,524	0	2,739,747
1987	959,434	231,444	447,350	11,214	343,843	25,237	56,304	146,019	191,641	212,761	3,097	2,628,344
1988	1,142,541	198,857	171,394	10,358	113,754	5,313	33,566	61,603	149,721	118,415	0	2,005,522
1989	878,625	213,321	313,638	1,869	363,716	8,675	16,783	58,023	108,964	148,288	0	2,111,902
1990	1,102,962	170,079	317,734	7,135	336,665	5,778	55,256	131,150	61,778	63,448	4,645	2,256,630
1991	1,026,244	225,580	116,271	17,483	220,989	10,833	23,785	43,099	49,285	69,816	0	1,803,385
1992	899,710	275,123	103,933	3,163	456,880	15,659	90,449	75,490	112,069	65,662	0	2,098,139
1993	743,329	228,928	372,521	2,858	240,368	3,983	37,524	130,383	126,874	166,650	0	2,053,418
1994	787,540	104,885	383,404	5,547	785,173	7,885	47,704	244,538	375,517	230,075	0	2,972,266
1995	809,938	102,228	198,200	16,427	554,227	23,773	109,443	154,535	424,940	364,156	0	2,757,866
1996	776,099	56,382	333,503	1,944	807,418	1,764	84,460	135,555	351,481	187,257	0	2,735,862
1997	647,490	249,472	472,805	17,698	1,123,865	4,603	64,691	209,306	418,148	349,913	0	3,557,991
1998	945,957	186,398	166,284	5,172	551,839	3,786	63,689	110,902	281,172	205,449	0	2,520,649
1999	1,021,885	182,712	114,998	2,786	875,231	5,973	61,508	131,841	459,058	201,896	0	3,057,888
2000	1,452,235	220,276	188,826	9,598	463,613	6,272	44,686	58,737	262,801	200,516	0	2,907,559
2001	1,426,489	174,799	66,077	3,717	680,017	6,193	97,079	79,030	377,027	385,387	0	3,295,994
2002	941,985	187,162	72,984	1,897	181,841	9,543	31,572	46,953	227,695	88,076	0	1,789,710
2003	848,188	169,798	251,949	2,547	993,374	3,060	39,240	94,951	116,096	39,027	0	2,558,229
2004	927,354	193,399	161,341	6,106	473,686	4,229	39,665	77,921	237,066	63,835	0	2,184,602
2005	905,431	108,257	282,273	7,686	857,542	764	67,944	45,605	212,799	72,231	0	2,560,530
2006	1,041,069	125,819	610,998	1,876	1,023,592	3,975	57,308	181,309	215,751	124,728	0	3,386,425
2007	1,134,655	234,388	324,150	1,218	960,301	4,212	14,908	76,247	316,508	268,716	0	3,335,302
2008	1,249,960	331,197	240,017	3,160	422,765	929	29,409	28,618	147,074	159,711	0	2,612,841
2009	929,569	243,149	171,944	7,565	444,195	12,249	47,846	159,917	746,512	460,363	1,649	3,224,957
2010	1,163,793	338,009	241,683	2,393	331,830	3,250	18,434	70,590	681,825	656,751	0	3,508,558
2011	745,505	121,076	655,024	6,163	1,106,403	3,822	38,479	140,518	1,032,158	579,502	0	4,428,650
2012	1,175,893	78,534	357,036	12,363	605,083	3,480	22,116	106,723	654,673	457,182	0	3,473,083
2013	994,601	234,809	367,741	4,271	824,863	5,267	35,652	50,751	584,544	232,496	0	3,334,993
2014	701,066	317,553	461,002	3,667	739,387	1,505	49,111	109,064	588,093	249,847	0	3,220,296
% Chg. from:												
2013	-29.5%	35.2%	25.4%	-14.1%	-10.4%	-71.4%	37.8%	114.9%	0.6%	7.5%	-	-3.4%
1955-2013	-24.8%	-10.8%	-31.6%	-74.9%	-35.7%	-92.6%	-51.6%	-38.0%	63.4%	8.2%	-	-19.8%
Average:												
1955-2013	931,906	356,018	673,855	14,635	1,149,916	20,367	101,456	175,994	359,991	230,946	1,671	4,016,756
1955-2014	928,059	355,377	670,307	14,452	1,143,074	20,053	100,584	174,879	363,793	231,261	1,643	4,003,481

**Gadwall breeding population estimates, adjusted for birds present that were not seen by aerial crews, in
Surveyed Areas (Strata 1-18, 20-50 and 75-77).**

Year	Alaska- Yukon 1-12	NAlbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	582	1,301	200,319	1,013	359,048	3,831	27,595	57,809	0	0	0	651,497
1956	533	983	269,942	1,015	422,148	0	18,892	59,127	0	0	0	772,639
1957	926	1,566	187,084	0	375,700	5,559	23,559	60,482	11,951	0	0	666,826
1958	121	3,536	219,587	0	136,737	0	34,053	61,664	44,779	1,565	0	502,042
1959	1,106	1,768	275,747	25,705	171,409	9,194	26,280	62,584	13,395	0	2,770	589,959
1960	713	0	369,182	1,013	227,008	354	27,597	63,201	85,151	9,852	0	784,071
1961	95	12,931	279,615	28,593	126,780	15,094	52,821	63,533	56,431	18,938	0	654,832
1962	486	9,104	207,811	7,091	342,747	5,301	38,765	63,648	156,176	73,946	0	905,075
1963	0	1,455	198,773	9,355	319,375	13,791	70,482	64,234	213,813	164,020	0	1,055,298
1964	742	9,781	256,634	8,527	317,564	16,266	54,384	65,577	86,000	53,567	4,331	873,374
1965	133	7,580	200,306	26,426	481,176	15,382	39,122	147,941	226,791	115,418	0	1,260,275
1966	1,392	1,879	479,606	21,157	575,370	9,267	78,826	130,496	269,506	112,942	0	1,680,441
1967	1,243	6,650	415,764	51,344	409,166	15,913	82,038	99,978	216,167	75,134	11,237	1,384,634
1968	86	13,410	491,606	26,183	679,884	50,659	42,690	93,740	352,933	197,764	0	1,948,955
1969	85	4,289	338,981	28,541	463,498	54,015	22,792	94,256	323,122	243,811	0	1,573,390
1970	85	22,685	343,276	13,514	511,537	24,961	50,295	53,286	373,913	214,520	0	1,608,072
1971	85	7,607	362,838	6,618	590,171	21,607	31,316	49,061	372,152	162,221	1,940	1,605,616
1972	85	23,022	444,939	10,066	488,815	27,719	67,088	15,537	353,577	192,095	0	1,622,943
1973	513	16,412	281,022	20,472	451,507	22,547	66,387	11,834	223,219	149,939	1,765	1,245,616
1974	5,343	8,215	495,640	5,568	644,723	9,439	52,797	69,594	213,562	85,538	1,932	1,592,352
1975	903	6,354	303,696	2,957	744,569	13,960	40,137	72,886	330,130	126,365	1,925	1,643,881
1976	552	6,659	308,696	6,709	679,395	8,249	56,163	65,331	76,513	44,577	1,915	1,244,760
1977	83	34,396	392,235	23,172	607,488	18,705	66,910	19,680	103,043	31,383	1,896	1,298,990
1978	2,042	18,044	279,676	5,175	532,861	21,566	44,402	174,820	243,929	233,614	1,859	1,557,988
1979	735	43,567	346,447	4,436	695,477	14,675	66,298	78,607	369,170	136,682	1,798	1,757,892
1980	702	56,477	319,614	14,712	474,563	28,218	119,359	83,470	224,308	69,750	1,711	1,392,884
1981	2,450	61,724	309,430	39,370	409,483	24,578	57,657	119,920	255,598	113,559	1,598	1,395,366
1982	2,081	58,282	215,521	9,130	619,727	14,439	47,725	95,058	381,220	189,116	1,465	1,633,765
1983	1,386	8,326	142,293	14,988	573,312	3,536	49,109	70,961	435,011	218,964	1,324	1,519,210
1984	3,949	37,570	204,445	8,057	411,816	1,768	15,533	38,257	528,762	263,700	1,188	1,515,045
1985	2,252	18,558	164,891	2,218	588,412	10,595	54,735	40,754	274,029	145,467	1,075	1,302,886
1986	0	69,548	226,430	4,436	559,866	10,586	100,438	33,813	287,727	254,295	0	1,547,139
1987	653	42,271	127,093	8,145	539,128	8,827	63,430	32,634	275,941	205,720	1,765	1,305,607
1988	6,004	68,443	256,444	18,780	376,208	17,622	56,534	30,705	294,947	222,476	1,765	1,349,928
1989	4,915	87,357	250,164	6,653	387,935	11,110	60,414	128,519	296,307	177,651	3,529	1,414,554
1990	4,597	106,608	414,419	8,578	539,476	9,548	110,506	56,651	296,014	125,666	0	1,672,063
1991	8,875	81,961	292,740	29,830	507,677	19,589	65,251	96,896	197,924	282,912	0	1,583,655
1992	4,395	99,297	357,967	3,702	626,929	10,419	105,505	154,380	388,658	281,506	0	2,032,759
1993	654	80,421	414,289	11,716	429,562	22,667	78,381	181,524	285,836	246,637	3,535	1,755,222
1994	2,295	83,702	511,707	22,959	639,777	8,741	49,997	182,858	433,302	382,953	0	2,318,290
1995	654	63,768	410,569	20,654	583,604	17,187	81,149	359,305	757,355	541,484	0	2,835,729
1996	5,234	74,219	404,175	4,267	930,116	5,508	100,573	201,746	806,347	451,804	0	2,983,991
1997	1,309	92,728	308,295	12,199	1,155,292	9,147	91,466	513,463	893,804	819,507	0	3,897,210
1998	333	139,045	360,238	4,697	1,342,039	3,098	102,987	232,740	932,896	624,152	0	3,742,225
1999	4,913	138,519	332,528	4,697	1,028,707	5,194	115,620	205,271	918,433	481,597	0	3,235,478
2000	2,724	99,536	310,857	4,761	649,964	7,045	85,075	125,923	1,236,302	636,223	0	3,158,411
2001	6,543	111,105	256,756	5,916	715,449	8,838	106,253	179,032	780,317	508,947	0	2,679,157
2002	987	161,942	333,366	7,975	359,696	19,196	131,798	87,323	691,545	441,619	0	2,235,449
2003	4,580	75,848	240,943	8,835	1,076,560	17,996	94,085	109,061	597,431	320,154	3,535	2,549,028
2004	1,871	138,332	289,920	13,329	751,787	7,155	147,593	101,302	846,163	290,357	1,768	2,589,577
2005	2,654	77,031	338,207	10,213	723,032	6,818	120,402	94,302	522,396	282,288	1,768	2,179,111
2006	1,873	134,872	455,237	11,305	1,202,361	4,939	125,178	111,214	496,076	281,677	0	2,824,732
2007	3,211	100,073	343,378	5,842	1,317,263	5,821	110,111	165,506	882,677	419,053	2,969	3,355,903
2008	4,000	108,939	420,325	3,005	1,011,218	6,625	112,495	116,242	642,343	302,487	0	2,727,679
2009	2,000	66,629	400,976	4,346	1,043,832	4,472	117,909	141,600	809,828	461,925	0	3,053,516
2010	2,892	50,794	323,152	9,604	913,276	4,747	101,726	195,148	830,779	544,544	0	2,976,662
2011	1,333	40,782	346,517	28,321	1,020,016	4,403	92,232	237,240	905,147	580,951	0	3,256,941
2012	631	56,059	378,294	17,423	1,144,311	11,455	112,570	120,042	1,078,525	664,349	1,957	3,585,615
2013	1,638	33,444	339,544	8,762	1,300,439	4,024	132,648	123,270	841,802	565,789	0	3,351,362
2014	0	43,194	565,034	22,505	1,454,509	2,408	236,345	184,104	818,026	474,066	10,831	3,811,022
% Chg. from:												
2013	-100.0%	29.2%	66.4%	156.8%	11.8%	-40.2%	78.2%	49.3%	-2.8%	-16.2%	-	13.7%
1955-2013	-100.0%	-14.7%	77.8%	83.4%	130.0%	-81.2%	224.4%	65.7%	92.7%	88.4%	-	101.8%
Average:												
1955-2013	1,920	50,634	317,799	12,272	632,322	12,779	72,850	111,102	424,427	251,579	1,090	1,888,774
1955-2014	1,888	50,510	321,920	12,443	646,025	12,606	75,575	112,319	430,987	255,287	1,253	1,920,811

American Wigeon breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska- Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	73,215	1,559,563	582,304	55,946	620,429	116,496	95,311	61,155	25,076	9,516	17,788	3,216,798
1956	82,309	1,317,909	535,550	22,872	946,174	17,297	122,918	58,996	22,029	8,632	10,303	3,144,990
1957	156,916	1,340,886	535,785	31,814	634,025	19,713	114,992	58,278	19,513	7,854	0	2,919,777
1958	140,750	882,123	548,883	8,450	473,138	54,836	353,060	58,677	24,680	7,126	0	2,551,724
1959	107,890	2,120,472	616,007	37,478	472,625	93,770	247,479	59,940	24,918	7,082	0	3,787,661
1960	132,206	1,623,260	539,938	67,858	365,228	78,673	83,081	61,802	22,750	9,551	3,225	2,987,572
1961	135,235	1,847,208	502,309	93,189	238,029	23,743	117,411	64,044	5,019	6,070	16,009	3,048,266
1962	180,180	925,316	380,146	72,534	150,209	83,126	56,804	66,508	3,847	8,058	32,018	1,958,746
1963	77,248	879,133	315,248	53,309	237,331	82,449	86,458	69,066	16,394	3,058	11,114	1,830,808
1964	118,482	1,404,337	346,277	116,829	310,129	80,950	115,703	71,609	4,552	4,438	16,300	2,589,605
1965	209,044	1,028,090	320,911	100,788	317,687	131,647	130,473	36,761	5,889	0	19,834	2,301,124
1966	247,113	964,964	385,549	108,349	302,129	102,229	98,086	43,186	18,620	9,627	18,523	2,318,376
1967	280,898	545,043	485,275	82,079	649,108	105,194	52,397	63,636	27,864	29,742	4,229	2,325,465
1968	347,587	519,929	467,515	181,472	362,775	185,480	98,620	68,616	8,326	22,594	35,656	2,298,570
1969	337,124	683,029	403,794	163,019	831,660	244,173	111,666	85,841	40,496	30,672	9,961	2,941,435
1970	424,670	959,699	434,256	213,636	819,303	421,815	52,516	92,553	30,012	21,442	0	3,469,903
1971	321,506	871,807	502,040	229,160	951,415	234,569	28,786	58,326	28,113	18,953	28,179	3,272,855
1972	312,247	1,007,952	448,432	146,624	772,341	135,288	108,950	129,826	29,076	99,101	10,265	3,200,102
1973	334,919	1,054,975	394,136	160,161	474,367	143,201	112,370	99,212	36,035	43,665	24,903	2,877,944
1974	456,844	622,402	514,484	75,400	633,168	114,662	87,044	76,826	44,100	16,339	31,065	2,671,974
1975	224,435	767,975	384,299	125,522	893,723	69,968	54,284	110,619	72,828	42,732	31,962	2,778,347
1976	242,239	620,548	344,513	165,686	720,058	104,413	56,285	99,688	62,299	56,633	32,819	2,505,181
1977	487,050	942,452	194,907	141,576	490,684	121,764	25,098	77,050	31,736	29,194	33,619	2,575,130
1978	626,430	1,069,114	303,478	188,084	519,911	199,442	22,592	157,027	69,375	92,671	34,300	3,282,423
1979	563,676	797,780	402,492	168,394	784,147	125,822	60,467	87,888	47,449	33,590	34,790	3,106,495
1980	741,425	1,100,805	403,885	191,291	610,439	176,953	61,201	148,919	84,036	41,505	35,029	3,595,488
1981	859,750	998,245	179,810	203,289	211,695	179,141	34,744	65,228	119,155	59,983	35,003	2,946,043
1982	464,212	694,013	199,965	142,804	594,333	122,055	35,014	89,421	41,511	40,652	34,734	2,458,713
1983	557,362	674,483	170,873	139,114	675,023	157,780	30,392	77,947	45,142	73,838	34,285	2,636,238
1984	658,399	1,349,482	158,359	161,738	322,256	91,086	28,473	72,998	38,651	87,018	33,767	3,002,226
1985	397,779	755,242	177,253	105,947	290,085	95,457	32,847	58,694	58,850	45,219	33,307	2,050,681
1986	476,903	549,000	90,165	106,426	292,326	59,730	39,430	51,961	30,882	39,698	0	1,736,521
1987	462,823	895,317	110,393	118,806	159,427	83,615	20,892	64,869	44,125	45,622	6,641	2,012,530
1988	527,684	925,935	85,486	164,982	194,130	115,763	26,943	44,041	40,791	48,811	36,524	2,211,090
1989	550,813	660,596	95,932	145,742	181,403	172,756	24,848	58,797	15,551	21,610	44,825	1,972,873
1990	536,313	510,948	123,237	144,317	177,271	136,820	31,515	126,212	22,855	27,370	23,243	1,860,101
1991	641,130	788,919	117,898	131,889	234,315	149,186	21,737	70,336	20,931	44,426	33,204	2,253,971
1992	593,239	663,277	170,304	118,841	324,887	112,149	23,848	88,226	44,136	32,931	36,520	2,208,356
1993	537,974	749,483	198,492	135,695	195,205	92,110	13,791	65,479	13,918	17,279	33,200	2,052,985
1994	727,803	479,422	193,154	177,623	261,001	197,723	16,234	137,710	71,431	83,628	36,520	2,382,249
1995	730,022	833,790	179,760	63,617	401,835	129,204	13,513	116,916	91,999	46,771	7,114	2,614,539
1996	818,887	509,622	191,111	73,963	311,817	87,642	33,432	100,224	78,939	47,641	18,429	2,271,706
1997	953,468	1,094,490	190,539	95,864	381,851	88,751	20,463	122,394	83,204	71,349	15,243	3,117,617
1998	1,196,854	744,788	150,303	104,155	305,540	78,779	8,751	92,947	101,008	74,576	0	2,857,701
1999	932,276	1,045,763	179,573	92,475	345,527	103,919	20,042	63,074	69,103	49,104	19,228	2,920,084
2000	1,141,269	721,714	225,193	44,605	253,138	92,068	19,387	57,604	97,976	69,927	10,264	2,733,146
2001	1,105,934	727,918	186,807	47,885	177,290	40,973	18,164	41,592	82,464	53,541	10,979	2,493,549
2002	1,036,394	672,771	77,479	96,663	174,479	100,463	21,726	28,558	87,506	33,037	5,367	2,334,443
2003	1,019,528	850,197	131,605	80,310	218,864	108,457	15,759	30,733	66,315	26,996	2,684	2,551,448
2004	897,213	564,511	116,578	61,236	128,062	82,785	3,441	42,789	56,199	23,104	5,367	1,981,284
2005	873,162	583,480	125,455	78,881	294,242	65,871	34,177	43,626	65,253	31,411	29,520	2,225,079
2006	821,865	569,995	188,566	51,644	282,189	45,641	16,218	70,400	67,829	48,808	8,068	2,171,222
2007	1,113,425	842,715	170,472	55,408	324,796	67,326	8,552	96,069	66,440	41,298	20,288	2,806,791
2008	920,977	819,439	179,790	32,660	372,035	51,685	11,965	30,610	33,452	28,211	5,790	2,486,615
2009	805,221	792,820	132,624	79,758	237,428	61,957	8,847	148,452	111,963	83,785	5,722	2,468,576
2010	1,053,340	597,489	124,301	28,314	192,606	44,771	11,120	129,675	141,937	101,080	0	2,424,633
2011	620,766	650,402	199,617	47,143	281,493	70,677	4,855	79,109	58,788	63,057	8,137	2,084,044
2012	685,887	679,726	234,478	58,769	243,379	65,514	4,916	72,459	56,908	37,026	5,942	2,145,004
2013	577,206	1,100,458	197,263	73,267	369,144	156,407	9,858	26,536	99,925	33,838	401	2,644,303
2014	734,291	1,561,994	224,291	40,093	273,231	23,193	13,599	94,978	118,079	21,942	10,964	2,596,496
% Chg. from:												
2013	27.2%	41.9%	13.7%	-45.3%	-26.0%	-85.2%	37.9%	257.9%	18.2%	-35.2%	2633.2%	17.9%
1955-2013	32.7%	75.3%	-20.0%	-62.2%	-32.8%	-79.2%	-75.1%	23.7%	137.8%	-43.5%	-40.8%	20.4%
Average:												
1955-2013	553,517	891,078	280,428	106,186	406,598	111,457	54,575	76,809	49,664	38,856	18,512	2,587,680
1955-2014	556,530	902,260	279,492	105,085	404,376	109,985	53,892	77,112	50,804	38,574	18,386	2,596,496

Green-winged Teal breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska- Yukon 1-12	NAlbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	14,149	973,737	351,266	41,969	359,645	22,728	25,164	18,508	0	0	0	1,807,165
1956	17,723	770,238	182,240	35,572	484,260	0	17,830	17,452	0	0	0	1,525,315
1957	39,427	566,645	186,193	12,349	251,993	0	29,587	16,696	0	0	0	1,102,890
1958	72,550	792,217	205,077	0	182,252	0	74,707	16,124	4,502	0	0	1,347,428
1959	77,855	1,982,535	324,350	64,128	110,034	23,321	45,866	15,698	0	0	9,648	2,653,435
1960	25,347	885,305	262,316	7,449	205,506	4,759	20,183	16,049	0	0	0	1,426,915
1961	47,269	1,152,447	320,587	7,789	101,737	2,463	64,857	16,705	6,762	2,726	5,927	1,729,269
1962	44,115	481,424	63,388	9,479	44,166	28,061	10,703	17,360	0	9,996	14,224	722,916
1963	64,313	893,582	72,773	14,725	73,759	17,475	63,606	17,986	2,180	2,691	19,200	1,242,290
1964	79,696	1,169,305	114,628	46,264	69,109	35,327	4,296	18,556	0	0	24,138	1,561,319
1965	193,203	713,795	117,249	44,022	125,336	29,993	32,519	22,532	3,344	0	0	1,281,993
1966	170,244	939,621	176,110	35,486	114,220	37,818	45,879	18,357	60,886	7,725	10,972	1,617,319
1967	275,091	533,176	174,972	27,254	367,714	61,508	75,090	29,864	26,932	9,565	12,524	1,593,690
1968	315,221	605,463	121,517	30,352	200,706	53,492	42,693	20,513	12,414	23,496	5,029	1,430,896
1969	202,629	257,604	204,538	63,083	408,781	88,287	161,478	8,619	67,046	28,951	0	1,491,016
1970	249,677	400,450	203,628	66,847	801,360	53,771	74,304	28,240	138,647	115,146	50,398	2,182,469
1971	321,359	566,347	263,317	76,134	386,865	72,363	120,819	11,535	23,384	25,358	21,842	1,889,342
1972	198,803	858,748	288,071	61,741	232,246	68,650	107,022	31,733	50,999	42,611	7,601	1,948,224
1973	217,550	728,358	311,867	61,419	331,195	55,053	117,316	51,507	37,957	29,607	7,375	1,949,204
1974	404,302	385,275	404,833	69,859	295,379	56,333	106,519	21,878	74,974	19,069	26,045	1,864,466
1975	108,607	564,923	230,776	67,776	412,817	39,233	63,428	53,108	59,377	37,356	27,441	1,664,842
1976	187,942	271,409	345,644	121,070	356,483	63,027	110,937	13,568	17,377	31,071	28,963	1,547,490
1977	207,933	469,994	151,905	94,235	168,132	106,555	35,361	3,921	7,386	9,778	30,610	1,285,810
1978	278,440	805,050	222,319	201,664	233,904	206,707	116,559	18,230	20,471	38,511	32,355	1,874,974
1979	254,062	789,552	256,774	160,782	315,995	138,946	36,700	40,072	25,418	19,270	34,167	2,071,738
1980	316,496	697,285	224,048	279,141	174,346	122,504	27,532	9,924	92,402	70,177	36,012	2,049,867
1981	516,139	758,757	180,132	109,934	140,851	60,165	37,264	9,085	39,198	21,108	37,868	1,910,501
1982	210,326	770,533	127,493	87,485	112,910	53,492	32,758	13,438	52,629	34,919	39,705	1,535,688
1983	260,505	964,870	136,150	103,254	172,386	74,893	49,448	18,949	16,408	36,623	41,489	1,874,974
1984	310,303	585,300	117,742	87,003	132,664	48,410	34,851	10,635	16,178	21,967	43,184	1,408,237
1985	264,973	673,017	106,661	47,003	179,903	42,836	19,307	6,408	58,920	31,618	44,760	1,475,406
1986	384,256	817,482	78,682	101,142	95,852	47,877	44,307	6,160	20,057	52,065	27,043	1,674,923
1987	362,445	1,127,056	120,282	117,116	85,813	90,026	37,831	6,035	33,525	23,355	2,458	2,006,242
1988	385,197	1,054,156	162,043	142,506	92,656	69,842	24,523	12,043	28,342	25,529	63,920	2,060,757
1989	402,147	956,313	106,049	61,829	115,474	61,499	36,945	17,049	9,537	24,434	50,398	1,841,674
1990	473,763	718,217	132,524	86,187	135,727	88,895	36,815	15,725	26,748	8,510	66,378	1,789,489
1991	546,682	453,658	131,086	132,706	131,756	68,451	30,382	12,409	9,108	16,953	24,585	1,557,776
1992	375,993	547,679	174,434	180,200	135,604	234,428	49,700	16,295	14,135	12,629	31,973	1,773,069
1993	444,632	570,783	175,929	186,918	77,817	155,350	3,176	8,368	9,028	6,576	55,887	1,694,463
1994	562,753	697,422	152,574	104,023	253,233	123,537	18,675	33,966	60,457	55,183	46,625	2,108,448
1995	556,196	749,504	245,312	130,937	271,327	165,082	35,299	30,278	45,897	58,428	12,335	2,300,594
1996	757,644	427,782	314,510	121,228	351,231	98,017	106,427	56,094	90,607	62,967	113,040	2,499,547
1997	512,275	608,084	324,417	148,784	418,509	142,061	69,069	58,109	79,014	69,411	76,851	2,506,585
1998	679,010	657,823	92,234	141,731	271,238	90,617	44,940	13,286	48,427	34,322	13,719	2,087,346
1999	679,434	984,397	190,546	178,339	342,245	85,742	40,652	27,179	55,530	39,132	7,767	2,630,962
2000	946,230	1,282,073	308,129	99,531	294,806	61,822	60,805	16,513	44,427	51,549	27,640	3,193,525
2001	1,028,811	741,645	190,496	87,494	202,321	79,950	31,463	18,053	44,696	69,771	13,957	2,508,656
2002	630,952	928,376	147,019	158,984	127,343	116,814	25,483	40,594	66,254	28,217	63,457	2,333,495
2003	1,035,264	766,994	131,788	146,051	272,568	122,186	48,436	50,154	39,059	26,420	39,576	2,678,494
2004	818,738	835,132	98,430	160,493	124,319	168,988	27,036	56,379	99,613	26,679	45,034	2,460,842
2005	713,019	437,456	158,538	156,801	358,954	136,338	54,984	34,491	40,583	49,371	16,376	2,156,911
2006	780,083	750,950	177,861	187,891	400,578	92,098	65,445	16,946	61,986	30,132	23,247	2,587,219
2007	822,805	862,204	283,152	190,258	495,010	105,728	33,294	28,689	31,623	26,044	11,463	2,890,271
2008	654,724	1,068,313	296,547	156,572	560,608	109,317	47,818	18,975	31,857	18,806	16,195	2,979,731
2009	658,474	1,225,393	175,479	237,529	648,384	146,495	47,842	76,157	157,617	55,682	14,547	3,443,599
2010	954,267	1,464,056	129,694	62,123	398,453	30,642	48,290	25,737	150,254	200,007	12,413	3,475,937
2011	641,361	1,250,642	275,376	76,064	421,959	19,771	55,249	3,907	51,395	74,030	30,342	2,900,096
2012	704,803	1,566,914	274,142	41,341	496,509	59,434	157,449	5,334	58,275	72,292	34,750	3,471,243
2013	451,814	1,228,778	195,500	175,953	575,226	142,551	60,223	4,851	66,269	112,783	39,496	3,053,444
2014	475,046	1,716,318	367,699	58,563	465,804	49,240	76,446	5,593	161,430	54,001	9,756	3,439,896
% Chg. from: 2013	5.1%	39.7%	88.1%	-66.7%	-19.0%	-65.5%	26.9%	15.3%	143.6%	-52.1%	-75.3%	12.7%
1955-2013	17.2%	111.9%	85.6%	-41.5%	75.0%	-36.6%	43.3%	-75.1%	298.5%	59.3%	-63.9%	69.1%
Average: 1955-2013	405,255	809,936	198,158	100,107	266,139	77,657	53,341	22,424	40,510	33,909	26,999	2,034,435
1955-2014	406,418	825,043	200,984	99,414	269,466	77,183	53,726	22,144	42,526	34,244	26,712	2,057,859

