

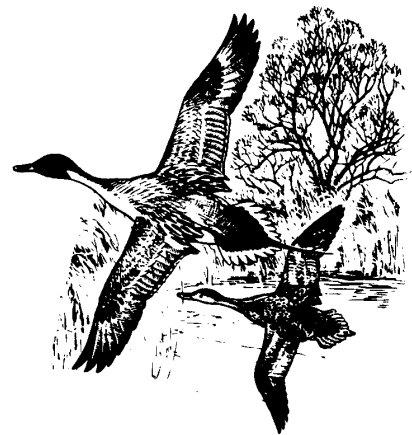
# **WATERFOWL HARVEST AND POPULATION SURVEY DATA**

*Estimates of U.S. Harvest, Hunting Activity, and Success  
Derived From the  
State-Federal Cooperative  
Harvest Information Program*

compiled by

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## **Note to Users:**

During 1961-2001, estimates of waterfowl harvest, hunting activity, and success in the United States were derived from the U.S. Fish and Wildlife Service's Waterfowl Harvest Survey, also known as the Mail-Questionnaire Survey. This was a two-part survey including: 1) a mail-questionnaire survey of individuals who purchased duck stamps with the intention of hunting waterfowl, and 2) a waterfowl parts-collection survey.

Beginning in 1999, a new survey, the Harvest Information Program, became fully operational nationwide. In this Program, the source of participants in the survey is lists of migratory bird hunters furnished by State Fish and Wildlife Agencies, the mail-questionnaire portion of the survey was re-designed, and both the mail-questionnaire and parts-collection portions of the survey were expanded to include some other species/groups of migratory game birds as well as waterfowl. The mail-questionnaire portion of the Waterfowl Harvest Survey, which was based on duck-stamp sales, was discontinued after the 2001 hunting season.

Since the source of participants and the design of the mail questionnaire in the Harvest Information Program are different from those in the previous Waterfowl Harvest Survey, the estimates of waterfowl harvest, hunting activity, and success derived from the two surveys are not comparable. Because of this, in 2003 the estimates for 1961-2001 derived from the previous survey were removed from the annually-updated compilation of data entitled "Waterfowl Harvest and Population Survey Data" and placed in a separate compilation entitled "Estimates of Waterfowl Harvest, Hunting Activity, and Success in the United States, 1961-2001, With Emphasis on the Mississippi Flyway".

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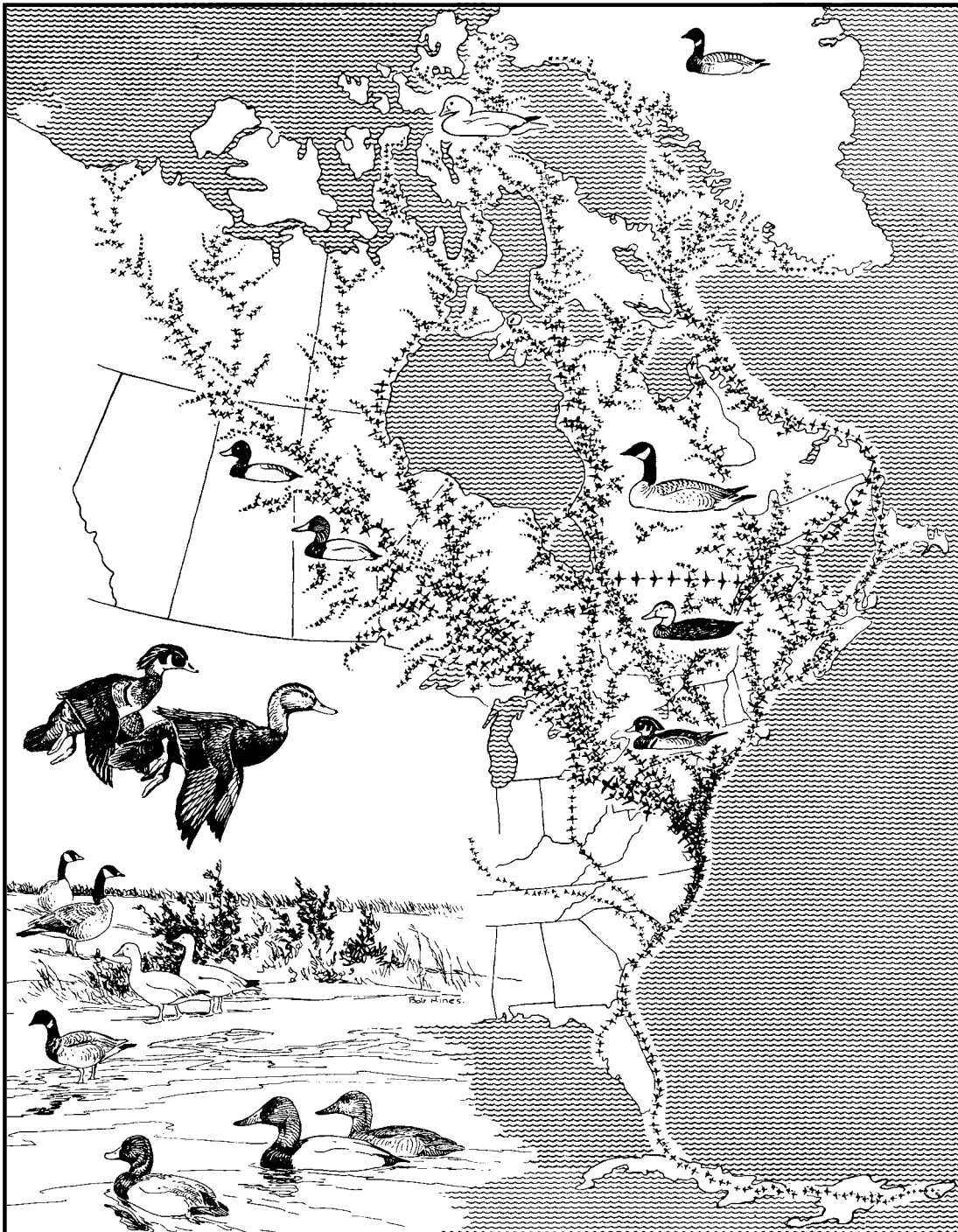
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# ATLANTIC FLYWAY



DUCK STAMP SALES IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1961	7,213	3,616	4,220	17,411	6,204	2,057	53,731	25,684	1,218	15,226	6,336	17,919	12,787	17,946	10,657	6,651	23,702	232,578
1962	8,020	3,637	4,333	17,162	7,497	1,625	50,014	27,621	1,454	18,734	5,664	18,977	14,037	20,457	10,541	5,882	20,656	236,311
1963	10,080	3,564	3,598	16,607	7,838	2,326	44,726	34,259	1,491	23,165	7,347	22,872	18,196	24,052	13,429	10,612	26,220	270,382
1964	10,997	4,292	4,721	18,255	7,834	2,196	53,917	37,855	1,263	22,312	7,815	25,588	17,332	23,579	13,039	7,732	26,029	284,756
1965	11,969	4,789	5,809	20,202	8,341	2,203	57,363	41,598	1,607	26,350	8,380	25,685	16,161	21,931	14,916	8,963	24,821	301,088
1966	13,641	5,115	6,563	22,452	9,548	2,500	67,549	43,662	1,641	26,928	9,179	28,040	19,082	24,982	16,576	10,500	28,514	336,472
1967	13,223	5,725	6,726	21,119	9,479	2,507	77,586	52,084	1,876	28,935	9,695	30,309	19,950	22,616	18,107	10,719	30,281	360,937
1968	14,696	5,884	7,656	23,758	12,005	2,961	86,492	58,055	1,799	30,384	11,055	31,629	19,003	22,204	18,896	11,228	27,057	384,762
1969	15,939	6,317	8,938	25,630	12,889	3,313	98,403	67,224	1,898	32,974	11,657	39,185	21,100	26,891	19,737	13,094	33,183	438,372
1970	18,182	7,435	9,880	29,993	15,779	3,509	108,582	81,074	2,103	35,002	12,503	37,539	22,769	31,830	21,659	14,005	44,543	496,387
1971	18,534	8,758	9,973	26,106	14,069	4,354	116,709	87,661	1,858	43,673	12,987	34,825	20,848	30,877	20,731	15,750	33,576	501,289
1972	15,750	7,982	9,094	26,070	13,165	3,618	103,526	70,657	2,066	35,980	11,549	32,320	21,480	25,341	18,224	13,059	28,383	438,264
1973	16,923	8,720	9,608	25,407	13,673	3,598	104,871	63,842	1,871	35,225	13,066	34,897	19,541	24,471	18,346	12,177	28,615	434,851
1974	18,200	8,762	10,878	26,001	14,943	3,688	95,716	69,111	1,910	36,090	13,778	39,710	20,626	29,100	20,744	13,207	26,385	448,849
1975	18,152	8,851	11,198	25,298	15,403	3,553	90,214	70,877	2,112	35,205	13,238	40,808	20,320	26,855	21,029	13,143	25,582	441,838
1976	17,458	8,067	10,879	22,934	15,005	3,583	79,882	72,686	2,081	31,888	12,429	41,559	21,544	28,224	21,861	13,513	32,340	435,933
1977	17,664	8,155	10,483	22,070	15,023	3,112	79,293	74,213	2,358	31,550	12,661	42,131	22,567	29,697	22,637	13,800	27,144	434,558
1978	18,650	8,600	10,577	21,875	16,539	3,338	83,388	76,154	2,354	31,597	12,779	45,551	23,441	29,203	23,669	14,792	28,814	451,321
1979	16,974	7,688	9,935	21,524	14,473	3,348	78,627	70,233	2,291	30,559	11,185	40,380	21,887	26,130	22,911	14,325	24,104	416,574
1980	16,473	7,683	10,186	21,291	15,188	2,481	78,335	66,115	2,337	28,288	10,293	41,270	20,458	27,306	23,303	14,901	23,373	409,281
1981	16,657	7,105	10,106	22,061	15,244	2,805	72,856	65,750	2,350	29,398	10,850	43,174	21,805	29,254	19,525	15,143	23,823	407,906
1982	14,470	7,039	9,815	20,684	14,839	2,944	71,441	65,813	2,445	27,320	10,081	43,482	21,822	30,827	20,348	16,191	23,368	402,929
1983	14,685	7,104	8,407	19,146	13,853	2,730	65,185	65,393	2,191	25,382	10,313	45,127	21,255	30,225	20,101	17,059	22,740	390,896
1984	13,634	7,763	8,976	20,222	14,589	2,845	68,857	68,785	2,143	25,845	10,962	49,224	22,845	31,412	20,726	19,024	25,014	412,866
1985	13,280	7,507	9,144	19,916	14,525	2,684	61,340	63,212	1,740	23,400	9,165	47,317	21,469	29,939	18,650	16,943	22,191	382,422
1986	13,185	7,022	9,726	21,296	14,908	2,705	66,733	62,058	2,028	23,291	9,189	44,294	21,246	30,314	19,598	18,165	22,216	387,974
1987	12,320	6,560	9,054	25,539	14,480	2,940	60,676	56,536	1,598	22,651	9,601	43,665	27,108	29,008	19,310	18,019	26,596	385,661
1988	10,461	6,091	8,256	27,577	13,087	2,931	50,557	50,931	1,298	21,357	9,493	36,692	25,745	23,209	16,148	15,098	23,595	342,526
1989	10,850	6,221	7,310	24,434	13,380	2,759	49,178	50,048	1,156	20,535	8,902	34,699	24,709	24,378	15,482	14,604	22,700	331,345
1990	11,244	6,741	7,322	22,056	13,277	2,582	49,663	49,821	1,328	20,024	8,015	34,958	24,430	23,467	15,832	15,261	20,382	326,403
1991	11,298	6,253	6,537	19,470	12,234	2,428	46,035	47,354	1,137	18,275	7,523	33,501	22,954	21,609	15,139	13,412	31,309	316,468
1992	10,128	5,216	6,175	17,363	10,598	2,126	42,521	48,777	1,055	17,255	7,380	37,564	21,203	22,119	16,182	13,586	21,084	300,332
1993	9,553	4,655	5,977	15,799	9,488	2,173	40,899	47,697	1,104	21,313	6,874	30,575	20,990	21,890	20,185	14,856	18,572	292,600
1994	9,855	4,821	5,879	15,360	10,758	2,064	42,138	48,071	1,606	16,222	8,371	31,319	22,375	24,070	17,659	16,570	19,704	296,842
1995	8,784	4,695	4,959	14,032	7,116	1,983	36,678	42,615	1,403	13,541	6,133	22,871	21,051	26,394	20,952	18,039	20,193	271,439
1996	9,251	4,812	5,239	13,793	7,436	2,016	40,558	47,922	1,603	14,096	6,591	23,196	22,838	27,903	22,331	19,357	22,887	291,829
1997	9,568	3,791	5,113	10,426	7,109	1,576	38,024	55,337	1,881	13,535	6,531	24,239	25,525	31,975	25,806	22,522	22,739	305,697
1998	10,324	4,345	5,719	10,622	4,749	1,793	40,573	52,733	1,828	13,275	3,945	26,074	23,826	29,665	24,099	20,887	21,633	296,090
1999	10,712	4,542	5,490	10,072	6,755	1,777	39,274	51,264	2,014	13,234	6,700	25,135	23,041	31,575	22,525	23,090	21,411	298,611
2000	10,790	4,741	5,132	9,105	4,293	1,603	42,184	52,492	2,107	12,313	6,568	25,965	24,944	34,413	25,110	24,231	19,802	305,793
2001	11,041	4,824	5,150	9,157	5,472	1,645	42,790	52,522	2,029	12,374	7,051	32,771	24,138	30,930	23,497	24,434	18,923	308,748
2002	10,331	5,201	4,794	9,077	6,106	1,622	39,491	51,361	1,735	11,870	7,200	33,534	25,267	34,777	23,352	23,923	20,469	310,110
2003	10,042	5,242	4,762	9,672	6,061	1,713	40,075	49,681	2,027	12,966	7,469	34,828	25,321	34,553	24,580	25,265	18,781	313,038
2004	9,167	4,723	4,581	7,903	5,782	1,669	40,029	48,371	1,674	12,206	7,282	35,114	27,595	37,856	24,289	23,520	17,123	308,884
2005	8,710	4,956	4,159	8,039	5,390	1,613	40,469	47,549	1,695	11,804	7,335	33,900	29,405	36,724	23,740	23,036	18,090	306,614
2006	6,228	3,391	3,258	5,612	3,507	1,018	32,042	46,000	1,411	8,903	6,015	31,013	23,440	36,141	25,154	22,635	18,330	274,098
2007	7,912	3,193	3,109	5,471	3,665	1,148	31,637	45,415	1,575	9,476	6,485	34,324	22,315	37,485	25,183	23,502	20,590	282,485
2008	6,275	3,391	3,106	5,657	3,696	1,156	31,241	42,056	1,490	8,678	6,316	30,897	19,350	34,631	25,837	24,024	17,686	265,489
AVERAGES:																		
61-65	9,656	3,980	4,536	17,927	7,543	2,081	51,950	33,403	1,407	21,157	7,108	22,208	15,703	21,593	12,516	7,968	24,286	265,023
66-70	15,136	6,095	7,953	24,590	11,940	2,958	87,722	60,420	1,863	30,845	10,818	33,340	20,381	25,705	18,995	11,909	32,716	403,386
71-75	17,512	8,615	10,150	25,776	14,251	3,762	102,207	72,430	1,963	37,235	12,924	36,512	20,563	27,329	19,815	13,467	28,508	453,018
76-80	17,444	8,039	10,412	21,939	15,246	3,172	79,905	71,880	2,284	30,776	11,869	42,178	21,979	28,112	22,876	14,266	27,155	429,533
81-85	14,545	7,304	9,290	20,406	14,610	2,802	67,936	65,791	2,174	26,269	10,274	45,665	21,839	30,331	19,870	16,872	23,427	399,404
86-90	11,612	6,527	8,334	24,180	13,826	2,783	55,361	53,879	1,482	21,572	9,040	38,862	24,648	26,075	17,274	16,229	23,098	354,782
91-95	9,924	5,128	5,905	16,405	10,039	2,155	41,654	46,903	1,261	17,321	7,256	31,166	21,715	23,216	18,023	15,293	22,172	295,536
96-00	10,129	4,446	5,339	10,804	6,068	1,753	40,123	51,950	1,887	13,291	6,067	24,922	24,035	31,106	23,974	22,017	21,694	299,604
01-05	9,858	4,989	4,689	8,770	5,762	1,652	40,571	49,897	1,832	12,244	7,267	34,029	26,345	34,968	23,892	24,036	18,677	309,479
06-08	6,805	3,325	3,158	5,580	3,623	1,108	31,640	44,490	1,492	9,019	6,272	32,078	21,702	36,086	25,391	23,387	18,869	274,024

ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	69,299	19,997	15,599	25,501	40,202	10,298	204,201	144,602	3,200	88,599	59,009	190,585	138,012	307,531	139,598	170,229	202,509	1,828,971
2000	85,299	17,300	14,500	29,801	28,402	10,501	203,298	157,500	6,901	82,197	51,910	199,072	146,830	262,230	178,882	160,531	156,718	1,791,872
2001	47,400	17,498	15,600	26,301	26,402	8,499	176,498	250,798	2,999	61,898	42,609	182,785	123,663	264,741	164,032	109,022	173,464	1,694,209
2002	60,401	25,900	19,300	24,698	26,898	7,100	237,998	250,400	6,301	79,000	56,750	185,610	156,309	242,380	169,362	57,911	153,759	1,760,077
2003*	78,303	16,300	18,701	24,900	28,199	11,202	211,500	124,299	4,798	66,896	62,770	195,655	152,535	199,039	182,667	124,396	105,965	1,608,125
2004*	51,800	24,300	11,003	30,098	27,398	7,400	185,700	138,099	5,597	58,400	45,385	194,199	136,368	130,504	137,013	79,812	144,590	1,407,666
2005*	58,600	25,399	14,300	33,298	25,997	10,999	194,698	132,302	4,002	65,000	44,334	151,131	138,297	270,568	163,167	93,790	165,075	1,590,957
2006*	59,400	19,601	19,398	34,598	20,201	8,501	191,800	123,400	3,600	57,302	41,561	163,255	130,831	237,878	219,555	112,905	154,038	1,597,824
2007*	54,098	16,700	14,899	23,701	32,000	11,200	228,602	195,397	8,600	73,199	50,129	145,691	149,897	217,728	152,187	96,568	187,960	1,658,556
2008*	57,232	34,803	16,000	35,401	29,100	6,398	233,000	176,600	7,399	50,700	60,643	165,105	154,898	217,613	191,526	122,701	174,142	1,733,261
2009*	47,999	25,499	27,698	30,801	16,300	7,697	206,800	125,899	6,899	66,197	45,402	141,328	134,632	213,399	242,450	154,033	164,870	1,676,916
2010*	39,061	22,931	17,306	24,191	13,608	9,746	179,884	114,243	6,685	69,193	44,888	146,335	169,828	300,102	237,495	218,608	209,243	1,823,345
2011*	31,502	23,027	19,980	35,882	10,560	2,091	173,907	81,439	6,407	35,737	40,992	119,777	141,103	271,822	216,139	220,170	242,408	1,672,946
2012*	39,891	20,511	15,871	24,272	16,879	5,413	208,861	91,797	10,345	78,265	43,096	123,095	138,071	391,300	229,450	155,502	248,393	1,841,012
2013*	35,978	31,919	19,072	17,352	19,205	9,608	222,598	97,676	6,828	72,957	40,745	133,234	139,494	277,541	159,619	113,510	203,238	1,600,574
2014*	21,587	17,815	13,335	20,905	13,498	4,181	182,942	72,796	1,809	52,545	32,269	94,821	141,290	358,712	197,919	122,415	178,251	1,527,084
2015*	13,617	14,718	9,630	22,172	11,616	6,013	136,082	69,435	5,832	43,759	27,074	88,532	119,318	309,165	136,054	116,633	170,629	1,300,285
AVERAGES:																		
99-00	77,299	18,649	15,050	27,651	34,302	10,400	203,750	151,051	5,051	85,398	55,460	194,829	142,421	284,881	159,240	165,380	179,614	1,810,422
01-05	59,301	21,879	15,781	27,859	26,979	9,040	201,279	179,180	4,739	66,239	50,370	181,876	141,434	221,446	163,248	92,986	148,571	1,612,207
06-10	51,558	23,907	19,060	29,738	22,242	8,708	208,017	147,108	6,637	63,318	48,525	152,343	148,017	237,344	208,643	140,963	178,051	1,694,180
11-15	28,515	21,598	15,578	24,117	14,352	5,461	184,878	82,629	6,244	56,653	36,835	111,892	135,855	321,708	187,836	145,646	208,584	1,588,380

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	11,119	6,533	6,809	7,856	17,293	2,256	87,925	69,894	1,359	23,389	10,253	50,992	49,463	38,491	34,076	25,680	679	444,067
2000	11,023	8,287	6,304	9,871	11,955	3,597	100,071	86,910	2,692	27,003	12,750	72,201	55,928	63,526	29,492	20,852	505	522,967
2001	8,222	9,168	5,919	6,742	11,768	1,438	81,685	126,961	1,548	16,118	15,198	69,505	43,272	39,930	21,408	12,327	1,471	472,680
2002	13,668	14,052	7,409	9,294	13,619	988	108,463	125,723	3,262	20,938	19,880	62,835	59,553	44,316	23,562	10,536	748	538,846
2003*	12,025	6,819	7,050	7,375	11,672	2,099	88,900	60,298	2,485	13,683	21,495	77,441	42,988	25,329	32,488	15,013	143	427,303
2004*	12,218	10,882	5,185	9,245	11,877	1,409	85,379	71,594	3,104	15,789	21,054	69,754	40,967	30,523	22,480	10,200	345	422,005
2005*	16,855	10,689	5,934	10,717	13,857	2,155	79,593	66,496	1,374	20,143	18,501	50,749	53,538	63,049	24,817	5,015	822	444,304
2006*	12,231	7,987	6,212	10,291	10,056	2,135	83,448	65,495	1,502	15,824	13,679	54,254	39,942	32,467	35,874	6,594	1,660	399,651
2007*	12,733	7,640	5,985	7,171	15,686	2,580	92,049	92,323	4,241	20,301	16,201	41,217	47,541	32,889	26,790	3,211	1,360	429,918
2008*	11,265	17,066	4,569	11,358	13,153	1,641	114,402	94,187	4,453	14,427	22,625	61,634	58,586	39,742	25,192	8,863	316	503,479
2009*	12,711	10,117	11,240	8,458	6,310	1,518	91,290	56,316	3,816	20,369	17,987	49,563	38,940	36,753	34,504	19,080	308	419,279
2010*	8,379	6,977	5,913	5,897	5,236	2,233	73,353	50,672	4,027	18,369	15,084	36,614	60,045	32,952	33,590	34,323	764	394,429
2011*	7,441	9,634	4,893	9,861	3,890	512	70,311	40,893	3,105	5,708	11,225	32,541	34,891	36,525	24,754	18,491	1,223	315,897
2012*	14,042	9,808	4,818	5,054	6,745	635	86,131	37,947	6,063	12,344	10,736	24,475	25,265	41,529	19,780	17,983	1,358	324,713
2013*	10,221	12,659	5,780	4,994	6,754	1,477	91,543	38,476	3,750	15,480	10,840	35,093	33,191	24,439	18,052	14,116	1,164	328,029
2014*	9,150	8,268	3,860	5,501	5,316	517	78,181	28,741	968	10,037	11,990	30,618	41,274	34,163	18,107	6,907	464	294,063
2015*	4,159	5,700	3,635	4,856	2,630	1,347	50,706	28,923	2,917	9,155	7,914	27,889	37,150	34,770	19,234	8,604	523	250,114
AVERAGES:																		
99-00	11,071	7,410	6,557	8,864	14,624	2,927	93,998	78,402	2,026	25,196	11,502	61,597	52,696	51,009	31,784	23,266	592	483,517
01-05	12,598	10,322	6,299	8,675	12,559	1,618	88,804	90,214	2,355	17,334	19,226	66,057	48,064	40,629	24,951	10,618	706	461,028
06-10	11,464	9,957	6,784	8,635	10,088	2,021	90,908	71,799	3,608	17,858	17,115	48,656	49,011	34,961	31,190	14,414	882	429,351
11-15	9,003	9,214	4,597	6,053	5,067	898	75,374	34,996	3,361	10,545	10,541	30,123	34,354	34,285	19,985	13,220	946	302,563

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON BLACK DUCK HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	11,895	1,884	1,724	3,955	5,731	2,211	18,595	7,104	29	16,506	4,472	8,537	10,284	5,952	1,432	1,588	97	101,996
2000	9,073	2,124	2,364	5,315	3,812	2,079	23,359	9,612	682	13,092	7,153	18,135	10,740	6,205	1,654	571	126	116,096
2001	6,154	1,930	1,697	4,039	3,227	1,033	18,180	13,899	113	13,617	3,192	14,033	9,104	3,464	1,880	193	134	95,889
2002	8,436	3,108	2,483	4,363	2,594	882	26,367	15,307	512	12,650	6,288	20,806	15,226	4,780	1,316	227	125	125,470
2003*	5,045	1,794	2,572	2,711	4,499	1,215	19,985	7,039	404	12,820	5,652	15,837	9,682	4,852	506	495	0	95,108
2004*	5,765	1,923	1,131	1,809	3,085	1,075	15,438	5,572	578	8,187	4,211	15,977	7,102	2,392	674	0	0	74,919
2005*	7,623	2,319	1,601	3,119	3,615	1,459	23,714	7,125	214	10,982	5,438	11,401	9,260	4,309	977	251	0	93,407
2006*	5,387	1,473	1,882	4,671	2,970	1,466	20,973	8,024	199	12,085	6,298	14,039	7,237	5,517	1,135	0	0	93,356
2007*	4,983	1,213	1,512	3,863	3,390	2,293	22,656	12,065	589	12,774	5,849	10,506	10,924	4,126	1,964	0	0	98,707
2008*	4,683	2,224	1,194	5,200	3,298	974	21,238	7,903	295	7,266	7,283	12,586	11,079	3,102	1,214	554	105	90,198
2009*	5,364	1,721	3,710	4,520	1,702	1,029	17,929	5,059	392	9,940	6,058	10,851	8,105	3,315	1,389	0	205	81,287
2010*	3,377	2,031	1,806	2,683	1,486	1,258	17,250	7,370	771	11,767	8,185	12,526	12,914	5,231	2,365	1,056	127	92,204
2011*	2,133	1,359	2,021	4,511	653	384	15,877	4,713	394	8,592	3,227	7,962	9,844	3,845	688	0	0	66,203
2012*	3,347	2,206	1,559	2,179	1,647	1,069	16,758											



ESTIMATES OF ALL-SEASON GREEN-WINGED TEAL HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	12,929	5,130	1,592	1,389	4,927	406	22,535	9,281	117	15,168	28,360	41,186	11,386	37,301	16,895	8,207	24,743	241,552
2000	8,818	2,357	788	1,279	1,559	160	12,153	6,008	114	15,956	19,514	25,276	9,299	29,695	25,358	10,997	21,451	190,782
2001	2,856	1,222	716	1,307	1,234	327	12,618	7,496	0	11,950	12,908	25,949	11,032	23,156	18,081	6,742	11,502	149,096
2002	8,062	1,859	1,322	1,265	567	255	15,119	11,905	288	13,211	10,480	17,251	5,589	28,941	15,549	4,700	22,197	158,560
2003*	5,248	2,123	1,207	2,033	522	331	14,153	7,132	85	9,946	18,438	16,336	10,921	22,126	12,515	4,619	9,419	137,154
2004*	2,750	2,495	754	1,156	1,080	74	10,654	4,967	122	7,708	7,742	22,732	11,606	8,992	17,422	3,758	10,956	114,968
2005*	3,077	2,718	1,162	1,095	1,054	133	11,583	6,135	31	5,408	4,907	13,373	8,171	25,401	15,438	4,263	16,725	120,674
2006*	4,309	3,286	1,176	2,482	849	223	14,327	6,398	133	7,533	9,480	12,017	11,268	28,647	21,116	9,592	21,778	154,614
2007*	6,145	2,452	1,126	1,409	2,444	287	17,215	11,409	275	10,664	9,709	13,133	5,361	20,511	21,741	7,656	25,501	157,038
2008*	7,872	4,336	1,090	1,313	2,224	137	14,103	9,999	98	7,214	11,361	16,288	10,140	27,044	18,970	1,108	15,611	148,908
2009*	4,923	3,285	1,091	1,485	922	73	11,823	6,491	26	7,822	5,685	13,051	7,665	23,397	26,167	10,238	11,491	135,634
2010*	3,189	2,588	1,219	1,466	526	31	8,783	5,144	43	7,873	10,290	7,949	5,850	47,075	18,687	7,393	20,377	148,482
2011*	2,042	2,199	957	1,836	505	53	12,990	3,951	197	5,648	10,804	5,366	5,483	22,300	17,190	7,740	12,842	112,102
2012*	2,328	2,415	1,134	666	932	33	13,424	4,092	0	6,624	11,698	5,396	13,665	28,632	11,341	9,873	12,430	124,683
2013*	4,609	4,200	1,126	476	747	98	10,728	5,851	372	5,863	8,822	6,596	8,000	22,101	14,885	9,459	9,179	113,113
2014*	1,525	1,492	698	703	365	18	10,131	2,540	25	4,310	3,851	4,515	5,078	39,255	20,796	11,022	7,074	113,397
2015*	1,242	1,745	112	1,324	779	55	9,566	2,969	0	5,186	7,072	7,591	6,058	19,356	15,557	7,170	3,559	89,342
AVERAGES:																		
99-00	10,874	3,744	1,190	1,334	3,243	283	17,344	7,645	116	15,562	23,937	33,231	10,343	33,498	21,127	9,602	23,097	216,167
01-05	4,399	2,083	1,032	1,371	891	224	12,825	7,527	105	9,645	10,895	19,128	9,464	21,723	15,801	4,816	14,160	136,090
06-10	5,288	3,189	1,140	1,631	1,393	150	13,250	7,888	115	8,221	9,305	12,488	8,057	29,335	21,336	7,197	18,952	148,935
11-16	2,349	2,410	805	1,001	666	51	11,368	3,881	119	5,526	8,449	5,893	7,657	26,329	15,954	9,053	9,017	110,527