Blue-winged Teal breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska- Yukon 1-12	NAlta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	0	342,817	1,550,238	13,763	2,068,507	44,236	470,599	80,826	229,618	504,634	0	5,305,238
1956	0	292,797	903,759	29,651	2,542,739	34,924	284,709	78,040	295,476	535,551	0	4,997,646
1957	0	40,330	908,556	33,536	1,924,310	7,806	391,256	75,932	357,738	560,035	0	4,299,499
1958	0	201,348	1,078,543	125,113	1,650,704	96,344	1,120,162	74,131	528,703	581,537	0	5,456,584
1959	0	911,885	903,562	92,554	1,087,019	54,645	1,247,586	72,507	316,434	413,117	0	5,099,309
1960	0	417,421	877,793	36,762	1,112,769	34,023	699,198	71,024	519,523	524,482	0	4,292,995
1961	0	578,862	897,110	13,763	583,022	22,218	521,299	69,670	295,603	673,757	0	3,655,304
1962	0	244,421	346,740	166,009	383,752	75,656	368,354	68,448	755,185	602,486	0	3,011,051
1963	0	128,013	426,848	169,913	504,893	136,912	401,535	67,361	686,622	1,201,526	0	3,723,624
1964	0	508,488	634,556	305,445	735,756	132,108	358,838	67,258	584,542	686,268	7,355	4,020,614
1965	57	227,581	494,085	78,391	669,095	86,499	284,199	137,534	913,463	703,553	0	3,594,457
1966	0	141,100	533,204	65,252	909,736	72,059	213,050	133,253	1,041,693	623,894	0	3,733,241
1967	1,128	21,248	712,934	86,324	1,395,676	136,225	627,614	82,908	1,106,138	313,697	7,633	4,491,525
1968	1,452	29,994	325,319	261,569	720,229	535,637	313,137	53,249	749,748	466,065	6,129	3,462,524
1969	0	46,083	363,220	224,071	966,589	297,881	445,767	149,912	902,888	742,177	0	4,138,588
1970	9,921	50,600	440,876	159,960	1,552,614	408,253	672,922	99,254	712,724	706,755	47,946	4,861,825
1971	2,109	114,266	714,293	35,029	1,291,387	150,619	314,268	87,096	1,238,068	654,268	8,798	4,610,201
1972	0	152,572	494,851	59,643	1,012,888	146,030	406,256	16,976	780,282	1,209,031	0	4,278,529
1973	0	48,825	459,217	69,736	887,888	93,098	399,443	8,488	588,725	777,110	0	3,332,530
1974	0	99,983	1,209,712	34,883	1,312,215	21,495	686,767	77,689	1,171,318	348,813	13,346	4,976,222
1975	0	285,659	1,108,175	103,497	2,360,150	64,956	360,989	98,280	1,051,443	437,209	14,999	5,885,357
1976	0	158,415	820,335	178,403	1,799,610	200,882	654,609	207,086	357,049	351,682	16,672	4,744,744
1977	2,783	635,514	750,958	214,835	1,631,307	221,437	292,917	93,751	282,150	318,851	18,337	4,462,839
1978	3,561	385,951	393,236	200,097	902,361	195,656	299,164	93,942	737,375	1,287,031	19,958	4,498,618
1979	0	280,955	592,923	93,392	1,482,802	113,933	440,752	117,453	826,505	906,012	21,499	4,875,866
1980	3,561	470,163	834,569	169,067	1,307,164	322,317	290,224	103,377	888,400	483,317	22,920	4,895,079
1981	4,033	411,820	1,148,075	273,822	781,509	234,584	253,899	81,833	252,751	254,130	24,192	3,720,649
1982	0	234,742	498,144	85,261	605,878	281,391	289,639	210,954	906,330	519,923	25,303	3,657,565
1983	1,453	149,309	419,133	47,704	963,207	105,443	226,642	79,894	545,726	801,767	26,252	3,366,531
1984	4,892	322,463	429,216	119,268	993,592	59,904	171,008	52,091	860,996	938,839	27,059	3,979,328
1985	0	200,587	295,318	197,020	1,327,329	91,942	172,344	38,557	546,997	604,491	27,772	3,502,357
1986	5,949	455,829	361,868	55,095	876,499	70,211	326,546	21,576	871,769	1,433,478	0	4,478,820
1987	1,546	440,556	596,632	98,527	674,828	116,707	203,180	40,202	579,425	777,093	0	3,528,696
1988	13,317	580,403	552,905	368,466	755,343	288,255	197,853	83,504	553,927	617,135	0	4,011,108
1989	1,057	237,540	418,152	232,271	578,438	186,911	176,409	65,896	338,463	860,152	29,966	3,125,255
1990	0	189,374	521,168	95,327	875,476	149,492	268,593	76,256	230,408	346,315	23,973	2,776,382
1991	0	207,047	580,235	225,630	936,689	195,069	208,517	77,726	233,400	1,075,401	23,973	3,763,687
1992	0	314,834	716,094	159,602	1,362,432	268,292	376,989	89,032	401,425	626,420	17,984	4,333,105
1993	2,906	260,586	526,558	217,593	570,072	206,848	269,188	60,325	303,080	679,872	95,912	3,192,940
1994	0	194,189	466,610	84,690	980,162	126,914	92,783	186,418	1,088,794	1,383,613	11,989	4,616,162
1995	2,906	166,120	430,834	43,221	1,088,351	61,573	301,793	94,413	1,463,104	1,468,428	19,268	5,140,010
1996	0	194,521	505,871	38,852	2,046,644	59,910	295,524	89,263	1,764,133	1,390,947	21,757	6,407,422
1997	0	203,804	358,461	30,961	1,974,360	34,234	300,397	138,070	1,544,632	1,535,028	4,319	6,124,267
1998	0	339,948	521,876	78,064	1,589,022	71,803	257,901	225,543	1,734,589	1,573,377	6,688	6,398,812
1999	0	206,286	391,543	105,462	2,110,905	66,952	439,555	241,498	2,068,022	1,516,593	2,671	7,149,486
2000	0	274,876	577,823	46,034	1,622,427	79,910	355,035	49,960	2,848,507	1,576,870	0	7,431,442
2001	0	119,315	367,782	77,225	1,267,464	70,922	484,127	72,769	1,688,743	1,608,652	0	5,756,998
2002	0	303,541	244,160	141,994	667,137	164,751	230,101	73,343	1,338,336	1,043,116	0	4,206,479
2003	2,906	314,303	322,586	97,308	1,918,273	78,839	419,729	171,169	1,327,118	859,935	5,995	5,518,162
2004	2,219	400,612	360,165	26,577	1,154,742	33,833	282,315	145,895	1,096,285	570,390	0	4,073,034
2005	2,784	247,373	649,154	61,462	1,597,006	23,807	338,684	144,141	952,998	514,160	53,951	4,585,518
2006	0	315,531	864,306	55,520	2,228,084	26,000	425,609	151,908	1,082,153	710,455	0	5,859,567
2007	9,330	368,681	668,503	32,844	2,379,813	48,029	274,009	141,739	1,129,852	1,614,530	40,282	6,707,612
2008	0	393,323	817,658	40,135	2,317,671	33,746	264,875	90,689	1,049,045	1,620,020	12,934	6,640,096
2009	0	248,148	480,406	101,527	1,739,781	8,214	302,916	139,671	2,534,675	1,822,107	6,390	7,383,834
2010	3,913	278,864	293,600	0	1,363,233	4,521	211,791	50,809	1,986,548	2,135,232	0	6,328,511
2011	1,461	144,136	470,380	27,562	2,488,852	3,014	392,617	306,401	2,389,341	2,724,687	0	8,948,451
2012	0	146,926	595,745	9,006	2,607,562	21,804	327,436	188,993	2,926,144	2,398,741	19,910	9,242,268
2013	0	386,098	751,567	12,940	2,758,507	21,476	345,148	124,930	1,807,877	1,517,825	5,299	7,731,668
2014	0	377,388	834,316	22,635	3,109,225	11,077	474,127	238,881	1,837,244	1,624,399	12,245	8,541,534
% Chg. from: 2013	-	-	-2.3%	11.0%	74.9%	12.7%	-48.4%	37.4%	91.2%	1.6%	131.1%	10.5%
1955-2013	-	-	38.6%	36.8%	-78.8%	129.3%	-90.7%	27.0%	131.4%	85.7%	72.0%	74.7%
Average: 1955-2013	1,445	272,316	609,799	106,909	1,355,872	118,664	373,369	103,236	989,204	944,625	12,533	4,887,970
1955-2014	1,421	274,067	613,541	105,504	1,385,095	116,870	375,048	105,497	1,003,338	955,954	12,528	4,948,863

Northern Shoveler breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska- Yukon 1-12	NAlbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	2,530	289,199	397,210	4,223	667,073	2,644	54,728	78,979	28,614	117,609	0	1,642,809
1956	2,723	194,706	404,963	1,927	854,377	0	66,519	76,381	58,256	121,557	0	1,781,409
1957	5,105	104,017	349,831	0	637,868	7,931	85,433	74,589	85,263	126,068	0	1,476,104
1958	18,179	232,741	442,257	2,622	335,357	881	83,397	73,269	62,870	132,193	0	1,383,766
1959	14,167	603,841	321,119	19,734	264,463	37,452	160,841	72,240	45,321	38,413	0	1,577,591
1960	13,267	202,540	431,919	0	604,342	15,455	142,542	71,378	184,807	156,292	1,971	1,824,513
1961	24,007	409,699	303,463	0	233,867	16,676	121,437	70,611	106,849	96,353	0	1,382,962
1962	13,804	215,592	196,817	8,991	79,804	26,437	49,457	71,065	271,520	335,465	0	1,268,952
1963	9,348	129,580	378,016	5,826	196,937	35,385	124,473	72,463	221,030	225,378	0	1,398,436
1964	11,750	493,763	341,960	50,048	375,309	53,299	119,808	73,827	102,768	95,729	0	1,718,260
1965	28,074	201,416	276,232	34,609	293,647	37,225	107,196	65,712	289,351	90,194	0	1,423,657
1966	29,486	192,533	470,839	26,779	809,890	36,402	99,257	83,089	290,403	108,284	0	2,146,961
1967	24,225	142,084	538,540	10,339	807,683	32,131	170,010	98,553	403,759	82,204	5,170	2,314,697
1968	150,176	110,788	394,635	18,861	479,420	30,088	77,178	77,996	194,769	150,576	0	1,684,488
1969	58,347	65,531	433,252	25,358	777,381	36,414	151,188	109,616	304,021	159,675	0	2,156,783
1970	85,431	77,653	329,082	20,884	760,655	49,882	126,678	64,877	454,946	260,326	0	2,230,414
1971	37,814	141,064	423,593	13,321	907,672	31,121	68,253	65,504	219,386	103,235	457	2,011,420
1972	68,324	197,432	435,736	14,916	921,903	27,250	119,047	61,142	289,856	330,852	0	2,466,458
1973	72,394	167,736	466,095	6,490	538,385	32,391	47,958	47,212	129,743	110,598	0	1,619,001
1974	139,602	135,281	587,970	7,327	705,214	8,541	97,552	58,132	219,535	51,110	1,035	2,011,299
1975	40,928	145,045	550,321	21,744	730,330	21,539	51,295	100,232	225,237	92,850	1,236	1,980,758
1976	83,955	89,765	325,035	5,102	822,932	13,690	157,731	102,216	89,700	56,503	1,438	1,748,066
1977	199,386	327,871	220,775	35,822	422,711	43,865	38,935	31,050	71,150	58,643	1,639	1,451,847
1978	218,676	85,836	258,970	16,323	426,651	26,028	65,159	179,228	277,507	419,081	1,840	1,975,298
1979	110,648	121,657	391,405	8,442	692,352	15,402	85,859	189,635	447,304	341,768	2,037	2,406,509
1980	392,743	232,671	388,768	27,920	494,687	19,116	56,678	52,204	181,923	59,261	2,230	1,908,201
1981	622,873	260,205	503,911	30,242	335,314	26,185	99,799	121,811	264,096	66,699	2,417	2,333,551
1982	161,282	99,469	320,364	12,230	699,031	26,777	135,382	160,721	377,399	152,386	2,597	2,147,638
1983	186,586	83,435	200,299	16,920	792,829	15,033	121,693	61,827	194,267	199,992	2,772	1,875,652
1984	235,308	163,402	187,302	15,568	370,934	19,692	47,806	65,025	273,328	236,942	2,941	1,618,247
1985	176,998	118,511	321,237	8,461	670,984	25,997	76,351	34,083	153,206	113,157	3,107	1,702,092
1986	264,923	237,038	220,715	4,191	538,761	10,570	156,167	69,344	244,685	379,769	2,030	2,128,193
1987	326,707	223,152	330,681	14,673	375,780	34,286	87,331	73,160	255,490	226,887	2,030	1,950,177
1988	404,050	258,445	165,576	54,233	428,308	33,997	98,826	33,692	118,426	84,367	0	1,680,920
1989	294,518	271,973	227,934	10,834	243,769	28,692	56,016	58,557	158,666	185,353	2,030	1,538,342
1990	361,987	261,932	322,514	24,936	447,811	26,169	77,326	86,287	67,077	79,245	4,059	1,759,343
1991	362,656	221,594	294,468	13,434	473,397	33,684	66,919	51,502	75,225	117,215	6,091	1,716,185
1992	365,876	284,670	241,407	50,484	571,923	58,291	137,890	27,117	114,706	102,008	0	1,954,371
1993	448,826	263,221	421,143	18,791	327,371	25,341	60,507	92,724	175,132	213,413	0	2,046,469
1994	499,960	166,712	421,445	27,988	737,458	30,176	42,640	194,320	507,801	283,523	0	2,912,021
1995	464,560	127,581	267,573	36,547	763,877	49,341	140,376	81,359	573,623	350,040	0	2,854,877
1996	481,325	117,834	373,845	23,876	1,212,812	11,800	176,733	109,320	653,775	287,636	0	3,448,958
1997	497,236	204,387	443,177	29,290	1,660,718	8,524	161,391	209,101	492,235	414,325	0	4,120,384
1998	852,469	394,370	329,423	16,225	790,546	27,100	91,713	90,476	360,578	230,323	0	3,183,223
1999	658,478	219,006	408,219	18,095	1,281,260	8,586	160,899	235,634	535,036	364,334	0	3,889,548
2000	846,385	247,967	380,429	18,091	899,774	18,180	175,829	60,324	646,965	226,793	0	3,520,738
2001	666,271	203,692	267,780	10,777	718,127	16,992	199,358	86,116	682,488	461,905	0	3,313,505
2002	580,831	371,369	273,949	10,877	310,154	27,555	100,174	76,170	378,812	188,300	0	2,318,192
2003	670,867	318,274	448,369	2,492	1,437,742	7,576	123,026	158,490	321,499	131,238	0	3,619,573
2004	642,604	246,511	384,649	14,708	783,624	16,079	142,871	125,633	350,840	100,883	2,029	2,810,431
2005	666,202	213,074	547,641	12,751	1,313,596	15,861	210,530	82,678	429,399	99,741	0	3,591,472
2006	408,631	192,543	700,753	6,564	1,611,641	5,300	177,794	90,278	350,196	136,526	0	3,680,225
2007	579,501	345,992	977,152	16,688	1,655,879	11,483	115,759	96,720	450,615	303,054	0	4,552,843
2008	465,722	322,333	617,572	11,985	1,183,784	18,663	89,552	48,382	410,849	332,418	6,567	3,507,828
2009	463,818	292,533	526,801	6,984	893,708	9,003	136,599	237,407	1,192,986	616,483	0	4,376,320
2010	626,117	296,698	475,055	2,483	794,998	1,185	87,073	63,830	982,908	727,083	0	4,057,429
2011	322,344	132,881	877,635	2,585	1,496,025	4,304	148,478	219,829	868,871	568,016	0	4,640,970
2012	376,760	274,657	914,995	862	1,857,662	10,255	137,772	158,132	926,582	359,885	0	5,017,561
2013	226,100	348,463	852,691	19,491	1,705,834	15,834	148,999	114,202	827,554	491,861	0	4,751,030
2014	372,368	371,612	914,033	16,314	1,711,046	5,489	255,034	208,578	927,236	495,074	2,072	5,278,857
% Chg. from:												
2013	64.7%	6.6%	7.2%	-16.3%	0.3%	-65.3%	71.2%	82.6%	12.0%	0.7%	-	11.1%
1955-2013	28.7%	67.4%	121.9%	1.1%	128.3%	-75.8%	130.8%	119.9%	178.1%	128.4%	111.8%	113.9%
Average:												
1955-2013	289,218	221,932	411,958	16,135	749,599	22,640	110,495	94,838	333,410	216,746	978	2,467,949
1955-2014	290,604	224,426	420,326	16,138	765,623	22,354	112,904	96,734	343,307	221,385	997	2,514,797

Canvasback breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska- Yukon 1-12	NAlbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	48,591	52,742	96,240	22,330	266,234	43,842	36,663	9,037	11,563	2,015	0	599,257
1956	50,247	26,406	98,733	12,968	397,376	28,448	60,686	8,292	13,022	2,331	0	698,509
1957	59,367	25,063	100,592	0	362,043	5,889	48,505	7,670	14,340	2,602	0	626,072
1958	39,289	75,646	168,707	0	249,673	22,583	118,030	7,135	30,675	2,836	32,256	746,830
1959	77,409	80,638	78,148	36,022	81,192	79,590	39,344	6,669	6,870	2,801	0	488,684
1960	85,593	56,821	58,254	11,248	118,071	57,581	75,702	6,328	13,171	1,438	121,491	605,698
1961	14,690	50,009	63,861	43,416	120,986	68,255	54,850	6,058	3,058	2,801	7,266	435,251
1962	22,732	32,739	54,620	4,700	175,656	17,214	42,264	5,850	2,222	2,241	0	360,238
1963	69,254	100,405	77,628	42,715	90,882	42,735	57,910	5,695	14,704	2,627	1,681	506,235
1964	77,777	89,014	83,828	154,436	107,655	24,765	76,516	5,585	17,234	4,977	1,850	643,636
1965	66,523	44,632	100,526	26,681	126,493	50,530	82,630	3,080	18,993	2,032	0	522,120
1966	96,656	151,538	68,517	23,771	167,823	29,357	65,224	542	53,556	6,130	0	663,114
1967	48,854	33,354	97,884	25,738	137,480	50,489	75,248	1,598	26,508	3,504	1,919	502,576
1968	140,795	106,678	57,901	18,005	99,523	82,206	35,178	3,487	17,338	2,580	0	563,691
1969	63,450	76,527	26,683	12,819	162,416	17,597	61,754	5,543	58,871	17,871	0	503,530
1970	42,606	44,076	49,437	11,628	238,949	112,373	46,629	3,620	24,725	6,057	0	580,100
1971	46,233	49,169	39,010	1,263	202,092	14,621	69,283	5,631	14,710	2,773	5,889	450,674
1972	92,862	26,701	65,481	6,945	135,333	14,373	33,124	6,709	30,225	14,159	0	425,912
1973	127,100	50,780	54,039	7,787	228,926	65,701	34,909	9,648	28,501	13,060	0	620,451
1974	81,750	29,007	100,193	1,894	181,819	7,519	34,370	1,320	62,980	6,357	5,633	512,842
1975	39,393	64,269	78,945	9,522	252,884	19,961	77,565	2,112	39,286	5,599	5,561	595,098
1976	48,531	40,110	52,081	17,133	283,277	22,346	110,778	16,231	15,302	3,115	5,486	614,389
1977	168,622	49,316	64,639	16,772	256,461	28,225	58,162	3,168	10,282	2,991	5,403	664,042
1978	48,519	33,318	51,218	6,371	128,997	26,419	37,283	6,391	17,021	12,326	5,311	373,174
1979	62,365	51,826	53,462	8,575	280,931	11,627	49,316	10,443	42,695	5,553	5,210	582,004
1980	152,230	66,440	62,125	8,770	307,205	45,549	45,835	4,771	28,538	8,005	5,102	734,570
1981	133,576	133,507	49,418	36,764	110,099	43,366	65,875	5,357	31,949	5,936	4,996	620,843
1982	100,272	49,927	73,779	18,198	151,895	17,643	49,479	12,521	32,410	2,241	4,899	513,265
1983	109,231	68,981	49,684	12,628	212,701	15,542	33,382	4,964	12,389	2,293	4,817	526,612
1984	118,223	80,016	26,610	11,560	157,655	22,879	38,249	3,508	50,876	15,805	4,748	530,129
1985	80,541	14,107	56,591	6,911	118,752	21,950	45,576	2,089	20,116	4,610	4,685	375,929
1986	84,647	54,994	59,172	1,872	127,229	11,465	48,363	2,828	36,324	11,456	0	438,350
1987	99,281	27,809	53,490	3,950	184,156	9,615	36,467	980	28,693	5,668	0	450,109
1988	77,259	67,697	54,769	17,341	119,017	32,482	37,464	2,149	19,248	7,622	0	435,048
1989	131,649	110,005	36,657	12,103	81,515	22,387	33,480	5,145	39,193	5,305	0	477,439
1990	193,058	67,559	78,128	20,678	79,699	19,546	51,597	10,836	10,086	8,131	0	539,318
1991	125,852	80,103	58,413	13,450	130,547	24,656	43,289	1,026	8,553	5,262	0	491,151
1992	93,592	60,473	32,760	2,835	95,740	110,874	60,952	5,578	17,294	1,431	0	481,529
1993	82,469	127,926	45,856	11,365	93,027	41,244	32,976	9,341	19,833	8,018	0	472,055
1994	81,169	69,841	63,970	9,463	117,734	72,006	28,232	12,507	56,061	14,623	0	525,604
1995	125,595	120,157	60,492	12,217	282,285	20,342	91,838	8,015	42,041	7,611	0	770,593
1996	157,513	136,007	66,975	8,025	282,952	41,772	83,032	4,555	58,597	9,059	0	848,487
1997	44,986	93,403	68,518	22,372	280,056	27,968	63,531	9,588	69,152	9,180	0	688,754
1998	105,259	100,346	68,550	15,024	246,948	23,275	66,465	6,070	49,395	4,529	0	685,862
1999	88,957	151,409	56,133	16,718	253,376	28,762	70,515	4,944	42,279	2,945	0	716,039
2000	186,670	83,430	73,179	1,945	232,189	34,646	63,684	3,492	20,845	6,674	0	706,754
2001	89,029	62,722	31,885	10,105	232,199	21,460	56,310	4,541	66,508	5,067	0	579,826
2002	135,323	121,025	14,481	8,402	73,255	29,248	63,272	1,245	32,500	7,846	0	486,597
2003	88,976	115,123	69,687	4,960	194,783	8,270	41,815	10,886	20,008	3,067	0	557,575
2004	161,344	109,270	50,159	21,845	120,932	27,969	70,055	10,399	37,500	7,754	0	617,227
2005	95,049	97,516	42,688	26,453	162,444	12,740	47,658	3,399	27,895	4,732	0	520,574
2006	73,236	109,426	76,283	1,764	286,689	11,009	87,474	10,466	28,405	6,260	0	691,013
2007	91,717	138,910	127,296	15,243	324,344	18,917	77,250	15,429	47,172	8,645	0	864,924
2008	71,924	83,901	78,940	1,279	166,331	22,055	30,524	7,747	21,436	4,530	0	488,667
2009	41,301	88,111	51,880	14,384	280,330	34,346	48,396	10,817	82,101	10,470	0	662,135
2010	56,884	71,544	39,136	8,312	192,482	9,934	34,693	23,285	119,842	29,052	0	585,164
2011	22,487	51,093	33,131	23,406	334,961	7,121	67,628	10,700	117,327	23,705	0	691,560
2012	34,998	92,511	145,592	10,119	312,992	16,720	52,486	5,847	72,444	16,226	0	759,935
2013	34,505	92,287	54,318	1,279	381,353	28,748	61,998	10,163	109,953	12,375	0	786,978
2014	20,863	61,830	71,445	12,473	324,800	10,521	59,423	6,233	104,865	12,810	0	685,262
% Chg. from: 2013	-39.5%	-33.0%	31.5%	875.3%	-14.8%	-63.4%	-4.2%	-38.7%	-4.6%	3.5%	-	-12.9%
1955-2013	-75.8%	-17.8%	9.4%	-21.3%	65.5%	-67.0%	5.9%	-6.4%	199.6%	81.3%	-	18.2%
Average: 1955-2013	86,237	75,226	65,277	15,839	196,289	31,877	56,132	6,662	34,997	7,066	3,970	579,572
1955-2014	85,148	75,003	65,380	15,783	198,431	31,521	56,186	6,654	36,161	7,162	3,903	581,333

Redhead breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska- Yukon 1-12	NAlbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	77	73,372	140,504	16,980	215,438	37,382	42,358	4,900	7,098	1,835	0	539,943
1956	82	66,319	145,690	0	449,138	16,487	53,460	4,518	13,226	8,400	0	757,320
1957	46	37,478	105,884	1,037	266,765	17,258	37,982	4,337	24,047	14,252	0	509,086
1958	0	29,463	127,205	0	143,540	0	99,124	4,255	34,122	19,413	0	457,122
1959	0	133,770	113,249	0	108,583	0	123,685	4,209	15,277	0	0	498,774
1960	482	52,896	71,291	19,899	134,155	21,661	68,128	4,189	88,880	30,060	6,142	497,783
1961	49	56,811	78,127	6,231	46,550	46,343	31,367	4,185	39,329	14,312	0	323,304
1962	170	98,593	44,294	11,410	150,681	10,137	40,430	4,194	91,214	56,382	0	507,506
1963	373	18,157	79,611	12,818	44,602	12,672	93,075	4,218	97,366	50,534	0	413,426
1964	53	72,963	88,569	29,003	105,288	21,818	97,307	4,257	58,497	50,370	0	528,125
1965	1,303	9,436	93,321	29,616	114,140	26,792	148,576	2,639	117,107	56,379	0	599,308
1966	56	16,535	190,141	7,779	124,630	26,435	83,569	4,170	203,067	56,704	0	713,086
1967	57	29,065	194,413	27,352	175,999	45,075	68,163	12,361	163,101	20,105	0	735,691
1968	58	29,209	84,971	34,890	134,886	49,042	38,305	1,377	93,292	33,356	0	499,386
1969	59	9,756	117,774	6,055	137,803	32,319	60,186	2,573	177,058	87,803	1,807	633,193
1970	60	8,254	74,686	2,271	179,593	66,893	81,413	2,022	153,479	53,581	0	622,252
1971	60	14,551	68,723	5,677	169,263	22,634	65,647	2,414	123,729	60,690	1,031	534,420
1972	61	17,666	118,113	3,784	158,555	17,703	59,523	0	126,908	48,567	0	550,880
1973	61	19,554	89,099	3,890	176,286	22,838	57,499	2,414	94,556	34,579	0	500,776
1974	61	7,896	155,310	757	237,626	4,888	86,899	1,049	110,656	20,209	971	626,322
1975	62	14,860	181,735	2,271	305,700	16,560	66,912	735	214,803	27,298	966	831,901
1976	62	6,122	173,409	13,584	311,671	6,514	83,148	2,667	63,634	4,066	957	665,865
1977	9,912	33,307	202,082	4,163	224,321	25,240	88,131	3,156	31,903	10,809	938	633,962
1978	62	28,690	133,845	6,326	130,314	12,490	68,856	6,984	191,765	144,417	899	724,648
1979	901	26,580	100,666	7,569	220,475	3,258	73,277	14,710	198,264	50,937	832	697,470
1980	2,408	35,245	268,364	6,812	190,929	26,537	42,065	4,372	122,694	28,220	730	728,375
1981	10,231	34,527	111,109	23,055	138,422	46,464	108,310	25,024	75,157	22,036	590	594,925
1982	63	13,928	57,828	6,990	123,435	21,618	74,196	14,999	258,185	45,190	419	616,851
1983	939	15,160	60,412	20,716	232,232	8,841	53,761	10,503	226,250	82,860	229	711,902
1984	186	42,008	98,329	7,221	201,569	4,111	16,455	19,180	170,279	111,944	39	671,321
1985	0	9,776	133,947	4,920	219,554	12,266	42,215	2,667	116,866	35,942	0	578,153
1986	1,636	31,598	123,277	7,096	181,600	9,755	33,375	3,556	103,480	64,234	0	559,607
1987	186	5,634	143,546	10,040	154,252	7,422	44,788	3,446	99,024	34,087	0	502,425
1988	4,360	17,706	85,673	11,633	189,306	9,874	46,141	2,721	55,196	19,265	0	441,875
1989	3,378	41,795	96,588	2,136	137,780	5,793	27,686	7,038	133,434	55,084	0	510,712
1990	3,625	42,319	162,824	1,514	137,203	15,070	74,187	7,800	16,958	16,707	2,710	480,917
1991	14,619	55,021	110,780	1,443	131,056	26,068	73,792	6,428	14,749	11,665	0	445,621
1992	659	83,388	112,004	1,515	150,261	11,278	111,235	5,544	78,760	40,965	0	595,609
1993	1,679	72,507	110,341	1,098	85,677	7,396	36,783	5,274	102,218	62,444	0	485,418
1994	1,449	30,951	110,274	15,440	183,461	23,023	32,356	3,353	154,966	98,194	0	653,468
1995	0	16,228	95,242	7,502	345,118	9,459	125,011	3,356	218,198	68,371	0	888,484
1996	639	23,900	102,699	3,788	293,215	3,170	86,549	8,139	257,856	54,278	0	834,231
1997	219	62,402	188,866	2,522	308,498	7,572	71,847	4,281	216,529	55,551	0	918,286
1998	0	67,535	67,548	3,453	268,106	27,768	158,068	6,126	327,549	78,926	0	1,005,079
1999	0	94,805	180,745	0	288,320	30,058	57,310	6,327	259,787	56,043	0	973,394
2000	622	25,773	106,769	1,557	323,806	39,080	87,763	1,803	306,110	33,015	0	926,298
2001	0	26,272	53,950	824	224,287	7,309	117,236	4,766	226,403	50,967	0	712,015
2002	4,550	37,934	112,539	6,740	94,886	21,660	57,883	9,468	143,498	75,645	0	564,803
2003	2,976	29,301	96,923	15,099	271,324	11,256	70,827	14,209	96,383	28,502	0	636,799
2004	2,360	73,356	78,910	6,411	131,193	24,941	101,990	11,174	161,331	13,678	0	605,345
2005	224	49,435	91,349	7,471	225,591	5,878	97,738	1,195	103,863	9,552	0	592,295
2006	10,080	58,885	154,266	366	434,958	4,793	101,814	8,510	114,287	28,317	0	916,274
2007	1,720	79,565	178,960	4,856	414,189	5,112	71,520	2,963	196,685	53,384	0	1,008,952
2008	2,097	93,870	332,878	1,919	383,044	10,044	55,902	3,153	135,663	37,391	0	1,055,962
2009	846	28,524	134,955	2,518	285,329	3,695	68,768	23,774	397,203	98,504	0	1,044,115
2010	1,401	51,137	90,305	384	316,481	2,991	107,237	10,521	363,577	120,142	0	1,064,177
2011	846	14,914	166,718	16,363	438,190	176	64,964	13,867	505,552	134,487	0	1,356,076
2012	0	16,355	183,478	10,466	382,884	8,872	98,792	16,721	459,829	92,486	0	1,269,883
2013	1,039	22,140	204,086	0	437,322	4,575	70,927	1,794	350,238	110,074	0	1,202,194
2014	0	59,173	262,681	768	541,828	880	95,451	3,127	238,392	76,439	0	1,278,738
% Chg. from:												
2013	-		167.3%		28.7%	-	23.9%	-80.8%	34.6%	74.3%	-31.9%	6.4%
1955-2013	-		50.8%		110.0%	-90.3%	150.0%	-94.9%	30.8%	-51.0%	54.5%	85.1%
Average:												
1955-2013	1,512	39,241	125,071	7,919	216,771	17,396	72,992	6,383	154,257	48,868	326	690,735
1955-2014	1,487	39,573	127,365	7,800	222,188	17,121	73,366	6,329	155,659	49,328	321	700,535

Scaup breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50, and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	753,529	2,800,646	427,241	383,247	858,296	119,934	171,292	56,138	19,852	13,332	16,624	5,620,130
1956	785,945	2,648,479	483,205	163,496	1,274,657	152,144	147,877	52,847	18,988	13,667	252,774	5,994,080
1957	612,344	2,523,084	515,078	388,610	898,118	485,072	187,491	49,982	18,458	13,930	74,774	5,766,942
1958	796,797	2,442,658	490,625	160,104	519,954	262,190	535,666	47,474	11,701	14,139	69,064	5,350,372
1959	795,959	4,118,304	400,167	240,930	683,122	264,467	360,682	45,340	22,118	13,608	92,914	7,037,610
1960	831,350	2,630,023	325,779	88,984	484,451	66,281	265,420	43,606	40,687	18,316	73,672	4,868,569
1961	893,245	3,035,070	393,608	127,116	419,505	132,048	227,101	42,246	18,301	8,131	83,674	5,380,045
1962	1,252,000	2,746,477	231,904	165,153	418,844	105,168	153,191	41,219	77,726	32,907	61,509	5,286,098
1963	1,149,391	3,081,749	358,495	233,622	174,445	105,893	207,330	40,473	15,081	11,014	60,909	5,438,402
1964	1,005,518	2,909,274	400,469	244,863	162,858	140,384	145,839	39,961	2,957	1,392	78,284	5,131,798
1965	665,936	2,714,311	306,502	290,519	257,313	173,235	130,274	27,804	14,004	29,172	30,894	4,639,964
1966	827,528	2,592,733	238,706	192,211	193,509	111,387	112,444	44,744	15,475	29,718	80,784	4,439,240
1967	582,826	2,897,293	346,752	330,859	323,387	191,208	120,563	42,954	22,121	11,158	58,550	4,927,671
1968	982,187	2,253,631	233,992	249,555	95,641	337,372	83,242	27,016	16,638	22,329	111,078	4,412,682
1969	909,939	2,707,741	350,869	298,484	305,025	338,225	59,758	50,035	36,326	12,122	71,257	5,139,780
1970	847,809	3,008,370	367,910	455,697	322,829	375,880	88,839	33,229	28,305	74,420	59,189	5,662,477
1971	712,499	3,221,234	299,466	255,069	222,426	189,620	101,129	15,585	28,182	7,306	90,746	5,143,262
1972	772,525	5,483,114	426,765	463,913	242,571	310,593	69,223	39,506	30,418	41,082	117,256	7,996,967
1973	844,139	3,775,802	588,899	406,364	230,379	187,038	66,179	49,232	41,881	19,232	48,271	6,257,416
1974	799,266	3,081,586	368,630	512,154	377,899	317,908	146,280	35,838	37,277	13,012	90,614	5,780,464
1975	830,445	3,528,071	382,726	439,869	622,166	296,659	160,029	26,414	70,275	12,744	90,626	6,460,024
1976	1,057,363	2,707,301	625,930	298,214	504,645	196,582	208,720	29,876	54,138	45,306	90,671	5,818,746
1977	1,236,560	3,047,468	477,693	311,079	702,247	194,254	129,710	34,417	19,683	16,374	90,752	6,260,238
1978	931,800	2,871,013	462,961	441,609	526,169	182,860	231,513	72,108	99,766	73,734	90,878	5,984,411
1979	869,502	3,849,246	687,495	774,361	796,541	175,671	89,640	88,566	199,175	36,692	91,054	7,657,943
1980	1,244,015	3,196,776	472,963	346,985	628,970	148,808	161,998	36,763	47,734	5,357	91,286	6,381,655
1981	1,033,374	3,303,857	469,335	244,662	277,144	293,553	114,930	35,823	107,536	19,092	91,577	5,990,883
1982	853,830	2,730,444	522,077	395,662	496,595	103,247	129,652	60,969	103,905	43,661	91,922	5,531,964
1983	992,949	3,575,832	491,943	583,000	844,809	221,280	177,679	47,127	92,617	54,262	92,300	7,173,798
1984	1,095,502	4,175,201	367,493	366,208	510,174	103,411	81,055	53,267	120,785	58,555	92,669	7,024,320
1985	816,838	2,500,696	363,182	623,208	319,833	115,311	113,234	19,962	102,100	30,633	92,958	5,097,956
1986	795,481	2,527,231	322,744	295,735	468,909	147,704	251,898	33,431	129,406	104,735	158,030	5,235,304
1987	797,827	2,701,361	256,190	370,331	278,187	53,653	150,304	44,737	91,392	35,422	83,325	4,862,729
1988	770,177	2,339,907	345,157	321,402	366,910	139,667	109,024	55,903	83,044	63,156	77,004	4,671,351
1989	768,778	2,467,280	157,957	235,124	208,113	104,917	88,955	46,877	38,794	80,442	144,813	4,342,050
1990	803,390	2,038,157	307,318	392,368	199,330	155,798	114,576	33,064	43,610	43,477	162,053	4,293,141
1991	1,170,594	2,061,038	299,766	854,778	265,398	152,481	75,251	25,202	89,932	66,800	193,659	5,254,899
1992	909,988	1,811,641	288,041	539,089	438,565	288,100	107,400	13,999	22,962	47,915	171,533	4,639,232
1993	951,309	1,838,798	268,358	320,665	352,122	195,497	44,981	28,298	36,565	7,289	60,804	4,080,144
1994	1,148,608	1,977,562	264,964	211,045	343,869	143,670	118,247	28,563	109,638	155,249	27,629	4,529,044
1995	946,247	1,784,120	366,514	243,642	518,644	215,337	116,142	21,418	108,498	120,947	4,934	4,446,443
1996	1,056,867	1,476,903	376,349	301,242	462,511	117,706	186,676	35,856	91,495	94,615	17,184	4,217,405
1997	800,166	1,632,592	347,675	352,466	489,482	158,051	94,811	32,692	115,514	75,614	13,289	4,112,349
1998	927,866	1,436,450	243,105	97,984	300,158	122,537	61,578	14,095	148,008	87,382	32,753	3,471,916
1999	955,974	2,133,616	228,223	351,563	287,427	191,628	72,369	28,049	120,777	40,303	1,795	4,411,723
2000	1,219,183	1,620,966	292,335	170,626	272,775	122,349	60,064	30,719	178,217	59,088	0	4,026,322
2001	1,148,144	1,475,601	201,944	184,193	320,615	68,924	74,164	31,488	130,282	44,526	14,129	3,694,010
2002	792,048	1,784,303	146,475	216,075	149,681	157,334	49,670	20,610	136,788	66,552	4,605	3,524,142
2003	969,704	1,736,075	172,052	211,663	251,357	142,661	48,575	24,622	140,738	36,997	0	3,734,444
2004	982,435	1,624,426	124,093	320,328	184,770	254,900	31,442	16,301	232,147	30,017	6,332	3,807,191
2005	960,708	1,361,394	126,509	176,007	381,266	172,820	60,074	12,845	104,983	30,286	0	3,386,893
2006	883,851	1,169,374	213,921	168,582	391,001	166,286	96,887	12,895	119,558	24,307	0	3,246,663
2007	1,191,270	1,261,018	182,318	137,918	302,053	133,327	50,384	11,413	159,588	22,946	0	3,452,233
2008	1,070,619	1,626,732	175,531	255,695	256,318	99,327	59,770	13,552	103,513	26,372	50,921	3,738,349
2009	820,924	1,685,442	286,509	445,886	323,877	230,600	70,097	24,682	236,451	39,651	7,977	4,172,097
2010	947,143	2,378,279	127,023	135,558	245,534	63,040	52,782	7,410	223,401	54,368	9,890	4,244,429
2011	847,477	2,165,251	228,434	238,647	346,797	119,830	84,724	26,934	176,758	75,711	8,726	4,319,289
2012	849,496	2,839,272	294,349	240,616	521,382	50,427	102,061	16,537	234,999	42,970	46,522	5,238,630
2013	547,712	2,343,201	150,046	185,264	475,426	89,363	38,146	10,982	200,612	84,205	40,723	4,165,678
2014	577,874	2,127,036	247,348	128,857	850,405	55,490	163,772	12,017	361,297	70,497	16,461	4,611,054
% Chg. from:												
2013	5.5%	-9.2%	64.8%	-30.4%	78.9%	-37.9%	329.3%	9.4%	80.1%	-16.3%	-59.6%	10.7%
1955-2013	-36.6%	-16.0%	-25.8%	-58.8%	108.2%	-68.7%	29.7%	-65.1%	314.6%	69.2%	-75.4%	-8.4%
Average:												
1955-2013	912,151	2,533,144	333,437	312,717	408,424	177,214	126,255	34,469	87,150	41,657	66,841	5,033,458
1955-2014	906,580	2,526,375	332,002	309,653	415,790	175,185	126,880	34,095	91,720	42,137	66,001	5,026,418

**Ring-necked Duck breeding population estimates, adjusted for birds present
that were not seen by aerial crews in Surveyed Areas (Strata 1-18, 20-50 and 75-77).**

Year	Alaska- Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	110	240,319	1,430	97,443	27,218	40,817	2,133	1,218	606	0	40,192	451,486
1956	105	248,612	8,813	1,827	16,901	51,978	17,829	1,362	577	23	1,493	349,519
1957	0	144,020	1,491	0	10,947	0	6,955	1,481	553	76	0	165,523
1958	0	124,617	4,472	0	11,669	0	18,368	1,569	0	121	0	160,816
1959	0	502,257	9,418	2,485	27,559	2,506	53,155	1,630	0	0	0	599,010
1960	624	218,083	2,935	9,631	13,795	13,670	12,795	1,668	2,939	0	1,868	278,008
1961	0	121,889	10,138	10,200	8,352	26,900	17,362	1,687	0	0	1,855	198,383
1962	0	149,867	2,130	48,794	0	54,693	8,095	1,693	0	0	99,243	364,515
1963	0	128,820	1,662	158,424	20,828	57,977	22,903	1,689	858	955	67,608	461,723
1964	0	157,374	3,408	63,889	9,638	96,743	4,021	1,679	0	0	34,233	370,986
1965	0	235,624	11,012	97,384	23,183	97,496	8,877	3,256	29	0	35,623	512,484
1966	0	185,642	4,331	137,354	15,984	136,643	1,313	914	2,517	1,432	162,045	648,175
1967	0	141,396	34,792	87,074	10,360	141,059	9,984	7,405	0	1,117	60,025	493,212
1968	0	98,152	11,047	165,293	1,516	205,727	3,244	2,917	0	0	1,967	489,863
1969	0	62,905	8,687	106,530	6,459	164,452	6,626	222	584	0	18,275	374,740
1970	0	159,220	14,214	247,373	13,931	191,688	7,454	0	2,791	1,064	35,589	673,324
1971	0	155,243	36,221	193,395	7,175	217,630	0	0	1,056	532	46,812	658,064
1972	412	82,678	30,628	99,140	8,531	161,016	8,845	0	674	0	16,851	408,775
1973	0	121,405	2,002	97,495	8,242	59,939	11,530	0	0	0	32,703	333,316
1974	0	64,361	15,135	61,844	42,563	92,975	10,454	2,127	584	0	56,234	346,278
1975	0	123,159	26,015	112,640	53,769	137,873	16,356	0	1,168	0	59,440	530,420
1976	0	76,645	13,482	155,151	42,600	129,642	16,601	1,429	1,123	266	62,661	499,600
1977	62	202,878	23,939	113,688	38,991	79,101	9,046	222	1,370	431	65,887	535,615
1978	128	154,837	50,884	139,502	45,061	135,550	27,334	762	2,227	1,393	69,107	626,786
1979	764	91,280	21,324	92,592	46,839	85,298	33,768	0	8,433	631	72,311	453,220
1980	836	121,438	8,945	191,482	55,491	169,832	59,765	890	3,640	1,163	75,489	688,971
1981	9,626	120,313	29,526	279,199	40,994	194,943	58,844	890	0	2,789	78,630	815,754
1982	3,853	69,897	23,699	162,150	69,791	140,019	28,667	2,350	11,610	7,118	81,728	600,883
1983	3,501	144,927	12,682	154,626	21,765	147,033	32,438	16,263	103,023	59,044	84,779	780,082
1984	28,656	134,786	33,597	207,544	42,735	154,070	8,040	2,986	12,232	17,294	87,788	729,728
1985	16,298	88,159	18,727	181,788	21,387	185,941	16,468	4,320	3,460	1,393	90,772	628,713
1986	65,933	88,726	11,687	221,087	13,743	83,943	17,911	7,145	11,571	18,311	26,932	566,989
1987	38,287	121,134	18,557	267,576	29,315	203,625	29,251	445	3,190	14,415	6,733	732,528
1988	50,457	179,176	35,327	199,324	30,682	123,116	26,018	1,207	10,457	5,670	75,987	737,421
1989	24,751	152,267	46,509	98,543	8,620	100,612	15,673	3,781	10,939	17,685	64,444	543,824
1990	35,023	134,995	12,421	151,151	19,789	146,414	29,983	381	9,649	17,633	75,025	632,464
1991	18,669	131,749	14,924	189,372	19,606	171,340	19,246	470	5,018	5,474	81,758	657,626
1992	35,663	122,426	15,423	538,821	16,084	400,408	9,140	3,919	10,252	27,622	106,811	1,286,570
1993	39,781	209,323	9,559	228,559	12,013	191,076	5,887	4,007	425	5,801	161,498	867,927
1994	28,997	225,048	12,588	155,265	15,695	198,184	11,879	5,041	15,670	11,128	200,593	880,088
1995	26,090	211,296	8,980	159,170	36,010	151,835	11,679	6,960	44,359	41,561	257,021	954,961
1996	29,951	143,533	10,081	117,500	82,889	98,307	20,526	361	12,118	17,405	240,020	772,691
1997	36,999	385,574	37,449	174,733	58,057	121,803	27,675	0	11,228	19,129	319,803	1,192,452
1998	60,582	317,606	11,918	163,290	30,771	147,012	11,394	2,130	6,973	8,403	406,671	1,166,752
1999	19,150	365,723	51,981	301,184	57,237	102,510	16,596	2,355	20,602	25,726	140,159	1,103,225
2000	65,473	478,776	16,221	154,839	63,882	99,402	41,243	0	6,199	10,834	341,414	1,278,283
2001	86,529	256,834	20,167	154,818	36,316	158,846	37,998	2,945	13,291	8,698	163,228	939,669
2002	52,132	161,419	7,530	369,450	29,672	221,703	29,967	1,145	22,764	13,314	580,945	1,490,041
2003	96,086	322,451	31,096	163,261	27,212	179,157	39,984	387	10,601	8,920	350,540	1,229,696
2004	71,668	222,776	44,081	174,823	19,603	221,100	19,843	2,982	2,543	5,007	358,085	1,142,511
2005	78,618	290,904	12,895	264,008	6,927	187,767	20,652	1,762	9,561	6,080	137,546	1,016,720
2006	83,590	251,006	21,488	286,235	59,318	95,511	26,556	8,376	5,724	4,954	109,915	952,672
2007	61,467	238,283	31,962	249,523	22,637	205,858	40,462	9,742	13,363	2,886	184,272	1,060,457
2008	40,901	283,553	21,395	206,475	49,762	160,310	24,198	3,302	6,362	2,331	212,251	1,010,841
2009	28,999	481,195	24,994	256,458	39,289	155,848	15,072	16,689	20,389	19,249	210,345	1,268,527
2010	46,086	625,628	16,141	109,488	57,354	121,614	17,428	7,221	12,544	31,282	100,884	1,145,670
2011	30,577	452,835	7,800	97,774	111,520	46,264	9,736	1,506	39,076	75,659	132,557	1,005,305
2012	30,427	371,174	7,157	82,578	111,462	111,929	32,951	2,318	21,193	22,110	228,745	1,022,043
2013	21,822	531,718	13,538	158,927	101,132	233,165	85,812	0	42,002	26,626	0	1,214,742
2014	49,030	681,224	19,258	112,126	176,243	174,404	65,159	16,102	76,260	26,236	177,822	1,573,864
% Chg. from: 2013	124.7%	28.1%	42.3%	-29.4%	74.3%	-25.2%	-24.1%	-	81.6%	-1.5%	-	29.6%
1955-2013	111.2%	223.4%	8.1%	-27.9%	438.5%	31.7%	211.5%	496.7%	703.3%	171.2%	53.9%	115.4%
Average: 1955-2013	23,215	210,643	17,808	155,427	32,727	132,405	20,916	2,698	9,493	9,674	115,515	730,520
1955-2014	23,645	218,486	17,832	154,705	35,119	133,105	21,653	2,922	10,606	9,950	116,554	744,575

Bufflehead breeding population estimates, adjusted for birds present that were not seen by aerial crews in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	25,420	236,090	26,140	30,606	7,641	19,237	12,415	667	0	0	8,269	366,485
1956	26,868	252,953	36,632	14,342	8,806	5,254	3,615	695	0	0	15,951	365,116
1957	26,885	213,382	33,770	18,826	14,205	1,675	1,197	725	7	0	0	310,673
1958	15,714	202,694	39,475	15,586	7,518	13,445	9,218	757	0	14	16,941	321,362
1959	43,294	409,513	44,641	20,608	8,968	11,364	9,710	792	0	0	6,058	554,948
1960	37,751	277,597	32,949	60,858	13,422	66,644	6,932	828	0	0	16,241	513,223
1961	25,485	274,641	53,212	16,535	9,498	26,293	8,262	865	0	0	9,303	424,094
1962	46,138	262,226	22,142	43,270	1,987	14,293	4,862	900	0	0	17,365	413,182
1963	37,426	210,776	26,546	33,662	11,196	11,592	15,169	932	75	0	25,832	373,205
1964	29,415	276,307	24,446	29,950	13,182	4,640	9,632	962	0	0	0	388,535
1965	40,510	252,212	71,138	25,252	22,877	6,266	20,486	1,318	122	0	3,073	443,254
1966	47,808	323,656	33,434	35,773	14,378	12,433	13,238	1,290	144	404	4,305	486,863
1967	54,147	256,133	48,640	54,732	18,058	19,290	32,589	380	0	945	6,553	491,468
1968	37,159	249,902	32,448	110,505	29,476	55,202	10,007	2,050	0	0	51,306	578,055
1969	32,946	358,755	44,142	67,740	39,162	47,997	25,725	1,414	0	0	36,016	653,897
1970	43,536	306,760	40,370	115,130	20,522	20,507	8,379	376	1,805	0	84,895	642,280
1971	44,545	452,695	33,837	121,094	12,612	66,286	16,542	0	0	0	21,637	769,248
1972	40,862	428,648	53,320	112,566	31,727	54,472	10,284	1,666	2,607	1,458	18,558	756,168
1973	40,487	299,541	30,593	84,400	17,890	32,360	6,368	645	494	0	28,298	541,076
1974	64,844	373,253	25,989	100,980	19,122	32,541	22,138	1,694	0	450	22,588	663,601
1975	44,018	390,717	56,129	92,222	43,688	26,982	19,533	376	0	0	23,013	696,678
1976	81,727	327,653	47,317	157,327	23,759	65,185	24,146	645	652	0	23,526	751,937
1977	51,062	324,548	35,200	117,548	38,500	43,492	18,930	0	0	0	24,100	653,380
1978	69,757	446,095	60,638	166,539	40,666	33,997	35,575	1,290	956	450	24,703	880,666
1979	78,958	453,912	67,167	147,764	42,409	49,407	12,588	3,600	2,405	1,518	25,300	885,028
1980	60,021	369,943	32,328	120,822	23,908	33,397	26,860	1,021	1,406	1,068	25,847	696,621
1981	40,037	304,556	55,464	139,754	29,181	41,313	31,977	2,365	989	900	26,295	672,831
1982	48,194	249,786	42,220	88,416	24,723	39,701	24,075	5,563	652	3,147	26,624	553,100
1983	45,007	517,058	57,370	161,008	36,247	65,938	27,154	376	3,688	6,071	26,832	946,749
1984	37,821	589,281	25,754	91,884	27,630	23,201	20,082	1,774	7,087	2,808	26,947	854,269
1985	36,788	301,089	16,954	77,854	26,868	34,336	31,783	1,021	494	0	27,027	554,214
1986	38,657	365,496	33,818	101,392	33,916	20,813	26,483	376	798	4,752	12,220	638,721
1987	55,759	479,870	22,662	83,307	32,906	24,463	36,418	0	0	0	12,863	748,248
1988	46,731	446,362	50,807	72,919	20,419	18,088	29,024	4,141	494	2,892	28,298	720,175
1989	54,676	445,637	32,509	100,368	21,880	34,422	30,472	1,666	2,101	5,031	15,436	744,198
1990	31,763	407,934	36,522	140,679	31,746	39,118	30,184	6,019	494	450	20,581	745,490
1991	40,059	420,323	80,036	135,709	44,311	46,181	37,994	2,162	3,204	1,218	23,153	834,350
1992	32,271	428,798	67,581	258,475	37,561	133,039	41,498	1,296	3,296	7,453	19,274	1,030,544
1993	29,729	364,254	79,610	225,102	43,876	71,081	18,226	358	2,475	0	34,694	869,405
1994	38,319	401,486	43,090	133,361	42,057	38,470	40,321	337	4,680	12,039	11,565	765,723
1995	37,931	459,946	68,323	112,532	41,869	53,455	41,613	539	3,582	5,886	6,884	832,558
1996	49,745	467,314	103,462	107,638	52,985	34,886	29,507	0	1,841	1,189	31,396	879,963
1997	40,177	619,714	91,329	140,292	91,615	69,324	53,372	2,249	1,980	1,297	12,465	1,123,815
1998	46,697	472,410	73,919	178,087	78,803	45,860	35,415	1,480	1,124	633	11,452	945,880
1999	41,166	601,213	69,529	183,075	88,391	71,999	41,731	1,122	267	2,316	10,857	1,111,666
2000	39,704	382,714	70,930	161,385	112,810	71,044	38,195	1,719	3,235	389	28,162	910,267
2001	54,410	481,770	59,180	144,641	73,669	56,112	36,874	633	5,219	613	12,475	925,596
2002	38,290	485,954	47,226	190,051	75,350	51,187	34,696	542	2,396	1,912	20,786	948,388
2003	46,615	558,124	82,872	195,622	99,374	56,137	38,769	656	2,536	1,565	7,219	1,089,491
2004	43,849	532,066	70,637	180,367	55,215	107,340	50,455	647	560	1,014	11,077	1,053,228
2005	51,726	619,523	78,860	150,978	91,789	76,001	54,903	3,032	260	1,007	8,961	1,137,042
2006	46,319	606,111	107,600	163,776	101,426	60,852	49,737	1,743	1,594	0	5,238	1,144,396
2007	60,963	547,177	98,154	201,485	107,560	69,009	59,218	561	1,967	849	4,600	1,151,544
2008	56,816	561,513	60,121	165,261	116,041	49,162	41,672	940	1,419	3,296	14,770	1,071,011
2009	58,936	503,058	69,632	217,812	85,891	123,622	38,713	536	2,287	1,741	6,634	1,108,861
2010	53,456	797,480	76,700	204,126	172,057	63,387	34,023	1,596	5,662	612	6,289	1,415,389
2011	55,168	591,973	99,844	219,276	150,098	91,367	35,525	1,028	12,677	10,699	4,277	1,271,931
2012	48,489	745,485	141,370	199,128	182,482	49,650	30,125	0	4,005	1,504	7,166	1,409,406
2013	38,145	537,395	76,971	169,266	209,058	81,515	62,426	0	6,381	10,857	0	1,192,014
2014	43,499	617,994	126,038	141,466	229,216	56,935	42,988	0	14,189	12,567	26,949	1,311,841
% Chg. from:												
2013	14.0%	15.0%	63.7%	-16.4%	9.6%	-30.2%	-31.1%	-	122.3%	15.8%	-	10.1%
1955-2013	-2.5%	48.7%	129.3%	19.1%	354.6%	25.0%	56.8%	-	736.2%	638.1%	49.7%	68.2%
Average:												
1955-2013	44,597	415,652	54,978	118,808	50,423	45,531	27,408	1,227	1,697	1,702	18,003	780,026
1955-2014	44,578	419,024	56,162	119,185	53,403	45,721	27,667	1,206	1,905	1,884	18,152	788,889

Ruddy Duck breeding population estimates, adjusted for birds present that were not seen by aerial crews in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	6	34,732	76,180	0	128,697	0	28,904	8,538	11,163	1,639	0	289,859
1956	6	29,593	78,270	0	231,810	0	28,602	8,282	11,272	831	0	388,665
1957	6	6,904	43,444	0	126,127	0	24,925	8,012	11,544	320	0	221,282
1958	0	18,693	51,584	0	66,230	0	24,560	7,739	1,579	327	0	170,712
1959	0	100,268	79,151	0	256,132	4,495	76,840	7,510	23,823	0	0	548,219
1960	0	23,497	97,861	0	116,771	2,075	60,407	7,372	44,286	10,693	0	362,963
1961	6	67,452	49,800	0	71,428	2,420	92,851	7,263	23,344	3,602	24,958	343,124
1962	0	1,225	21,895	23,774	59,550	5,532	49,507	7,180	27,469	11,836	9,983	217,951
1963	0	22,237	37,418	9,906	38,531	7,953	98,281	7,121	18,194	5,608	0	245,249
1964	7	7,830	92,953	78	34,264	6,224	68,705	7,082	5,401	1,402	0	223,945
1965	7	6,408	93,379	7,925	42,614	10,719	65,530	0	9,047	1,869	0	237,499
1966	8	17,512	83,012	4,953	77,068	6,570	95,751	2,715	33,409	5,608	0	326,606
1967	8	15,342	111,877	10,524	58,726	9,480	74,859	1,666	41,836	0	0	324,318
1968	9	7,721	96,722	24,416	83,345	55,886	87,996	1,464	15,527	8,914	3,529	385,528
1969	9	36,462	47,903	1,345	54,967	19,363	68,626	22,292	45,151	6,963	0	273,081
1970	10	10,367	66,904	0	42,062	14,888	64,692	613	86,036	39,331	3,451	328,355
1971	11	12,541	56,720	0	60,181	6,916	52,880	1,321	46,990	27,698	1,835	267,094
1972	13	45,551	101,955	3,915	67,151	8,644	25,835	5,656	55,134	30,115	0	343,968
1973	14	18,841	38,224	0	115,961	6,874	43,867	3,111	40,651	18,615	3,451	289,609
1974	15	9,557	93,341	0	98,476	7,261	55,554	1,816	166,970	23,151	1,779	457,920
1975	16	21,550	184,681	0	80,323	2,697	49,940	2,595	125,136	209,732	1,756	678,425
1976	17	1,566	33,571	4,337	58,362	346	45,305	1,862	22,838	6,228	1,730	176,162
1977	18	42,471	101,483	723	101,834	5,532	34,650	1,156	21,129	5,815	1,702	316,512
1978	19	8,267	75,549	2,169	49,972	7,950	51,087	14,144	123,267	28,655	1,671	362,750
1979	20	10,692	42,045	1,446	91,103	3,607	22,288	12,354	97,986	15,995	1,637	299,172
1980	20	18,959	33,938	1,374	57,940	26,232	80,539	660	111,362	21,649	1,600	354,274
1981	21	53,077	62,966	14,943	49,705	37,418	91,792	17,094	237,580	67,045	1,559	633,200
1982	22	25,888	116,002	1,486	181,908	15,560	146,203	17,756	357,108	84,425	1,514	947,872
1983	23	171,613	72,906	17,130	108,529	5,532	55,049	9,082	184,756	88,919	1,464	715,003
1984	1,451	58,792	62,324	0	78,878	7,261	31,634	11,794	251,823	48,654	1,409	554,021
1985	0	28,715	43,776	723	128,272	5,187	39,344	7,997	111,932	23,149	1,350	390,445
1986	0	112,732	32,902	0	120,190	6,548	68,533	4,623	170,083	69,389	0	585,000
1987	0	30,329	35,823	5,060	105,566	1,037	79,997	613	113,850	28,544	0	400,819
1988	119	17,764	77,895	0	61,243	13,529	57,384	25,099	12,639	3,173	0	268,845
1989	836	109,224	65,604	5,697	80,122	6,570	51,315	5,779	55,270	44,007	0	424,424
1990	653	78,963	129,916	24,786	56,232	7,823	68,853	9,196	62,516	34,139	0	473,077
1991	0	44,059	193,766	6,747	58,480	15,739	68,697	37,980	14,031	10,172	0	449,671
1992	0	106,349	85,226	7,215	116,146	2,422	58,390	9,239	29,473	3,899	0	418,358
1993	0	120,285	57,054	0	78,071	51,796	22,759	1,817	33,928	21,492	0	387,202
1994	0	12,559	65,536	0	102,211	673	14,427	4,718	105,606	36,694	0	342,424
1995	0	42,748	128,458	4,083	158,131	16,432	32,074	6,989	78,621	43,233	0	510,769
1996	837	67,942	302,195	2,808	166,676	2,018	38,710	1,194	72,793	14,660	10,438	680,273
1997	0	31,486	87,116	9,711	124,098	7,736	31,402	8,896	180,228	18,691	0	499,365
1998	0	210,874	123,554	0	82,294	2,018	13,732	11,788	143,325	24,914	0	612,498
1999	0	97,843	73,405	3,824	170,286	12,874	43,155	8,318	217,326	82,102	4,616	713,746
2000	0	82,532	74,308	0	168,207	3,027	45,751	2,350	212,282	65,893	0	654,351
2001	1,023	39,850	51,612	3,149	134,255	9,442	58,648	24,895	185,007	58,835	0	566,715
2002	0	126,847	86,481	3,146	69,957	16,763	108,487	14,869	192,550	75,624	0	694,725
2003	0	155,559	54,857	15,655	358,216	11,590	40,507	17,052	81,534	28,016	0	762,987
2004	837	99,025	93,461	0	229,930	27,042	143,271	10,212	176,659	1,906	0	782,343
2005	0	71,806	42,708	12,050	136,936	867	41,344	342	138,077	9,496	3,454	457,078
2006	0	57,817	58,295	6,899	170,637	2,873	40,722	4,816	139,744	39,259	0	521,061
2007	0	39,168	49,191	3,414	516,439	4,777	46,597	2,437	133,939	40,244	0	836,205
2008	0	44,416	45,805	2,200	136,541	672	45,934	2,852	173,746	123,577	0	575,743
2009	0	60,621	64,035	10,620	135,425	2,655	12,436	37,373	196,269	62,601	0	582,036
2010	0	112,910	48,814	733	101,463	1,344	16,930	10,964	186,601	51,162	0	530,922
2011	842	38,563	36,023	4,209	357,736	1,949	26,142	10,369	101,128	27,559	0	604,520
2012	0	38,106	31,868	8,480	290,576	968	31,660	5,124	111,858	50,999	0	569,642
2013	1,007	59,153	84,845	2,664	500,030	0	32,565	0	78,463	139,273	0	897,999
2014	0	36,517	69,154	4,656	435,833	4,369	40,568	734	187,273	43,929	0	823,032
% Chg. from: 2013	-	-38.3%	-18.5%	74.8%	-12.8%	-	24.6%	-	138.7%	-68.5%	-	-8.3%
1955-2013	-	-29.2%	-9.9%	0.2%	238.2%	-50.8%	-24.0%	-91.2%	91.8%	29.1%	-	76.7%
Average: 1955-2013	134	51,591	76,756	4,649	128,865	8,878	53,346	8,359	97,649	34,040	1,439	465,705
1955-2014	132	51,339	76,629	4,650	133,981	8,803	53,133	8,231	99,143	34,204	1,415	471,660