\* - PRELIMINARY

ESTIMATES OF ALL-SEASON BLUE-WINGED TEAL HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	948	361	133	0	101	135	2,709	917	102	191	1,963	5,768	490	5,555	8,877	4,236	49,390	81,876
2000	170	78	79	0	0	0	1,465	300	265	82	1,788	2,040	1,179	3,693	10,336	2,714	54,006	78,195
2001	492	32	38	0	0	26	1,411	1,874	145	208	694	6,090	964	6,746	6,075	5,971	41,594	72,362
2002	160	53	40	0	0	11	803	1,308	128	62	381	1,882	385	2,972	4,545	1,592	47,012	61,335
2003*	459	30	0	0	0	0	996	741	64	57	463	1,247	542	2,135	4,804	3,795	30,540	45,873
2004*	0	245	0	0	0	0	1,087	121	30	0	407	1,039	173	2,576	8,542	3,758	55,990	73,970
2005*	909	652	94	66	0	0	2,035	1,880	61	331	133	1,886	1,245	3,175	14,265	3,762	46,653	77,147
2006*	317	227	94	0	0	0	443	325	88	0	271	1,785	733	2,334	8,174	8,193	47,606	70,590
2007*	277	52	32	43	39	36	1160	1049	275	57	234	707	405	2122	11361	5433	66371	89,652
2008*	611	56	0	0	0	0	913	323	65	0	0	2591	751	485	6526	277	59907	72,505
2009*	367	313	109	0	0	0	1066	1623	26	81	373	3959	1233	2535	15978	8842	77973	114,479
2010*	813	262	181	31	0	126	950	537	43	0	117	1,927	2,870	4,054	16,085	4,752	86,601	119,348
2011*	681	200	53	262	30	0	4,536	1,178	296	60	281	2,250	3,489	6,728	20,628	17,201	76,562	134,436
2012*	873	149	142	121	0	0	1,622	1,302	0	301	481	0	2,542	11,607	9,231	9,168	71,029	108,568
2013*	1,202	720	150	53	36	0	1,671	397	68	235	299	396	1,189	5,738	3,484	9,605	50,422	75,663
2014*	508	43	0	0	0	0	2,354	435	13	109	0	82	865	6,735	2,868	735	28,066	42,811
2015*	62	233	0	49	97	0	602	670	139	0	168	413	1,247	1,792	6,789	21,032	55,690	88,984
AVERAGES:																		
99-00	559	219	106	0	50	68	2,087	609	184	137	1,876	3,904	834	4,624	9,606	3,475	51,698	80,036
01-05	404	203	34	13	0	7	1,267	1,185	86	132	416	2,429	662	3,521	7,646	3,775	44,358	66,137
06-10	477	182	83	15	8	32	906	772	99	28	199	2,194	1,198	2,306	11,625	5,500	67,692	93,315
11-15	665	269	69	97	33	0	2,157	796	103	141	246	628	1,866	6,520	8,600	11,548	56,354	90,092

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON WOOD DUCK HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	6,465	2,685	2,874	2,592	4,725	948	25,737	36,322	1,359	5,863	5,890	17,420	15,427	98,543	49,825	97,955	16,884	391,514
2000	11,023	2,383	1,931	2,318	1,790	533	23,962	38,949	2,502	4,828	3,499	10,881	16,241	80,515	64,911	90,405	21,451	378,122
2001	7,681	2,509	4,185	3,000	4,840	261	27,477	73,241	1,081	5,002	5,205	18,402	21,315	84,601	62,344	62,793	16,049	399,986
2002	6,353	1,674	4,165	2,923	4,296	138	26,732	61,488	1,855	4,175	6,224	14,010	19,369	71,190	86,954	26,303	9,353	347,202
2003*	3,822	1,824	3,779	2,711	3,586	700	21,265	27,416	1,550	4,599	7,227	14,840	20,061	55,607	89,375	74,076	4,496	336,934
2004*	4,231	4,336	2,805	3,165	2,545	371	20,439	27,741	1,491	3,562	3,939	11,821	18,968	31,843	68,226	51,537	7,419	264,439
2005*	6,224	3,805	3,359	2,887	2,460	265	21,444	28,597	2,168	4,194	1,525	10,630	16,886	66,678	78,751	65,452	6,455	321,780
2006*	5,577	3,824	6,259	4,124	2,461	223	16,468	21,579	1,480	3,902	2,776	10,827	13,467	73,422	101,945	54,554	7,835	330,722
2007*	5,425	3,123	3,668	1,814	2,562	179	25,510	37,375	2,788	6,558	5,088	10,506	27,311	76,270	58,910	61,743	6,120	334,952
2008*	3,461	6,560	5,554	3,029	2,377	154	19,993	38,866	1,899	6,002	3,496	7,588	19,996	56,704	91,663	89,184	7,383	363,909
2009*	7,641	4,589	7,203	1,550	2,092	416	21,805	41,808	1,934	10,103	2,703	11,731	15,329	56,055	99,343	64,685	7,284	356,270
2010*	8,567	5,077	4,514	1,654	1,623	818	13,373	31,785	1,028	10,243	1,637	7,467	16,225	82,511	113,779	135,707	12,354	448,363
2011*	5,989	4,797	5,159	4,458	1,544	128	20,207	16,427	1,676	3,785	5,472	10,905	18,941	88,430	88,931	129,007	10,151	416,006
2012*	6,694	3,279	4,322	2,452	870	0	18,830	22,136	1,873	9,534	5,769	12,719	20,498	119,686	116,308	86,389	13,370	444,727
2013*	6,547	5,040	6,681	2,563	2,204	320	22,600	22,511	946	5,942	4,411	14,776	17,190	77,354	72,050	60,247	4,137	325,518
2014*	3,241	3,452	5,674	2,358	1,380	89	20,364	19,015	255	4,746	4,814	12,477	23,878	117,436	98,961	72,596	10,670	401,405
2015*	3,166	4,188	4,310	5,494	1,266	302	19,199	18,101	2,083	3,969	1,936	6,271	16,125	100,725	48,935	71,223	9,945	317,238
AVERAGES:																		
99-00	8,744	2,534	2,402	2,455	3,258	740	24,850	37,636	1,931	5,346	4,694	14,151	15,834	89,529	57,368	94,180	19,168	384,818
01-05	5,662	2,830	3,658	2,937	3,546	347	23,471	43,697	1,629	4,306	4,824	13,940	19,320	61,984	77,130	56,032	8,754	334,068
06-10	6,134	4,635	5,440															

ESTIMATES OF CANADA GOOSE HARVESTS IN THE ATLANTIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	3,300	3,298	4,500	11,933	20,348	3,300	80,400	151,618	5,455	18,622	5,032	27,773	34,697	29,086	10,000	12,500	1,040	422,902
2000	10,545	3,738	5,200	11,300	20,066	3,165	89,581	111,159	3,675	25,603	2,752	29,949	47,332	29,477	11,100	12,175	0	416,818
2001	5,165	4,367	3,809	11,777	18,100	3,700	91,481	219,729	4,900	22,638	10,896	152,373	53,868	46,035	16,000	26,100	1,200	692,137
2002	10600	6450	6265	12800	21360	3600	108679	214010	5100	29942	21076	115320	67827	38259	27600	21100	0	709,988
2003*	9,637	3,630	5,257	12,874	18,661	5,000	96,750	188,183	4,200	26,046	11,703	131,431	62,578	41,859	14,800	25,300	0	657,910
2004*	7000	7127	3200	15200	20400	4378	109305	167600	7400	24559	14003	141974	54983	17999	16961	21200	0	633,289
2005*	7,826	9,341	5,300	12,649	20,900	3,086	119,980	180,943	3,900	24,183	19,029	170,034	61,444	73,200	27,600	35,100	0	774,515
2006*	9,800	7,750	6,714	13,080	13,971	5,300	113,856	160,553	2,485	27,520	12,816	152,686	47,817	43,300	27,100	14,900	2,800	662,449
2007*	9,100	6,298	6,500	10,969	18,600	5,100	138,122	276,047	6,660	34,565	21,996	161,935	63,289	54,361	24,800	22,400	0	860,743
2008*	13,800	12,261	7,000	13,135	22,839	4,066	163,338	231,590	4,700	30,352	28,637	213,678	72,232	46,474	23,774	32,100	0	919,976
2009*	4,700	11,525	11,400	16,500	9,075	2,800	171,956	161,933	7,000	47,312	24,873	162,973	63,700	50,006	32,700	73,315	2,500	854,268
2010*	9,194	9,644	5,829	12,553	8,807	4,165	127,613	153,257	6,478	52,669	34,251	200,873	71,131	54,624	19,337	23,739	2,063	796,228
2011*	3,717	8,277	7,955	15,029	9,521	2,931	126,605	75,107	3,689	11,548	12,686	111,369	60,721	29,843	17,250	34,381	0	530,630
2012*	9,516	8,566	4,824	10,806	7,912	1,531	135,868	104,019	5,763	36,046	14,571	175,716	51,735	73,676	39,744	15,406	0	695,699
2013*	8,759	9,591	6,022	7,107	8,648	4,715	136,230	103,934	4,885	51,666	17,894	152,535	57,812	55,906	17,170	32,157	0	675,031
2014*	8,943	12,322	5,829	7,504	11,439	5,512	138,297	106,885	2,450	29,703	17,807	113,968	45,271	37,267	35,812	51,768	0	630,777
2015*																		
AVERAGES:																		
99-00	6,922	3,518	4,850	11,616	20,207	3,232	84,991	131,388	4,565	22,112	3,892	28,861	41,014	29,281	10,550	12,338	520	419,860
01-05	8,046	6,183	4,766	13,060	19,884	3,953	105,239	194,093	5,100	25,474	15,341	142,226	60,140	43,470	20,592	25,760	240	693,568
06-10	9,319	9,495	7,489	13,247	14,658	4,286	142,977	196,676	5,465	38,483	24,515	178,429	63,634	49,753	25,542	33,291	1,473	818,733
11-15	7,734	9,689	6,158	10,112	9,380	3,672	134,250	97,486	4,197	32,241	15,740	138,397	53,885	49,173	27,494	33,428	0	633,034

\* - PRELIMINARY

DF 9/16/16

NUMBERS OF BLACK DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF TOTAL
1955	11,300	0	1,400	18,800	3,800	5,900	32,000	29,400	800	97,000	25,400	223,700	58,300	40,600	17,500	1,000	15,600	582,500
1956	7,900	0	500	19,100	4,800	5,500	33,900	15,800	3,900	64,700	27,600	149,100	42,000	22,000	18,300	1,100	8,800	425,000
1957	8,400	0	1,100	25,500	4,000	10,100	31,100	8,100	2,400	95,600	18,800	133,300	47,600	13,800	11,100	1,500	7,400	419,800
1958	6,200	0	1,800	19,400	4,800	9,100	39,600	8,500	3,300	59,000	11,800	49,500	19,800	26,400	10,500	2,900	5,100	277,700
1959	10,800	0	300	14,500	2,900	5,900	28,900	5,300	6,700	47,800	12,600	58,000	20,600	21,800	64,100	4,000	5,500	309,700
1960	20,900	0	1,400	23,000	10,300	7,600	49,900	14,200	1,100	76,200	23,800	62,800	33,400	16,000	27,800	1,100	4,500	374,000
1961	20,800	0	1,400	23,300	7,200	3,900	36,700	3,700	1,200	45,600	31,000	63,000	28,100	13,300	32,800	3,800	4,900	320,700
1962	23,000	0	3,700	29,800	8,500	10,200	45,800	5,200	1,500	41,100	25,700	67,300	26,600	13,300	30,600	1,700	3,500	337,500
1963	19,900	0	2,000	25,100	8,300	10,800	29,500	6,700	5,200	44,600	10,100	46,000	21,700	16,100	75,100	2,600	1,500	325,200
1964	17,400	0	2,900	28,400	10,900	9,500	32,700	5,200	4,100	70,000	24,600	61,700	28,200	25,300	41,400	1,900	2,100	366,300
1965	20,100	400	2,300	32,300	4,900	4,300	30,600	6,700	800	81,700	32,500	45,800	13,200	19,200	31,900	400	2,700	329,800
1966	18,500	400	1,800	22,400	2,700	6,600	24,000	7,900	2,200	56,900	19,200	82,300	14,800	11,000	31,000	400	2,700	304,800
1967	22,300	400	1,400	25,800	4,700	4,600	29,700	2,900	1,900	55,300	16,000	57,600	18,500	13,400	31,400	600	1,000	287,500
1968	23,300	200	1,300	29,500	4,200	5,900	33,600	2,800	2,200	59,300	17,200	80,600	20,700	22,000	32,300	600	900	336,600
1969	26,200	200	3,200	30,600	7,100	5,500	32,500	4,700	1,200	62,200	9,600	67,600	26,100	30,400	18,800	2,000	2,800	330,700
1970	26,300	200	3,000	17,200	8,000	4,400	26,400	4,800	700	68,700	5,800	54,300	16,100	23,400	22,800	1,400	1,100	284,600
1971	21,000	300	2,000	9,000	9,300	6,400	29,900	8,700	300	78,300	4,400	32,300	12,500	19,200	22,800	1,800	1,000	259,200
1972	23,500	300	2,800	24,600	5,800	3,800	23,100	10,100	1,100	81,700	14,300	30,800	15,300	17,500	13,000	1,100	1,000	269,800
1973	24,200	200	2,400	19,200	3,500	4,200	28,700	9,300	1,400	67,100	16,900	40,700	24,800	20,600	11,200	700	500	275,600
1974	30,700	TR	2,800	22,300	3,300	3,400	25,000	3,100	1,300	60,000	12,100	28,900	24,900	20,500	7,400	300	700	246,700
1975	30,800	200	800	16,000	2,600	1,400	19,000	6,300	600	81,900	9,400	18,800	17,100	23,400	9,700	400	600	239,000
1976	17,400	TR	1,300	17,800	7,200	1,800	20,700	7,600	800	97,700	16,700	23,100	21,900	29,900	15,900	600	1,500	281,900
1977	10,600	TR	400	19,700	4,200	3,600	25,600	3,400	800	44,100	25,100	35,200	36,800	33,100	18,000	800	500	261,900
1978	17,500	TR	100	30,700	4,100	2,000	18,800	6,700	0	60,800	27,500	22,800	38,500	26,700	12,200	300	700	269,400
1979	13,300	200	200	13,900	7,600	3,300	13,000	4,600	900	80,900	18,000	26,700	24,600	18,800	8,700	900	500	236,100
1980	13,600	300	1,100	20,500	4,500	3,000	17,500	7,000	900	61,700	9,200	18,900	31,100	8,500	5,200	400	400	203,800
1981	6,900	TR	300	24,700	5,300	2,400	17,900	3,200	5,200	69,300	9,900	30,100	38,100	21,100	4,600	1,100	800	240,900
1982	16,400	0	2,100	23,000	6,700	2,100	19,700	7,400	2,300	61,100	6,300	19,300	38,600	24,700	5,200	3,600	200	238,700
1983	11,500	700	1,900	16,300	3,400	2,700	20,500	3,500	1,000	78,000	13,900	14,400	22,500	7,400	2,400	800	400	201,300
1984	11,800	200	800	20,400	6,300	3,000	18,900	4,400	2,000	84,100	11,000	16,900	26,700	10,000	9,500	400	100	226,500
1985	7,600	TR	1,100	23,100	8,100	3,100	21,700	3,700	1,000	82,000	13,900	17,200	23,600	8,900	5,700	300	200	221,200
1986	9,000	200	300	21,800	3,100	3,200	14,600	9,100	1,400	75,900	9,700	21,500	36,700	12,400	6,700	100	200	225,900
1987	12,300	TR	800	20,600	3,800	2,000	12,700	2,200	700	81,800	9,700	20,600	19,600	7,700	3,000	300	100	197,900
1988	8,100	100	1,000	19,000	4,400	1,700	28,900	900	1,100	84,700	8,500	21,100	29,800	12,100	4,500	400	300	226,600
1989	11,900	100	1,500	21,200	4,400	2,000	29,600	6,500	400	89,100	9,900	23,900	19,100	17,000	3,700	300	100	240,700
1990	9,800	100	500	18,400	2,800	1,400	24,900	5,900	800	82,800	11,300	15,800	25,200	16,000	11,400	200	100	227,400
1991	16,316	47	786	19,033	3,331	1,769	23,709	2,847	352	91,700	12,200	22,290	25,204	8,837	4,032	27	22	232,502
1992	15,022	50	655	23,830	3,909	1,745	22,775	4,127	343	77,210	8,942	19,285	13,761	6,816	2,975	45	65	201,555
1993	17,776	168	1,062	22,608	3,685	2,079	27,642	5,351	664	60,082	13,722	18,751	23,850	12,961	1,584	114	76	212,175
1994	9,796	92	2,075	26,315	4,204	1,109	16,160	1,923	1,048	75,819	12,964	21,566	21,751	18,613	2,199	24	51	215,709
1995	20,379	214	1,846	23,330	3,933	1,107	17,513	5,204	639	80,124	11,594	20,766	22,346	8,201	1,782	171	13	219,162
1996	15,848	33	2,075	20,965	2,870	1,295	19,377	1,236	2,831	83,914	9,370	22,292	21,681	7,635	1,452	8	58	212,940
1997	14,597	117	573	26,365	3,017	1,091	19,694	2,365	539	77,678	9,037	25,330	15,797	6,742	1,323	27	5	204,297
1998	24,027	215	2,352	18,138	950	1,293	18,924	5,098	810	73,660	9,937	20,737	18,199	7,047	1,071	6	0	202,464
1999	32,600	847	264	21,345	3,280	1,849	22,717	2,185	2,053	95,610	14,049	30,268	34,453	9,062	709	57	0	271,348
2000	20,666	853	1,529	21,520	3,070	3,842	23,063	3,878	773	81,075	9,480	25,936	18,753	8,068	1,070	26	17	223,619