Goldeneye SPP. breeding population estimates, adjusted for birds present that were not seen by aerial crews in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	27,538	418,422	15,996	44,794	11,811	17,952	12,357	431	0	0	13,477	562,778
1956	28,917	289,608	21,071	1,205	21,189	0	13,281	460	0	0	39,084	414,815
1957	30,149	140,340	15,495	4,211	17,681	2,201	17,452	494	0	0	0	228,022
1958	39,019	472,588	9,080	149,582	9,812	47,934	28,222	529	0	0	41,417	798,183
1959	46,539	859,109	8,734	277,725	13,271	258,169	41,321	565	0	0	227,069	1,732,502
1960	45,906	134,874	11,372	49,139	21,435	182,409	42,165	599	0	0	42,758	530,657
1961	41,243	375,515	11,241	71,491	10,598	77,203	13,600	630	0	0	71,764	673,285
1962	69,789	360,992	7,929	91,367	7,783	50,792	13,481	657	0	0	190,024	792,813
1963	60,891	32,242	2,440	38,799	3,892	33,581	6,288	679	32	0	123,965	302,809
1964	23,720	160,027	5,860	31,069	2,584	12,422	6,373	696	0	0	77,186	319,937
1965	44,441	204,012	1,457	35,694	8,802	32,317	11,391	0	36	0	5,009	343,159
1966	45,769	39,876	4,880	43,631	10,501	28,430	2,102	1,309	1,239	0	70,169	247,907
1967	122,644	64,985	0	9,290	14,327	5,812	18,376	0	0	0	53,399	288,833
1968	130,244	30,331	5,639	32,279	22,506	9,935	6,595	0	0	0	347,335	584,864
1969	94,705	36,774	8,908	75,013	8,731	77,002	7,029	637	0	0	102,724	411,523
1970	63,266	35,666	3,622	146,310	15,492	76,801	13,972	0	0	0	64,988	420,117
1971	81,671	38,921	20,413	69,644	14,262	44,108	32,900	0	0	0	100,974	402,894
1972	92,499	75,381	15,609	50,109	4,575	49,803	5,503	8,821	1,103	1,233	153,389	458,025
1973	93,251	39,309	19,651	91,437	20,632	78,818	917	2,365	0	0	181,339	527,719
1974	84,061	58,397	17,678	90,693	13,923	35,785	12,033	0	0	0	102,176	414,745
1975	96,603	37,700	15,508	51,609	16,367	39,261	33,856	0	0	0	102,519	393,424
1976	87,770	69,487	28,286	138,775	15,943	115,674	30,559	0	0	0	102,832	589,326
1977	93,640	91,783	3,887	67,332	64,829	125,287	4,299	637	0	0	103,114	554,807
1978	68,520	119,234	33,240	60,411	14,039	60,885	42,505	0	0	953	103,359	503,146
1979	103,980	184,326	7,557	42,661	35,657	44,846	18,506	1,091	0	0	103,564	542,187
1980	113,376	196,535	29,566	21,735	29,381	47,687	12,636	1,592	0	0	103,722	556,230
1981	62,323	108,170	4,640	166,766	20,143	221,927	29,015	0	0	0	103,828	716,811
1982	76,033	83,402	6,802	74,750	20,752	48,090	29,058	0	0	1,233	103,877	443,997
1983	73,646	103,921	6,802	106,418	16,223	77,778	22,175	0	2,509	2,426	103,863	515,761
1984	85,552	390,565	1,727	83,896	15,204	28,343	656	637	1,350	761	103,782	712,473
1985	97,031	97,397	16,178	48,978	27,120	60,467	23,608	1,274	0	761	103,633	476,447
1986	67,808	166,772	29,908	44,782	19,903	194,527	20,324	2,547	0	761	79,663	626,995
1987	71,813	46,330	24,169	111,518	22,678	38,392	29,565	0	1,029	0	128,929	474,423
1988	90,292	62,118	31,635	35,002	4,289	15,475	23,615	0	0	0	111,109	373,535
1989	63,108	105,130	16,087	14,164	20,171	31,783	16,070	1,091	0	0	136,266	403,870
1990	47,256	81,418	19,303	30,873	5,714	32,967	33,919	637	0	0	77,567	329,654
1991	51,750	79,173	10,588	82,628	17,991	23,455	13,345	670	0	3,648	36,687	319,935
1992	34,169	69,295	10,077	197,437	44,362	142,178	25,160	0	0	0	38,831	561,508
1993	69,266	90,379	9,506	124,335	34,685	74,068	4,718	1,515	0	0	183,825	592,296
1994	59,441	152,575	15,063	98,755	34,758	19,998	322	0	676	756	104,003	486,347
1995	73,979	102,050	31,397	181,943	41,859	190,001	5,221	441	0	760	23,454	651,105
1996	77,925	39,271	6,081	136,420	53,002	150,359	42,518	0	0	869	702,921	1,209,365
1997	67,189	90,999	6,934	176,747	37,413	173,423	28,105	878	0	0	171,150	752,838
1998	77,213	102,711	44,718	142,251	66,664	143,543	37,420	749	0	0	108,611	723,879
1999	69,244	54,072	5,759	129,082	29,493	139,063	27,438	1,401	0	0	226,293	681,845
2000	55,738	91,246	26,529	85,140	40,509	161,007	38,645	478	1,255	0	393,684	894,230
2001	95,654	88,665	22,588	185,190	10,151	284,335	29,283	0	0	0	73,197	789,063
2002	80,585	58,751	6,573	231,441	21,405	156,851	18,046	1,637	0	0	129,909	705,198
2003	75,732	197,144	34,241	148,915	64,759	144,523	55,932	0	0	0	42,902	764,148
2004	92,544	66,420	26,271	97,865	16,010	172,847	20,433	512	0	0	74,377	567,279
2005	61,139	22,147	10,586	132,890	88,472	127,213	23,144	0	0	0	24,659	490,250
2006	88,084	231,163	50,371	211,143	70,527	169,145	13,907	0	0	0	46,405	880,745
2007	38,258	191,734	28,213	129,175	60,877	285,362	32,299	0	744	0	33,679	800,339
2008	52,622	117,663	37,636	155,400	66,185	146,839	27,858	558	729	0	34,604	640,093
2009	32,202	138,391	13,679	125,563	28,559	244,280	38,642	947	727	0	64,753	687,744
2010	40,990	231,031	58,030	67,889	60,547	182,091	11,154	0	0	0	41,535	693,268
2011	49,702	465,088	36,574	159,138	33,472	62,894	12,169	0	0	0	26,947	845,983
2012	41,856	346,498	25,697	163,672	59,332	52,001	26,181	0	685	0	38,620	754,542
2013	42,354	385,027	42,003	74,451	44,422	125,994	42,429	0	0	0	0	756,680
2014	35,176	216,578	37,832	28,993	28,415	110,579	19,310	8,782	923	0	49,345	535,933
% Chg. from: 2013	-16.9%	-43.8%	-9.9%	-61.1%	-36.0%	-12.2%	-54.5%	-	-	-	-	-29.2%
1955-2013	-48.0%	38.5%	114.3%	-70.2%	3.0%	14.9%	-8.9%	1257.7%	349.6%	-	-53.8%	-9.4%
Average: 1955-2013	67,672	156,325	17,652	97,299	27,588	96,209	21,188	647	205	240	106,795	591,820
1955-2014	67,130	157,329	17,989	96,160	27,601	96,449	21,157	782	217	236	105,838	590,888

**Scoter SPP. breeding population estimates, adjusted for birds present
that were not seen by aerial crews in Surveyed Areas (Strata 1-18, 20-50 and 75-77).**

Year	Alaska- Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	438,201	1,530,434	0	9,626	5,415	5,791	128	6	0	0	15,768	2,005,369
1956	433,308	1,325,314	27,962	2,420	13,445	11,015	931	7	0	0	12,428	1,826,830
1957	362,971	1,330,613	21,612	68,299	812	3,532	933	7	0	0	1,368	1,790,147
1958	480,526	1,207,501	20,604	25,466	9,951	1,283	10,284	8	0	0	0	1,755,623
1959	305,515	1,795,516	26,949	30,758	4,880	71,941	7,865	8	0	0	0	2,243,432
1960	481,627	1,712,804	18,895	483	5,518	5,050	0	8	0	0	6,126	2,230,512
1961	528,821	1,358,552	25,604	7,242	2,609	37,330	1,400	8	0	0	2,027	1,963,593
1962	449,299	807,774	25,183	15,072	0	19,359	0	8	0	0	0	1,316,695
1963	322,187	790,990	16,379	6,795	3,823	7,070	1,400	8	0	0	2,815	1,151,467
1964	361,711	1,338,917	17,097	34,052	5,914	7,182	531	8	0	0	0	1,765,412
1965	333,239	968,612	16,870	1,722	8,372	16,622	980	0	0	0	0	1,346,417
1966	335,962	623,100	19,960	15,484	2,627	28,227	1,593	0	0	0	2,815	1,029,767
1967	333,568	725,391	23,630	19,503	1,985	15,127	1,545	143	0	0	0	1,120,892
1968	415,881	624,792	17,498	34,477	6,248	55,588	128	0	0	0	68,377	1,222,989
1969	340,713	855,531	21,599	29,217	3,678	98,821	0	0	0	0	8,410	1,357,969
1970	319,134	1,195,029	23,222	23,283	496	17,298	265	0	0	0	10,512	1,589,239
1971	308,731	648,926	12,078	30,113	5,165	22,279	0	0	0	0	16,900	1,044,192
1972	385,578	1,102,663	13,205	20,381	2,482	73,616	0	0	0	0	26,433	1,624,358
1973	266,941	915,708	15,974	28,666	4,737	35,851	1,018	0	0	0	11,774	1,280,670
1974	382,056	1,108,660	8,023	22,756	2,271	30,715	1,158	0	0	0	17,389	1,573,027
1975	295,500	784,969	7,343	17,944	7,197	45,197	1,628	0	0	0	17,233	1,177,011
1976	344,410	742,598	24,107	36,446	1,117	46,178	2,035	0	0	0	17,046	1,213,936
1977	392,522	946,349	13,479	40,842	4,275	51,896	611	0	0	0	16,867	1,466,841
1978	420,626	1,223,629	25,988	58,655	2,626	32,997	751	0	0	0	16,701	1,781,972
1979	434,775	1,420,621	36,231	46,311	12,592	41,080	477	0	0	0	16,527	2,008,614
1980	496,047	1,107,240	20,381	34,033	1,737	75,713	0	0	0	0	16,303	1,751,454
1981	394,362	1,030,509	7,656	25,897	496	61,497	0	0	0	0	15,985	1,536,402
1982	466,577	858,206	11,823	38,125	3,295	81,871	698	0	0	0	15,543	1,476,138
1983	605,838	1,097,053	6,355	80,813	2,564	121,760	1,425	242	0	0	14,957	1,931,006
1984	412,051	1,327,882	17,333	17,245	3,047	48,308	0	0	0	0	14,218	1,840,084
1985	324,514	1,055,130	18,627	25,881	2,644	24,811	700	0	0	0	13,321	1,465,629
1986	436,528	915,146	17,204	12,036	1,737	9,902	0	0	0	0	2,943	1,395,496
1987	359,696	1,202,454	1,078	27,318	2,261	26,539	0	0	0	0	1,682	1,621,028
1988	422,964	759,995	7,225	18,295	2,178	10,217	0	0	0	0	18,922	1,239,796
1989	355,581	1,138,005	5,607	15,261	2,319	4,734	0	0	0	0	1,682	1,523,189
1990	356,009	444,024	9,939	13,358	4,336	10,131	0	0	0	0	2,523	840,320
1991	315,044	659,997	15,467	26,545	5,166	19,240	0	0	489	0	0	1,041,948
1992	469,796	559,866	4,376	10,530	1,759	11,211	642	0	1,605	0	2,529	1,062,314
1993	321,549	637,205	772	11,064	925	26,066	0	0	0	0	8,861	1,006,442
1994	324,312	382,646	5,198	22,323	3,574	25,705	0	0	0	0	11,445	775,204
1995	309,914	419,045	10,898	22,548	308	41,461	0	0	0	0	0	804,174
1996	460,922	360,424	267	19,532	925	22,501	0	332	0	0	82,204	947,106
1997	235,720	690,466	1,310	76,225	1,488	45,577	0	497	0	0	95,625	1,146,908
1998	348,350	287,118	0	22,172	168	36,255	0	0	0	0	0	694,065
1999	345,851	528,139	262	33,640	0	34,786	788	0	0	0	13,334	956,799
2000	327,054	557,737	0	31,436	0	24,546	0	0	0	0	0	940,773
2001	242,410	547,291	1,833	8,605	308	20,402	0	0	0	0	0	820,849
2002	311,273	506,425	524	28,494	0	28,041	429	0	0	0	23,184	898,370
2003	368,202	696,730	0	27,614	308	30,764	0	497	0	0	3,794	1,127,909
2004	367,401	656,052	786	41,303	0	83,572	1,341	0	0	0	36,252	1,186,707
2005	350,165	376,328	262	28,506	0	43,671	0	0	0	0	0	798,932
2006	400,912	418,629	4,271	36,542	0	20,252	930	0	0	0	2,112	883,648
2007	401,525	519,313	0	18,045	305	32,040	0	0	0	0	0	971,229
2008	352,664	513,435	0	5,719	0	32,534	0	0	0	0	26,831	931,182
2009	356,794	672,022	521	72,315	0	116,086	1,338	0	0	0	9,436	1,228,512
2010	294,277	812,136	7,563	31,965	193	24,773	1,080	0	0	0	0	1,171,987
2011	317,190	940,789	525	10,193	612	102,962	0	0	0	0	6,390	1,378,661
2012	286,798	740,324	723	8,583	494	20,458	0	0	0	0	4,667	1,062,046
2013	251,372	1,004,255	2,877	18,800	0	36,872	1,080	0	0	0	0	1,315,256
2014	235,163	656,446	3,140	12,366	1,129	19,670	0	0	0	0	15,068	942,983
% Chg. from:												
2013	-6.4%	-34.6%	9.1%	-34.2%	-	-46.7%	-	-	-	-	-	-28.3%
1955-2013	-36.5%	-24.8%	-72.0%	-52.8%	-58.7%	-45.7%	-	-	-	-	21.4%	-29.3%
Average:												
1955-2013	370,567	873,000	11,206	26,220	2,735	36,208	782	30	8	27	12,411	1,333,196
1955-2014	368,310	869,391	11,072	25,989	2,709	35,933	769	30	8	27	12,455	1,326,692

**Long-tailed Duck breeding population estimates, adjusted for birds present
that were not seen by aerial crews in Surveyed Areas (Strata 1-18, 20-50 and 75-77).**

Year	Alaska- Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	101,312	461,035	0	0	0	0	0	0	0	0	0	562,347
1956	104,466	357,505	0	0	0	0	0	0	0	0	0	461,971
1957	118,737	418,774	0	0	0	0	0	0	0	0	0	537,511
1958	113,039	451,587	0	0	0	0	0	0	0	0	0	564,626
1959	103,125	607,727	0	0	0	0	0	0	0	0	0	710,852
1960	117,802	367,340	0	0	0	0	0	0	0	0	0	485,142
1961	96,059	432,379	0	0	0	0	0	0	0	0	0	528,438
1962	118,039	278,661	0	0	0	0	0	0	0	0	0	396,700
1963	168,910	163,410	0	0	0	0	0	0	0	0	0	332,320
1964	119,997	522,247	0	16	0	0	0	0	0	0	0	642,260
1965	113,084	320,808	0	0	0	0	0	0	0	0	0	433,892
1966	152,978	460,229	0	0	0	0	0	0	0	0	0	613,207
1967	155,157	402,349	0	0	0	0	0	0	0	0	0	557,506
1968	214,327	165,141	0	0	0	0	118	0	0	0	4,737	384,323
1969	126,915	460,284	0	0	0	0	0	0	0	0	0	587,199
1970	144,278	283,336	0	0	0	0	0	0	0	0	0	427,614
1971	164,230	224,620	0	0	0	0	0	0	0	0	305	389,155
1972	184,766	105,708	0	0	0	0	0	0	0	0	1,193	291,666
1973	121,432	181,405	0	0	0	0	0	0	0	0	0	302,837
1974	215,296	218,798	0	0	0	0	0	0	0	0	312	434,406
1975	158,556	196,158	0	0	0	0	0	0	0	0	314	355,028
1976	145,431	176,088	0	0	0	734	0	0	0	0	316	322,569
1977	290,940	193,657	0	1,033	0	0	0	0	0	0	318	485,949
1978	263,007	180,090	0	0	0	0	0	0	0	0	320	443,417
1979	199,235	626,439	0	0	0	0	0	0	0	0	321	825,996
1980	336,865	321,968	0	0	0	0	0	0	0	0	323	659,156
1981	173,600	171,786	0	0	0	0	0	0	0	0	323	345,708
1982	177,779	193,729	649	0	0	0	0	0	0	0	323	372,481
1983	224,262	112,970	0	0	0	0	0	0	0	0	323	337,555
1984	135,667	601,278	0	0	0	0	0	0	0	0	322	737,267
1985	149,973	267,747	0	0	0	0	0	0	0	0	320	418,040
1986	189,696	129,858	0	0	0	0	0	0	0	0	0	319,554
1987	117,410	276,716	0	0	0	0	0	0	0	0	1,158	395,284
1988	108,604	233,704	0	0	0	0	0	0	0	0	0	342,308
1989	94,971	279,324	0	0	0	0	0	0	0	0	0	374,295
1990	114,325	43,601	0	0	0	0	0	0	0	0	0	157,926
1991	107,857	76,253	404	0	0	0	0	0	0	0	0	184,514
1992	86,744	46,989	0	0	0	0	0	0	0	0	0	133,733
1993	107,048	64,630	0	0	286	0	503	0	0	0	1,122	173,589
1994	98,776	79,121	0	0	597	0	1,251	0	0	0	0	179,744
1995	110,800	93,690	0	0	0	0	535	0	0	0	0	205,025
1996	88,004	47,062	0	0	0	0	0	0	0	0	13,405	148,471
1997	68,685	107,678	0	0	0	0	0	0	0	0	0	176,364
1998	91,042	50,520	0	0	0	901	0	0	0	0	0	142,463
1999	72,237	111,611	0	0	0	0	0	538	0	0	0	184,386
2000	105,235	48,178	0	0	0	0	0	0	0	0	0	153,413
2001	99,807	57,322	0	0	0	0	0	0	0	0	0	157,129
2002	84,147	104,273	0	0	0	0	0	0	0	0	0	188,420
2003	83,212	83,230	0	0	0	0	0	0	0	0	0	166,442
2004	83,502	116,282	0	0	0	0	0	0	0	0	0	199,784
2005	66,299	69,438	0	0	0	0	0	0	0	0	0	135,737
2006	103,175	59,339	0	0	0	0	0	0	0	0	1,159	163,674
2007	129,549	28,652	0	0	0	0	0	0	0	0	0	158,201
2008	102,784	46,205	0	0	0	0	0	0	0	0	0	148,989
2009	67,011	62,704	0	1,299	0	450	0	0	0	0	0	131,465
2010	82,209	87,136	0	0	0	0	0	0	0	0	0	169,345
2011	81,318	146,195	0	0	0	0	0	0	0	0	0	227,514
2012	79,397	127,565	0	0	0	0	0	0	0	0	0	206,962
2013	67,714	162,013	0	0	0	0	0	0	0	0	0	229,727
2014	43,449	76,624	0	0	0	0	0	0	0	0	0	120,074
% Chg. from: 2013	-35.8%	-52.7%	-	-	-	-	-	-	-	-	-	-47.7%
1955-2013	-66.7%	-64.6%	-	-	-	-	-	-	-	-	-	-65.4%
Average: 1955-2013	130,522	216,348	18	40	15	35	41	9	0	0	456	347,485
1955-2014	129,071	214,020	18	39	15	35	40	9	0	0	449	343,695

Merganser SPP. breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	1,233	151,416	0	102,312	455	71,891	196	789	0	0	94,011	422,304
1956	1,226	99,215	0	40,606	0	13,420	0	853	0	0	71,613	226,934
1957	418	87,253	0	27,197	0	9,195	0	911	0	0	68,046	193,020
1958	1,363	176,943	5,940	56,600	0	33,711	193	963	0	21	165,788	441,521
1959	139	194,348	3,960	51,614	420	27,145	0	1,006	0	0	53,467	332,099
1960	1,115	175,828	1,188	22,093	11,361	56,942	945	1,042	0	0	160,728	431,242
1961	456	148,953	396	11,806	2,596	30,375	376	1,072	0	0	85,324	281,354
1962	7,721	96,812	0	29,187	0	75,296	0	1,100	0	0	108,886	319,002
1963	4,706	105,154	0	54,230	9,399	80,118	0	1,130	172	0	109,461	364,370
1964	597	99,210	1,584	48,487	2,433	34,811	9,691	1,162	0	0	89,056	287,031
1965	2,054	109,084	9,268	85,755	5,219	59,203	8,957	1,447	218	0	62,807	344,012
1966	2,132	78,950	7,746	46,274	0	40,315	4,470	0	233	1,331	144,571	326,022
1967	7,715	58,742	1,814	94,183	0	72,086	0	7,688	0	0	157,957	400,185
1968	309	19,815	1,100	71,382	989	59,421	188	708	0	0	118,893	272,806
1969	959	30,213	1,691	105,611	1,443	62,123	759	0	2,863	0	171,414	377,076
1970	2,368	48,584	9,443	101,291	8,809	51,499	2,768	0	0	0	115,510	340,272
1971	1,786	17,977	4,056	68,353	1,260	39,057	595	0	0	0	124,964	258,049
1972	6,056	30,633	4,187	91,144	0	38,742	5,599	708	1,432	0	147,270	325,771
1973	3,755	32,672	2,101	74,933	2,178	56,336	7,470	827	716	800	104,043	286,191
1974	3,355	21,125	0	87,759	455	51,526	16,818	3,541	716	0	130,382	315,677
1975	5,155	33,624	16,428	107,454	7,523	176,326	15,145	1,416	0	0	132,314	495,385
1976	2,199	85,644	0	73,943	5,323	48,100	4,764	827	0	0	134,304	355,104
1977	7,852	143,165	4,800	110,717	3,364	76,611	8,950	2,656	0	0	136,342	494,457
1978	11,504	168,550	16,088	166,449	6,486	145,932	9,624	1,948	0	0	138,421	665,003
1979	5,535	124,388	5,678	76,471	12,983	91,483	27,356	4,073	0	2,546	140,535	491,048
1980	5,230	138,964	17,961	116,416	6,849	174,909	45,568	0	0	800	142,680	649,377
1981	6,721	53,313	13,594	98,184	14,552	170,268	47,188	8,502	0	0	144,855	557,177
1982	8,662	60,497	15,473	102,891	3,431	48,917	11,642	1,829	334	7,039	147,060	407,775
1983	7,228	78,522	15,322	146,681	5,941	165,986	60,491	0	6,252	5,714	149,300	641,437
1984	20,221	116,503	4,906	141,524	17,722	134,694	21,659	1,416	2,667	6,137	151,570	619,018
1985	25,064	75,508	8,875	155,887	1,855	94,180	26,003	708	543	0	153,850	542,473
1986	24,710	34,330	8,645	209,880	0	52,371	11,962	2,775	0	0	101,071	445,744
1987	21,569	69,242	10,069	164,970	6,872	131,649	14,228	1,948	543	0	126,987	548,077
1988	24,094	62,811	21,560	157,386	5,817	83,487	11,487	1,416	0	2,095	156,605	526,758
1989	8,420	74,537	8,593	100,018	3,650	82,100	19,204	2,124	716	3,481	138,094	440,937
1990	10,141	91,708	4,982	126,105	7,945	60,573	34,190	0	4,319	2,401	105,514	447,878
1991	14,142	44,707	15,245	186,213	6,458	143,423	11,092	4,234	3,240	4,020	111,067	543,841
1992	19,222	125,943	8,721	129,633	3,820	61,847	16,056	1,266	0	0	180,912	547,418
1993	23,047	71,091	6,295	117,061	3,548	83,699	10,407	985	293	2,108	209,780	528,314
1994	21,038	109,992	6,943	155,000	2,282	188,701	6,199	770	506	3,728	305,861	801,020
1995	16,648	70,811	10,436	160,749	7,544	106,213	4,408	2,576	1,435	4,948	224,592	610,362
1996	39,454	31,939	5,931	111,452	4,005	64,121	26,171	3,067	321	475	510,790	797,726
1997	25,159	49,740	9,796	165,117	6,455	89,875	53,357	1,948	877	7,698	442,847	852,869
1998	24,670	48,519	5,416	106,581	6,773	86,410	4,652	2,975	543	2,495	120,905	409,939
1999	15,102	96,031	8,136	155,433	2,623	49,323	38,879	11,288	716	4,002	95,057	476,592
2000	32,794	187,976	5,061	154,035	9,187	51,429	26,394	6,730	7,504	2,896	278,841	762,848
2001	27,356	109,312	8,471	127,713	21,194	67,167	16,060	4,786	669	3,700	322,505	708,932
2002	22,772	96,605	10,460	182,481	2,960	131,026	10,979	8,628	0	2,404	579,997	1,048,311
2003	20,416	116,609	2,560	148,484	2,427	61,780	6,618	2,983	0	506	666,574	1,028,957
2004	22,012	46,745	4,211	221,728	3,078	224,573	6,064	1,340	325	1,365	551,138	1,082,580
2005	36,247	36,445	1,927	111,583	4,141	80,514	9,548	1,850	897	0	354,051	637,203
2006	27,033	66,657	1,627	100,745	3,129	76,854	17,994	1,512	0	873	264,499	560,923
2007	36,686	91,875	2,888	97,516	5,285	67,387	14,251	255	0	0	314,541	630,683
2008	27,235	94,530	7,723	77,465	3,590	85,041	56,632	1,083	917	0	438,910	793,127
2009	24,499	109,337	16,411	124,827	9,075	117,680	10,982	4,353	621	0	285,875	703,661
2010	30,975	130,363	21,095	115,660	5,586	70,088	22,109	1,024	3,063	0	288,814	688,776
2011	29,520	122,272	7,527	84,093	5,974	155,407	12,401	2,750	981	3,982	313,712	738,619
2012	33,602	78,057	23,287	58,110	2,147	105,615	10,722	5,491	941	1,738	307,040	626,749
2013	18,322	114,678	7,201	109,199	8,853	114,182	10,195	1,582	4,817	3,038	0	392,065
2014	29,803	124,487	2,661	113,232	12,161	37,305	25,232	9,312	6,829	3,457	307,684	672,165
% Chg. from:												
2013	62.7%	8.6%	-63.0%	3.7%	37.4%	-67.3%	147.5%	488.8%	41.8%	13.8%	-	71.4%
1955-2013	111.4%	40.0%	-63.0%	5.6%	149.6%	-55.8%	79.2%	322.4%	699.6%	147.7%	55.8%	28.6%
Average:												
1955-2013	14,097	88,889	7,200	107,232	4,872	84,460	14,079	2,204	854	1,396	197,498	522,781
1955-2014	14,359	89,483	7,125	107,332	4,994	83,674	14,265	2,323	954	1,430	199,334	525,271

American Coot breeding population estimates, adjusted for birds present that were not seen by aerial crews, in Surveyed Areas (Strata 1-18, 20-50 and 75-77).

Year	Alaska-Yukon 1-12	NAIbta BC&NWT 13-19, 20, 75-77	So. Albta 26-29	N.Sask 21-23	S.Sask 30-35	N.Man 24-25	S.Man 36-40	Mont 41-42	N.Dak 43 & 45-47	S.Dak 44 & 48-49	W.Ont 50	Surveyed Areas
1955	85	30,748	141,262	0	360,714	0	18,772	39,862	41,147	21,783	0	654,372
1956	238	5,473	108,038	0	604,698	0	45,684	39,080	44,395	21,609	0	869,216
1957	5	0	56,605	0	438,843	0	27,830	38,541	47,919	22,724	0	632,467
1958	0	0	98,069	0	127,546	0	76,960	38,206	59,014	24,941	0	424,735
1959	0	156,775	169,760	22,465	145,323	115,835	170,796	38,030	94,402	31,128	0	944,514
1960	0	3,884	120,075	7,855	111,952	33,997	87,532	37,985	81,985	40,387	0	525,652
1961	5	62,589	92,872	0	70,527	114,327	125,400	38,024	51,084	29,340	0	584,168
1962	0	23,713	19,746	5,498	78,951	19,192	32,780	38,259	103,958	60,958	0	383,055
1963	6,353	22,846	82,177	17,280	27,371	68,816	43,635	38,880	47,427	21,014	0	375,799
1964	6	18,799	39,957	6,265	50,484	79,782	37,394	39,997	14,200	53,396	0	340,280
1965	6	5,654	65,136	15,539	63,564	74,847	46,199	13,949	93,789	19,307	0	397,989
1966	6	35,540	46,130	8,240	83,356	42,222	20,318	19,440	150,515	33,777	0	441,544
1967	6	6,608	202,542	29,331	178,983	76,218	74,096	23,406	203,316	27,961	0	822,466
1968	6	82,071	98,780	132,574	214,325	448,558	46,404	58,112	127,526	75,652	0	1,284,008
1969	6	13,549	144,825	15,536	203,789	23,651	120,689	30,955	131,266	91,127	0	775,394
1970	7	9,611	169,841	19,970	450,341	42,962	169,108	22,279	192,302	91,771	0	1,168,192
1971	7	20,484	99,723	13,032	481,517	31,396	120,880	9,576	147,652	34,973	905	960,145
1972	7	32,012	122,608	7,213	284,899	19,572	159,683	17,541	178,836	110,937	0	933,308
1973	7	167,405	145,425	33,025	465,919	66,533	69,406	37,952	124,724	126,109	0	1,236,505
1974	7	30,827	266,979	4,585	544,311	15,269	230,322	22,196	368,921	27,821	1,943	1,513,180
1975	7	36,637	483,329	12,610	799,782	37,986	282,924	13,776	512,939	75,667	2,262	2,257,919
1976	7	27,056	83,519	32,801	1,512,966	32,432	470,430	59,458	104,227	66,604	2,579	2,392,079
1977	7	428,722	285,358	192,611	269,357	123,309	179,959	16,392	74,819	91,398	2,896	1,664,828
1978	7	65,559	168,357	48,248	317,848	24,392	111,315	83,083	389,599	232,503	3,213	1,444,124
1979	7	7,730	417,979	3,439	787,159	22,605	182,855	319,446	1,358,125	356,097	3,526	3,458,968
1980	7	415,657	501,055	292,094	634,230	201,320	330,575	104,220	395,967	77,091	3,830	2,956,046
1981	7	198,729	405,024	414,742	395,073	358,149	157,473	197,667	374,657	176,800	4,119	2,682,441
1982	7	68,725	371,736	25,849	175,368	93,241	111,878	53,327	561,294	202,707	4,386	1,668,518
1983	7	138,412	253,247	18,773	546,681	16,921	123,936	42,885	411,000	263,525	4,621	1,820,007
1984	94	91,666	542,666	88,836	507,406	23,213	38,308	103,474	898,926	603,719	4,811	2,903,119
1985	0	69,291	327,286	16,066	530,572	49,020	33,778	145,150	309,729	196,547	4,946	1,682,385
1986	0	34,233	282,225	7,881	315,048	14,492	212,457	32,078	313,196	487,546	0	1,699,157
1987	0	83,629	137,883	157,696	241,678	97,448	77,065	27,238	530,327	427,336	0	1,780,300
1988	0	232,749	166,147	100,139	930,687	240,716	591,810	95,515	429,080	436,363	0	3,223,206
1989	0	158,090	349,532	119,530	276,168	80,035	60,145	65,866	246,784	284,727	0	1,640,877
1990	0	197,152	485,709	23,665	261,462	38,073	151,795	153,414	161,725	191,467	0	1,664,462
1991	0	92,552	279,675	8,772	366,579	134,823	81,071	52,948	58,127	77,412	0	1,151,959
1992	0	114,937	307,393	14,993	442,607	52,576	215,542	15,337	84,060	132,791	0	1,380,235
1993	0	92,495	282,101	20,506	111,818	146,505	32,198	58,300	113,905	167,235	0	1,025,062
1994	0	50,381	234,680	23,451	383,314	8,801	35,778	56,845	607,988	310,988	0	1,712,227
1995	0	37,511	232,937	9,178	625,223	12,646	195,400	33,236	1,675,859	616,886	0	3,438,877
1996	0	41,342	234,396	11,750	868,111	3,734	281,166	38,798	1,241,902	409,910	0	3,131,109
1997	0	253,835	377,464	9,752	1,661,101	9,409	282,918	80,096	1,715,341	525,686	0	4,915,601
1998	0	467,038	260,003	26,584	594,337	33,716	506,699	12,778	767,945	468,980	0	3,138,079
1999	0	159,571	342,322	38,032	823,675	19,864	162,542	174,701	889,876	458,569	0	3,069,152
2000	0	615,563	418,760	79,295	848,496	129,964	284,810	69,091	912,574	300,905	0	3,659,459
2001	0	87,215	207,397	41,472	679,246	32,269	315,350	21,588	319,644	141,672	0	1,845,852
2002	0	584,907	376,090	91,236	306,829	203,347	246,718	36,341	437,898	235,084	0	2,518,449
2003	0	101,998	222,264	4,550	633,882	7,843	107,401	17,697	77,862	21,988	0	1,195,485
2004	0	294,932	240,183	74,401	536,335	31,025	83,747	43,403	525,804	32,210	0	1,862,040
2005	0	220,265	240,935	13,092	806,864	12,417	175,411	5,143	84,357	32,551	0	1,591,035
2006	0	195,126	418,974	10,691	1,188,247	7,931	103,699	11,877	103,799	60,546	1,372	2,102,263
2007	468	87,724	444,380	19,766	1,406,277	6,066	81,656	60,445	171,516	312,872	0	2,591,169
2008	0	281,459	667,924	29,080	1,640,884	14,458	129,965	136,639	308,040	417,504	0	3,625,954
2009	0	62,253	321,137	35,011	601,935	7,195	253,161	93,030	657,777	227,887	0	2,259,385
2010	0	129,577	333,652	2,326	590,896	2,851	46,784	43,313	675,446	584,335	0	2,409,179
2011	0	49,405	488,029	0	1,336,121	9,113	226,997	40,020	678,373	796,338	0	3,624,396
2012	0	88,659	498,022	3,184	2,333,385	768	110,731	15,364	1,129,963	520,246	0	4,720,325
2013	0	41,866	521,606	581	1,106,576	1,572	141,258	10,961	514,239	480,707	0	2,819,367
2014	0	45,556	775,060	2,907	1,505,727	0	208,362	58,843	929,115	478,590	0	4,004,160
% Chg. from:												
2013	-	8.8%	48.6%	400.0%	36.1%	-	47.5%	436.9%	80.7%	-0.4%	-	42.0%
1955-2013	-	-62.3%	194.9%	-93.0%	166.1%	-	37.5%	5.7%	137.0%	126.4%	-	114.8%
Average:												
1955-2013	125	120,902	262,778	41,713	565,790	61,278	151,552	55,648	392,018	211,358	770	1,863,934
1955-2014	123	119,647	271,316	41,067	581,456	60,257	152,499	55,701	400,970	215,812	757	1,899,604

Pacific Flyway States (CA, NV, OR, UT, WA) Duck Breeding Population Summary, 1994-2014. *

Year	Mallard	Gadwall	Wigeon	GW Teal	BW Teal	CIN Teal [†]	Shoveler	Pintail	Total Dabblers	Redhead	Canvasback	Scaup	Ringneck	Goldeneye	Bufflehead	Ruddy	Total Divers	Wood Duck	Mergansers	Total Ducks
1994	507,609	145,809	8,511	9,641	20,733	121,064	54,158	15,597	883,122	51,885	4,864	8,131	2,908	2,305	4,635	25,293	100,021	14,272	687	998,102
1995	522,760	165,838	9,246	5,635	17,653	103,818	43,210	30,940	899,099	43,269	4,580	18,088	9,985	3,648	8,888	30,201	118,659	11,522	3,736	1,033,016
1996	716,569	165,474	22,105	16,237	14,080	66,959	106,112	28,509	1,136,045	43,040	2,649	36,670	10,505	4,967	12,332	39,643	149,806	11,667	2,215	1,299,733
1997	717,093	193,108	21,050	37,617	17,676	106,143	161,883	40,870	1,295,440	38,918	5,243	16,720	12,310	2,184	10,172	32,432	117,979	7,200	1,774	1,422,393
1998	573,053	163,357	35,461	28,954	21,550	95,001	140,770	15,854	1,074,000	43,656	5,640	27,938	12,394	1,531	7,475	112,518	211,152	12,779	4,948	1,302,879
1999	787,272	176,602	43,009	26,092	21,452	94,224	67,162	24,483	1,240,296	34,405	6,005	24,428	13,516	2,199	7,672	90,353	178,578	25,070	1,891	1,445,835
2000	533,792	184,300	14,881	10,580	19,848	93,802	86,438	14,267	957,908	40,517	5,783	14,528	17,818	2,292	3,601	34,814	119,352	10,405	2,518	1,090,183
2001	477,648	150,314	13,390	9,281	17,931	34,611	42,601	11,651	757,426	39,118	4,233	18,235	10,714	4,100	4,537	31,226	112,163	7,189	2,059	878,836
2002	427,598	135,033	14,137	5,407	24,369	59,567	49,525	10,769	726,405	27,932	6,147	21,901	8,520	4,036	11,434	21,621	101,591	7,135	2,416	837,547
2003	481,089	162,203	11,173	3,895	14,201	76,892	48,484	8,704	806,641	42,400	6,027	23,389	10,877	5,406	7,780	49,206	145,085	4,546	3,569	959,841
2004	403,210	160,126	11,984	5,917	13,659	74,955	30,219	12,724	712,794	28,048	2,433	11,615	4,639	3,297	7,565	34,965	92,562	12,553	2,944	820,853
2005	461,761	248,611	7,724	6,876	12,692	79,689	64,724	15,673	897,750	15,577	1,896	17,243	6,420	5,574	7,818	22,312	76,840	30,495	2,598	1,007,683
2006	553,681	205,850	15,878	13,125	9,544	102,757	60,140	20,544	981,519	29,767	5,975	21,177	13,495	3,055	20,043	33,370	126,882	25,644	1,989	1,136,034
2007	552,104	214,896	23,646	20,205	11,999	87,107	87,788	15,466	1,013,211	23,983	3,760	19,427	12,463	2,839	7,738	30,292	100,502	18,219	2,582	1,134,514
2008	447,715	156,513	11,537	8,021	12,015	84,805	86,774	7,175	814,555	24,247	3,720	18,674	9,134	4,782	25,687	53,115	139,359	21,092	2,606	977,612
2009	455,353	201,086	13,722	11,418	9,257	114,130	41,798	9,003	855,767	25,640	5,317	13,760	12,615	4,336	7,565	37,398	106,632	14,309	4,698	981,405
2010	538,294	155,849	12,174	12,275	1,822	104,449	59,925	7,159	891,948	37,092	14,123	14,945	9,874	199	18,336	25,104	119,675	11,656	2,151	1,025,431
2011	451,935	178,751	10,439	17,059	1,461	88,479	41,252	7,953	797,329	16,286	4,659	9,148	11,058	1,051	12,616	17,760	72,577	14,599	7,685	892,190
2012	590,095	153,532	14,889	13,470	1,668	64,999	58,652	10,027	907,332	26,678	4,048	9,575	15,549	1,027	16,097	29,391	102,365	15,518	5,541	1,030,757
2013	492,486	174,433	18,419	20,816	1,799	59,321	47,317	7,332	821,923	34,470	7,959	14,007	9,272	1,699	15,299	49,977	132,683	13,215	4,054	971,875
2014	428,231	195,525	19,989	28,950	1,536	80,060	94,366	5,566	854,222	28,052	9,112	9,224	13,188	703	9,656	48,103	118,038	20,934	7,897	1,001,091
Averages:																				
1994-00	622,593	170,641	22,038	19,251	18,999	97,287	94,248	24,360	1,069,416	42,241	4,966	20,929	11,348	2,732	7,825	52,179	142,221	13,274	2,538	1,227,449
2001-10	479,845	179,048	13,536	9,642	12,749	81,896	57,198	11,887	845,801	29,380	5,363	18,037	9,875	3,762	11,850	33,861	112,129	15,284	2,761	975,976
2011-14	490,687	175,560	15,934	20,074	1,616	73,215	60,397	7,720	845,201	26,372	6,444	10,488	12,267	1,120	13,417	36,308	106,416	16,066	6,294	973,978
All Years	529,493	175,581	16,827	14,832	12,712	85,373	70,157	15,251	920,225	33,094	5,437	17,563	10,822	2,916	10,807	40,433	121,071	14,763	3,360	1,059,419
% Change from:																				
1994-13	-19.9%	12.0%	19.9%	104.9%	-88.4%	-6.5%	36.9%	-64.6%	-7.5%	-15.9%	73.5%	-48.7%	23.2%	-76.8%	-11.1%	20.1%	-2.6%	44.8%	152.0%	-5.8%
2013	-13.0%	12.1%	8.5%	39.1%	-14.6%	35.0%	99.4%	-24.1%	3.9%	-18.6%	14.5%	-34.2%	42.2%	-58.6%	-36.9%	-3.7%	-11.0%	58.4%	94.8%	3.0%

*Surveys in NV and UT redesigned in 2009 (not comparable to previous years), and redesigned in WA and OR in 2014 (historical data reflect updates).

[†]Pacific Flyway total Cinnamon Teal estimates could be derived from all states except WA, but the majority of the old BW/CIN column is assumed to be CIN, based on recent history.

Duck Breeding Population Summary for California, 1990-2014.

Year	Mallard	Gadwall	Wigeon	GW Teal	BW Teal	CIN Teal	Shoveler	Pintail	All Dabblers	Redhead	Canvasback	Scaup	Ringneck	Goldeneye	Bufflehead	Ruddy	All Divers	Wood Duck	Mergansers	All Ducks
1990	615,025	32,210	2,260	7,714		32,108	12,926	8,328	710,571	15,066	459	272	7,010	0	1,521	778	25,106	10,796	0	746,473
1991	380,834	24,168	3,348	1,637		70,173	3,231	95,364	578,755	7,999	815	18,837	2,252	1,180	290	18,108	49,481	14,500	0	642,736
1992	384,579	38,249	1,031	2,855		63,165	7,876	5,037	502,792	3,153	0	7,523	487	0	0	8,465	19,628	4,533	2,612	529,565
1993	384,280	77,939	3,929	6,097		74,554	55,866	8,694	611,359	11,047	259	4,081	536	0	1,126	6,197	23,246	2,411	0	637,016
1994	321,097	59,452	1,453	6,636		31,725	25,857	8,464	454,684	2,541	859	957	111	0	3,628	497	8,593	9,346	166	472,789
1995	368,526	94,421	3,221	0		51,330	15,650	20,873	554,021	5,250	1,022	6,349	67	0	2,598	11,970	27,256	8,433	0	589,710
1996	536,709	92,024	6,995	639		18,140	61,514	9,571	725,592	2,625	518	22,547	407	2,292	2,761	12,007	43,157	4,216	327	773,292
1997	511,344	93,441	4,476	21,536		46,336	101,558	23,585	802,276	808	790	1,553	0	307	325	8,610	12,393	0	327	814,996
1998	353,901	69,936	22,322	14,646		39,443	100,679	6,213	607,140	4,038	198	15,047	418	0	2,648	74,529	96,878	2,763	0	706,781
1999	560,063	92,434	30,124	16,786		39,725	22,183	13,207	774,522	1,211	472	6,313	0	0	2,273	53,142	63,411	16,323	0	854,256
2000	347,559	103,989	4,220	1,802		24,669	55,728	6,163	544,150	1,615	1,226	3,077	0	0	1,299	8,454	15,671	3,414	0	563,235
2001	302,204	68,560	3,952	4		26,592	6,393	1,057	408,762	0	0	3,025	0	0	0	1,749	4,774	0	0	413,536
2002	265,295	59,345	350	230		14,008	22,920	2,417	364,565	1,211	3,139	5,863	0	0	3,348	2,010	15,571	0	0	380,136
2003	337,056	78,037	3,738	0		29,382	25,277	4,296	477,786	11,207	3,708	7,320	125	0	2,631	23,497	48,488	0	1,373	527,647
2004	262,727	75,773	1,021	0		35,461	7,903	5,440	388,325	1,226	0	1,324	0	0	1,949	13,936	18,435	7,041	0	413,801
2005	317,869	179,356	450	283		37,984	28,096	6,412	570,450	1,083	126	9,604	0	1,997	3,637	7,578	24,025	23,766	0	618,241
2006	399,436	122,326	1,969	80		57,570	24,427	7,266	613,074	4,034	1,569	2,461	0	0	3,449	5,568	17,081	19,220	0	649,375
2007	388,324	137,686	2,771	2,833		40,050	22,884	3,610	598,158	7,803	785	711	2,400	0	1,025	6,164	18,888	10,561	0	627,607
2008	297,129	69,000	2,562	602		43,105	64,335	2,604	479,337	4,029	392	9,574	1,941	921	16,278	28,245	61,380	13,577	0	554,294
2009	301,960	109,502	2,209	224		50,872	26,694	1,029	492,490	3,190	403	1,710	987	614	1,239	2,198	10,341	7,949	704	511,484
2010	367,891	82,763	1,428	1,465		48,478	20,671	2,874	525,570	2,368	785	5,050	813	0	1,401	1,879	12,296	3,442	654	541,962
2011	314,715	118,479	1,544	977		63,704	23,027	4,198	526,644	4,164	569	4,207	1,644	921	5,618	4,436	21,559	10,390	5,232	563,825
2012	381,922	51,936	4,476	2,112	0	26,600	29,176	4,906	501,128	1,697	392	684	0	0	3,650	12,777	19,200	4,198	0	524,526
2013	298,636	74,410	3,429	1,592	0	22,560	23,142	2,193	425,962	654	1,237	2,717	571	307	2,879	14,116	22,481	2,832	0	451,275
2014	238,666	93,259	3,755	6,386	0	30,870	32,198	963	406,097	4,093	4,356	1,618	976	323	2,149	20,565	34,080	8,573	1,577	450,327
Averages:																				
1990-00	433,083	70,751	7,580	7,304	-	44,672	42,097	18,682	624,169	5,032	602	7,869	1,026	344	1,679	18,432	34,984	6,976	312	666,441
2001-10	323,989	98,235	2,045	572	-	38,350	24,960	3,701	491,852	3,615	1,091	4,664	627	353	3,496	9,282	23,128	8,556	273	523,808
2011-14	308,465	84,521	3,301	2,767	0	35,934	26,886	3,065	464,958	2,652	1,639	2,307	798	388	3,574	12,974	24,330	6,498	1,702	497,488
All Years	369,510	83,948	4,681	3,885	0	40,745	32,808	10,191	545,768	4,084	963	5,697	830	354	2,709	13,899	28,537	7,531	519	582,355
% Change from:																				
1990-13	-36.3%	11.6%	-20.4%	68.9%	-	-25.0%	-1.9%	-90.9%	-26.4%	0.2%	430.1%	-72.4%	18.5%	-9.2%	-21.3%	51.0%	20.4%	14.5%	232.1%	-23.4%
2013	-20.1%	25.3%	9.5%	301.1%	-	36.8%	39.1%	-56.1%	-4.7%	525.8%	252.1%	-40.4%	70.9%	5.2%	-25.4%	45.7%	51.6%	202.7%	#DIV/0!	-0.2%

Duck Breeding Population Summary for Nevada, 1990-2014.*

Year	Mallard	Gadwall	Wigeon	GW Teal	BW Teal	CIN Teal	Shoveler	Pintail	All Dabblers	Redhead	Canvasback	Scaup	Ringneck	Goldeneye	Bufflehead	Ruddy	All Divers	Wood Duck	Mergansers	All Ducks
1990	1,928	5,780				6,215	388	706	14,997	9,564	267					5,411	15,242			30,239
1991	1,303	4,245				4,741	487	321	11,097	5,115	94					3,754	8,963			20,060
1992	2,113	5,031				3,795	318	617	11,874	4,029	128					4,461	8,618			20,492
1993	1,009	2,372				1,964	195	855	6,395	4,070	68					944	5,082			11,477
1994	2,246	6,380				3,890	271	805	13,592	6,972	527					1,547	9,046			22,638
1995	1,377	5,297				3,501	384	620	11,179	6,673	363					2,586	9,622			20,801
1996	2,255	6,932				6,532	525	1,176	17,420	10,798	426					2,262	13,486			30,906
1997	3,554	7,856				4,950	602	841	17,803	9,191	559					2,196	11,946			29,749
1998	2,497	6,470				5,219	476	1,058	15,720	9,326	752					4,748	14,826			30,546
1999	2,506	8,237				6,170	1,839	1,265	20,017	7,587	1,302					2,422	11,311			31,328
2000	No Survey	"				"	"	"	"	"	"					"	"			"
2001	2,883	8,031				4,733	476	746	16,869	9,301	363					4,584	14,248			31,117
2002	1,104	3,828				2,295	232	225	7,684	4,441	182					1,990	6,613			14,297
2003	2,126	6,824				4,018	358	540	13,866	7,039	427					3,239	10,705			24,571
2004	2,660	7,755				4,195	584	687	15,881	7,224	326					3,887	11,437			27,318
2005	994	2,442				2,258	207	220	6,121	3,397	337					1,349	5,083			11,204
2006	1,784	4,183				16,682	449	413	23,511	5,387	727					7,743	13,857	0	0	37,368
2007	2,080	3,234	0	0		3,868	135	146	9,463	0	0	0	0	0	0	1,985	1,985	0	0	11,448
2008	1,924	928	0	0		3,051	105	121	6,129	2,139	297	0	0	0	0	2,957	5,393	0	0	11,522
2009	12,665	25,831	2,266	952		32,061	1,455	2,471	77,701	5,695	3,141	3,704	1,498	104	104	11,351	25,493	604	1,682	105,480
2010	8,878	7,183	0	0	0	9,307	388	413	26,169	14,344	11,188	2,374	171	119	1,832	11,754	41,782	144	564	68,659
2011	2,328	4,403	91	159	0	513	343	121	7,958	1,053	1,700	266	38	0	0	569	3,626	19	115	11,718
2012	4,087	8,014	209	16	0	2,551	2,977	466	18,320	1,825	193	478	60	0	0	2,541	5,097	170	337	23,924
2013	8,838	11,579	157	0	0	2,460	586	712	24,332	3,055	3,722	2,677	59	31	66	4,985	14,595	230	978	40,135
2014	4,155	6,836	0	0	0	2,576	20	88	13,675	2,726	1,869	2,110	0	0	0	2,666	9,371	93	564	23,703
Averages:																				
1990-95	2,079	5,858	-	-	-	4,698	549	826	14,009	7,333	449	-	-	-	-	3,033	10,814	-	-	24,824
2001-10	3,710	7,024	567	238	0	8,247	439	598	20,339	5,897	1,699	1,520	417	40	484	5,084	13,660	150	449	34,298
2011-14	4,852	7,708	114	44	0	2,025	982	347	16,071	2,165	1,871	1,383	39	8	17	2,690	8,172	128	499	24,870
All Years	3,221	6,652	340	141	0	5,731	575	651	16,991	5,873	1,207	1,451	228	21	250	3,830	11,559	140	471	28,779
% Change from:																				
1990-13	30.7%	2.9%	-100.0%	-	-	-56.1%	-96.7%	-87.0%	-20.2%	-54.6%	58.7%	55.5%	-100.0%	-100.0%	-100.0%	-31.3%	-19.6%	-36.2%	22.7%	-18.3%
2013	-53.0%	-41.0%	-100.0%	-	-	4.7%	-96.6%	-87.6%	-43.8%	-10.8%	-49.8%	-21.2%	-100.0%	-100.0%	-100.0%	-46.5%	-35.8%	-59.6%	-42.3%	-40.9%

*Surveys in NV redesigned in 2009 - not comparable to past years

Duck Breeding Population Summary for Oregon, 1994-2014.*

Year	Mallard	Gadwall	Wigeon	GW Teal	BW Teal	CIN Teal	Shoveler	Pintail	All Dabblers	Redhead	Canvasback	Scaup	Ringneck	Goldeneye	Bufflehead	Ruddy	All Divers	Wood Duck	Mergansers	All Ducks
1994	116,430	54,229	2,282	1,338	0	75,723	21,814	5,006	276,822	22,906	3,398	1,876	1,431	804	933	12,798	44,147	2,531	72	323,571
1995	77,515	40,577	2,100	2,643	1,292	40,444	12,152	6,225	182,947	11,791	2,519	1,795	3,501	1,189	3,651	5,689	30,136	1,814	989	215,886
1996	102,168	43,976	8,897	11,508	0	34,533	33,835	13,139	248,056	11,210	1,060	2,317	6,166	315	4,406	8,685	34,149	5,278	916	288,400
1997	121,155	61,651	8,027	8,800	773	49,206	46,201	13,080	308,894	13,170	2,530	6,620	7,424	0	4,370	8,695	45,118	4,980	475	359,467
1998	124,942	65,025	5,918	6,920	1,322	46,790	26,086	5,834	282,837	13,562	4,071	5,230	8,635	223	3,772	15,793	51,285	7,632	3,377	345,132
1999	125,631	52,004	6,895	5,230	536	44,518	24,519	7,400	266,732	10,782	3,197	7,362	8,675	200	4,144	12,441	46,801	5,530	902	319,966
2000	110,854	54,495	6,037	5,296	0	59,913	20,437	5,449	262,480	12,782	3,297	4,461	12,132	164	1,826	11,798	46,460	4,263	1,672	314,875
2001	No Survey	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
2002	104,481	44,688	7,243	2,387	0	38,073	18,501	7,019	222,390	6,914	1,320	6,747	6,942	0	6,444	7,863	36,229	4,850	1,175	264,644
2003	89,032	54,287	2,276	1,906	2,929	40,141	14,300	2,544	207,414	11,344	973	3,326	7,424	693	2,031	8,862	34,653	3,407	637	246,111
2004	82,461	54,514	5,373	4,210	41	31,488	14,782	4,156	197,025	8,139	1,471	5,450	3,424	43	4,186	5,418	28,132	3,296	1,393	229,845
2005	74,115	41,906	3,634	3,995	288	31,430	30,527	4,508	190,402	3,464	818	1,763	3,589	0	1,430	2,943	14,007	4,444	1,533	210,387
2006	81,108	46,403	7,784	8,710	0	22,196	24,666	9,979	200,844	6,105	2,207	8,717	9,197	204	9,894	8,651	44,975	4,396	944	251,159
2007	92,461	50,243	14,337	12,831	0	33,923	58,694	9,669	272,157	5,681	2,207	11,799	6,500	0	3,703	11,854	41,743	4,910	305	319,114
2008	75,363	56,641	6,184	5,531	95	23,929	15,815	3,634	187,191	2,927	1,880	4,684	3,692	0	5,341	12,899	31,423	4,914	749	224,278
2009	72,616	37,795	4,842	4,188	41	20,683	6,448	3,746	150,358	3,718	899	2,354	6,935	0	4,971	12,419	31,297	3,766	554	185,975
2010	66,762	39,286	5,002	4,873	41	24,868	22,098	2,370	165,300	4,593	2,085	5,083	5,835	0	7,461	8,089	33,144	6,396	225	205,065
2011	61,556	40,925	2,339	2,617	0	16,861	8,656	3,544	136,498	5,430	2,128	1,311	4,359	43	1,696	4,244	19,211	2,275	436	158,420
2012	88,803	69,774	3,655	5,881	82	23,725	18,824	3,527	214,270	13,434	3,252	6,298	6,464	170	4,011	7,464	41,095	5,551	2,553	263,468
2013	84,336	62,766	9,038	9,010	0	19,350	15,919	3,398	203,816	6,073	1,390	4,683	4,809	0	6,033	18,407	41,395	5,729	744	251,684
2014	85,259	71,120	10,047	17,216	82	31,250	55,758	3,879	274,611	6,894	2,454	3,651	7,536	0	2,753	9,534	32,822	6,124	1,632	315,189
Averages:																				
1994-00	111,242	53,137	5,737	5,962	560	50,161	26,435	8,019	261,253	13,743	2,867	4,237	7,180	414	3,301	10,843	42,585	4,575	1,201	309,614
2001-10	82,044	47,307	6,297	5,403	382	29,637	22,870	5,291	199,231	5,876	1,540	5,547	5,948	104	5,051	8,777	32,845	4,486	835	237,397
2011-14	79,989	61,146	6,270	8,681	41	22,796	24,789	3,587	207,299	7,958	2,306	3,986	5,792	53	3,623	9,912	33,631	4,920	1,341	247,190
All Years	91,852	52,115	6,095	6,254	376	35,452	24,501	5,905	222,552	9,046	2,158	4,776	6,348	202	4,153	9,727	36,411	4,604	1,064	264,632
% Change from:																				
1994-13	-7.5%	39.1%	70.7%	203.2%	-79.1%	-12.4%	143.9%	-35.5%	24.9%	-24.7%	14.6%	-24.5%	19.9%	-	-34.9%	-2.1%	-10.3%	35.4%	57.8%	20.3%
2013	1.1%	13.3%	11.2%	91.1%	-	61.5%	250.3%	14.2%	34.7%	13.5%	76.6%	-22.0%	56.7%	-	-54.4%	-48.2%	-20.7%	6.9%	119.4%	25.2%

*Oregon changed survey coverage in 2014, therefore, survey results have been revised back to 1994.

Duck Breeding Population Summary for Utah, 1990-2014.*

Year	Mallard	Gadwall	Wigeon	GW Teal	BW Teal	CIN Teal	Shoveler	Pintail	All Dabblers	Redhead	Canvasback	Scaup	Ringneck	Goldeneye	Bufflehead	Ruddy	All Divers	Wood Duck	Mergansers	All Ducks
1990	1,323	4,871				3,025	5,874	179	15,272	4,368						10,265	14,633			29,905
1991	3,222	6,541				4,340	36,772	538	51,413	1,130						22,342	23,472			74,885
1992	2,818	7,740				9,791	1,103	896	22,348	3,605						6,014	9,619			31,967
1993	3,910	6,236				3,286	1,492	716	15,640	4,170						1,191	5,361			21,001
1994	7,590	12,635				9,726	2,303	358	32,612	4,539						2,160	6,699			39,311
1995	8,625	13,237				8,543	9,828	2,060	42,293	6,602						0	6,602			48,895
1996	8,165	6,427				7,754	4,152	2,687	29,185	4,365						2,178	6,543			35,728
1997	7,935	13,675				5,651	1,751	537	29,549	3,366						3,088	6,454			36,003
1998	5,405	4,212				3,549	876	627	14,669	4,235						1,956	6,191			20,860
1999	5,405	6,072				3,811	3,535	448	19,271	998						7,706	8,704			27,975
2000	7,475	4,349				9,200	454	716	22,194	1,998						493	2,491			24,685
2001	3,795	3,337				3,286	259	358	11,035	1,933						5,035	6,968			18,003
2002	4,830	7,849				5,191	1,881	716	20,467	3,453						629	4,082			24,549
2003	5,118	6,564				3,351	681	672	16,386	4,648						1,310	5,958			22,344
2004	5,980	5,743				3,811	649	1,343	17,526	2,997						1,769	4,766			22,292
2005	19,148	7,795				8,017	1,362	3,851	40,173	2,584						221	2,805			42,978
2006	19,091	13,748	0	0		6,309	3,925	1,791	44,864	5,712	0	0	0	0	0	561	6,273	0	0	51,137
2007	14,605	4,704	0	0		9,266	454	1,343	30,372	2,020	0	0	0	0	0	510	2,530	0	0	32,902
2008	13,743	14,249	0	0		14,720	1,362	358	44,432	7,145	0	0	0	0	0	459	7,604	0	0	52,036
2009	13,685	14,386	0	0		10,514	1,557	537	40,679	5,799	0	0	0	0	0	2,986	8,785	0	0	49,464
2010	13,570	7,979	0	0		12,354	2,789	627	37,319	6,971	0	0	0	0	0	476	7,447	0	0	44,766
2011	10,695	3,911	0	0		4,337	260	90	19,293	1,238	0	0	0	0	0	680	1,918	0	0	21,211
2012	16,561	6,345	0	0	0	6,769	1,427	358	31,460	2,345	0	0	0	0	0	723	3,068	0	0	34,528
2013	17,481	7,248	295	2,231	10	7,491	1,200	269	36,225	13,291	1,200	350	0	0	0	7,306	22,147	68	0	58,440
2014	13,685	4,102	61	0	0	6,046	1,038	90	25,022	8,274	354	46	0	0	0	1,114	9,788	0	0	34,810
Averages:																				
1990-00	5,625	7,818	-	-	-	6,243	6,195	887	26,768	3,580	-	-	-	-	-	5,218	8,797	-	-	35,565
2001-10	11,357	8,635	0	0	-	7,662	1,492	1,160	30,325	4,326	0	0	0	0	0	1,396	5,722	0	0	36,047
2011-14	14,606	5,402	89	558	3	6,161	981	202	28,000	6,287	389	99	0	0	0	2,456	9,230	17	0	37,247
All Years	9,354	7,758	40	248	3	6,806	3,479	887	28,388	4,311	173	44	0	0	0	3,247	7,636	8	0	36,027
% Change from:																				
1990-13	49.2%	-48.1%	65.4%	-100.0%	-100.0%	-11.6%	-71.0%	-90.2%	-12.3%	99.5%	136.0%	5.1%	-	-	-	-66.6%	29.7%	-100.0%	-	-3.5%
2013	-21.7%	-43.4%	-79.3%	-100.0%	-100.0%	-19.3%	-13.5%	-66.5%	-30.9%	-37.7%	-70.5%	-86.9%	-	-	-	-84.8%	-55.8%	-100.0%	-	-40.4%

*Surveys in UT redesigned in 2009 - not comparable to past years.

Duck Breeding Population Summary for Washington, 1990-2014.

Year	Mallard	Gadwall	Wigeon	GW Teal	BW Teal	CIN Teal	Shoveler	Pintail	All Dabblers	Redhead	Canvasback	Scaup	Ringneck	Goldeneye	Bufflehead	Ruddy	All Divers	Wood Duck	Mergansers	All Ducks
1990	58,502	11,557	6,001	2,323	27,932		5,119	653	112,087	19,976	150	8,431	1,014	3,131	1,011	13,198	46,911	1,143	56	160,197
1991	42,194	8,328	5,861	2,175	28,528		3,639	379	91,104	16,956	222	12,842	1,983	2,352	1,003	9,947	45,305	2,092	348	138,849
1992	38,905	7,685	2,646	1,167	28,436		3,576	815	83,230	9,665	274	6,349	2,032	1,530	666	6,827	27,343	3,539	181	114,293
1993	51,049	10,413	4,102	1,345	24,797		4,345	1,990	98,041	14,524	728	11,040	1,590	1,501	533	6,072	35,988	1,535	51	135,615
1994	52,626	10,763	4,798	1,669	20,733		3,910	954	95,453	14,922	80	5,300	1,350	1,496	71	8,291	31,510	2,406	224	129,593
1995	58,907	11,027	3,761	2,987	16,361		5,194	1,164	99,401	12,942	677	9,942	5,937	2,459	2,461	9,956	44,374	1,256	2,277	147,308
1996	61,615	14,996	6,010	3,953	14,080		6,092	1,848	108,594	14,042	640	11,762	3,815	2,358	4,886	14,511	52,014	2,056	593	163,257
1997	66,991	15,304	8,392	7,040	16,903		11,770	2,802	129,202	12,363	1,362	8,433	2,490	1,877	5,358	9,837	41,720	1,584	270	172,776
1998	78,962	17,077	7,039	7,175	20,228		12,580	2,110	145,171	12,399	619	7,674	2,490	1,308	805	15,474	40,769	1,836	668	188,444
1999	86,243	17,130	5,721	3,665	20,916		14,926	2,145	150,746	13,568	1,032	10,697	3,835	1,993	1,094	14,556	46,775	2,496	182	200,199
2000	60,434	13,908	4,523	3,320	19,848		9,100	970	112,103	15,584	603	6,982	5,100	2,126	410	11,419	42,224	1,841	161	156,329
2001	50,464	16,260	3,593	3,036	17,931		8,000	1,017	100,301	13,915	1,073	10,976	3,931	3,643	826	9,156	43,520	2,223	356	146,400
2002	44,676	18,526	6,500	2,673	24,369		5,968	395	103,107	11,830	1,506	9,289	1,405	4,036	1,606	9,023	38,695	1,863	327	143,992
2003	39,843	15,353	5,028	1,749	11,272		7,794	608	81,647	8,117	919	12,722	3,063	4,713	3,034	12,175	44,743	616	757	127,763
2004	39,958	15,184	5,442	1,477	13,618		6,293	1,096	83,068	8,364	618	4,807	850	3,254	1,280	9,624	28,797	1,553	463	113,881
2005	40,794	15,665	3,439	2,406	12,404		4,477	644	79,829	4,978	610	5,741	2,525	3,567	2,425	10,150	29,996	1,375	304	111,504
2006	45,485	17,995	6,012	4,095	9,544		6,581	1,089	90,801	8,492	1,460	9,709	3,640	2,847	6,361	10,464	42,973	1,549	121	135,444
2007	46,053	17,165	6,240	4,060	11,999		5,409	723	91,649	8,265	756	6,530	2,732	2,837	2,809	9,538	33,467	1,870	1,279	128,265
2008	50,646	14,065	2,618	1,590	11,920		4,898	450	86,187	7,757	1,132	4,244	2,995	3,841	3,728	8,262	31,959	1,781	969	120,896
2009	47,544	12,212	4,283	5,741	9,217		5,555	1,198	85,749	7,156	873	5,982	2,521	3,686	949	8,378	29,545	1,327	1,030	117,650
2010	81,193	18,638	5,744	5,938	1,781	9,443	13,978	875	137,590	8,816	66	2,439	3,056	80	7,642	2,907	25,006	1,675	709	164,979
2011	62,640	11,033	6,465	13,306	1,461	3,064	8,966	0	106,935	4,401	262	3,364	5,017	87	5,302	7,831	26,264	1,915	1,902	137,016
2012	89,385	15,660	6,154	5,000	1,587	5,354	5,954	770	129,864	6,798	206	3,426	7,450	846	7,717	5,770	32,213	1,722	1,722	165,520
2013	74,079	16,654	5,212	7,763	1,789	7,460	6,373	748	120,078	11,187	406	3,522	3,475	1,347	6,051	4,789	30,776	3,723	1,087	155,664
2014	86,466	20,208	6,126	5,348	1,454	9,318	5,352	546	134,817	6,065	79	1,799	4,676	380	4,754	14,224	31,977	6,144	4,124	177,062
Averages:																				
1990-00	59,675	12,563	5,350	3,347	21,706	-	7,296	1,439	111,376	14,267	581	9,041	2,876	2,012	1,663	10,917	41,358	1,980	456	155,169
2001-10	48,666	16,106	4,890	3,276	12,405	9,443	6,895	809	93,993	8,769	901	7,244	2,672	3,250	3,066	8,968	34,870	1,583	631	131,077
2011-14	78,143	15,889	5,990	7,854	1,573	6,299	6,661	516	122,924	7,112	238	3,028	5,154	665	5,956	8,154	30,307	3,376	2,209	158,815
All Years	58,226	14,512	5,268	4,040	14,764	6,928	7,034	1,040	106,270	10,923	654	7,360	3,159	2,292	2,911	9,695	36,994	2,045	806	146,116
% Change from:																				
1990-13	51.6%	41.6%	17.1%	34.2%	-90.5%	47.2%	-24.7%	-48.5%	28.3%	-45.5%	-88.3%	-76.3%	51.1%	-84.0%	67.7%	49.5%	-14.0%	227.9%	517.2%	22.3%
2013	16.7%	21.3%	17.5%	-31.1%	-18.7%	24.9%	-16.0%	-27.0%	12.3%	-45.8%	-80.5%	-48.9%	34.6%	-71.8%	-21.4%	-197.0%	3.9%	65.0%	279.4%	13.7%

Population indices for certain populations of Pacific Flyway geese
as measured by the Special Fall and December Goose Surveys.