Continued on next page

NUMBERS OF BLACK DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF TOTAL
Continued from previous page																		
2001	12,971	392	882	15,120	2,277	2,917	20,555	1,570	6,245	86,025	12,175	33,359	22,965	11,336	775	109	8	229,681
2002	21,368	1,373	2,292	21,343	884	3,385	28,529	2,436	1,615	115,280	9,301	22,389	17,217	6,855	961	64	6	255,298
2003	17,283	693	883	22,162	1,038	2,770	16,100	1,770	492	108,333	12,284	22,523	11,333	5,976	894	34	6	224,574
2004	10,799	142	829	9,954	2,150	640	16,804	1,834	393	92,775	7,974	31,682	22,414	7,378	580	70	10	206,428
2005	14,027	144	234	16,790	1,155	1,926	11,794	2,668	1,112	79,245	8,588	23,563	16,598	5,369	804	38	NO SURVEY	184,055
2006	16,631	46	408	17,465	1,983	3,776	11,127	1,825	420	91,270	8,254	13,279	18,385	4,757	998	29	NO SURVEY	190,653
2007	20,303	NO SURVEY	275	20,886	1,141	1,543	14,555	826	125	88,750	4,984	13,825	13,114	7,199	545	0	NO SURVEY	188,071
2008	19,099	6	265	18,491	2,041	1,757	15,060	1,660	322	136,520	8,547	22,952	15,355	8,551	NO SURVEY	0	NO SURVEY	250,626
2009	12,419	189	905	19,367	2,872	1,344	11,930	1,415	278	78,905	9,372	24,881	13,953	7,730	1,296	8	NO SURVEY	186,864
2010	15,587	227	996	18,599	3,165	1,595	11,825	1,071	776	74,705	11,725	22,467	29,037	10,012	1,233	10	NO SURVEY	203,030
2011	15,302	139	845	16,589	3,463	1,816	12,032	1,412	789	62,220	5,585	22,923	17,288	7,593	103	0	NO SURVEY	168,099
2012	18,977	235	839	30,591	2,092	1,937	9,738	713	293	96,345	6,507	27,678	16,407	9,591	1,601	7	NO SURVEY	223,551
2013	15,569	472	450	18,625	3,050	2,225	16,076	1,331	740	96,920	9,177	22,480	12,232	8,189	659	0	NO SURVEY	208,195
2014	11,106	NO SURVEY	1,075	21,986	4,842	5,472	24,383	92	2,361	113,695	9,598	39,281	20,360	14,086	676	20	NO SURVEY	269,033
2015	13,696	NO SURVEY	3,024	18,509	4,810	6,675	25,570	262	2,259	108,825	8,258	30,925	29,274	8,948	1,429	2	NO SURVEY	262,466
2016*	NO SURVEY	NO SURVEY	NO SURVEY	0	0	2,362	0	916		45,897	8,216	19,218	0	0	0	0	NO SURVEY	76,609
AVERAGES:																		
55-60	10,917	0	1,083	20,050	5,100	7,350	35,900	13,550	3,033	73,383	20,000	112,733	36,950	23,433	24,883	1,933	7,817	398,117
61-65	20,240	80	2,460	27,780	7,960	7,740	35,060	5,500	2,560	56,600	24,780	56,760	23,560	17,440	42,360	2,080	2,940	335,900
66-70	23,320	280	2,140	25,100	5,340	5,400	29,240	4,620	1,640	60,480	13,560	68,480	19,240	20,040	27,260	1,000	1,700	308,840
71-75	26,040	250	2,160	18,220	4,900	3,840	25,140	7,500	940	73,800	11,420	30,300	18,920	20,240	12,820	860	760	258,060
76-80	14,480	250	620	20,520	5,520	2,740	19,120	5,860	680	69,040	19,300	25,340	30,580	23,400	12,000	600	720	250,620
81-85	10,840	300	1,240	21,500	5,960	2,660	19,740	4,440	2,300	74,900	11,000	19,580	29,900	14,420	5,480	1,240	340	225,720
86-90	10,220	125	820	20,200	3,700	2,060	22,140	4,920	880	82,860	9,820	20,580	26,080	13,040	5,860	260	160	223,700
91-95	15,858	114	1,285	23,023	3,812	1,562	21,560	3,890	609	76,987	11,884	20,532	21,382	11,086	2,514	76	45	216,221
96-00	21,548	413	1,359	21,667	2,637	1,874	20,755	2,952	1,401	82,387	10,375	24,913	21,777	7,711	1,125	25	16	222,934
01-05	15,290	549	1,024	17,074	1,501	2,328	18,756	2,056	1,971	96,332	10,064	26,703	18,105	7,383	803	63	8	220,007
06-10	16,808	117	570	18,962	2,240	2,003	12,899	1,359	384	94,030	8,576	19,481	17,969	7,650	1,018	9	NO SURVEY	203,849
11-15	15,308	268	841	21,278	3,322	2,609	14,811	924	992	88,777	8,518	26,966	19,065	9,894	854	7	NO SURVEY	214,382

\* Only DE, GA, MD, and RI counted all birds during MWS. NJ, NY, NC, PA, CT, MA, SC and VA counted ATBR and TUSW only. All other states did not conduct a survey.

# MISSISSIPPI FLYWAY



DUCK STAMP SALES IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1961	85,251	89,848	64,628	41,147	63,435	20,862	24,853	39,118	6,337	19,037	15,020	44,732	7,128	5,749	527,145
1962	78,071	73,141	49,610	30,602	42,256	15,965	20,057	27,016	4,488	9,549	8,066	39,766	7,102	6,292	411,981
1963	111,844	94,213	70,094	37,166	53,125	16,831	23,818	34,021	5,725	18,352	15,261	66,556	13,292	11,369	571,667
1964	128,764	104,522	79,268	37,668	53,229	16,945	25,192	38,392	7,146	34,838	21,598	86,162	16,221	13,846	663,791
1965	125,752	105,767	75,348	39,941	56,425	17,188	26,065	36,905	7,040	21,969	16,731	81,322	13,326	12,691	636,470
1966	151,415	108,833	84,967	47,438	66,180	19,880	31,176	41,033	8,445	35,625	23,909	105,398	18,604	15,865	758,768
1967	157,937	110,479	95,187	52,269	75,430	22,579	30,175	51,879	9,201	38,517	25,027	108,682	20,065	16,370	813,797
1968	140,934	105,114	88,742	45,753	59,403	22,048	28,911	42,268	7,545	27,879	21,880	90,278	17,053	13,937	711,745
1969	144,562	122,291	101,562	54,807	69,706	25,036	35,841	50,487	7,851	34,211	23,104	105,274	21,358	14,498	810,588
1970	173,877	151,524	131,404	65,822	83,982	29,352	43,508	58,452	10,608	56,108	28,123	129,046	26,526	16,933	1,005,265
1971	179,624	160,435	111,785	68,401	82,706	32,769	45,564	59,435	11,390	55,656	33,677	120,165	28,702	12,909	1,003,218
1972	155,928	138,045	100,853	57,907	81,062	24,336	38,481	59,203	10,435	50,861	27,367	109,988	23,323	14,985	892,774
1973	125,654	121,524	103,886	57,196	77,699	25,398	36,994	53,209	10,576	46,924	32,119	99,511	23,462	12,759	826,911
1974	146,074	134,389	104,805	60,446	80,002	26,280	40,064	58,377	12,112	53,882	34,844	103,168	25,037	12,537	892,017
1975	163,716	146,925	103,893	58,791	66,251	24,026	41,819	59,105	13,066	58,275	26,613	110,006	30,618	13,630	916,734
1976	125,037	137,575	84,745	55,449	66,655	15,939	41,823	59,601	14,189	59,284	26,854	122,861	29,383	15,529	854,924
1977	150,805	142,536	72,096	57,143	66,065	15,215	38,412	61,325	14,905	54,919	29,575	122,349	30,282	16,437	872,064
1978	155,387	118,107	65,055	56,259	67,805	15,364	39,483	60,718	16,036	56,892	29,213	125,301	27,164	16,072	848,856
1979	159,068	105,038	62,187	49,845	66,582	15,757	37,833	51,755	15,506	51,801	26,992	126,915	26,784	11,988	808,051
1980	158,311	109,425	56,495	47,008	63,024	15,073	37,914	46,097	14,281	50,508	24,399	127,351	25,887	11,463	787,236
1981	142,345	98,758	49,261	41,648	60,960	14,965	36,628	46,810	13,834	41,352	24,063	118,399	24,180	11,131	724,334
1982	142,027	93,047	49,358	40,599	56,620	14,509	30,160	46,031	13,067	41,368	23,257	126,142	22,480	11,258	709,923
1983	136,165	89,731	49,890	40,381	53,826	13,867	27,976	42,760	12,884	36,755	22,707	124,699	23,212	11,163	686,016
1984	142,355	89,287	52,769	41,078	56,839	14,529	29,966	44,299	13,667	39,221	22,805	121,529	23,306	11,509	703,159
1985	134,594	87,143	52,517	33,304	51,771	13,606	29,419	41,360	11,879	38,930	22,024	104,505	19,096	11,046	651,194
1986	139,391	93,596	55,095	33,504	55,999	15,302	29,807	40,542	12,992	39,050	21,730	105,022	20,180	11,554	673,764
1987	125,962	85,644	54,801	30,660	55,268	14,655	27,360	37,651	12,013	35,379	22,232	95,075	16,196	10,700	623,596
1988	97,873	70,838	47,515	22,008	50,866	12,599	27,154	29,348	11,808	28,892	19,228	66,501	13,494	10,074	508,198
1989	105,205	81,569	50,955	21,895	51,997	12,694	27,007	30,483	13,141	27,409	21,421	65,286	14,243	10,702	534,007
1990	104,369	95,455	52,053	24,686	54,470	13,626	26,972	29,150	12,977	31,451	22,349	66,892	13,351	9,747	557,548
1991	110,197	90,549	51,013	24,989	52,436	13,915	25,887	28,439	12,782	33,491	20,584	64,845	12,242	9,319	550,688
1992	108,332	77,810	55,061	26,744	55,360	14,215	29,811	29,350	12,271	34,292	20,456	67,783	13,523	9,388	554,396
1993	110,738	81,045	61,789	25,639	53,000	14,656	31,785	28,190	11,979	38,305	20,889	69,843	13,360	9,319	570,537
1994	135,548	91,460	67,786	29,206	54,071	17,447	30,605	28,830	13,153	44,383	22,949	75,086	14,748	10,055	635,327
1995	140,353	90,031	72,036	30,791	58,415	17,898	31,880	32,760	13,593	50,180	25,561	91,105	18,433	11,635	684,671
1996	139,403	84,554	71,531	31,567	58,605	18,801	32,100	33,674	13,834	55,646	27,332	95,969	20,039	12,815	695,870
1997	147,394	84,401	75,613	36,905	67,028	20,644	33,803	39,472	14,727	60,687	31,687	104,657	21,642	13,620	752,280
1998	144,969	77,307	70,887	31,741	56,761	25,487	40,102	33,906	17,133	59,265	29,047	109,103	24,424	15,311	735,443
1999	136,784	88,548	67,924	34,563	57,045	22,356	38,227	38,725	18,510	62,305	31,083	109,489	24,258	16,865	746,682
2000	127,092	90,382	66,147	30,433	61,162	23,073	35,065	40,208	19,109	66,606	33,727	106,796	28,703	17,273	745,776
2001	122,604	86,644	63,192	31,765	57,151	24,010	37,681	40,353	20,335	66,117	34,737	106,295	25,598	17,818	734,300
2002	125,760	87,740	61,335	31,799	52,752	23,163	33,793	39,950	18,594	61,740	33,407	95,664	24,805	16,274	706,776
2003	119,417	87,605	61,035	30,881	54,068	20,981	34,583	39,851	18,723	59,085	32,507	96,290	23,604	16,612	695,242
2004	118,839	84,543	59,638	29,595	52,900	22,641	30,249	37,987	17,004	56,347	32,205	86,730	22,543	15,903	667,124
2005	108,837	79,811	56,514	26,943	51,022	21,248	28,895	36,447	16,534	50,791	33,971	77,626	20,835	15,902	625,376
2006	97,829	69,883	50,900	27,649	48,309	19,231	24,360	36,684	15,930	56,346	31,919	84,611	24,564	15,591	603,805
2007	95,974	66,859	47,710	26,531	48,742	19,322	22,339	38,160	16,006	60,091	31,403	91,443	21,861	16,202	602,641
2008	90,926	61,620	44,496	26,354	51,453	19,601	24,501	42,073	18,883	48,680	33,503	95,753	22,892	19,223	599,958
AVERAGES:															
61-65	105,936	93,498	67,790	37,305	53,694	17,558	23,997	35,090	6,147	20,749	15,335	63,708	11,414	9,989	562,211
66-70	153,745	119,648	100,372	53,218	70,940	23,779	33,922	48,824	8,730	38,468	24,409	107,736	20,721	15,521	820,033
71-75	154,199	140,264	105,044	60,548	77,544	26,562	40,584	57,866	11,516	53,120	30,924	108,568	26,228	13,364	906,331
76-80	149,722	122,536	68,116	53,141	66,026	15,470	39,093	55,899	14,983	54,681	27,407	124,955	27,900	14,298	834,226
81-85	139,497	91,593	50,759	39,402	56,003	14,295	30,830	44,252	13,066	39,525	22,971	119,055	22,455	11,221	694,925
86-90	114,560	85,420	52,084	26,551	53,720	13,775	27,660	33,435	12,586	32,436	21,392	79,755	15,493	10,555	579,423
91-95	121,034	86,179	61,537	27,474	54,656	15,626	29,994	29,514	12,756	40,130	22,088	73,732	14,461	9,943	599,124
96-00	139,128	85,038	70,420	33,042	60,120	22,072	35,859	37,197	16,663	60,902	30,575	105,203	23,813	15,177	735,210
01-05	119,091	85,269	60,343	30,197	53,579	22,409	33,040	38,918	18,238	58,816	33,365	92,521	23,477	16,502	685,764
06-08	94,909	66,121	47,702	26,844	49,501	19,385	23,733	38,972	16,940	55,039	32,275	90,602	23,105	17,005	602,135

REGULAR-SEASON FRAMEWORKS FOR DUCKS IN THE MISSISSIPPI FLYWAY

YEAR	FRAMEWORK DATES	SEASON LENGTH (DAYS)	DAILY DUCK BAG LIMIT	Maximum Species Daily Bag Limit							COMMENTS	
				MALLARD	BLACK DUCK	MOTTLED DUCK	NORTHERN PINTAIL	CANVASBACK	REDHEAD	SCAUP		
1961	10/13-12/30	20(18)-30(27) <sup>1</sup>	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	season length consist of consecutive days or split;
1962	10/12-12/30	25(23) <sup>2</sup>	2	1 <sup>3</sup>	1 <sup>3</sup>	2	2	2	2	2	2	season length consist of consecutive days or split; two scaup in addition to daily bag limit are allowed; <sup>3</sup> 1 mallard or 1 black duck
1963	10/05-01/05	35(32) <sup>2</sup>	4	2/1 <sup>3</sup>	2/1 <sup>3</sup>	4	4	4	4	4	4	season length consist of consecutive days or split; in LA 2 additional scaup are allowed to the daily bag limit; <sup>3</sup> daily bag limit for mallards and black ducks are 2 or 1 of each
1964	10/03-01/03	40(36) <sup>2</sup>	4	2	4	4	2	2/1 <sup>3</sup>	2/1 <sup>3</sup>	4	4	season length consist of consecutive days or split; in LA 2 additional scaup are allowed to the daily bag limit; <sup>3</sup> daily bag limit for canvasback and redhead are 2 or 1 of each
1965	10/09-01/09	40(36) <sup>2</sup>	4	1	4	4	1	2	4	4	4	season length consist of consecutive days or split; in LA 2 additional scaup and after Nov. 1 to the end of season MN, WI, and MI 2 additional scaup
1966	10/08-01/08	45(41) <sup>2</sup>	4	2	4	4	4	2	4	4	4	season length consist of consecutive days or split; 2 additional or aggregate scaup/ringed-necks in LA (open to close) in MN, WI, portions of MO and OH (Nov 1 - close) in portions of MI (Oct. 20 - close)
1967	10/07-01/07	40(36) <sup>2</sup>	4 <sup>2</sup>	2	4	4	4	1	1	4	4	season length consist of consecutive days or split; 2 additional or aggregate scaup/ringed-necks in LA (open to close), in MN, WI, portions of MO, OH, and MI (Nov 1 - close); daily bag limit for all MF states except AL and MS
1968	10/01-01/15	20(18)-30(27) <sup>1,2</sup>	3	1/2	2	3	3	1	1	3	3	season length consist of consecutive days or split; Bonus scaup season for all states, not to exceed 16 consecutive days, bag limit of 5, must fall between Oct 1 - Jan 31, and fall outside of regular duck season.
1969*	10/01-01/15	30(27)-40(36) <sup>1,2</sup>	4	1/2	4	4	4	1	1	4	4	season length consist of consecutive days or split; Bonus scaup season for all states, not to exceed 16 consecutive days, bag limit of 5, must fall between Oct 1 - Jan 31, and fall outside of regular duck season or 2 bonus scaup during regular duck se
1970	10/01-01/17	45(55)/(50) <sup>1,2</sup>	4/6/(Point System)	4/2/(90pts, 20pts <sup>3</sup> )	4/6/(90pts)	4/6/(10pts)	4/6/(20pts, 10pts <sup>3</sup> )	1/1/(90pts)	1/1/(90pts)	4/6/(10pts)	4/6/(10pts)	experimental point system option for Iowa and Illinois; Bonus scaup season for all states, not to exceed 16 consecutive days, bag limit of 5, must fall between Oct 1 - Jan 31, and fall outside of regular duck season or 2 bonus scaup during regular duck
1971	10/01-01/16	50/50/(50) <sup>1</sup>	4/5/(Point System)	4/2/(90pts, 20pts <sup>3</sup> )	4/6/(100pts)	4/6/(10pts)	4/6/(20pts, 10pts <sup>3</sup> )	1/1/(100pts)	1/1/(100pts)	4/6/(10pts)	4/6/(10pts)	experimental point system option for Iowa, Illinois, Michigan; female <sup>1</sup> - male
1972	10/01-01/20	50/50/(50) <sup>1</sup>	4/6/(Point System)	4/2/(90pts, 20pts <sup>3</sup> )	6/4/(90pts)	4/6/(10pts)	4/6/(20pts, 10pts <sup>3</sup> )	closed	closed	4/6/(10pts)	4/6/(10pts)	experimental point system option for Iowa, Illinois, Michigan; female <sup>1</sup> - male
1973	10/01-01/20	40/40/(45) <sup>1</sup>	4/5/(Point System)	4/2/(90pts, 25pts <sup>3</sup> )	4/5/(90pts)	4/5/(25pts)	4/5/(20pts)	1/1/(100pts) except in closed areas <sup>2</sup>	1/1/(100pts) except in closed areas <sup>2</sup>	4/5/(15pts)	4/5/(15pts)	point system option for Mississippi Flyway <sup>2</sup> ; major canvasback concentration areas closed for both canvasback and redhead
1974	10/01-01/20	40(45) <sup>2</sup> -45(50) <sup>1,2</sup>	4/(Point System)	2 <sup>1</sup> /(90pts, 35pts <sup>3</sup> )	2 <sup>1</sup> /(90pts)	4/(35pts)	4/(15pts)	1/(100pts) except in closed areas	1/(100pts) except in closed areas	4/(15pts)	4/(15pts)	point system option for Mississippi Flyway <sup>2</sup> ; extra days for Wed. noon opening; <sup>3</sup> bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1975	10/01-01/20	45(50) <sup>2</sup> -45(50) <sup>1,2</sup>	4/(Point System)	2 <sup>1</sup> /(90pts, 35pts <sup>3</sup> )	2 <sup>1</sup> /(90pts)	4/(35pts)	4/(10pts)	1/(100pts) except in closed areas	1/(100pts) except in closed areas	4/(10pts)	4/(10pts)	point system option for Mississippi Flyway <sup>2</sup> ; extra days for Wed. noon opening; <sup>3</sup> bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1976	10/01-01/20	50(50) <sup>1</sup>	5/(Point System)	3 <sup>1</sup> /(1H)/(70pts, 25pts <sup>3</sup> )	2 <sup>1</sup> /(70pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	5/(10pts)	point system option for Mississippi Flyway <sup>2</sup> ; no more than 3 mallards and black ducks in the aggregate ( 2 of which may be black ducks and 1 maybe a mallard hen)
1977	10/01-01/20	45(45) <sup>1</sup>	5/(Point System)	2 <sup>1</sup> /(70pts, 25pts <sup>3</sup> )	2 <sup>1</sup> /(70pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	5/(10pts)	point system option for Mississippi Flyway <sup>2</sup> ; bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1978	10/01-01/20	50(50) <sup>1</sup>	5/(Point System)	2 <sup>1</sup> /(70pts, 35pts <sup>3</sup> )	2 <sup>1</sup> /(70pts)	5/(35pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	5/(10pts)	point system option for Mississippi Flyway <sup>2</sup> ; bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1979 through 1982	10/01-01/20	50(50) <sup>1</sup>	5/(Point System)	3(2H)/(70pts, 25pts <sup>3</sup> )	1/(70pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	5/(10pts)	point system option for Mississippi Flyway
1983 through 1984	10/01-01/20	50(50) <sup>1</sup>	5/(Point System)	3(2H)/(70pts, 25pts <sup>3</sup> )	1/(100pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	5/(10pts)	point system option for Mississippi Flyway
1985	10/05-01/13	40(40) <sup>1</sup>	4/(Point System)	2(1H)/(100pts, 35pts <sup>3</sup> )	1/(100pts)	4/(35pts)	2/(35pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	4/(20pts)	4/(20pts)	point system option for Mississippi Flyway
1986 through 1987	10/04-01/18	40(40) <sup>1</sup>	4/(Point System)	2(1H)/(100pts, 35pts <sup>3</sup> )	1/(100pts)	4/(35pts)	2/(35pts)	closed	1/(70pts)	4/(20pts)	4/(20pts)	point system option for Mississippi Flyway
1988	10/08-01/08	30	3	2(1H)	1	3	1	closed	1	3	3	
1989	10/07-01/07	30(30) <sup>1</sup>	3/(Point System)	2(1H)/(100pts, 50pts <sup>3</sup> )	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	3/(35pts)	point system option for Mississippi Flyway
1990	10/06-01/06	30(30) <sup>1</sup>	3/(Point System)	2(1H)/(100pts, 50pts <sup>3</sup> )	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	3/(35pts)	point system option for Mississippi Flyway

YEAR	FRAMEWORK DATES	SEASON LENGTH (DAYS)	DAILY DUCK BAG LIMIT	Maximum Species Daily Bag Limit							COMMENTS
				MALLARD	BLACK DUCK	MOTTLED DUCK	NORTHERN PINTAIL	CANVASBACK	REDHEAD	SCAUP	
1991	10/05-01/5	30(30 <sup>1</sup> )	3/(Point System)	2(1H)/(100pts, 50pts <sup>2</sup> )	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	<sup>1</sup> point system option for Mississippi Flyway
1992	10/01-01/20	30(30 <sup>1</sup> )	3/(Point System)	2(1H)/(100pts, 50pts <sup>2</sup> )	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	<sup>1</sup> point system option for Mississippi Flyway
1993	10/01-01/20	30(30 <sup>1</sup> )	3/(Point System)	2(1H)/(100pts, 50pts <sup>2</sup> )	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	<sup>1</sup> point system option for Mississippi Flyway
1994	10/1/01/20	30/40	4/3	3(1H)/2(1H)	1/1	3/3	1/1	1/1	1/1	4/3	
1995	09/30-01/21	50	5	4(1H)	1	3	1	1	1	5	
1996	09/28-01/19	50	5	4(1H)	1	3	1	1	2	5	
1997	10/04-01/18	60	6	4(2H)	1	3	3	1	2	6	
1998	10/03-01/17	60	6	4(2H)	1	3	1	1	2	6	
1999	10/02-01/23 <sup>3</sup>	60	6	4(2H)	1	3	1	1	2	3	<sup>1</sup> Alabama, Mississippi, and Tennessee may extend to Jan 31
2000	09/30-01/21 <sup>1</sup>	60	6	4(2H)	1	3	1	1	2	3	<sup>1</sup> Alabama, Mississippi, and Tennessee may extend to Jan 31
2001	09/29-01/20 <sup>4</sup>	60	6	4(2H)	1	3	1	1 <sup>2</sup>	2	3	<sup>1</sup> Alabama, Mississippi, and Tennessee may extend to Jan 31 <sup>3</sup> Season for canvasback may not exceed 20 days
2002	09/21-01/26 <sup>5</sup>	60	6	4(2H)	1	3	1	closed	2	3	<sup>1</sup> Season for pintails may not exceed 30 days
2003	09/27-01/25 <sup>5</sup>	60	6	4(2H)	1	3	1	1	2	3	<sup>1</sup> Season for canvasback or for pintail may not exceed 30 days
2004	09/25-01/30 <sup>6</sup>	60	6	4(2H)	1	3	1	1	2	3	<sup>1</sup> Season for canvasback or for pintail may not exceed 30 days
2005	09/24-01/29 <sup>6</sup>	60	6	4(2H)	1	3	1	1	2	2	<sup>1</sup> Season for canvasback may not exceed 30 days
2006	09/23-01/28	60	6	4(2H)	1	3	1	1	2	2	
2007	09/22-01/27	60	6	4(2H)	1	3	1	2	2	2	
2008	09/27-01/25	60	6	4(2H)	1	3	1	closed	2	2 <sup>1</sup>	<sup>1</sup> the daily bag limit may be 2 for up to 20 consecutive hunting days and 1 for the remainder of the season.
2009	09/26-01/31	60	6	4(2H)	1	1	1	1	2	2	
2010	09/24-1/30	60	6	4(2H)	1	1	2	1	2	2	
2011	09/24-1/29	60	6	4(2H)	1	1	2	1	2	2	
2012	09/22-1/27	60	6	4(2H)	1	1	2	1	2	4	
2013	9/21-1/26	60	6	4(2H)	1	1	2	2	2	3	
2014	9/27-1/25	60	6	4(2H)	1	1	2	1	2	3	
2015	9/26-1-31	60	6	4(2H)	1	1	2	2	2	3	

<sup>1</sup> 1969 thru 1987 States have an option to either select a Special Scaup Season consisting of a season not to exceed 16 consecutive days, with a bag limit of 5 scaup. The special season must fall between Oct 1 - Jan 31 and the special season must fall outside of regular duck season; or states may choose a bonus scaup season which allows 2 additional scaup during the regular season's bag limit



ESTIMATES OF ACTIVE DUCK HUNTERS IN THE MISSISSIPPI FLYWAY\* (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	96,400	70,900	44,300	21,500	33,800	14,700	21,700	28,100	18,100	72,800	38,100	86,300	15,100	14,200
2000	88,900	65,800	46,000	21,500	33,700	13,200	28,100	26,900	20,400	80,100	27,200	70,700	17,000	14,100
2001	91,473	62,395	36,170	25,082	33,973	18,215	20,643	33,471	22,302	88,200	26,458	56,868	15,020	14,864
2002	87,145	69,657	38,798	23,305	32,879	16,314	24,287	20,587	16,711	81,777	20,028	57,296	14,206	14,910
2003**	87,900	69,600	50,900	22,500	33,400	14,500	23,000	33,000	16,600	72,300	28,500	65,800	12,400	12,400
2004**	89,600	67,400	43,100	20,400	37,300	13,000	21,500	28,500	12,100	67,800	21,500	52,200	19,200	12,400
2005**	71,000	56,100	40,900	17,300	31,600	13,300	20,300	28,700	15,700	64,900	13,100	48,400	18,200	10,200
2006**	73,790	59,973	38,040	18,033	37,328	14,258	22,284	29,937	9,222	58,956	12,853	56,000	16,848	16,163
2007**	70,184	60,946	39,189	20,436	38,958	12,775	20,029	34,622	7,657	59,887	22,065	62,277	16,424	8,936
2008**	71,715	58,543	38,515	18,839	33,362	12,370	17,466	29,023	14,917	58,684	17,230	68,798	13,389	13,501
2009**	61,138	51,488	41,075	17,582	35,096	12,726	17,698	35,214	11,014	54,972	20,633	80,130	13,568	16,086
2010**	69,576	58,725	37,090	22,199	32,686	10,918	16,364	30,186	5,846	52,686	15,899	89,284	15,549	12,802
2011**	76,775	58,287	31,454	18,674	34,100	12,692	13,062	29,571	9,879	58,826	8,774	97,490	13,336	14,083
2012**	77,746	47,762	37,220	12,455	26,179	11,953	12,516	35,438	4,133	57,262	15,082	103,589	13,952	16,982
2013**	52,188	53,089	31,781	14,356	28,480	9,048	22,351	25,529	10,666	44,871	9,572	77,569	15,133	16,984
2014**	65,296	53,881	32,757	13,921	29,653	8,933	13,770	32,743	6,101	58,849	12,818	77,165	15,782	11,416
2015**	57,103	57,493	36,386	14,555	24,318	8,666	17,498	30,441	9,945	48,612	7,865	47,038	14,290	11,881
AVERAGES:														
99-00	92,650	68,350	45,150	21,500	33,750	13,950	24,900	27,500	19,250	76,450	32,650	78,500	16,050	14,150
01-05	85,424	65,031	41,974	21,717	33,830	15,066	21,946	28,852	16,683	74,995	21,917	56,113	15,805	12,955
06-10	69,281	57,935	38,782	19,418	35,486	12,609	18,768	31,796	9,731	57,037	17,736	71,298	15,156	13,498
11-15	65,822	54,102	33,919	14,792	28,546	10,258	15,839	30,745	8,145	53,684	10,822	80,570	14,499	14,269

\* - Estimates for the entire flyway are not possible because of HIP certification in multiple states.