Fall	White-fronted Geese	Cackling Canada Geese				Snow/Ross' Geese		
		Oregon-Wash.*	Calif. & Elsewhere	Total	Total**	Skagit-Fraser	Calif. & Elsewhere	Total
1979	73,100	200	63,900	64,100		35,600	492,500	528,100
1980	93,500	200	127,200	127,400		22,400	181,800	204,200
1981	116,500	1,100	86,000	87,100		48,600	711,300	759,900
1982	91,700	0	54,100	54,100		26,100	328,000	354,100
1983	112,900	0	26,200	26,200		24,500	523,100	547,600
1984	100,200	4,000	21,800	25,800		26,600	439,700	466,300
1985	93,800	7,400	24,700	32,100	46,776	46,200	503,600	549,800
1986	107,100	12,000	39,400	51,400	45,232	39,900	481,800	521,700
1987	130,600	11,000	43,800	54,800	66,735	47,700	477,600	525,300
1988	161,500	19,100	50,800	69,900	81,964	43,800	397,200	441,000
1989	218,800	13,000	63,800	76,800	85,341	32,200	431,700	463,900
1990	240,800	34,700	75,500	110,200	106,393	31,700	676,800	708,500
1991	236,500	27,900	76,700	104,600	96,624	39,100	651,000	690,100
1992	230,900	60,700	88,600	149,300	148,593	34,300	605,000	639,300
1993	295,100	65,700	98,600	164,300	153,259	49,100	520,100	569,200
1994	324,800	75,900	76,600	152,500	217,820	42,600	435,600	478,200
1995	277,500	114,000	47,400	161,400	234,125	37,000	464,400	501,400
1996	344,100	123,600	11,000	134,600	249,823	45,800	320,500	366,300
1997	319,000	188,900	16,200	205,100	294,860	47,000	369,400	416,400
1998	413,100	139,000	9,600	148,600	216,413	47,100	307,200	354,300
1999	393,400	--	--	--	241,780	28,600	550,400	579,000
2000	352,700	--	--	--	251,223	56,300	600,500	656,800
2001	438,900	--	--	--	253,327	52,000	396,200	448,200
2002	359,700	--	--	--	168,126	73,100	523,700	596,800
2003	422,000	--	--	--	234,054	66,800	521,000	587,800
2004	374,900	--	--	--	172,157	68,141	682,128	750,269
2005	443,900	--	--	--	219,371	80,040	630,686	710,726
2006	509,262	--	--	--	241,150	79,891	719,810	799,701
2007	604,706	--	--	--	248,409	94,859	978,622	1,073,481
2008	627,035	--	--	--	283,641	57,000	900,403	957,403
2009	536,746	--	--	--	225,904	73,964	827,055	901,019
2010	649,840	--	--	--	275,343	63,641	800,156	863,797
2011	604,270	--	--	--	180,227	69,964	1,027,887	1,097,851
2012	664,201	--	--	--	202,323	56,973	824,432	881,405
2013	579,902	--	--	--	312,220	75,313	1,275,890	1,351,203
2014	637,221	--	--	--	281,300	***	***	
Most recent								
3-yr average:	627,108				265,281	67,417	1,042,736	1,110,153
Population objective:	300,000			250,000		>35,000		
Stop hunting if below 3-yr avg. threshold of:	95,000			80,000				
Resume hunting if above 3-yr avg. threshold of:	120,000			110,000				

*Lower Columbia River, Willamette Valley, and Summer Lake, only.

**Population indices are based new methodology, adopted in 2011, and equal (Total Indicated Birds)*3.35, which is the ratio of fall estimates based on observations of neck-banded birds and spring Yukon-Kuskokwim Delta breeding estimates.

***Survey to be conducted in Fall.

****No White-front survey conducted.

PACIFIC BRANT populations as measured during the Pacific Flyway Midwinter Waterfowl Survey (generally January); Izembek index and % young as measured by counts at Izembek Lagoon, AK during the fall prior to the MWS; Regional objectives within an overall objective of 162,000.

Year	U.S. and Canada						Mexico			MWS Index		Izembek Index	
	AK	BC ^a	WA	OR	CA	Subtotal ^a	Baja	Mainland	Subtotal	Annual ^b	3-yr Avg ^b	Annual ^c	% Juv ^c
1936			8,202	3,085	19,910	31,197							
1937			13,450	5,935	13,460	32,845							
1938			24,560	10,475	38,200	73,235							
1939			25,595	9,502	16,890	51,987							
1940			35,520	5,350	35,050	75,920							
1941			24,100	5,000	31,785	60,885							
1942			53,950	6,850	28,983	89,783							
1943			37,000	575	18,000	55,575							
1944			33,950	7,250	20,250	61,450							
1945			32,650	3,000	30,100	65,750							
1946			25,462	55	60,452	85,969							
1947			20,250	8,200	39,640	68,090	Not svy'd	0	Partial svy				
1948			20,660	2,850	32,750	56,260	Not svy'd	0	Partial svy				
1949			20,650	803	66,515	87,968	Not svy'd	Not svy'd	Not svy'd				
1950			15,574	3,600	57,792	76,966	Not svy'd	Not svy'd	Not svy'd				
1951			21,639	2,110	48,131	71,880	93,200 ^d	0	Partial svy				
1952			16,578	3,200	43,840	63,618	102,945 ^d	0	Partial svy				
1953			27,473	1,509	37,557	66,539	87,905 ^d	0	Partial svy				
1954			15,376	1,560	28,750	45,686	86,316 ^d	0	Partial svy				
1955			21,915	1,686	34,070	57,671	76,679 ^d	0	Partial svy				
1956			15,914	2,073	38,510	56,497	52,743 ^d	0	Partial svy				
1957			20,701	1,493	35,848	58,042	73,380 ^d	0	Partial svy				
1958			25,219	2,778	26,560	54,557	71,305 ^d	4	Partial svy				
1959			10,815	1,121	10,750	22,686	71,305 ^d	1,400	Partial svy				
1960			17,614	652	3,771	22,037	113,087	1,115	114,202	136,239	--		
1961			16,675	1,330	6,853	24,858	138,625	4,355	142,980	167,838	--		
1962			25,815	2,266	23,510	51,591	116,245	2,400	118,645	170,236	158,104		
1963			20,400	2,639	2,388	25,427	101,575	13,240	114,815	140,242	159,439		
1964			34,169	2,000	8,353	44,522	117,470	23,290	140,760	185,282	165,253		23.9
1965			19,938	1,325	3,372	24,635	117,350	24,915	142,265	166,900	164,141		25.6
1966			22,175	798	3,284	26,257	115,601	19,505	135,106	161,363	171,182		19.2
1967			21,235	1,523	3,824	26,582	111,755	41,315	153,070	179,652	169,305		41.8
1968			15,746	865	1,729	18,340	111,600	24,400	136,000	154,340	165,118		16.8
1969			10,063	382	166	10,611	97,400	35,075	132,475	143,086	159,026		17.1
1970			8,916	963	207	10,086	98,200	33,400	131,600	141,686	146,371		21.8
1971			10,915	1,374	130	12,419	105,800	31,000	136,800	149,219	144,664		34.1
1972			4,328	1,047	0	5,375	91,200	28,200	119,400	124,775	138,560		28.8
1973			5,911	2,544	950	9,405	85,500	30,100	115,600	125,005	133,000		35.9
1974			4,977	1,904	470	7,351	96,900	26,400	123,300	130,651	126,810		29.4
1975			6,163	1,507	480	8,150	80,825	34,455	115,280	123,430	126,362		4.6
1976			7,540	1,769	680	9,989	82,783	29,273	112,056	122,045	125,375		36.7
1977			14,111	2,100	0	16,211	86,534	44,222	130,756	146,967	130,814	107,784	35.3
1978			18,100	1,110	560	19,770	106,469	36,648	143,117	162,887	143,966	116,298	31.6
1979			8,078	1,255	10	9,343	87,860	32,210	120,070	129,413	146,422		14.7
1980			7,665	1,015	135	8,815	89,690	47,860	137,550	146,365	146,222	128,204	14.7
1981			10,107	1,790	540	12,437	160,560	21,200	181,760	194,197	156,658	127,667	25.8
1982			6,451	706	485	7,642	85,105	28,297	113,402	121,044	153,869	180,734	18.6
1983			3,113	718	565	4,396	81,761	23,157	104,918	109,314	141,518	125,177	9.5
1984			7,097	930	700	8,727	95,170	29,533	124,703	133,430	121,263	147,933	24.1
1985		283	11,793	641	800	13,517	101,405	30,163	131,568	145,085	129,276	120,122	13.7

^a In British Columbia, totals for 1984-91 are Christmas Bird Counts, and from 1992-on are from CWS counts.

^b Includes WHA brant. 3-yr Avg considers most recent 3 years of annual counts.

^c Izembek index from fall before MWS, includes WHA brant.

PACIFIC BRANT (Cont.) populations as measured during the Pacific Flyway Midwinter Waterfowl Survey (generally January); Izembek index and % young as measured by counts at Izembek Lagoon, AK during the fall prior to the MWS; Regional objectives within an overall objective of 162,000.

Year	U.S. and Canada						Mexico			MWS Index		Izembek Index	
	AK	BC ^a	WA	OR	CA	Subtotal ^a	Baja	Mainland	Subtotal	Annual ^b	3-yr Avg ^b	Annual ^c	% Juv ^c
1986	7,665	319	12,026	1,113	706	21,829	92,525	22,200	114,725	136,554	136,554	122,673	13.7
1987	5,755	205	14,371	1,133	736	22,200	73,825	13,088	86,913	109,113	122,834	108,582	15.3
1988	8,385	263	19,831	1,104	947	30,530	99,066	17,630	116,696	147,226	130,964	136,765	31.2
1989	7,050	484	18,538	871	1,033	27,976	89,600	18,121	107,721	135,697	130,679	123,822	19.3
1990	5,595	406	13,756	1,399	992	22,148	107,545	22,320	129,865	152,013	144,979	135,041	23.9
1991	4,350	591	16,221	1,262	1,340	23,764	88,650	19,905	108,555	132,319	140,010	123,551	19.2
1992	7,200	283	13,505	1,397	2,424	24,809	78,280	14,905	93,185	117,994	134,109	128,784	27.8
1993	8,008	180	13,058	1,254	9,415	31,915	68,280	24,444	92,724	124,639	124,984	119,965	16.5
1994	13,221	382	13,595	666	2,299	30,163	83,130	17,135	100,265	130,428	124,354	143,375	23.6
1995	11,978	363	20,231	708	3,987	37,267	74,060	22,755	96,815	134,082	126,786	142,701	11.6
1996	9,795	634	6,941	644	2,008	20,022	87,280	20,205	107,485	127,507	129,164	152,613	36.1
1997	13,147	500	9,753	669	3,598	27,667	108,018	22,720	130,738	158,405	139,998	125,475	21.7
1998	8,773	619	10,881	580	6,091	26,944	97,805	14,300	112,105	139,049	141,654	130,104	17.4
1999	8,255	985	15,252	645	4,296	29,433	84,965	15,795	100,760	130,193	142,549	117,312	25.7
2000	8,833	1,238	13,859	523	3,389	27,842	92,020	16,420	108,440	136,282	135,175	131,134	21.6
2001	17,790	1,254	10,197	695	4,197	34,133	78,850	13,010	91,860	125,993	130,823	151,216	30.9
2002	13,576	1,483	13,478	552	4,092	33,181	93,995	11,055	105,050	138,231	133,502	112,554	7.5
2003	9,168	1,103	11,455	557	3,124	25,407	74,132	8,094	82,226	107,633	123,952	115,839	20.5
2004	12,756	2,117	14,544	528	6,372	36,317	71,685	13,270	84,955	121,272	122,379	135,944	13.7
2005	17,240	1,020	14,286	609	5,224	38,379	59,960	14,068	74,028	112,407	113,771	134,474	18.2
2006	19,616	1,792	16,305	649	5,069	43,431	87,483	14,254	101,737	145,168	126,282	134,189	33.3
2007	40,041	2,078	12,712	702	7,387	62,920	65,250	13,932	79,182	142,102	133,226	120,875	20.3
2008	28,329	1,264	19,775	370	4,827	54,565	83,856	19,443	103,299	157,864	148,378	135,551	28.2
2009	21,482	2,574	29,243	823	6,392	60,514	no survey conducted ^e			--	148,378	130,294	15.5
2010	26,443	2,699	23,908	0	13,553	66,603	71,688	23,389	95,077	161,680	153,882	144,594	26.8
2011	45,477	2,414	21,457	0	15,610	84,958	no survey conducted ^e			--	153,882	130,093	20.3
2012	44,252	1,229	17,502	687	2,227	65,897	no survey conducted ^e			--	153,882	126,028	17.5
2013	41,821	2,204	16,454	200	7,448	68,127	71,607	23,566	95,173	163,300	160,948	154,481	13.8
2014	48,140	2,104	17,485	511	7,916	76,156	no survey conducted ^d			--	160,948	157,781	15.2
% Change:													
2013	15.1%	-4.5%	6.3%	155.5%	6.3%	11.8%	--	--	--	--	0.0%	2.1%	10.1%
1965-13	189.3%	97.0%	30.3%	-46.3%	162.3%	176.6%	--	--	--	--	15.0%	20.3%	-31.7%
Averages:													
1936-52			25,282	4,579	35,397	65,258							
1953-60			19,378	1,609	26,977	47,964	113,087						
1961-70			19,513	1,409	5,369	26,291	112,582	22,190	134,772	161,063			23.7
1971-80			8,779	1,563	342	10,683	91,356	34,037	125,393	136,076		117,429	26.6
1981-90	6,890	327	11,708	1,041	750	17,140	98,656	22,571	121,227	138,367		132,852	19.5
1991-00	9,356	578	13,330	835	3,885	27,983	86,249	18,858	105,107	133,090		131,501	22.1
2001-10	20,644	1,738	16,590	549	6,024	45,545	76,322	14,502	90,824	134,706		131,553	21.5
2011-14	44,923	1,988	18,225	350	8,300	73,785	--	--	--	--		142,096	16.7
Objectives:	9,000	8,000	25,000	3,000	10,000	55,000		107,000		162,000			

^a In British Columbia, totals for 1984-91 are Christmas Bird Counts, and from 1992-on are from CWS counts.

^b Includes WHA brant. 3-yr Avg considers most recent 3 years of annual counts.

^c Izembek index and % young as measured by counts at Izembek Lagoon, AK during the fall prior to the MWS, includes WHA brant.

^d Incomplete survey in Mexico (weather, refueling problems, etc.)

^e Survey was not conducted due to pilot safety concern

Midwinter indices for selected species of dabbling ducks and mergansers in the Pacific Flyway 1955-2014.

Year	Mallard	Gadwall	Wigeon	G-W Teal	B-W/Cinn Teal	Shoveler	Pintail	Wood Duck	Subt. Dabblers	Mergansers	TOT. DUCKS	TOTAL WATERFOWL
1955	1,520,309	31,879	858,060	201,176	2,090	244,648	2,221,786	1,325	5,081,273	17,096	5,629,114	6,574,391
1956	1,674,578	17,031	1,300,242	239,000	729	237,507	2,521,200	1,186	5,991,473	20,426	6,578,411	7,627,657
1957	1,647,111	12,070	719,425	193,435	12,028	146,086	2,155,306	694	4,886,155	19,468	5,687,641	6,530,032
1958	2,216,682	36,160	1,211,385	256,881	1,204	241,697	2,882,530	1,158	6,847,697	21,915	7,611,073	8,531,630
1959	2,801,396	21,552	1,197,023	289,064	4,480	292,444	2,321,848	3,371	6,931,178	24,367	7,736,859	8,707,778
1960	2,205,512	45,289	1,163,670	231,105	13,950	215,395	1,962,322	1,525	5,838,768	17,494	6,467,214	7,398,080
1961	2,205,512	45,289	1,163,670	231,105	13,950	215,395	1,962,322	1,525	5,838,768	17,494	6,467,214	7,398,080
1962	2,088,406	25,731	966,527	274,344	5,634	168,859	1,585,198	9,782	5,124,489	21,153	5,750,150	5,783,082
1963	2,680,139	85,714	1,059,373	282,951	4,969	247,114	1,641,994	1,185	6,003,439	35,680	6,886,879	7,732,631
1964	2,097,574	54,474	908,618	431,441	7,958	236,999	1,682,528	1,088	5,420,680	29,227	6,096,271	6,996,630
1965	1,638,297	60,289	982,925	454,534	9,183	306,250	2,288,802	2,398	5,742,678	19,784	6,440,302	7,414,206
1966	1,702,632	56,261	714,163	351,538	6,772	218,083	1,633,828	3,405	4,686,682	30,906	5,355,727	6,074,354
1967	1,809,217	29,300	555,974	270,400	1,470	242,189	2,342,643	1,510	5,252,703	29,547	5,951,644	6,001,280
1968	1,847,688	35,335	768,097	349,648	5,547	317,597	1,378,472	2,965	4,705,349	21,046	5,306,000	6,141,324
1969	1,405,715	39,927	638,888	222,725	4,275	258,235	1,685,502	880	4,256,147	20,075	4,838,590	5,784,453
1970	2,209,819	30,137	1,017,842	244,770	2,436	687,859	2,449,789	3,326	6,645,978	34,448	7,131,255	8,116,925
1971	2,496,256	25,428	882,349	373,254	1,330	421,605	3,857,712	7,515	8,065,449	23,805	8,545,687	8,644,955
1972	2,594,673	27,437	689,133	265,616	2,482	497,845	2,918,980	5,040	7,001,206	25,581	7,485,091	8,367,165
1973	1,781,956	12,512	753,666	163,759	1,802	651,127	2,868,092	3,919	6,236,833	21,226	6,783,921	7,689,127
1974	1,519,139	27,703	825,035	260,433	7,896	486,614	3,441,401	4,052	6,572,523	21,114	7,030,736	7,898,270
1975	1,271,450	30,535	683,579	212,665	1,095	632,697	3,278,495	12,099	6,122,715	19,221	6,541,516	6,597,235
1976	1,401,273	23,153	575,205	223,821	533	627,308	3,326,695	2,011	6,179,999	33,272	6,726,665	7,577,932
1977	1,312,602	22,381	671,992	178,824	988	755,777	3,620,038	1,887	6,564,639	24,497	7,130,979	8,049,511
1978	1,482,265	28,321	954,044	252,721	1,620	627,983	2,996,528	6,286	6,349,938	34,666	6,946,843	7,924,170
1979	1,215,816	34,201	753,473	277,459	2,631	560,110	3,265,814	1,601	6,111,505	19,903	6,621,469	7,571,051
1980	1,708,853	31,517	922,081	281,231	1,527	730,559	4,015,739	1,377	7,693,384	31,725	8,255,186	9,122,592
1981	1,674,639	33,144	788,280	263,375	1,364	489,748	2,508,739	1,813	5,761,102	34,638	6,301,150	6,385,722
1982	1,735,149	38,667	694,989	290,343	2,067	514,248	1,831,832	198	5,107,493	26,042	5,463,817	6,355,071
1983	1,778,288	30,303	368,823	237,036	2,070	287,063	1,181,335	148	3,885,093	30,491	4,376,039	5,314,586
1984	1,581,658	138,808	720,215	339,535	18,678	477,663	2,411,716	537	5,689,020	23,763	6,550,864	7,544,602
1985	1,648,402	35,594	425,027	140,864	3,657	199,784	859,305	164	3,313,082	30,540	3,944,667	4,889,174
1986	1,282,271	39,733	377,219	185,272	3,736	262,584	1,254,794	253	3,405,862	29,542	4,102,726	5,064,061
1987	1,458,194	80,088	370,310	351,870	1,328	294,966	663,212	447	3,220,515	31,159	3,602,035	4,431,260
1988	1,493,310	70,612	796,533	462,633	3,237	309,853	1,262,689	800	4,399,667	24,078	4,917,977	5,807,900
1989	1,127,116	52,535	476,049	257,439	4,620	213,533	685,403	562	2,817,927	29,633	3,358,430	4,310,108
1990	1,515,500	123,926	507,867	295,823	15,883	403,868	888,876	1,518	3,753,445	29,379	4,456,431	5,644,805
1991	1,563,647	72,148	564,231	325,523	2,745	338,025	1,051,819	6,424	3,924,735	25,372	4,601,266	5,632,311
1992	1,651,846	77,810	487,252	363,015	1,428	377,008	773,548	1,098	3,733,105	29,509	4,320,985	5,490,627
1993	765,740	47,280	393,670	295,799	4,051	280,167	741,120	2,001	2,530,028	21,171	3,072,770	3,992,101
1994	1,382,793	87,188	582,464	392,024	3,444	292,792	1,055,970	1,834	3,799,038	29,096	4,409,697	5,650,179
1995	1,191,200	77,542	560,966	370,469	2,306	277,806	1,012,086	2,481	3,495,106	31,273	4,030,003	5,034,084
1996	1,380,444	159,080	631,523	561,278	9,308	417,190	1,435,296	4,500	4,599,365	53,744	5,203,640	6,381,886
1997	1,046,397	142,474	501,155	402,991	4,939	382,980	962,026	2,509	3,445,954	32,405	4,180,560	5,473,691
1998	1,651,146	164,246	715,130	620,028	4,560	475,194	1,278,494	2,424	4,911,997	26,535	5,618,014	6,607,263
1999	2,114,805	161,013	695,607	377,122	7,725	508,406	1,129,553	3,193	4,997,242	27,943	5,621,705	6,947,104
2000	1,460,320	210,819	841,280	515,167	16,037	551,132	1,444,171	3,297	5,042,253	29,241	5,664,507	7,190,828
2001	1,062,914	205,575	781,837	526,788	2,880	553,284	1,710,149	3,427	4,861,167	34,478	5,683,195	7,088,217
2002	943,174	179,710	571,839	268,939	3,574	447,707	1,081,216	3,659	3,509,031	41,001	4,155,861	5,250,739
2003	958,108	141,717	615,846	414,203	8,589	371,253	1,139,062	2,822	3,663,373	42,365	4,328,531	5,600,699
2004*	828,034	183,113	625,090	315,891	8,749	440,098	1,219,077	3,042	3,630,519	34,231	4,316,512	5,299,347
2005	1,357,471	205,195	870,846	592,930	3,913	552,023	1,363,564	3,348	4,960,375	40,153	5,762,328	7,492,652
2006	1,091,811	231,209	921,162	529,792	11,524	583,401	1,431,605	1,839	4,808,530	28,522	5,666,438	7,231,396
2007	1,290,931	185,857	675,602	611,988	3,830	692,375	1,876,241	2,080	5,344,804	19,209	6,066,512	7,825,417
2008	973,585	191,342	611,516	575,743	9,789	766,485	1,489,311	1,944	4,630,109	15,336	5,356,550	7,236,601
2009	855,147	148,913	674,304	586,033	3,072	753,954	1,408,244	2,075	4,441,201	21,244	5,235,386	7,114,896
2010	931,377	178,911	578,126	510,381	1,875	582,475	1,283,711	3,641	4,077,588	14,768	4,620,523	6,238,801
2011*	717,687	165,467	424,354	546,170	9,851	608,082	1,331,451	2,249	3,811,359	16,570	4,393,430	5,694,886
2012*	643,069	140,593	628,470	451,686	4,156	756,111	1,760,705	1,817	4,386,707	17,936	4,981,956	6,796,191
2013*	583,659	171,644	458,458	301,650	2,681	626,751	1,310,987	1,942	3,457,772	14,821	4,192,156	5,793,255
2014	891,871	152,060	604,922	273,033	3,396	497,442	1,582,399	11,258	4,016,431	16,327	4,526,674	5,757,226
Avg. 1955-2014	1,519,443	86,899	724,623	342,779	5,161	430,891	1,845,421	2,741	4,959,711	26,461	5,584,763	6,613,704
2014/(55-13)	-41.71%	77.24%	-16.75%	-20.62%	-34.57%	15.75%	-14.46%	333.58%	-19.28%	-38.70%	-19.21%	-13.14%
2014/2013	52.81%	-11.41%	31.95%	-9.49%	26.67%	-20.63%	20.70%	479.71%	16.16%	10.16%	7.98%	-0.62%

* No midwinter waterfowl surveys were conducted in Idaho and Wyoming (Pacific Flyway portion) and the survey was incomplete in Montana and Oregon during 2004.

* No midwinter waterfowl surveys were conducted in Idaho and the survey was incomplete in Oregon and/or Washington during 2011-12.

Midwinter indices for selected species of diving ducks and sea ducks in the Pacific Flyway 1955-2014.

Year	Redhead	Canvasback	Scaup	Ring-necked Duck	Goldeneye	Bufflehead	Ruddy Duck	Subt. Divers	Scoters	Long-tailed Duck	Harlequin	Subt. Seaducks ^a
1955	6,054	73,553	150,953	4,155	32,399	23,357	65,352	355,823	51,736	601	0	52,337
1956	23,729	57,977	148,386	3,575	28,624	10,141	71,050	343,482	32,989	550	0	33,539
1957	5,105	154,499	175,122	2,048	40,160	10,640	82,305	469,879	80,289	20	0	80,309
1958	7,846	142,257	132,528	5,182	40,287	23,817	102,694	454,611	76,846	667	0	77,513
1959	20,649	108,487	205,016	8,946	58,258	28,980	125,054	555,390	101,582	1,450	0	103,032
1960	9,326	50,713	129,816	4,562	58,808	29,342	101,411	383,978	61,855	480	6	62,341
1961	9,326	50,713	129,816	4,562	58,808	29,342	101,411	383,978	61,855	480	6	62,341
1962	10,405	44,761	172,972	6,931	54,891	30,065	122,357	442,382	93,413	227	17	93,657
1963	17,631	100,034	283,418	6,520	64,467	33,746	160,014	665,830	94,616	260	14	94,890
1964	24,741	80,383	141,098	9,891	68,233	25,579	149,305	499,230	79,972	330	17	80,319
1965	8,357	54,316	140,588	9,294	54,700	34,624	174,022	475,901	112,740	850	31	113,621
1966	10,447	45,599	117,216	7,752	55,353	21,676	190,697	448,740	121,874	181	14	122,069
1967	11,281	78,360	88,904	7,268	45,269	35,887	101,478	368,447	187,214	180	11	187,405
1968	4,137	69,186	162,086	5,106	44,313	26,594	112,332	423,754	99,852	10	10	99,872
1969	6,160	51,681	101,952	4,272	42,928	43,162	159,686	409,841	108,414	894	0	109,308
1970	10,376	63,157	66,699	4,287	46,167	26,888	92,370	309,944	113,000	192	7	113,199
1971	15,267	47,615	72,039	6,258	45,359	32,688	107,187	326,413	66,337	335	14	66,686
1972	14,944	48,204	93,826	5,073	39,873	33,896	78,781	314,597	116,425	312	17	116,754
1973	6,484	54,587	139,120	9,410	39,975	39,069	98,608	387,253	113,232	791	21	114,228
1974	14,216	83,260	64,221	3,173	37,512	24,572	152,504	352,458	52,121	315	996	54,920
1975	13,210	77,668	61,785	3,397	34,621	25,896	65,646	282,223	83,459	407	10	83,876
1976	15,796	83,261	116,836	4,568	41,902	20,945	107,528	390,836	96,801	154	133	97,088
1977	22,705	89,135	112,083	2,726	49,032	43,992	95,481	415,154	107,554	545	77	108,176
1978	14,753	78,308	184,688	13,168	30,631	35,748	70,648	427,944	105,877	258	162	106,372
1979	16,049	80,263	111,658	4,822	33,967	37,902	74,132	358,793	110,313	388	6	110,707
1980	12,970	87,599	135,270	6,915	37,166	40,341	90,677	410,938	91,492	291	89	91,972
1981	25,542	50,432	105,824	8,563	37,994	41,435	114,534	384,324	79,554	331	23	79,914
1982	26,659	40,596	79,498	10,867	34,204	19,240	57,405	268,469	49,067	105	18	49,190
1983	31,835	57,933	95,123	6,257	33,879	35,708	99,925	360,660	51,299	100	46	51,445
1984	22,108	73,801	190,833	21,427	34,084	38,591	273,209	654,053	106,388	87	35	106,510
1985	24,218	60,996	154,416	12,171	35,806	54,699	127,450	469,756	113,554	600	143	114,297
1986	18,855	44,626	223,838	12,648	42,966	45,463	73,325	461,721	165,222	564	268	166,054
1987	22,235	31,570	87,214	14,186	24,862	34,795	57,973	272,835	62,455	207	121	62,784
1988	10,918	28,857	125,835	39,540	46,754	36,543	95,381	383,828	95,435	370	237	96,042
1989	25,387	45,888	143,363	30,302	34,327	41,650	80,832	401,749	86,617	121	180	86,920
1990	22,877	54,861	196,652	49,301	32,134	49,261	93,167	498,253	125,597	166	15	125,778
1991	23,074	42,690	201,662	43,594	36,094	49,722	96,041	492,877	139,892	470	97	140,459
1992	16,156	37,855	170,566	20,477	44,845	58,357	63,053	411,309	127,292	169	168	127,629
1993	13,420	37,509	137,225	36,710	44,382	37,010	100,902	407,158	52,578	404	662	53,644
1994	26,987	29,233	154,321	26,066	52,243	64,459	79,835	433,144	74,035	356	752	75,143
1995	42,686	23,994	129,188	29,824	45,239	40,220	71,804	382,955	50,134	1,194	777	52,105
1996	23,853	24,476	87,099	65,623	64,234	59,333	118,967	443,585	50,618	638	1,084	52,340
1997	32,828	57,447	154,245	38,495	62,242	51,784	122,215	519,256	69,563	1,062	913	71,539
1998	22,389	53,631	205,084	54,832	53,646	43,772	106,575	541,052	88,807	575	793	90,175
1999	29,536	41,847	201,207	23,899	52,977	51,087	84,544	485,097	61,358	652	704	62,714
2000	26,933	51,738	173,719	57,493	59,247	44,194	84,302	497,626	61,053	450	847	62,354
2001	52,026	52,758	266,871	41,429	47,429	72,076	117,641	651,595	97,645	559	605	98,809
2002	56,341	26,412	186,529	45,446	45,180	70,374	92,283	524,394	45,765	423	655	46,843
2003	36,706	62,905	165,923	55,237	57,048	70,770	94,631	545,742	44,063	574	797	45,434
2004 ^a	7,663	95,822	201,666	52,222	32,965	50,923	134,268	578,930	59,663	478	963	61,104
2005	38,624	56,008	254,258	123,518	58,008	60,201	89,794	681,332	43,949	658	795	45,402
2006	42,105	57,941	255,989	125,644	67,421	64,853	108,682	725,003	41,943	931	1,025	43,899
2007	39,301	62,999	147,457	110,593	86,912	59,181	98,576	607,387	50,216	804	733	51,753
2008	30,121	87,997	151,685	120,605	75,770	53,279	116,514	637,829	27,816	504	908	29,228
2009	24,813	83,657	226,823	97,988	76,337	77,030	113,201	703,533	36,807	547	673	38,027
2010	12,197	56,975	109,791	75,454	73,607	40,395	103,231	474,771	18,370	439	839	19,648
2011 ^b	14,373	96,944	159,341	57,261	30,774	37,520	128,141	526,663	19,710	664	692	21,066
2012 ^b	13,950	67,679	199,356	53,443	22,773	48,991	106,828	513,020	33,446	652	1,067	35,168
2013 ^b	10,416	63,869	191,570	30,642	26,214	41,742	107,606	472,059	16,613	722	918	18,253
2014	8,547	63,683	102,871	31,112	57,916	43,700	97,788	405,617	16,547	898	961	26,749
Avg. 1955-2014	20,127	63,020	151,252	29,612	46,904	40,954	105,606	457,923	78,082	477	353	79,083
2014/(55-13)	-57.95%	1.07%	-32.35%	5.16%	23.97%	6.83%	-7.52%	-11.59%	-79.09%	90.97%	180.54%	-66.55%
2014/2013	-17.94%	-0.29%	-46.30%	1.53%	120.94%	4.69%	-9.12%	-14.07%	-0.40%	24.38%	4.68%	46.55%

^a No midwinter waterfowl surveys were conducted in Idaho and Wyoming (Pacific Flyway portion) and the survey was incomplete in Montana and Oregon during 2004.

^b No midwinter waterfowl surveys were conducted in Idaho and the survey was incomplete in Oregon and/or Washington during 2011-12.

^c Beginning 2014, Eiders counted in Alaska during Emperor goose survey are included in this table.

Midwinter indices for selected species of Geese, Swans, Coots, and Sandhill Cranes in the Pacific Flyway 1955-2014.

Year	Subt. "White" G. ^a	White- fronted G.	Subt. Canada	Brant ^b	TOTAL GEESE ^c	Tundra Swan	Trumpeter Swan	Mute Swan	TOTAL SWANS	Coots	Sandhill Crane
1955	316,884	197,511	339,385	56,321	910,101	34,725	449	0	35,176	669,418	2,300
1956	415,676	196,951	333,470	56,497	1,002,594	46,282	370	0	46,652	784,804	No Survey
1957	356,601	92,511	290,757	59,112	798,981	42,970	438	0	43,410	843,229	4,302
1958	325,145	120,595	371,912	54,557	872,209	49,946	493	0	50,348	698,409	11,041
1959	388,133	152,917	366,926	22,686	930,662	39,600	657	0	40,257	932,990	7,474
1960	366,332	165,679	340,729	22,037	894,777	35,508	581	0	36,089	727,539	4,673
1961	366,332	165,679	340,729	22,037	894,777	40,828	581	0	36,089	727,539	4,673
1962	568,908	193,295	455,805	51,591	1,269,599	32,356	576	0	32,932	590,161	4,485
1963	482,766	127,690	448,473	27,673	1,086,602	46,350	421	0	46,771	526,318	3,669
1964	484,806	162,901	328,813	47,204	1,023,724	40,545	578	0	30,150	604,475	No Survey
1965	532,783	134,017	271,204	24,635	962,639	42,649	593	0	43,242	554,364	2,908
1966	338,774	67,004	249,744	26,258	681,780	34,804	543	0	36,847	506,408	3,638
1967	746,610	184,628	343,558	26,582	1,301,378	48,946	690	0	49,636	741,969	15,729
1968	505,825	70,894	235,303	18,340	830,362	35,630	713	0	36,343	755,675	6,181
1969	432,809	114,212	246,834	10,611	804,466	74,879	775	0	75,654	402,130	14,945
1970	461,660	206,698	275,664	10,086	954,108	31,000	562	0	31,562	517,765	13,302
1971	512,618	106,264	280,954	12,419	912,255	98,856	412	0	99,268	492,980	5,555
1972	436,242	103,914	324,154	5,375	869,685	82,847	246	0	83,093	544,989	7,195
1973	346,847	53,600	264,799	9,405	674,651	33,917	1,080	0	34,997	528,722	3,288
1974	442,938	85,023	261,707	7,351	797,019	69,768	747	0	70,515	498,368	No Survey
1975	446,380	67,639	277,042	8,150	799,211	54,872	846	1	55,719	477,029	No Survey
1976	486,608	81,098	371,422	9,989	949,117	51,350	935	1	52,286	445,653	No Survey
1977	503,196	48,958	316,099	15,911	884,164	47,269	1,051	3	48,323	620,118	1,000
1978	236,083	112,522	310,041	19,770	678,416	45,597	1,063	5	46,665	285,862	No survey
1979	246,276	37,013	256,471	9,343	549,103	53,523	1,282	0	54,805	373,224	No survey
1980	377,522	87,282	327,353	8,815	800,972	65,209	1,224	1	66,434	532,188	No survey
1981	443,254	71,333	291,693	12,437	818,717	83,553	1,019	0	84,572	487,503	No survey
1982	641,516	95,094	283,285	7,642	1,027,537	91,314	959	0	92,273	355,796	10,691
1983	442,564	30,078	284,016	4,396	761,054	67,302	924	0	68,338	167,413	6,960
1984	514,077	62,365	216,998	8,727	802,167	61,873	1,202	1	63,076	159,364	10,138
1985	369,647	33,065	298,720	13,234	714,666	48,798	436	3	49,730	161,996	12,727
1986	557,349	53,715	268,787	13,845	893,696	66,157	1,480	2	67,639	133,804	22,650
1987	335,586	70,489	352,714	16,240	775,029	52,798	1,396	2	54,196	187,708	19,108
1988	344,791	99,979	362,308	21,882	828,960	59,193	1,768	2	60,963	193,685	17,267
1989	411,411	102,059	336,848	20,442	870,760	78,673	1,570	14	80,918	250,088	16,018
1990	572,118	139,776	417,804	16,147	1,145,845	40,052	861	7	42,529	311,833	23,359
1991	564,480	79,229	317,793	18,823	980,325	47,618	1,842	11	50,720	329,807	20,147
1992	428,648	176,862	480,950	17,326	1,103,786	63,737	1,204	3	65,856	310,103	20,911
1993	434,304	95,312	300,205	23,727	853,548	62,202	360	4	65,783	253,476	8,652
1994	550,269	162,960	427,492	16,560	1,157,281	79,406	1,427	0	83,201	435,789	20,678
1995	390,243	127,627	405,906	24,926	948,702	52,942	497	1	55,379	563,758	17,096
1996	411,665	187,630	461,790	9,593	1,070,678	98,064	3,332	10	107,568	553,482	38,852
1997	534,457	217,619	392,617	14,020	1,158,713	122,521	2,916	7	134,418	582,722	19,882
1998	336,290	76,782	484,175	17,552	914,799	70,048	2,429	2	74,450	603,212	29,100
1999	487,854	222,144	469,909	20,193	1,200,100	119,777	3,301	5	125,299	663,459	52,844
2000	646,014	265,981	498,026	17,771	1,427,346	89,622	4,381	5	98,975	554,808	34,599
2001	546,429	291,901	456,730	15,089	1,310,149	87,327	4,372	12	94,873	557,866	47,104
2002	399,169	189,575	418,856	18,122	1,025,722	58,675	6,808	2	69,156	527,180	43,269
2003	474,330	252,756	416,110	15,136	1,158,332	102,736	6,559	1	113,836	424,206	41,609
2004*	451,677	187,595	228,560	21,444	889,276	82,950	4,084	2	93,559	595,448	44,106
2005	795,928	391,468	415,996	20,119	1,623,511	92,074	6,441	6	98,515	645,463	15,082
2006	553,993	436,819	428,235	22,023	1,441,070	106,868	10,943	7	123,888	722,177	48,853
2007	734,415	388,730	409,165	20,801	1,553,116	109,615	13,068	10	126,607	769,026	46,768
2008	875,215	293,134	476,908	24,972	1,670,229	89,743	11,243	9	106,523	815,940	51,981
2009	852,666	386,065	502,211	36,458	1,777,400	105,216	13,860	46	124,978	795,307	49,238
2010	713,997	366,738	413,621	28,448	1,522,908	76,691	12,521	5	93,280	606,642	63,690
2011 [#]	628,433	283,916	285,428	37,067	1,234,844	49,305	11,373	7	63,949	763,940	39,866
2012 [#]	849,375	429,775	387,683	20,416	1,686,563	117,177	7,937	115	127,672	1,006,388	57,841
2013 [#]	836,720	299,807	332,025	24,102	1,492,654	75,320	11,638	5	91,991	478,545	42,093
2014	75,660	324,601	614,738	74,052	1,126,299	68,235	11,944	2	86,768	778,585	18,226
Avg. 1955-2014	488,822	167,158	356,128	22,275	1,034,986	65,963	3,067	5	70,412	535,481	22,113
2014/(55-13)	-84.74%	97.34%	246.08%	8.99%	8.99%	3.50%	309.57%	-62.78%	23.72%	46.53%	-17.87%
2014/2013	-90.96%	8.27%	85.15%	207.24%	-24.54%	-9.41%	2.63%	-60.00%	-5.68%	62.70%	-56.70%

* No midwinter waterfowl surveys were conducted in Idaho and Wyoming (Pacific Flyway portion) and the survey was incomplete in Montana and Oregon during 2004.

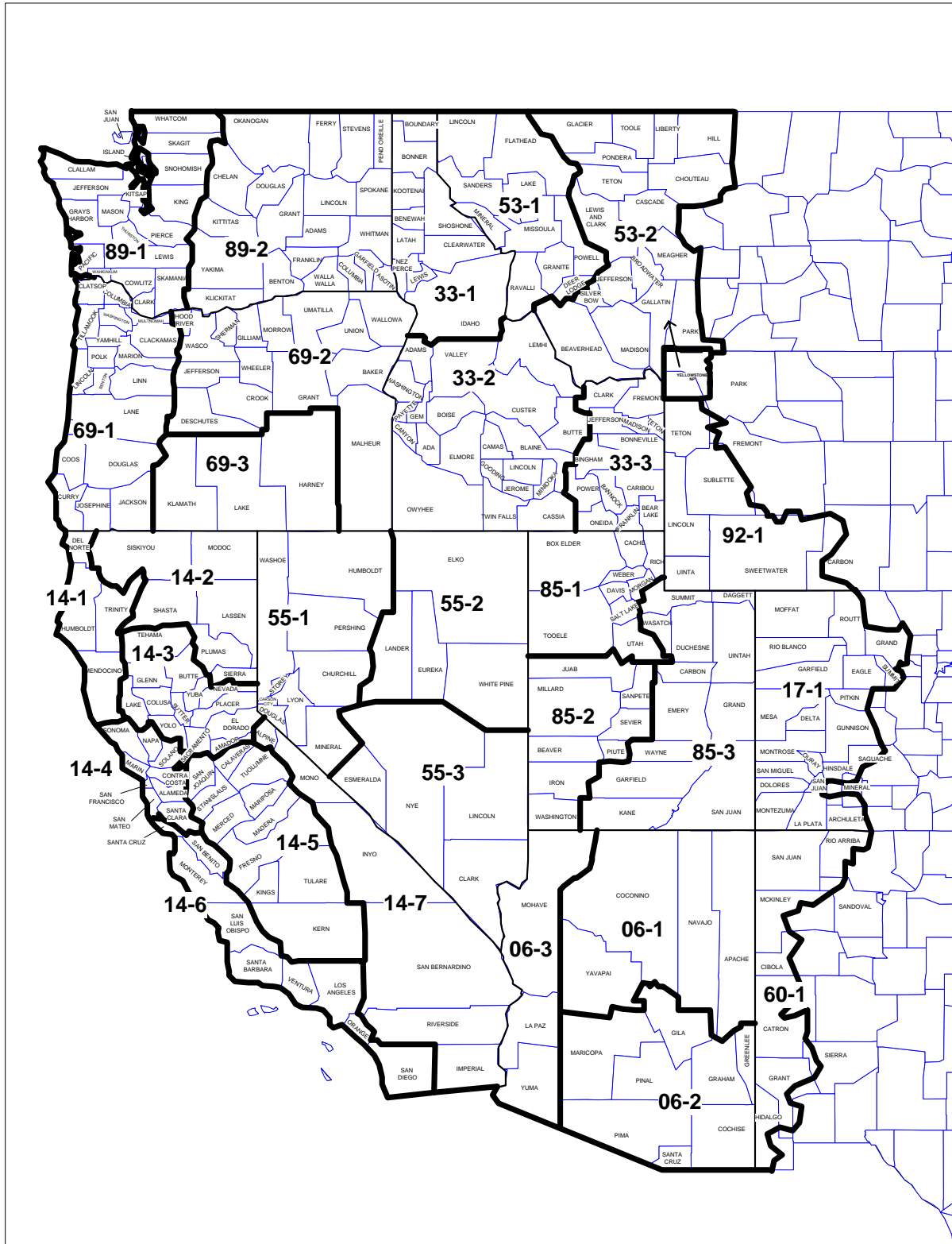
[#] No midwinter waterfowl surveys were conducted in Idaho and the survey was incomplete in Washington and Oregon during 2011-12.

^aBeginning in 2014, White geese were counted separate from the Mid-Winter Survey in California, which explains the drastic decrease. Please see Fall Goose Surveys in this Data Book.

^bThese do not include Brant counted in Mexico, and beginning in 2014, now include the Izembek counts in Alaska.

^cBeginning in 2014, Total Geese include Emperor geese.

PACIFIC FLYWAY MIDWINTER WATERFOWL SURVEY UNITS*



January 2014	Pacific Flyway States	West Coast of Mexico & Baja	PACIFIC FLYWAY	Washington			Oregon				Idaho			
	Subtotal	Subtotal	TOTAL	89-1 W	89-2E	Total	69-1 W*	69-2E	69-3 S	Total	33-1 N	33-2 S	33-3 E	Total
Mallard	891,871	0	891,871	138,446	391,225	529,671	49,908	66,786	1,525	118,219	10,935	350		11,285
Blk/Mot'ld/Mex.	0	0	0	0	0	0	0	0	0	0	0	0		0
Gadwall	152,060	0	152,060	1,594	615	2,209	535	392	134	1,061	43	0		43
Wigeon	604,922	0	604,922	99,836	12,995	112,831	22,076	8,067	54	30,197	429	0		429
G-w Teal	273,033	0	273,033	12,170	2,026	14,196	3,035	180	102	3,317	0	0		0
B-w/Cinn Teal	3,396	0	3,396	4	0	4	100	0	0	100	0	0		0
Shoveler	497,442	0	497,442	3,870	2	3,872	2,733	47	9	2,789	37	0		37
Pintail	1,582,399	0	1,582,399	71,276	63	71,339	203,678	2,814	339	206,831	4	0		4
Wood Duck	11,258	0	11,258	259	9,537	9,796	322	0	0	322	315	0		315
Whistling Duck	50	0	50	0	50	50	0	0	0	0	0	0		0
Subt. Dabblers	4,016,431	0	4,016,431	327,455	416,513	743,968	282,387	78,286	2,163	362,836	11,763	350	0	12,113
Redhead	8,547	0	8,547	20	1,112	1,132	46	13	0	59	0	0		0
Canvasback	63,683	0	63,683	417	45	462	586	58	0	644	0	0		0
Scaup	102,871	0	102,871	31,080	10,904	41,984	14,376	3,234	12	17,622	0	3		3
Ring-necked D.	31,112	0	31,112	5,118	209	5,327	919	1,011	158	2,088	17	0		17
Goldeneye	57,916	0	57,916	8,890	1,810	10,700	204	702	63	969	461	0		461
Bufflehead	43,700	0	43,700	26,727	2,404	29,131	691	1,228	133	2,052	297	1		298
Ruddy Duck	97,788	0	97,788	1,985	368	2,353	396	55	0	451	0	0		0
Subt. Divers	405,617	0	405,617	74,237	16,852	91,089	17,218	6,301	366	23,885	775	4	0	779
Eiders	8,343	0	8,343	0	0	0	0	0	0	0	0	0		0
Scoters	16,547	0	16,547	13,287	0	13,287	103	0	0	103	0	0		0
Oldsquaw	898	0	898	867	0	867	30	0	0	30	1	0		1
Harlequin	961	0	961	961	0	961	0	0	0	0	0	0		0
Subt. Seaducks	26,749	0	26,749	15,115	0	15,115	133	0	0	133	1	0	0	1
Mergansers	16,327	0	16,327	8,521	250	8,771	710	132	32	874	11	8		19
Unidentified	59,355	0	59,355	9,146	34	9,180	283	138	0	421	0	0		0
Miscellaneous	2,195	0	2,195	0	600	600	118	150	765	1,033	1	0		1
TOT. DUCKS	4,526,674	0	4,526,674	434,474	434,249	868,723	300,849	85,007	3,326	389,182	12,551	362	0	12,913
L. Snow	50,704	0	50,704	50,054	300	50,354	2	22	0	24	0	0		0
Blue-phase Snow	0	0	0	0	0	0	0	0	0	0	0	0		0
Ross'	0	0	0	0	0	0	0	0	0	0	0	0		0
Snow/Ross' undif.	24,956	0	24,956	0	0	0	9,701	15,255	0	24,956	0	0		0
Subt. "White" G.	75,660	0	75,660	50,054	300	50,354	9,703	15,277	0	24,980	0	0	0	0
White-fronted G.	324,601	0	324,601	24	0	24	7	10	13	30	0	0		0
Emperor Geese	37,248	0	37,248	0	0	0	0	0	0	0	0	0		0
Western	135,961	0	135,961	3,574	705	4,279	2,575	5,755	4,093	12,423	0	0		0
Lesser/Taverner	3,584	0	3,584	1,310	155	1,465	614	0	0	614	0	0		0
Cackling	10,663	0	10,663	4,281	0	4,281	6,376	0	1	6,377	0	0		0
Dusky	2,767	0	2,767	964	0	964	1,803	0	0	1,803	0	0		0
Aleutian	46,596	0	46,596	0	0	0	596	0	0	596	0	0		0
"Canada" - undif.	415,167	0	415,167	9,236	62,122	71,358	271,599	30,632	130	302,361	1,940	3,709		5,649
Subt. Canada	614,738	0	614,738	19,365	62,982	82,347	283,563	36,387	4,224	324,174	1,940	3,709	0	5,649
Brant	74,052	0	74,052	17,485	0	17,485	511	0	0	511	0	0		0
TOT. GEESE	1,126,299	0	1,126,299	86,928	63,282	150,210	293,784	51,674	4,237	349,695	1,940	3,709	0	5,649
Tundra Swan	68,235	0	68,235	1,171	0	1,171	76	12	175	263	0	0		0
Trumpeter Sw.	11,944	0	11,944	11,623	0	11,623	0	0	42	42	0	0		0
Mute Swan	2	0	2	2	0	2	0	0	0	0	0	0		0
Unident. Swan	6,587	0	6,587	3,532	77	3,609	2,805	20	153	2,978	0	0		0
TOT. SWANS	86,768	0	86,768	16,328	77	16,405	2,881	32	370	3,283	0	0		0
GRAND TOTAL	5,757,226	0	5,757,226	555,215	497,608	1,052,823	597,514	136,713	7,933	742,160	14,491	4,071	0	18,562
COOTS	778,585	0	778,585	11,189	32,638	43,827	5,645	14,435	65	20,145	81	0		81
SANDHILL CR.	18,226	0	18,226	758	0	758	510	0	0	510	0	0		0

January 2014	Montana			Wyoming	California								Nevada			
	53-1 W	53-2 E	Total	92-1 W	14-1 NW	14-2 NE	14-3 SAC	14-4 SFB	14-5 SJV	14-6 SCST	14-7 SE*	Total	55-1 W	55-2 E	55-3 S	Total
Mallard	8,824	16,245	25,069			1,352	138,019	15,928	8,670		1,178	165,147	10,962	2,054	1,695	14,711
Blk/Motld/Mex.	0	0	0			0	0	0	0		0	0	0	0	0	0
Gadwall	0	0	0			0	117,937	1,522	22,458		337	142,254	4,899	280	260	5,439
Wigeon	0	0	0			9,450	403,890	37,040	7,996		1,782	460,158	426	10	155	591
G-w Teal	37	0	37			0	180,984	18,088	45,132		3,530	247,734	4,652	175	900	5,727
B-w/Cinn Teal	0	0	0			0	172	32	2,966		0	3,170	0	0	85	85
Shoveler	0	0	0			250	242,987	43,127	144,972		33,410	464,746	11,505	5	915	12,425
Pintail	1	12	13			1,350	1,221,041	53,503	20,843		5,372	1,302,109	138	120	830	1,088
Wood Duck	0	0	0			0	650	25	50		0	725	100	0	0	100
Whistling Duck	0	0	0			0	0	0	0		0	0	0	0	0	0
Subt. Dabblers	8,862	16,257	25,119	0	0	12,402	2,305,680	169,265	253,087	0	45,609	2,786,043	32,682	2,644	4,840	40,166
Redhead	257	680	937			0	55	162	0		510	727	4,655	75	530	5,260
Canvasback	15	0	15			10	9,755	27,594	23,350		245	60,954	77	5	1,500	1,582
Scaup	30	0	30			5	549	32,164	9,061		920	42,699	176	90	35	301
Ring-necked D.	2	0	2			0	13,736	1,000	7,684		0	22,420	91	165	515	771
Goldeneye	417	12,380	12,797			15	695	913	469		0	2,092	89	100	235	424
Bufflehead	5	500	505			25	1,138	8,266	1,541		2	10,972	341	50	345	736
Ruddy Duck	0	0	0			35	4,584	42,437	22,603		17,272	86,931	5,080	55	2,620	7,755
Subt. Divers	726	13,560	14,286	0	0	90	30,512	112,536	64,708	0	18,949	226,795	10,509	540	5,780	16,829
Eiders	0	0	0			0	0	0	0		0	0	0	0	0	0
Scoters	0	0	0			0	0	3,157	0		0	3,157	0	0	0	0
Oldsquaw	0	0	0			0	0	0	0		0	0	0	0	0	0
Harlequin	0	0	0			0	0	0	0		0	0	0	0	0	0
Subt. Seaducks	0	0	0	0	0	0	0	3,157	0	0	0	3,157	0	0	0	0
Mergansers	103	2,883	2,986			15	68	76	2,185		2	2,346	356	85	5	446
Unidentified	0	0	0			0	180	1,642	40,907		7,025	49,754	0	0	0	0
Miscellaneous	0	0	0			0	500	0	0		0	500	56	0	5	61
TOT. DUCKS	9,691	32,700	42,391	0	0	12,507	2,336,940	286,676	360,887	0	71,585	3,068,595	43,603	3,269	10,630	57,502
L. Snow	0	0	0									0	312	0	14	326
Blue-phase Snow	0	0	0									0	0	0	0	0
Ross'	0	0	0									0	0	0	0	0
Snow/Ross' undif.	0	0	0									0	0	0	0	0
Subt. "White" G.	0	0	0	0	0	0	0	0	0	0	0	0	312	0	14	326
White-fronted G.	0	0	0			125	288,021	26,316	10,035		0	324,497	50	0	0	50
Emperor Geese	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0
Western	4,818	84,524	89,342			1,248	4,460	596	351		0	6,655	12,964	1,155	235	14,354
Lesser/Taverner	0	0	0			0	0	0	0		0	0	1,505	0	0	1,505
Cackling	0	0	0			0	5	0	0		0	5	0	0	0	0
Dusky	0	0	0			0	0	0	0		0	0	0	0	0	0
Aleutian	0	0	0			0	0	0	46,000		0	46,000	0	0	0	0
"Canada" - undif.	0	0	0			0	550	30,766	3,662		4	34,982	0	0	0	0
Subt. Canada	4,818	84,524	89,342	0	0	1,248	5,015	31,362	50,013	0	4	87,642	14,469	1,155	235	15,859
Brant	0	0	0		4,700	0	0	1,885	0	1,331	0	7,916	0	0	0	0
TOT. GEESE	4,818	84,524	89,342	0	4,700	1,373	293,036	59,563	60,048	1,331	4	420,055	14,831	1,155	249	16,235
Tundra Swan	0	0	0			3	59,983	6,603	85		0	66,674	69	0	56	125
Trumpeter Sw.	161	79	240			0	0	0	0		0	0	0	8	0	8
Mute Swan	0	0	0			0	0	0	0		0	0	0	0	0	0
Unident. Swan	0	0	0			0	0	0	0		0	0	0	0	0	0
TOT. SWANS	161	79	240	0	0	3	59,983	6,603	85	0	0	66,674	69	8	56	133
GRAND TOTAL	14,670	117,303	131,973	0	4,700	13,883	2,689,959	352,842	421,020	1,331	71,589	3,555,324	58,503	4,432	10,935	73,870
COOTS	4,474	532	5,006			20	251,470	98,278	244,251		13,405	607,424	92,854	125	7,790	100,769
SANDHILL CR.	0	0	0			0	10,243	4,911	1,750		54	16,958	0	0	0	0

January 2014	Utah				Arizona				New Mexico	Alaska	Western Mexico		
	85-1 N	85-2 SW	85-3 E	Total	06-1 N	06-2 S	06-3 W	Total	60-1 W	Izembek	West Coast	Baja	Total
Mallard	1,179	6,358	4,887	12,424		916	11	927	14,418				0
Blk/Mot'ld/Mex.	0	0	0	0		0	0	0	0				0
Gadwall	86	3	70	159		501	194	695	200				0
Wigeon	20	21	404	445		101	0	101	170				0
G-w Teal	1,245	28	54	1,327		464	231	695	0				0
B-w/Cinn Teal	0	0	37	37		0	0	0	0				0
Shoveler	12,226	0	5	12,231		939	403	1,342	0				0
Pintail	700	16	26	742		105	0	105	168				0
Wood Duck	0	0	0	0		0	0	0	0				0
Whistling Duck	0	0	0	0		0	0	0	0				0
Subt. Dabblers	15,456	6,426	5,483	27,365	0	3,026	839	3,865	14,956	0	0	0	0
Redhead	0	0	2	2		100	0	100	330				0
Canvasback	1	0	0	1		25	0	25	0				0
Scaup	22	6	9	37		0	0	0	195				0
Ring-necked D.	0	0	65	65		12	0	12	410				0
Goldeneye	30,033	1	309	30,343		0	0	0	130				0
Bufflehead	3	0	0	3		3	0	3	0				0
Ruddy Duck	232	8	0	240		0	10	10	48				0
Subt. Divers	30,291	15	385	30,691	0	140	10	150	1,113	0	0	0	0
Eiders	0	0	0	0		0	0	0	0	8,343			0
Scoters	0	0	0	0		0	0	0	0				0
Oldsquaw	0	0	0	0		0	0	0	0				0
Harlequin	0	0	0	0		0	0	0	0				0
Subt. Seaducks	0	0	0	0	0	0	0	0	0	8,343	0	0	0
Mergansers	50	0	90	140		341	63	404	341				0
Unidentified	0	0	0	0		0	0	0	0				0
Miscellaneous	0	0	0	0		0	0	0	0				0
TOT. DUCKS	45,797	6,441	5,958	58,196	0	3,507	912	4,419	16,410	8,343	0	0	0
L. Snow	0	0	0	0		0	0	0	0				0
Blue-phase Snow	0	0	0	0		0	0	0	0				0
Ross'	0	0	0	0		0	0	0	0				0
Snow/Ross' undif.	0	0	0	0		0	0	0	0				0
Subt. "White" G.	0	0	0	0	0	0	0	0	0	0	0	0	0
White-fronted G.	0	0	0	0		0	0	0	0				0
Emperor Geese	0	0	0	0		0	0	0	0	37,248	0	0	0
Western	7,323	577	1,008	8,908		0	0	0	0				0
Lesser/Taverner	0	0	0	0		0	0	0	0				0
Cackling	0	0	0	0		0	0	0	0				0
Dusky	0	0	0	0		0	0	0	0				0
Aleutian	0	0	0	0		0	0	0	0				0
"Canada" - undif.	0	0	0	0		817	0	817	0				0
Subt. Canada	7,323	577	1,008	8,908	0	817	0	817	0	0	0	0	0
Brant	0	0	0	0		0	0	0	0	48,140			0
TOT. GEESE	7,323	577	1,008	8,908	0	817	0	817	0	85,388	0	0	0
Tundra Swan	2	0	0	2		0	0	0	0				0
Trumpeter Sw.	0	0	31	31		0	0	0	0				0
Mute Swan	0	0	0	0		0	0	0	0				0
Unident. Swan	0	0	0	0		0	0	0	0				0
TOT. SWANS	2	0	31	33	0	0	0	0	0	0	0	0	0
GRAND TOTAL	53,122	7,018	6,997	67,137	0	4,324	912	5,236	16,410	93,731	0	0	0
COOTS	14	0	0	14		602	162	764	555	0			0
SANDHILL CR.	0	0	0	0		0	0	0	0	0			0

Aerial population indices and converted population estimates for Dusky Canada Geese, 1986-2014.