\*\* - Preliminary

ESTIMATES OF DAYS HUNTED BY ACTIVE DUCK HUNTERS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1999	633,700	425,700	264,100	173,000	329,700	103,500	148,400	215,500	192,000	643,600	304,400	697,900	121,800	108,200	4,361,600
2000	594,000	407,500	275,400	165,900	284,900	101,900	203,000	220,100	166,500	675,000	193,100	667,500	124,100	143,700	4,222,700
2001	581,433	423,790	210,609	202,887	345,808	117,134	167,017	299,281	227,777	740,598	276,811	531,988	119,677	119,971	4,364,781
2002	568,396	450,534	260,501	179,068	291,051	117,518	180,117	147,867	169,464	673,127	230,099	413,595	107,054	96,570	3,884,962
2003*	548,300	468,200	292,000	187,100	330,100	113,100	146,500	238,900	148,000	595,500	179,100	581,300	101,700	103,600	4,033,400
2004*	595,600	447,100	270,600	203,000	314,100	102,000	134,600	213,600	151,200	538,000	210,700	449,500	130,600	96,600	3,857,300
2005*	404,100	393,900	225,200	128,900	260,900	100,100	122,700	221,700	138,600	462,700	103,900	333,000	118,200	61,800	3,075,500
2006*	407,894	368,680	244,673	129,937	342,147	101,064	139,376	211,585	83,126	483,506	142,670	484,013	130,382	95,234	3,364,288
2007*	414,652	384,290	252,816	151,423	324,489	92,366	157,520	218,765	80,529	438,350	206,519	539,521	134,154	83,688	3,479,080
2008*	409,896	360,241	237,630	135,812	288,520	94,981	97,847	228,118	106,073	520,130	130,211	608,278	109,452	82,853	3,410,043
2009*	335,768	330,844	251,080	130,265	317,234	85,030	133,394	234,596	101,139	435,638	154,551	691,355	117,697	136,895	3,455,486
2010*	396,597	383,382	203,025	149,087	227,612	67,612	94,094	225,419	39,114	460,187	137,635	821,739	108,628	90,030	3,404,160
2011*	401,102	424,705	191,008	136,220	311,045	84,487	88,794	230,329	117,381	476,003	86,450	857,149	114,595	117,904	3,637,170
2012*	503,244	309,827	229,882	69,709	265,621	96,425	89,373	213,575	28,589	471,957	105,539	916,272	100,887	104,300	3,505,200
2013*	312,097	370,450	197,298	128,545	248,616	71,193	165,779	193,697	68,527	305,186	84,494	766,159	96,299	98,855	3,107,196
2014*	349,376	316,037	212,297	96,627	264,249	63,116	133,688	224,896	53,528	429,120	113,792	560,989	99,842	64,300	2,981,858
2015*	365,615	386,222	219,401	119,839	195,393	58,852	121,825	214,794	85,238	390,295	75,251	308,264	100,770	60,932	2,702,691
AVERAGES:															
99-00	613,850	416,600	269,750	169,450	307,300	102,700	175,700	217,800	179,250	659,300	248,750	682,700	122,950	125,950	4,292,150
01-05	539,566	436,705	251,782	180,191	308,392	109,970	150,187	224,270	167,008	601,985	200,122	461,877	115,446	95,708	3,843,189
06-10	392,961	365,487	237,845	139,305	300,000	88,211	124,446	223,696	81,996	467,562	154,317	628,981	120,063	97,740	3,422,611
11-15	386,287	361,448	209,977	110,188	256,985	74,815	119,892	215,458	70,653	414,512	93,105	681,767	102,478	89,258	3,186,823

\* - Preliminary

AVERAGE DAYS PER ACTIVE DUCK HUNTER IN THE MISSISSIPPI FLYWAY\* (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	6.57	6.00	5.96	8.05	9.75	7.04	6.84	7.67	10.61	8.84	7.99	8.09	8.07	7.62
2000	6.68	6.19	5.99	7.72	8.45	7.72	7.22	8.18	8.16	8.43	7.10	9.44	7.30	10.19
2001	6.36	6.79	5.82	8.09	10.18	6.43	8.09	8.94	10.21	8.40	10.46	9.35	7.97	8.07
2002	6.52	6.47	6.71	7.68	8.85	7.20	7.42	7.18	10.14	8.23	11.49	7.22	7.54	6.48
2003**	6.24	6.73	5.74	8.32	9.88	7.80	6.37	7.24	8.92	8.24	6.28	8.83	8.20	8.35
2004**	6.65	6.63	6.28	9.95	8.42	7.85	6.26	7.49	12.50	7.94	9.80	8.61	6.80	7.79
2005**	5.69	7.02	5.51	7.45	8.26	7.53	6.04	7.72	8.83	7.13	7.93	6.88	6.49	6.06
2006**	5.53	6.15	6.43	7.21	9.17	7.09	6.25	7.07	9.01	8.20	11.10	8.64	7.74	5.89
2007**	5.91	6.31	6.45	7.41	8.33	7.23	7.86	6.32	10.52	7.32	9.36	8.66	8.17	9.37
2008**	5.72	6.15	6.17	7.21	8.65	7.68	5.60	7.86	7.11	8.86	7.56	8.84	8.18	6.14
2009**	5.49	6.43	6.11	7.41	9.04	6.68	7.54	6.66	9.18	7.92	7.49	8.63	8.67	8.51
2010*	5.70	6.53	5.47	6.72	6.96	6.19	5.75	7.47	6.69	8.73	8.66	9.20	6.99	7.03
2011*	5.22	7.29	7.29	9.12	6.66	6.80	7.79	11.88	8.09	9.85	8.79	8.59	8.37	7.63
2012*	6.47	6.49	6.18	5.60	10.15	8.07	7.14	6.03	6.92	8.24	7.00	8.85	7.23	6.14
2013*	5.98	6.98	6.21	8.95	8.73	7.87	7.42	7.59	6.42	6.80	8.83	9.88	6.36	5.82
2014*	5.35	5.87	6.48	6.94	8.91	7.07	9.71	6.87	8.77	7.29	8.88	7.27	6.33	5.63
2015*	6.40	6.72	6.03	8.23	8.03	6.79	6.96	7.06	8.57	8.03	9.57	6.55	7.05	5.13
AVERAGES:														
99-00	6.63	6.10	5.97	7.88	9.10	7.38	7.03	7.93	9.38	8.63	7.54	8.76	7.68	8.91
01-05	6.29	6.73	6.01	8.30	9.12	7.36	6.84	7.72	10.12	7.99	9.19	8.18	7.40	7.35
06-10	5.67	6.31	6.13	7.19	8.43	6.97	6.60	7.08	8.50	8.21	8.83	8.80	7.95	7.39
11-15	5.89	6.67	6.44	7.77	8.50	7.32	7.80	7.88	7.76	8.04	8.61	8.23	7.07	6.07

\* - Estimates for the entire flyway are not possible because of HIP certification in multiple states.

\*\* - Preliminary

DF 09/16/16

AVERAGE SEASONAL DUCK BAG PER ACTIVE DUCK HUNTER IN THE MISSISSIPPI FLYWAY\*  
(HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	8.6	6.4	7.1	9.8	11.1	7.0	6.0	14.3	11.2	25.4	13.8	24.9	24.4	14.0
2000	9.3	6.7	6.5	10.2	12.9	9.0	6.4	16.1	14.5	22.2	14.2	29.1	18.1	24.0
2001	9.3	5.9	6.9	11.9	12.1	6.7	6.9	16.6	8.7	16.4	15.0	22.3	15.4	13.1
2002	10.1	7.3	10.5	11.7	10.8	8.0	7.8	10.7	11.2	13.8	15.4	14.6	16.6	11.8
2003**	10.1	6.3	7.2	11.0	14.1	8.6	7.1	14.3	12.5	15.6	9.7	20.4	19.4	12.2
2004**	7.6	6.4	7.7	9.0	8.6	8.2	6.6	11.5	16.3	16.6	16.8	15.7	15.1	14.4
2005**	7.5	6.7	7	11.8	12	9.8	6.1	16.2	11.9	16.6	14.3	18.1	16.7	13.4
2006**	8.7	6.7	10.1	11.3	14.0	8.7	6.4	13.5	16.0	19.4	23.7	23.8	19.6	10.7
2007**	8.0	7.1	9.1	11.4	12.0	10.7	8.5	13.0	23.2	18.6	24.0	24.6	24.0	18.5
2008**	8.1	6.5	8.5	10.9	12.1	9.9	6.0	16.5	12.8	21.4	14.6	25.4	24.2	10.4
2009**	6.4	6.3	7.5	10.3	12.1	6.5	6.5	11.3	13.0	20.1	12.4	23.1	22.2	15.0
2010**	7.5	7.6	7.8	11.1	11.4	8.6	7.3	17.2	9.4	26.8	17.9	30.6	21.4	16.9
2011**	8.1	7.6	9.1	10.8	14.9	9.7	8.3	16.7	25.8	23.1	25.0	28.9	24.4	16.7
2012**	9.6	7.3	8.6	9.4	15.3	11.0	8.5	12.6	10.2	23.2	16.5	26.7	22.0	12.4
2013**	11.6	8.6	9.3	14.1	13.9	11.1	9.1	17.5	11.7	20.8	23.9	30.8	19.9	11.5
2014**	8.7	7.7	10.4	12.5	13.8	9.1	9.8	14.7	16.6	20.9	17.2	24.1	20.7	10.0
2015**	10.0	7.8	8.7	11.5	10.8	8.7	6.9	13.4	13.0	19.5	25.0	18.0	15.6	9.0
AVERAGES:														
99-00	9.0	6.6	6.8	10.0	12.0	8.0	6.2	15.2	12.9	23.8	14.0	27.0	21.3	19.0
01-05	8.9	6.5	7.8	11.1	11.5	8.3	6.9	13.9	12.1	15.8	14.2	18.2	16.6	13.0
06-10	7.8	6.8	8.6	11.0	12.3	8.9	6.9	14.3	14.9	21.3	18.5	25.5	22.3	14.3
11-15	9.6	7.8	9.2	11.7	13.7	9.9	8.5	15.0	15.5	21.5	21.5	25.7	20.5	11.9

\* - Estimates for the entire flyway are not possible because of HIP certification in multiple states.

\*\* - Preliminary

AVERAGE DAILY DUCK BAG PER ACTIVE DUCK HUNTER IN THE MISSISSIPPI FLYWAY  
(HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF AVG
1999	1.31	1.07	1.19	1.21	1.14	0.99	0.87	1.86	1.05	2.87	1.73	3.08	3.02	1.83	1.86
2000	1.39	1.08	1.09	1.33	1.52	1.16	0.89	1.96	1.77	2.64	2.00	3.08	2.48	2.35	1.92
2001	1.47	0.87	1.18	1.47	1.19	1.03	0.85	1.86	0.85	1.95	1.43	2.38	1.93	1.62	1.54
2002	1.55	1.13	1.56	1.53	1.22	1.11	1.05	1.49	1.11	1.68	1.34	2.02	2.21	1.82	1.50
2003*	1.61	0.94	1.26	1.33	1.43	1.11	1.10	1.98	1.40	1.90	1.54	2.31	2.37	1.47	1.68
2004*	1.15	0.96	1.23	0.91	1.02	1.05	1.05	1.54	1.31	2.10	1.71	1.83	2.22	1.86	1.43
2005*	1.32	0.95	1.26	1.59	1.46	1.31	1.01	2.10	1.35	2.33	1.81	2.64	2.57	2.21	1.71
2006*	1.57	1.09	1.57	1.56	1.53	1.22	1.02	1.91	1.78	2.37	2.14	2.75	2.53	1.82	1.86
2007*	1.36	1.12	1.41	1.54	1.44	1.48	1.08	2.06	2.21	2.54	2.56	2.84	2.94	1.97	1.93
2008*	1.42	1.06	1.37	1.52	1.40	1.29	1.06	2.09	1.80	2.42	1.93	2.88	2.96	1.69	1.91
2009*	1.17	0.97	1.23	1.39	1.34	0.98	0.86	1.70	1.42	2.53	1.66	2.67	2.56	1.76	1.77
2010*	1.32	1.17	1.42	1.65	1.64	1.39	1.27	2.31	1.40	3.07	2.07	3.33	3.06	2.40	2.25
2011*	1.55	1.05	1.51	1.48	1.63	1.46	1.22	2.14	2.17	2.85	2.54	3.29	2.84	2.00	2.20
2012*	1.49	1.13	1.39	1.69	1.51	1.36	1.20	2.08	1.48	2.82	2.36	3.02	3.04	2.02	2.15
2013*	1.95	1.23	1.50	1.57	1.60	1.41	1.22	2.31	1.83	3.06	2.71	3.12	3.12	1.97	2.22
2014*	1.64	1.31	1.61	1.80	1.55	1.29	1.01	2.13	1.89	2.87	1.93	3.32	3.28	1.77	2.17
2015*	1.57	1.16	1.45	1.40	1.35	1.28	0.99	1.90	1.52	2.42	2.61	2.75	2.21	1.75	1.78
AVERAGES:															
99-00	1.35	1.07	1.14	1.27	1.33	1.08	0.88	1.91	1.41	2.75	1.87	3.08	2.75	2.09	1.89
01-05	1.42	0.97	1.30	1.37	1.26	1.12	1.01	1.79	1.20	1.99	1.57	2.24	2.26	1.79	1.57
06-10	1.37	1.08	1.40	1.53	1.47	1.27	1.06	2.01	1.72	2.58	2.07	2.89	2.81	1.93	1.94
11-15	1.64	1.18	1.49	1.59	1.53	1.36	1.13	2.11	1.78	2.80	2.43	3.10	2.90	1.90	2.10

\*-Preliminary

DF 09/16/16

ESTIMATES OF ACTIVE GOOSE HUNTERS IN THE MISSISSIPPI FLYWAY\* (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	76,900	59,800	33,800	16,000	29,200	16,500	23,400	14,800	6,200	19,200	21,700	28,100	4,500	2,400
2000	72,200	56,400	33,500	17,700	33,000	14,800	32,600	15,500	7,300	25,200	31,100	19,500	6,200	2,600
2001	67,563	51,223	29,483	16,090	27,928	16,369	30,289	18,132	14,155	24,462	29,437	20,899	4,618	8,133
2002	65,206	59,998	28,688	15,613	25,527	16,735	28,932	12,163	13,606	19,203	38,110	14,832	2,856	6,763
2003**	70,000	65,700	45,800	17,500	28,600	15,400	25,500	16,600	13,200	22,800	16,800	22,000	4,200	7,300
2004**	72,100	51,100	34,300	15,000	27,900	14,900	27,000	13,100	11,200	22,800	17,800	17,000	6,500	5,500
2005**	58,600	51,100	38,000	15,500	26,400	12,900	23,000	16,200	9,800	24,000	11,600	19,500	4,600	4,900
2006**	60,319	48,606	37,222	15,517	34,072	13,586	21,367	15,101	8,205	20,744	10,554	18,042	6,016	5,453
2007**	56,356	46,729	34,041	13,866	33,717	11,113	19,878	13,969	7,440	17,826	12,298	18,689	7,197	4,577
2008**	50,545	43,620	37,488	14,073	25,595	12,964	19,795	14,581	11,321	21,567	8,188	20,310	3,329	5,623
2009**	49,126	43,401	35,388	13,526	29,059	13,010	20,887	15,463	10,591	14,874	11,594	11,664	4,948	8,134
2010**	51,572	44,079	30,733	27,883	11,799	15,649	12,410	15,090	9,038	14,923	8,626	10,748	5,030	4,243
2011**	54,681	40,828	28,401	14,495	21,168	12,021	28,437	11,543	7,614	18,409	7,011	10,342	4,439	5,750
2012**	58,889	36,663	31,854	7,868	19,554	10,792	11,240	13,992	3,679	20,294	7,785	9,318	3,383	6,231
2013**	42,405	30,004	26,351	11,207	23,103	9,603	23,530	11,400	9,133	14,052	4,610	7,225	4,786	6,019
2014**	44,779	39,743	34,608	13,616	22,231	7,973	15,603	11,933	5,469	18,896	8,521	7,519	5,660	3,531
2015**	43,728	42,321	37,222	13,635	21,739	7,839	15,314	10,722	8,772	19,792	6,027	13,285	5,678	4,129
AVERAGES:														
99-00	74,550	58,100	33,650	16,850	31,100	15,650	28,000	15,150	6,750	22,200	26,400	23,800	5,350	2,500
01-05	66,694	55,824	35,254	15,941	27,271	15,261	26,944	15,239	12,392	22,653	22,749	18,846	4,555	6,519
06-10	53,584	45,287	34,974	16,973	26,848	13,264	18,867	14,841	9,319	17,987	10,252	15,891	5,304	5,606
11-15	48,896	37,912	31,687	12,164	21,559	9,646	18,825	11,918	6,933	18,289	6,791	9,538	4,789	5,132

\* - Estimates for the entire flyway are not possible because of HIP certification in multiple states.  
 \*\* - Preliminary

ESTIMATES OF DAYS HUNTED BY ACTIVE GOOSE HUNTERS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1999	494,200	343,900	165,800	107,000	276,700	101,200	146,600	93,600	66,800	82,400	204,300	140,200	22,400	3,800	2,248,800
2000	466,200	309,100	182,700	116,900	246,100	95,300	177,400	82,700	42,500	129,600	213,100	119,300	30,900	17,300	2,229,200
2001	420,015	276,301	156,474	104,907	230,832	101,290	204,911	104,335	85,588	122,561	230,120	119,726	15,456	42,847	2,215,362
2002	398,927	319,414	138,262	109,123	198,960	110,165	186,389	66,403	141,612	91,840	422,942	104,567	12,854	31,948	2,333,407
2003*	431,700	425,500	247,700	117,600	234,000	113,700	159,000	89,700	95,800	127,200	154,300	125,700	15,500	23,400	2,360,700
2004*	470,600	314,400	177,200	118,300	217,700	111,300	160,000	59,900	106,500	85,800	117,700	96,000	31,800	19,700	2,086,800
2005*	366,300	327,600	186,600	103,200	187,900	90,200	143,900	71,400	73,500	108,800	95,400	116,800	17,000	40,000	1,928,500
2006*	325,524	293,428	206,037	106,502	258,404	89,521	162,542	99,547	60,667	119,633	75,800	115,466	21,404	15,883	1,950,358
2007*	329,376	286,832	177,441	98,252	254,616	82,331	124,118	60,323	49,715	79,007	97,295	111,260	31,487	25,637	1,807,690
2008*	275,779	289,411	217,247	91,255	221,140	86,657	114,452	86,333	80,409	90,926	51,589	94,535	15,406	18,664	1,733,803
2009*	252,005	279,154	214,717	87,653	223,400	83,891	138,929	89,526	90,493	69,985	106,982	78,661	16,463	42,062	1,773,921
2010*	298,154	269,579	164,336	209,022	78,785	110,223	74,079	94,477	55,689	86,325	52,543	48,600	19,910	18,176	1,579,897
2011*	309,575	271,034	166,948	84,600	171,664	74,574	204,246	60,683	56,601	97,039	59,462	64,023	27,468	19,413	1,667,331
2012*	355,391	240,347	183,271	54,554	178,970	68,064	86,090	69,441	22,333	116,089	63,526	47,088	11,735	24,009	1,520,908
2013*	239,505	220,512	159,937	99,076	173,130	67,955	160,308	58,761	84,162	73,086	47,196	60,210	23,514	30,117	1,497,469
2014*	219,283	220,563	199,117	87,136	168,669	49,932	131,945	66,391	40,227	101,324	49,341	27,984	41,328	16,608	1,419,846
2015*	283,635	323,098	227,504	85,265	160,748	49,406	113,623	62,212	70,610	110,613	32,752	65,161	24,892	18,650	1,628,168
AVERAGES:															
99-00	480,200	326,500	174,250	111,950	261,400	98,250	162,000	88,150	54,650	106,000	208,700	129,750	26,650	10,550	2,239,000
01-05	417,508	332,643	181,247	110,626	213,878	105,331	170,840	78,348	100,600	107,240	204,092	112,559	18,522	31,579	2,184,954
06-10	296,168	283,681	195,955	118,537	207,269	90,525	122,824	86,041	67,394	89,175	76,842	89,704	20,934	24,084	1,769,134
11-15	281,478	255,111	187,356	82,126	170,636	61,986	139,242	63,498	54,787	99,630	50,455	52,893	25,787	21,759	1,546,744

\* - Preliminary

AVERAGE DAYS PER ACTIVE GOOSE HUNTER IN THE MISSISSIPPI FLYWAY\* (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	6.43	5.75	4.91	6.69	9.48	6.13	6.26	6.32	10.77	4.29	9.41	4.99	4.98	1.58
2000	6.46	5.48	5.45	6.60	7.46	6.44	5.44	5.34	5.82	5.14	6.85	6.12	4.98	6.65
2001	6.22	5.39	5.31	6.52	8.27	6.19	6.77	5.75	6.05	5.01	7.82	5.73	3.35	5.27
2002	6.12	5.32	4.82	6.99	7.79	6.58	6.44	5.46	10.41	4.78	11.10	7.05	4.50	4.72
2003**	6.17	6.48	5.41	6.72	8.18	7.38	6.24	5.40	7.26	5.58	9.18	5.71	3.69	3.21
2004**	6.53	6.15	5.17	7.89	7.80	7.47	5.93	4.57	9.51	3.76	6.61	5.65	4.89	3.58
2005**	6.25	6.41	4.91	6.66	7.12	6.99	6.26	4.41	7.50	4.53	8.22	5.99	3.70	8.16
2006**	5.40	6.04	5.54	6.86	7.58	6.59	7.61	6.59	7.39	5.77	7.18	6.40	3.56	2.91
2007**	5.84	6.14	5.21	7.09	7.55	7.41	6.24	4.32	6.68	4.43	7.91	5.95	4.37	5.60
2008**	5.46	6.63	5.80	6.48	8.64	6.68	5.78	5.92	7.10	4.22	6.30	4.65	4.63	3.32
2009**	5.13	6.43	6.07	6.48	7.69	6.45	6.65	5.79	8.54	4.71	9.23	6.74	3.33	5.17
2010**	5.78	6.12	5.35	7.50	6.68	7.04	5.97	6.26	6.16	5.78	6.09	4.52	3.96	4.28
2011**	5.66	6.64	5.88	5.84	8.11	6.20	7.18	5.26	7.43	5.27	8.48	6.19	6.19	3.38
2012**	6.03	6.56	5.75	6.93	9.15	6.31	7.66	4.96	6.07	5.72	8.16	5.05	3.47	3.85
2013**	5.65	7.35	6.07	8.84	7.49	7.08	6.81	5.15	9.22	5.20	10.24	8.33	4.91	5.00
2014**	4.90	5.55	5.75	6.40	7.59	6.26	8.46	5.56	7.36	5.36	5.79	3.72	7.30	4.70
2015**	6.49	7.63	6.11	6.25	7.39	6.30	7.42	5.80	8.05	5.59	5.43	4.90	4.38	4.52
AVERAGES:														
99-00	6.44	5.62	5.18	6.65	8.47	6.29	5.85	5.83	8.30	4.72	8.13	5.55	4.98	4.12
01-05	6.26	5.95	5.12	6.95	7.83	6.92	6.33	5.12	8.14	4.73	8.59	6.03	4.03	4.99
06-10	5.52	6.27	5.59	6.88	7.63	6.83	6.45	5.78	7.18	4.98	7.34	5.65	3.97	4.26
11-15	5.75	6.75	5.91	6.85	7.95	6.43	7.51	5.35	7.62	5.43	7.62	5.64	5.25	4.29

\* - Estimates for the entire flyway are not possible because of HIP certification in multiple states.  
 \*\* - Preliminary

DF 09/16/16

AVERAGE SEASONAL GOOSE BAG PER ACTIVE GOOSE HUNTER IN THE MISSISSIPPI FLYWAY\*  
(HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	3.1	1.9	2.8	3.9	4.1	3.3	2.8	5.9	4.3	7.4	1.8	7.3	7.4	1.0
2000	3.2	1.6	3.5	4.2	4.4	4.7	3.1	4.5	4.7	8.6	2.0	7.3	4.9	1.5
2001	3.4	1.2	3.9	3.8	2.3	2.9	3.5	6.6	1.8	8.2	1.8	8.7	1.6	1.9
2002	3.5	1.6	3.6	4.1	2.7	3.5	3.6	4.3	1.9	8.3	2.0	8.4	3.3	2.0
2003**	4.1	2.3	4.2	4.1	4.9	4.7	3.5	4.5	3.3	7.1	2.5	7.8	4.1	2.4
2004**	3.3	1.9	3.8	4.7	3.7	4.7	3.6	3.8	4.3	5.0	3.3	7.0	3.2	4.1
2005**	3.5	2.1	3.7	5.1	4.2	4.5	3.9	4.9	3.7	5.6	2.3	8.1	5.9	3.5
2006**	4.0	2.3	4.2	4.8	5.0	4.5	4.1	5.7	3.5	9.4	2.3	8.7	4.2	3.8
2007**	3.6	2.4	4.4	4.7	5.4	6.3	4.0	3.5	4.2	5.6	3.1	10.1	5.9	4.2
2008**	4.4	2.5	4.6	4.5	6.2	5.2	3.7	6.6	4.0	6.4	2.3	7.4	4.8	1.8
2009**	3.0	2.2	4.6	4.6	5.8	5.0	4.0	5.4	3.2	6.7	3.8	6.3	4.0	2.8
2010**	3.7	2.1	4.1	5.0	6.3	5.1	4.4	4.4	3.7	9.5	3.6	6.1	5.2	3.1
2011**	4.5	2.3	4.4	3.6	5.4	4.1	3.9	3.8	2.3	4.8	3.0	7.2	6.2	2.4
2012**	4.0	2.3	4.5	5.0	5.1	5.6	5.3	4.1	2.0	5.7	3.8	5.8	3.6	3.2
2013**	4.5	2.9	5.6	6.6	5.1	5.7	5.5	4.8	4.5	13.1	3.0	5.0	6.9	5.1
2014**	3.3	2.3	4.1	3.7	5.4	5.6	5.1	4.5	3.1	7.2	3.1	4.7	4.6	7.6
2015**	3.3	2.4	4.3	4.0	4.1	4.8	4.3	4.3	3.3	4.4	3.4	4.1	2.6	3.0
AVERAGES:														
99-00	3.2	1.8	3.2	4.1	4.3	4.0	3.0	5.2	4.5	8.0	1.9	7.3	6.2	1.3
01-05	3.7	1.7	3.9	4.0	3.3	3.7	3.5	5.1	2.3	7.9	2.1	8.3	3.0	2.1
06-10	3.8	2.3	4.4	4.7	5.8	5.2	4.0	5.1	3.7	7.5	3.0	7.7	4.8	3.1
11-15	3.9	2.4	4.6	4.6	5.0	5.2	4.8	4.3	3.0	7.0	3.2	5.4	4.8	4.2

\* - Estimates for the entire flyway are not possible because of HIP certification in multiple states.

\*\* - Preliminary

AVERAGE DAILY GOOSE BAG PER ACTIVE GOOSE HUNTER IN THE MISSISSIPPI FLYWAY  
(HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF AVG
1999	0.48	0.33	0.56	0.58	0.43	0.54	0.45	0.93	0.40	1.71	0.19	1.46	1.48	0.61	0.57
2000	0.49	0.29	0.64	0.64	0.59	0.73	0.57	0.84	0.80	1.67	0.29	1.19	0.99	0.23	0.62
2001	0.55	0.23	0.73	0.59	0.28	0.47	0.51	1.16	0.30	1.63	0.23	1.52	0.48	0.36	0.58
2002	0.57	0.30	0.74	0.59	0.34	0.53	0.57	0.79	0.19	1.74	0.18	1.19	0.72	0.43	0.51
2003*	0.66	0.36	0.77	0.60	0.59	0.63	0.55	0.83	0.45	1.28	0.27	1.37	1.12	0.74	0.65
2004*	0.50	0.31	0.73	0.60	0.48	0.63	0.60	0.82	0.45	1.32	0.49	1.25	0.66	1.14	0.59
2005*	0.57	0.33	0.76	0.77	0.59	0.65	0.63	1.12	0.49	1.24	0.28	1.35	1.59	0.43	0.66
2006*	0.75	0.39	0.76	0.70	0.66	0.68	0.53	0.86	0.47	1.64	0.32	1.35	1.19	1.29	0.74
2007*	0.62	0.40	0.84	0.66	0.71	0.85	0.64	0.82	0.64	1.25	0.39	1.70	1.36	0.75	0.74
2008*	0.81	0.38	0.80	0.69	0.72	0.78	0.63	1.11	0.56	1.51	0.37	1.59	1.03	0.54	0.77
2009*	0.59	0.35	0.76	0.71	0.75	0.77	0.59	0.93	0.38	1.43	0.42	0.94	1.21	0.54	0.66
2010*	0.64	0.34	0.76	0.66	0.95	0.72	0.73	0.70	0.60	1.65	0.58	1.34	1.31	0.73	0.72
2011*	0.80	0.34	0.75	0.62	0.67	0.66	0.55	0.72	0.31	0.92	0.35	1.17	1.00	0.71	0.65
2012*	0.67	0.35	0.79	0.72	0.56	0.89	0.69	0.82	0.33	1.00	0.47	1.15	1.05	0.82	0.67
2013*	0.80	0.39	0.93	0.74	0.68	0.81	0.80	0.93	0.49	2.52	0.30	0.60	1.41	1.03	0.80
2014*	0.68	0.41	0.71	0.57	0.72	0.89	0.60	0.80	0.43	1.34	0.53	1.25	0.63	1.60	0.70
2015*	0.51	0.31	0.70	0.64	0.56	0.76	0.57	0.73	0.41	0.78	0.62	0.83	0.59	0.67	0.56
AVERAGES:															
99-00	0.49	0.31	0.60	0.61	0.51	0.64	0.51	0.88	0.60	1.69	0.24	1.33	1.23	0.42	0.60
01-05	0.57	0.31	0.75	0.63	0.46	0.58	0.57	0.94	0.37	1.44	0.29	1.34	0.91	0.62	0.60
06-10	0.68	0.37	0.78	0.68	0.76	0.76	0.63	0.89	0.53	1.50	0.42	1.38	1.22	0.77	0.72
11-15	0.69	0.36	0.78	0.66	0.64	0.80	0.64	0.80	0.39	1.31	0.45	1.00	0.93	0.97	0.68

\*-Preliminary

DF 09/16/16

RANKING OF THE FIVE MOST NUMERICALLY IMPORTANT SPECIES IN MISSISSIPPI FLYWAY  
DURING THE REGULAR-SEASON DUCK HARVEST (HARVEST INFORMATION PROGRAM).