Year	Indicated total birds index	SE	Indicated breeding birds index	SE	3.395 * CRD breeding birds index	CRD birds in flocks	Middleton Island adults	Total estimated Dusky population ^a	3-year running average
1986	5,469	356	4,811	389	16,333	658	80	17,073	
1987	5,408	504	4,294	409	14,578	1,114	84	15,778	
1988	5,296	364	4,412	325	14,979	884	90	15,955	16,269
1989	6,582	565	4,463	369	15,152	2,119	75	17,348	16,360
1990	5,442	669	4,482	457	15,216	960	93	16,271	16,525
1991	3,773	437	2,861	356	9,713	912	249	10,875	14,831
1992	6,648	835	4,472	284	15,182	2,176	473	17,833	14,993
1993	6,334	495	4,096	265	13,906	2,238	473	16,619	15,109
1994	5,810	432	4,226	253	14,347	1,584	473	16,406	16,953
1995	3,685	323	3,357	250	11,397	328	473	12,199	15,075
1996	3,509	267	2,936	190	9,968	573	1,456	11,997	13,534
1997	4,208	271	3,379	176	11,472	829	1,168	13,470	12,556
1998	4,814	350	3,571	203	12,124	1,243	1,168	14,536	13,335
1999	3,068	224	2,599	174	8,824	469	1,168	10,462	12,823
2000	3,009	184	2,477	128	8,409	532	1,309	10,251	11,750
2001	3,157	202	2,788	181	9,465	369	1,309	11,144	10,619
2002	3,836	294	2,966	173	10,070	870	1,416	12,357	11,251
2003	3,083	222	2,215	129	7,520	868	1,416	9,805	11,102
2004	3,198	235	2,712	190	9,207	486	1,499	11,193	11,118
2005	5,050	614	3,986	418	13,532	1,064	1,499	16,097	12,365
2006	3,412	326	3,006	301	10,205	406	1,453	12,066	13,119
2007	2,848	188	2,456	157	8,338	392	1,453	10,184	12,782
2008	2,512	192	2,222	167	7,544	290	1,317	9,152	10,467
2009	1,768	165	1,513	103	5,137	255	1,317	6,709	8,682
2010	2,714	193	2,324	131	7,890	390	1,249	9,530	8,464
2011	3,736	326	2,845	202	9,659	891	1,249	11,800	9,346
2012	4,093	365	3,498	270	11,876	595	1,188	13,660	11,663
2013					***No survey conducted***				
2014	4,880	423	3,502	245	11,891	1,378	1,780	15,049	13,503

^aStarting 2007, the population index changed from a winter mark-recapture method to direct count on Dusky Canada Goose breeding areas.

Number of Tundra Swans counted in the Pacific Flyway during the Mid-Winter waterfowl surveys, 1949-2014.

Year	Arizona	California	Idaho	Montana	Nevada	Oregon	Utah	Washington	Wyoming	Colorado	New Mexico	Annual Index	3-YEAR AVG
1949	40	15,051	72	0	207	636	5	55				16,066	
1950	12	12,729	70	0	2,645	668	623	82				16,829	
1951	2	17,041	119	0	2,821	548	11,145	11				31,687	21,527
1952	35	17,162	47	0	850	556	360	210				19,220	22,579
1953	4	20,226	103	0	5,451	1,293	429	168				27,674	26,194
1954	9	13,773	102	0	7,209	3,275	1,632	206				26,206	24,367
1955	2	25,397	134	0	5,167	1,907	1,443	675				34,725	29,535
1956	35	28,679	1	0	1,927	7,464	7,980	196				46,282	35,738
1957	53	23,263	226	0	13,202	3,979	1,915	332		0		42,970	41,326
1958	10	28,322	110	0	10,227	5,755	4,515	1,007				49,946	46,399
1959	23	20,590	230	1	9,847	4,405	3,464	1,040		0		39,600	44,172
1960	43	29,427	156	4	619	3,716	934	606	3	0	0	35,508	41,685
1961	38	32,232	110	41	455	5,741	1,492	719	0	0	0	40,828	38,645
1962	20	23,460	208	11	1,068	4,880	1,266	1,443	0	0	0	32,356	36,231
1963	4	21,820	728	9	1,568	4,375	16,398	1,434	14	0	0	46,350	39,845
1964	16	27,031	164	5	4,324	6,828	795	1,379	0	0	3	40,545	39,750
1965	2	25,949	127	6	8,055	4,235	3,624	651	0	0	0	42,649	43,181
1966	0	18,705	303	2	7,966	4,349	2,379	1,100	0	0	0	34,804	39,333
1967	16	35,907	246	4	5,231	5,823	864	855	0	0	0	48,946	42,133
1968	8	25,969	27	9	267	7,703	287	1,360	0	0	0	35,630	39,793
1969	6	66,195	69	22	2,005	3,694	1,394	1,491	3	0	0	74,879	53,152
1970	6	21,890	200	3	3,758	2,945	1,577	620	0	1	0	31,000	47,170
1971	4	91,824	143	12	619	4,508	276	1,470	0	0	0	98,556	68,245
1972	2	74,528	93	16	333	6,204	269	1,402	0	0	0	82,847	70,901
1973	0	27,628	27	27	99	5,285	191	660	0	0	0	33,917	71,873
1974	4	61,542	110	13	679	4,951	1,094	1,332	43	0	0	69,768	62,177
1975	0	45,987	100	39	315	6,451	130	1,850	0	0	0	54,872	52,852
1976	0	40,675	204	5	2,682	6,067	375	1,342	0	0	0	51,350	58,663
1977	0	37,920	139	20	1,117	6,418	254	1,401	0	0	0	47,269	51,164
1978	0	28,960	224	59	405	8,943	4,816	2,190	0	0	0	45,597	48,072
1979	0	47,730	214	1	205	3,917	33	1,423	0	0	0	53,523	48,796
1980	0	37,295	82	8	6,240	15,271	4,276	2,037		0	0	65,209	54,776
1981	0	34,945	253	84	5,117	5,292	33,665	4,197		0	0	83,553	67,428
1982	0	79,295	261	14	1,045	4,391	3,402	2,906	0	0	0	91,314	80,025
1983	7	54,860	112	22	2,791	3,752	5,425	333	0	0	0	67,302	80,723
1984	0	47,945	184	12	2,372	4,779	5,604	965	12	0	0	61,873	73,496
1985	1	39,500	101	139	1,575	4,769	69	2,619	25	0	0	48,798	59,324
1986	2	55,417	121	0	232	6,682	46	3,647	10	0	0	66,157	58,943
1987	0	30,208	228	3	10,742	9,535	99	1,948	35	0	0	52,798	55,918
1988	0	50,527	49	155	31	4,738	12	3,661	19	1	0	59,193	59,383
1989	0	68,482	242	178	92	7,511	38	2,101	28	1	0	78,658	63,555
1990	0	30,008	278	149	630	7,955	68	939	24	1	0	40,052	59,306
1991	0	38,616	55	1	206	6,436	56	2,248	0	0	0	47,618	55,448
1992	0	45,119	137	277	321	14,571	103	3,209	0	0	0	63,737	50,469
1993	0	52,632	5	328	284	7,868	202	883	0	0	0	62,202	57,852
1994	0	66,301	56	293	1,266	7,228	1,646	2,616	0	0	0	79,406	68,448
1995 ^c	0	37,096	167	258	2,120	6,779	5,190	1,332	0	0	0	52,942	64,850
1996	0	66,817	148	94	1,573	8,046	16,988	4,398	0	0	0	98,064	76,804
1997	0	93,696	154	2	2,451	14,562	8,445	3,211	0	0	0	122,521	91,176
1998	32	49,521	85	85	4,804	8,699	3,398	3,424	0	0	0	70,048	96,878
1999	14	103,946	110	89	627	9,038	3,151	2,802	0	0	0	119,777	104,115
2000	0	63,026	220	331	5,916	3,409	12,378	4,342	0	0	0	89,622	93,149
2001	0	65,511	174	113	4,584	9,918	2,430	4,597	0	0	0	87,327	98,909
2002	0	47,432	205	240	981	5,157	2,130	2,521	9	0	0	58,675	78,541
2003	0	73,408	178	48	1,339	3,366	18,004	6,393	0	0	0	102,736	82,913
2004 ^a	0	66,581	0	0	1,614	7,113	6,195	1,447	0	0	0	82,950	81,454
2005	0	74,205	384	0	456	3,885	10,366	2,778	0	0	0	92,074	92,587
2006	0	79,412	243	8	2,750	4,306	16,727	3,422	0	0	0	106,868	93,964
2007	0	90,136	615	255	3,835	2,534	8,724	3,548	0	0	0	109,647	102,863
2008	1	80,081	352	64	2,266	1,368	2,041	3,570	0	0	0	89,743	102,086
2009	1	97,859	4	0	1,191	1,307	1,470	3,380	4	0	0	105,216	101,535
2010	0	67,408	28	0	351	3,238	2,455	3,211	0	0	0	76,691	90,550
2011 ^b	2	45,042	0	0	606	477	634	2,544	0	0	0	49,305	77,071
2012 ^b	0	101,351	0	0	1,480	10,081	2,018	2,247	0	0	0	117,177	81,058
2013 ^b	0	72,646	0	0	246	359	417	1,652	0	0	0	75,320	80,601
2014 ^b	0	66,674	0	0	125	263	2	1,171	0	0	0	68,235	86,911
Avg. 1949-2014	7	48,191	152	54	2,630	5,336	3,785	1,894	4	0	0	62,053	62,634
2014/(55-13)	--	39.17%	--	--	-95.32%	-95.14%	-99.95%	-38.54%	--	--	--	10.13%	39.62%
2014/2013	--	-8.22%	--	--	-49.19%	-26.74%	-99.52%	-29.12%	--	--	--	-9.41%	7.83%

^a No mid-winter waterfowl surveys were conducted in Idaho and Wyoming (Pacific Flyway portion) and the survey was incomplete in Montana during 2004.

^b Midwinter waterfowl surveys ceased in Idaho after 2010, the survey was incomplete in Montana and Oregon during 2011-13, and swans were not differentiated in OR during 2013-14.

^c California did not survey the Delta in 1995.

Table 1. Indicated total population indices for cackling Canada, emperor, and white-fronted geese on the Yukon-Kuskokwim Delta, 1985-2014.

Year	Cackling Canada Geese		White-fronted Geese		Emperor Geese	
	Index	SE	Index	SE	Index	SE
1985	13,963	1,605	18,914	1,482	19,805	1,960
1986	13,502	1,013	13,400	1,014	12,430	1,008
1987	19,921	1,390	15,717	1,413	13,035	1,121
1988	24,467	1,507	27,191	2,642	16,392	1,402
1989	25,475	1,567	28,004	2,430	16,855	1,220
1990	31,759	2,166	37,836	4,067	17,347	1,401
1991	28,843	1,688	31,286	2,294	14,888	1,284
1992	44,356	2,632	34,671	2,908	15,416	994
1993	45,749	2,534	39,748	3,020	17,147	1,230
1994	65,021	3,181	56,513	3,730	18,733	1,059
1995	69,888	3,756	77,710	5,483	18,764	1,072
1996	74,574	4,008	78,032	5,339	24,413	2,476
1997	88,018	4,359	83,215	5,738	23,287	1,451
1998	64,601	3,701	87,881	7,874	21,741	1,541
1999	72,173	3,509	95,040	8,876	21,406	1,591
2000	74,992	3,352	91,911	6,591	18,667	949
2001	75,620	3,734	113,603	9,358	27,297	1,473
2002	50,187	2,487	90,407	7,537	19,504	1,326
2003	69,867	3,482	117,951	12,034	21,378	1,746
2004	51,390	2,691	100,622	9,611	21,396	1,097
2005	65,484	3,091	121,017	12,000	19,798	1,190
2006	71,985	3,291	138,067	10,648	26,562	1,697
2007	74,152	3,138	178,515	15,035	24,362	1,508
2008	84,699	3,517	161,979	14,831	22,100	1,038
2009	67,434	2,909	144,678	14,065	20,684	1,092
2010	82,192	4,755	174,556	21,450	20,167	1,199
2011	53,799	2,137	168,925	16,068	21,223	1,284
2012	60,395	2,663	181,519	15,461	20,388	1,554
2013	93,200	5,202	164,399	18,318	29,840	2,222
2014	83,970	4,225	205,081	31,834	32,550	2,973

a-- Indicated total = 2 x (singles + pairs) + birds in flocks

Table 2. Indicated pair ^a indices for cackling Canada, emperor, and white-fronted geese on the Yukon-Kuskokwim Delta, 1985-2014.

Year	Cackling Canada Geese		White-fronted Geese		Emperor Geese	
	Index	SE	Index	SE	Index	SE
1985	10,313	1,378	9,382	776	9,542	852
1986	10,770	854	6,713	513	7,413	611
1987	14,367	967	7,819	653	9,312	746
1988	16,290	1,009	11,953	890	8,695	829
1989	21,168	1,330	11,982	968	10,737	791
1990	20,330	1,341	11,705	938	9,282	787
1991	22,405	1,290	12,584	902	7,758	590
1992	28,443	1,697	14,077	1,086	9,879	686
1993	33,781	1,828	15,010	1,213	10,183	787
1994	41,200	2,135	20,155	1,432	12,007	712
1995	49,354	2,872	26,985	1,911	12,892	806
1996	39,543	2,371	21,887	1,626	12,433	604
1997	49,254	2,570	27,611	1,521	12,820	741
1998	46,372	2,896	40,872	3,888	15,686	1,136
1999	49,556	2,401	48,207	3,791	16,208	1,285
2000	52,855	2,428	42,558	2,693	12,798	680
2001	49,665	2,451	63,555	5,228	17,112	926
2002	41,982	2,033	51,381	4,491	15,646	1,215
2003	40,993	2,058	51,670	4,797	12,141	869
2004	40,848	2,219	47,928	4,973	14,410	848
2005	44,018	2,220	50,141	4,067	14,490	817
2006	47,500	2,293	71,484	6,104	17,460	936
2007	51,194	2,345	70,670	7,824	14,562	1,004
2008	52,368	2,444	73,022	5,980	16,110	724
2009	52,368	2,328	66,759	6,004	13,563	646
2010	50,232	2,200	74,791	9,359	14,103	781
2011	42,361	1,796	84,551	8,127	14,730	828
2012	51,729	2,349	97,654	8,422	17,207	1,307
2013	67,328	3,512	93,823	12,704	19,372	1,360
2014	55,733	2,736	86,079	12,013	16,188	1,132

a--Indicated pairs = 2 x (singles + pairs)

Table 3. Black brant and Taverner's Canada geese on the Yukon-Kuskokwim Delta, 1985-2014.

Year	Black Brant		Taverner's Canada Geese	
	Indicated		Indicated	
	Pairs ^a	Indicated Total	Pairs ^a	Indicated Total
1985	1,180	5,164	4,285	5,517
1986	2,030	14,007	3,782	5,150
1987	4,652	14,893	3,187	4,059
1988	3,840	22,713	5,191	9,217
1989	4,220	26,231	7,142	8,865
1990	2,989	28,820	6,498	7,819
1991	4,528	27,151	5,454	8,063
1992	6,144	20,026	5,089	8,698
1993	4,446	32,004	6,519	8,643
1994	5,764	31,278	5,536	7,017
1995	5,858	34,401	5,780	6,475
1996	5,620	29,503	3,856	6,644
1997	6,818	30,738	4,466	6,630
1998	8,252	22,127	6,607	8,446
1999	9,492	22,520	7,532	12,532
2000	8,402	26,381	8,232	10,384
2001	5,686	31,242	6,063	7,701
2002	9,208	20,396	5,145	6,204
2003	3,588	20,621	5,426	8,043
2004	7,641	19,238	4,580	7,755
2005	5,634	20,560	3,942	6,385
2006	11,279	19,495	6,523	9,355
2007	8,937	19,191	3,800	7,042
2008	13,132	29,166	5,663	10,209
2009	8,847	23,033	4,245	7,610
2010	8,595	23,897	6,942	8,981
2011	12,375	16,156	4,543	5,952
2012	17,541	21,912	6,680	8,980
2013	13,104	24,048	4,073	9,283
2014	4,040	28,283	9,183	13,115

a--Indicated singles and pairs = 2 x (singles + pairs)

b-- Indicated total = 2 x (singles + pairs) + birds in flocks

Table 4. Tundra swan population indices on the Yukon-Kuskokwim Delta, 1985-2014.

Singles and			
Year	Pairs^a	Total Birds^b	Nests^c
1985	13664	30874	2471
1986	14,093	24,299	3,093
1987	12,149	24,180	2,177
1988	13,872	24,459	3,159
1989	12,695	33,115	2,613
1990	12,759	30,006	2,802
1991	11,465	18,663	2,442
1992	13,174	19,411	3,009
1993	12,348	20,180	2,818
1994	13,204	18,787	3,086
1995	16,594	23,052	3,560
1996	17,238	23,121	3,975
1997	18,106	28,683	4,034
1998	19,947	33,355	4,964
1999	20,727	27,211	4,601
2000	20,048	28,306	4,494
2001	17,251	24,395	3,147
2002	21,356	31,193	5,713
2003	14,823	23,015	4,646
2004	17,760	27,099	5,301
2005	14,548	23,645	3,360
2006	22,663	31,545	4,224
2007	20,760	30,454	4,074
2008	20,233	32,184	3,649
2009	20,272	27,897	3,808
2010	21,340	37,790	4,678
2011	22,543	33,451	5,974
2012	26,201	39,291	4,275
2013	17,900	19,635	3,643
2014	18,367	27,413	4,965

a--Singles and Pairs = singles + (2 x pairs)

b-- Total birds = singles + (2 x pairs) + birds in flocks

c-- Nests = number of active nest observations

Table 5. Sandhill Crane population indices on the YKD, 1987-2014.

Indicated		
Year	Pairs^a	Total Birds^b
1985		
1986		
1987	14,246	15,079
1988	12,777	16,549
1989	13,247	16,719
1990	14,228	18,310
1991	14,358	20,601
1992	13,394	17,185
1993	16,012	19,312
1994	13,832	16,548
1995	16,906	18,182
1996	10,220	16,430
1997	11,446	13,530
1998	17,859	24,458
1999	16,236	18,612
2000	15,886	18,144
2001	14,923	16,211
2002	12,605	13,076
2003	10,779	13,778
2004	12,014	14,608
2005	11,468	14,464
2006	12,778	15,298
2007	12,599	13,138
2008	12,944	14,882
2009	13,207	16,188
2010	17,087	18,926
2011	12,264	13,138
2012	16,916	18,990
2013	12,771	13,830
2014	13,220	14,925

a--Indicated singles and pairs = 2 x (singles + pairs)

b-- Indicated total = 2 x (singles + pairs) + birds in flocks



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Division of Migratory Bird Management
Population and Habitat Assessment Branch
11510 American Holly Drive
Laurel, Maryland, 20708-4016



MEMORANDUM

TO: Ken Richkus

FROM: Todd A. Sanders

DATE: 13 May 2014

SUBJECT: Aleutian Canada Goose Abundance

Aleutian Canada geese (*Branta canadensis leucopareia*) were listed as an endangered population in 1967, downgraded to threatened status in 1990, and removed from protection under the endangered species act in 2001. Accurate determination of population status continues to be a priority for management agencies because of the population's past listing as endangered, the species' status as a game bird, and because population expansion has resulted in crop damage complaints.

Two population segments of Aleutian Canada geese are currently recognized based on breeding distribution; a western Aleutian Islands segment comprises birds from the central and western Aleutian Islands, and a Semidi Islands segment comprises birds from the Semidi Islands of the eastern Aleutian Islands. The Semidi Islands segment winters primarily on the northern Oregon coast near Pacific City and consists of about 300 birds and is not the focus of this memo. The western Aleutian Islands segment winters primarily in the San Joaquin Valley and Sacramento River Delta areas of central California (San Joaquin Valley region), and stages in the Humboldt Bay and Crescent City areas on the northern California coast (Humboldt Bay region) in spring before making the transoceanic flight to breeding areas in the western Aleutian Islands.

Breeding population inventories have never been considered a practical means of monitoring population status because of the goose's remote and widely distributed breeding areas. Direct counts in winter were sufficient to monitor their status when the population was small and concentrated in a few local areas (1975–1998). However, as the population has grown and distribution expanded, challenges associated with direct counts have lead managers to indirect methods (mark-resight) of estimating population abundance (1996–present). Annually, a sample of geese are marked with a plastic neckband (each with a highly visible unique alphanumeric code) during November–December in the San Joaquin Valley area and subsequently resighted during January–March in California and Oregon.

An estimate of Aleutian Canada goose abundance from the mark-resight data was derived by expanding an estimate of the abundance of marked geese by the ratio of total per marked geese. A closed robust design model was used for estimation of abundance of marked birds. The model included only sighting data from a primary sample period of 1 January–31 March annually with 2 secondary sample periods of 1 January–14 February and 15 February–31 March in the San Joaquin Valley and Humboldt Bay regions. Estimation of the ratio of total birds to marked birds was determined during a single annual sample period from 15 February–31 March in the Humboldt Bay region (see Sanders, T.A., and R. E. Trost. 2013. Use of capture-recapture models with mark-resight data to estimate abundance of Aleutian cackling geese. *Journal of Wildlife Management* 77:1459–1471.)

The estimated number of Aleutian Canada geese in winter 2014 was 146,854 (SE = 12,956, 95% CI = 121,461–172,247). Abundance of this population has generally increased from 790 in 1975 (Fig. 1, Table 1). Additional survey results are included in Appendix A.

Traditionally survey efforts have focused primarily in the San Joaquin Valley region during 1 January–14 February and primarily in the Humboldt Bay region during 15 February to 31 March consistent with the distribution of these birds and their movement from wintering to spring staging areas. However, observer efforts are not restricted to one region during each survey period. Observers have increasingly reported a broadening distribution of these birds with some remaining in only one region during most or all of the survey periods. Ideally, all primary areas that these birds inhabit would be surveyed during each survey period. Possibly observers could survey for geese opportunistically in the Humboldt Bay region during the first survey period or in the San Joaquin Valley during the second survey period when large numbers of geese can be found. At some point it may become necessary to coordinate survey of both regions during each secondary sampling period.

Acknowledgements

Many state, federal, and university biologists and volunteers have assisted with counting, marking, and resighting geese, and are too numerous to recognize individually here. Agency coordinators for capturing and marking geese include Melanie Weaver (California Department of Fish and Wildlife) and Dennis Woolington (U.S. Fish and Wildlife Service, San Luis National Wildlife Refuge Complex). Agency coordinators for resighting geese include Melanie Weaver, Dennis Woolington, Eric Nelson and Ken Griggs (U.S. Fish and Wildlife Service Region 8, Humboldt Bay National Wildlife Refuge Complex), Roy Lowe and Shawn Stephensen (U.S. Fish and Wildlife Service Region 1, Oregon Coast National Wildlife Refuge Complex), and Steve Olson (U.S. Fish and Wildlife Service Region 9, Migratory Birds). Additional resight coordination was provided by Brandon Reishus (Oregon Department of Fish and Game), Marie Strassburger (U.S. Fish and Wildlife Service Region 8, Migratory Birds), Joe Sands (U.S. Fish and Wildlife Service Region 1, Migratory Birds), Eric Taylor (U.S. Fish and Wildlife Service Region 7, Migratory Birds), and Heather Renner (U.S. Fish and Wildlife Service Region 7, Alaska Maritime National Wildlife Refuge). Sincere thanks are extended to all agency personnel and volunteers (particularly Denny Brazil) who have contributed to this monitoring effort.

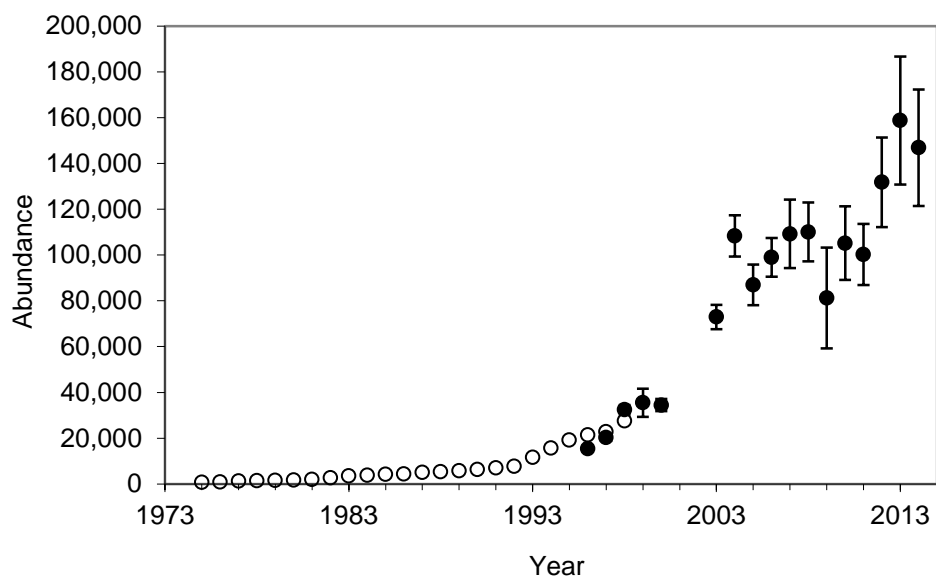


Figure 1. Abundance of Aleutian Canada geese from direct counts (1975–1998, open circles) and estimation using mark-resight methods (1996–2014, closed circles with 95% confidence intervals). The two surveys overlapped for 3 years (1996–1998). There is no estimate for 2001 and 2002 because of insufficient data.

Table 1. Abundance of Aleutian Canada geese from direct counts (1975–1998) and estimation using mark-resight methods (1996–2014, point estimate and 95% confidence intervals). The two surveys overlapped for 3 years (1996–1998). There is no estimate for 2001 and 2002 because of insufficient data.

Year	N	SE	L95%ci	U95%ci	Method
1975	790				Direct count
1976	900				Direct count
1977	1,280				Direct count
1978	1,500				Direct count
1979	1,590				Direct count
1980	1,740				Direct count
1981	2,000				Direct count
1982	2,700				Direct count
1983	3,500				Direct count
1984	3,800				Direct count
1985	4,200				Direct count
1986	4,300				Direct count
1987	5,000				Direct count
1988	5,400				Direct count
1989	5,800				Direct count
1990	6,300				Direct count
1991	7,000				Direct count
1992	7,680				Direct count
1993	11,680				Direct count
1994	15,700				Direct count
1995	19,150				Direct count
1996	21,420				Direct count
1997	22,800				Direct count
1998	27,600				Direct count
1996	15,417	556	14,326	16,508	Mark-resight
1997	20,345	760	18,855	21,834	Mark-resight
1998	32,392	1,068	30,300	34,484	Mark-resight
1999	35,464	3,107	29,375	41,554	Mark-resight
2000	34,420	1,358	31,759	37,082	Mark-resight
2001					
2002					
2003	72,970	2,713	67,653	78,287	Mark-resight
2004	108,337	4,624	99,274	117,401	Mark-resight
2005	86,910	4,514	78,062	95,758	Mark-resight
2006	98,972	4,326	90,492	107,451	Mark-resight
2007	109,239	7,658	94,229	124,249	Mark-resight
2008	110,057	6,536	97,247	122,868	Mark-resight
2009	81,215	11,258	59,149	103,281	Mark-resight
2010	105,175	8,199	89,104	121,246	Mark-resight
2011	100,227	6,811	86,878	113,577	Mark-resight
2012	131,760	9,996	112,167	151,353	Mark-resight
2013	158,727	14,266	130,766	186,687	Mark-resight
2014	146,854	12,956	121,461	172,247	Mark-resight

APPENDIX A. Additional results from the Aleutian Canada goose mark-resight survey.

Mark-resight Survey

The number of Aleutian Canada geese neckbanded are presented in Table A1. Estimates of the number of marked geese estimated to be in the fall population and the ratio of marked to total geese are presented in Tables A2 and A3.

Table A1. Number of Aleutian Canada geese marked with a neckband, 1995–2013.

Year	Jan	Feb	Mar	Jul	Aug	Sep	Nov	Dec	Total
1995	0	113	21	0	166	0	0	0	300
1996	75	54	0	0	74	0	0	0	203
1997	0	0	0	0	63	0	0	205	268
1998	0	0	0	0	0	0	0	259	259
1999	0	0	0	0	0	0	0	200	200
2000	0	0	0	0	0	0	0	199	199
2001	0	0	0	30	0	0	0	0	30
2002	0	0	0	0	0	0	0	145	145
2003	0	0	0	0	0	0	0	225	225
2004	0	0	0	0	0	0	0	219	219
2005	0	0	0	0	0	0	0	200	200
2006	0	0	0	0	0	0	0	210	210
2007	0	0	0	0	0	0	0	278	278
2008									
2009	0	0	0	100	0	0	0	425	525
2010	0	0	0	0	0	0	0	246	246
2011	0	0	0	0	0	0	54	357	411
2012	0	0	0	0	0	0	424	0	424
2013	0	0	0	0	0	0	132	0	132

Table A2. Number (M, with 95% confidence intervals) of marked (neckbanded) Aleutian Canada geese based on a closed robust design model for the San Joaquin Valley and Humboldt Bay regions combined, 1996–2014. U is the number of unique geese observed on all occasions, Un is the number of unique geese observed on all occasions that were marked during the same year, n1 is the number of unique geese observed during occasion 1, n2 is the number of unique geese observed during occasion 2, m2 is the number of unique geese observed during both occasion 1 and occasion 2, M is the estimated number of marked geese in population. There is no estimate for 2001 and 2002 because of insufficient data.

Year	U	Un	n1	n2	m2	M	SE	Confidence intervals	
								Lower	Upper
1996	280	89	266	246	232	281.4	1.5	280.3	288.0
1997	316	39	293	272	249	319.3	2.2	317.0	326.8
1998	483	214	473	393	383	484.6	1.6	483.3	491.4
1999	468	184	429	206	167	530.0	12.3	510.2	559.1
2000	508	147	427	392	311	541.8	7.7	529.8	560.4
2001	360	80	343	33	16				
2002	325	0	22	316	13				
2003	502	119	267	457	222	548.9	10.1	532.9	573.2
2004	531	162	437	366	272	584.3	10.1	567.8	608.1
2005	436	114	340	258	162	535.0	15.6	508.9	570.5
2006	474	120	250	383	159	612.8	19.8	579.1	657.5
2007	382	113	263	207	88	573.5	26.8	527.8	633.6
2008	424	102	277	290	143	536.4	17.7	506.8	576.6
2009	202	0	155	79	32	384.6	31.1	333.0	456.5
2010	404	265	240	262	98	635.6	33.0	579.3	709.9
2011	423	130	349	163	89	605.4	26.7	560.1	665.8
2012	549	222	406	287	144	789.6	30.9	736.3	858.1
2013	609	253	467	283	141	935.0	46.2	844.5	1,041.9
2014	605	103	465	387	247	728.1	19.0	690.1	765.3

^a Few or no geese were marked in the year prior to the resight period.

Table A3. Ratio (with 95% confidence intervals) of total Aleutian Canada geese per marked goose in the Humboldt Bay region, 1996–2014.

Year	Flocks	Geese	Marked	Marked per flock	Ratio	SE	Confidence interval	
							Lower	Upper
1996	70	48,646	888	12.7	54.8	2.0	51.0	58.6
1997	62	55,243	867	14.0	63.7	2.3	59.1	68.3
1998	75	53,137	795	10.6	66.8	2.2	62.5	71.1
1999	12	3,613	54	4.5	66.9	5.7	55.8	78.0
2000	102	55,263	870	8.5	63.5	2.3	58.9	68.1
2001	9	7,197	56	6.2	128.5	17.3	94.7	162.4
2002	116	30,324	243	2.1	124.8	14.6	96.2	153.4
2003	485	192,736	1,450	3.0	132.9	4.3	124.5	141.3
2004	750	205,962	1,111	1.5	185.4	7.2	171.2	199.6
2005	341	90,142	555	1.6	162.4	7.0	148.7	176.1
2006	859	190,031	1,176	1.4	161.6	4.8	152.3	170.9
2007	403	94,489	496	1.2	190.5	10.0	171.0	210.0
2008	426	77,389	378	0.9	204.7	10.1	185.0	224.5
2009	330	54,536	258	0.8	211.4	23.7	164.9	257.9
2010	358	74,844	452	1.3	165.6	9.6	146.7	184.4
2011	380	63,482	384	1.0	165.3	8.5	148.6	182.1
2012	234	58,235	349	1.5	166.9	10.9	145.5	188.2
2013	179	45,788	258	1.4	177.5	14.5	149.1	205.8
2014	151	34,324	170	1.1	201.9	17.0	168.6	235.2

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