Year	Rank Position*					Percent of Total Harvest	
	1	2	3	4	5	Mallard	Combined
1999	Mallard	Gadwall	Wood Dk	GW Teal	BW Teal	33	73
2000	Mallard	Gadwall	Wood Dk	BW Teal	GW Teal	34	71
2001	Mallard	Gadwall	Wood Dk	BW Teal	GW Teal	42	82
2002	Mallard	Wood Dk	Gadwall	GW Teal	BW Teal	41	81
2003**	Mallard	Gadwall	Wood Dk	GW Teal	BW Teal	38	82
2004**	Mallard	Wood Dk	Gadwall	GW Teal	BW Teal	40	81
2005**	Mallard	Wood Dk	Gadwall	GW Teal	BW Teal	39	79
2006**	Mallard	Gadwall	GW Teal	Wood Dk	BW Teal	37	78
2007**	Mallard	Gadwall	GW Teal	BW Teal	Wood Dk	37	80
2008**	Mallard	Gadwall	GW Teal	Wood Dk	BW Teal	36	79
2009**	Mallard	GW Teal	Gadwall	Wood Dk	BW Teal	36	71
2010**	Mallard	Gadwall	GW Teal	Wood Dk	No. Shovler	30	77
2011**	Mallard	Gadwall	GW Teal	Wood Dk	No. Shovler	30	80
2012**	Mallard	Gadwall	GW Teal	Wood Dk	No. Shovler	27	75
2013*	Mallard	Gadwall	GW Teal	Wood Dk	BW Teal	28	77
2014*	Mallard	Gadwall	GW Teal	Wood Dk	BW Teal	33	78
2015*	Mallard	Gadwall	Wood Dk	GW Teal	BW Teal	37	79
Average						35	78
Range						30-42	71-82

\* Among the various rank positions, the species shown below under each position occurred in that position the indicated number of years during the 5-year period:

1	2	3	4	5
Mallard -17	Gadwall - 13 Wood Dk -3 GW Teal - 1	GW Teal - 8 Gadwall - 4 Wood Dk - 5	Wood Dk - 8 GW Teal - 6 BW Teal - 3	BW Teal - 11 GW Teal -2 No. Shovler - 3 Wood Dk - 1

\*\* - Preliminary

DF 09/16/16

ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	831,600	456,000	314,300	209,900	350,399	93,639	114,913	348,230	172,886	1,800,828	484,907	1,908,303	354,179	159,781	7,599,864	1,828,974	2,895,518	3,127,306	15,451,666
2000	824,800	439,600	300,700	220,200	408,779	112,763	161,041	404,034	262,622	1,741,994	341,668	1,785,194	299,524	307,675	7,610,595	1,791,877	3,035,886	2,711,332	15,149,688
2001	852,200	370,700	248,301	297,300	393,300	117,401	129,770	512,998	174,932	1,430,534	368,856	1,106,451	225,862	182,102	6,410,705	1,694,218	3,007,314	2,392,193	13,504,436
2002	880,501	509,800	406,000	273,799	349,399	129,141	178,377	207,955	161,246	1,118,205	293,369	768,136	233,837	171,308	5,681,073	1,760,084	2,518,456	2,210,500	12,170,112
2003*	884,499	440,600	367,101	248,900	455,939	120,821	154,424	433,660	198,287	1,089,776	258,188	1,139,505	230,241	149,973	6,171,914	1,608,124	2,329,509	2,504,383	12,613,934
2004*	683,599	429,900	333,000	184,500	313,012	105,720	133,780	322,733	183,420	1,111,155	340,678	749,680	288,793	173,346	5,353,315	1,407,669	2,560,563	2,720,550	12,042,096
2005*	531,499	375,100	284,399	205,200	368,034	124,941	116,134	447,707	177,433	1,056,603	178,871	849,642	302,892	131,899	5,150,355	1,590,959	2,596,822	2,903,655	12,241,803
2006*	641,099	401,900	384,501	203,300	504,302	112,801	134,432	383,508	128,267	1,104,413	281,448	1,157,160	327,338	165,495	5,929,965	1,597,831	2,234,415	3,479,961	13,242,171
2007*	563,900	431,201	355,500	232,800	458,126	129,630	161,111	414,227	158,122	1,103,857	511,993	1,318,368	377,132	150,737	6,366,703	1,658,559	2,397,101	3,518,554	13,940,919
2008*	584,002	382,502	326,698	206,099	396,115	118,535	102,374	448,467	161,544	1,241,388	241,836	1,616,381	320,177	134,116	6,280,232	1,733,259	1,963,843	3,355,452	13,320,785
2009*	392,300	322,599	308,898	181,500	405,725	77,325	109,867	381,649	131,430	1,093,944	239,511	1,667,096	300,761	231,308	5,843,913	1,657,916	2,288,093	2,862,080	12,652,004
2010*	523,952	448,501	287,962	245,497	354,502	90,315	109,068	492,963	52,171	1,406,659	262,816	2,518,403	324,208	212,934	7,329,953	1,823,345	2,065,513	3,042,823	14,353,375
2011*	621,013	445,737	287,506	201,798	486,458	116,656	104,074	476,662	246,574	1,341,629	196,971	2,513,701	318,225	223,296	7,580,310	1,627,165	2,737,134	3,288,945	15,233,557
2012*	749,328	350,654	320,159	117,671	377,026	126,784	101,626	392,384	40,101	1,304,268	220,716	2,343,192	290,273	183,963	6,918,156	1,841,004	2,732,819	3,289,189	14,781,160
2013*	607,783	455,667	296,188	202,341	385,398	97,633	191,303	406,903	118,956	929,989	220,597	2,062,810	291,547	181,619	6,447,738	1,600,571	2,589,757	2,429,089	13,067,154
2014*	571,267	398,996	331,727	125,307	390,065	75,123	125,425	449,170	95,298	1,205,787	210,916	1,640,111	325,347	103,762	6,048,297	1,527,084	2,574,378	2,508,808	12,732,652
2015*	573,359	449,325	317,451	167,871	249,780	60,935	116,981	394,019	117,073	923,734	186,874	685,267	219,940	101,536	4,570,152	1,300,285	2,019,401	2,574,318	10,464,155
AVERAGES:																			
99-00	828,200	447,800	307,500	215,050	379,589	103,201	137,977	376,132	217,754	1,771,411	413,287	1,846,749	326,852	233,728	7,605,229	1,810,426	2,965,702	2,919,319	15,300,677
01-05	766,460	425,220	327,760	241,940	375,937	119,605	142,497	385,010	179,064	1,161,255	287,992	1,622,683	256,325	161,726	5,753,472	1,612,211	2,602,533	2,546,256	12,514,476
06-10	541,051	397,341	332,712	213,839	423,754	105,721	123,370	424,163	126,306	1,190,052	307,521	1,955,482	329,923	178,918	6,300,153	1,694,182	2,189,793	3,251,774	13,504,251
11-15	624,550	420,076	310,606	162,998	377,745	95,426	127,882	423,828	123,600	1,142,081	207,215	1,849,016	289,066	158,835	6,312,931	1,579,222	2,530,698	2,818,070	13,255,736

\* - Preliminary

ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	272,260	166,303	127,212	68,440	186,005	53,250	50,555	197,225	102,619	1,125,685	254,050	354,432	145,787	33,033	3,136,856	444,068	995,528	1,318,473	5,894,928
2000	270,020	176,323	143,023	73,939	197,551	66,538	80,521	213,496	176,836	1,022,812	196,858	425,842	123,770	105,142	3,272,671	522,968	1,035,988	1,237,479	6,069,106
2001	327,003	147,877	122,801	117,517	232,580	73,984	68,847	322,317	116,068	770,762	207,132	127,354	107,403	54,401	2,796,046	472,682	1,178,357	1,031,568	5,478,655
2002	259,507	218,143	195,301	92,638	215,745	81,716	92,508	124,707	104,978	570,803	169,659	107,227	94,493	46,850	2,374,275	538,846	1,013,649	906,787	4,833,558
2003*	303,995	163,935	183,018	101,654	284,256	76,668	76,379	249,773	138,187	510,620	130,815	133,137	95,047	34,895	2,482,379	427,301	962,111	1,058,281	4,930,071
2004*	179,277	173,400	158,927	54,700	194,135	71,569	77,507	175,545	130,324	556,533	191,225	80,355	127,029	29,404	2,199,930	422,004	969,435	940,160	4,531,530
2005*	169,582	118,808	135,463	77,872	209,044	76,069	59,826	242,104	115,244	475,075	92,869	101,308	155,981	20,138	2,409,383	444,305	868,144	1,105,095	4,466,927
2006*	215,727	144,024	173,160	73,177	311,871	60,669	75,660	221,725	81,564	547,108	127,435	86,787	131,924	35,420	2,286,251	399,655	709,952	1,272,165	4,668,019
2007*	178,969	171,048	168,461	72,680	272,432	76,139	101,036	232,435	89,251	578,131	284,440	142,526	119,572	26,998	2,514,118	429,917	806,699	1,127,524	4,878,259
2008*	188,974	155,642	158,033	72,312	231,129	72,365	60,201	249,656	79,821	641,431	116,798	131,545	103,995	19,860	2,281,762	503,480	676,787	1,002,094	4,554,122
2009*	101,280	105,908	129,651	45,288	239,205	34,993	61,802	221,325	79,761	605,672	128,946	143,961	113,291	64,833	2,075,916	419,279	721,474	917,944	4,134,612
2010*	138,167	170,271	104,807	68,332	183,672	41,658	50,863	262,778	33,229	691,693	112,500	229,415	113,597	27,890	2,228,872	394,429	603,214	906,964	4,166,013
2011*	180,515	149,273	108,763	71,999	271,428	61,158	52,038	246,149	136,019	639,672	76,135	147,403	72,078	27,617	2,240,248	315,897	773,210	1,079,618	4,408,974
2012*	197,316	112,251	127,535	49,993	197,579	78,021	44,567	189,411	24,594	529,529	92,700	164,994	59,911	14,151	1,882,553	324,713	763,143	964,088	3,934,498
2013*	166,366	110,610	114,844	66,628	177,474	63,029	104,630	200,700	71,651	422,951	94,094	130,935	91,048	21,828	1,836,788	328,029	740,084	732,483	3,637,385
2014*	161,859	127,385	142,493	59,968	192,265	46,515	70,681	254,828	57,649	530,131	106,074	126,396	107,659	8,545	1,992,450	294,063	813,473	803,447	3,903,432
2015*	136,645	122,468	126,562	48,850	137,339	35,886	63,484	234,387	67,299	501,555	104,278	38,490	61,979	16,377	1,695,598	250,114	714,448	773,155	3,433,315
AVERAGES:																			
99-00	271,140	171,313	135,118	71,190	191,778	59,894	65,538	205,361	139,728	1,074,249	225,454	390,137	134,779	69,088	3,204,764	483,518	1,015,758	1,277,976	5,982,017
01-05	247,873	164,433	159,102	88,876	227,152	76,001	75,013	222,889	120,960	576,759	158,340	109,876	115,991	37,138	2,380,403	461,028	998,339	1,008,378	4,848,148
06-10	164,623	149,379	146,822	66,358	247,662	57,165	69,912	237,584	72,725	612,807	154,024	146,847	116,476	35,000	2,277,384	429,355	703,625	1,063,338	4,480,205
11-15	168,540	124,397	124,039	59,488	195,217	56,922	67,080	225,095	71,442	524,768	94,656	121,644	78,535	17,704	1,929,527	302,563	760,872	870,558	3,863,521

\* - Preliminary

ESTIMATES OF REGULAR-SEASON BLACK DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	US TOTAL
1999	345	4,606	10,556														

ESTIMATES OF REGULAR-SEASON GADWALL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	17,576	8,970	2,548	7,887	18,853	4,116	8,995	47,983	28,309	260,575	81,447	478,140	73,187	30,520	1,069,106	62,212	556,552	133,826	1,821,696
2000	26,657	22,946	4,614	32,525	64,078	11,206	7,295	86,156	34,209	333,683	60,443	437,097	85,539	60,566	1,267,013	67,496	609,414	132,511	2,076,433
2001	17,263	6,049	3,856	12,278	27,044	6,620	7,925	67,432	12,021	260,620	44,710	308,451	32,492	38,940	845,701	33,785	491,783	122,399	1,493,668
2002	44,264	17,103	6,159	18,957	24,371	7,539	9,738	33,398	12,597	210,151	25,527	185,964	29,812	36,121	661,701	39,803	411,642	118,960	1,232,106
2003*	47,057	13,375	4,474	21,378	44,992	4,278	9,518	57,428	19,741	246,939	42,562	266,273	39,891	33,410	851,316	38,479	422,728	154,055	1,466,578
2004*	31,276	17,340	5,707	10,761	23,214	2,778	1,911	59,030	8,337	177,759	56,625	183,904	50,203	25,643	654,488	24,269	483,058	202,160	1,363,975
2005*	15,090	8,049	5,168	9,891	26,106	11,713	9,730	65,368	16,526	177,005	22,890	168,949	48,291	50,546	635,321	34,337	499,963	194,332	1,363,954
2006*	38,802	16,793	6,604	16,374	55,196	7,968	6,080	49,238	15,129	169,427	42,933	224,108	93,905	60,835	803,393	33,252	463,376	244,379	1,544,400
2007*	24,834	19,094	3,766	14,761	37,872	9,674	6,454	55,358	18,272	198,941	71,550	253,594	98,131	29,890	842,192	38,950	393,826	199,854	1,474,822
2008*	19,877	12,316	4,583	14,796	39,187	6,876	2,597	74,554	26,607	220,253	55,733	338,415	62,807	27,706	906,307	36,311	339,425	182,221	1,464,272
2009*	23,931	13,953	4,733	12,715	29,455	6,486	1,437	43,949	17,761	168,012	35,143	279,078	45,856	30,768	713,277	33,448	461,217	193,833	1,401,774
2010*	25,871	15,652	5,154	17,851	34,759	7,000	5,069	66,672	4,430	231,340	57,500	485,212	57,170	85,012	1,098,694	53,420	367,637	213,264	1,735,283
2011*	8,339	8,703	6,463	9,467	32,227	6,024	3,469	61,649	28,570	257,932	46,449	838,505	87,935	77,463	1,473,197	68,561	555,983	213,633	2,311,375
2012*	18,792	11,468	5,492	6,136	32,867	10,620	6,713	74,707	5,169	224,969	37,080	687,161	69,193	49,866	1,240,234	49,318	536,958	194,222	2,020,732
2013*	15,254	18,523	6,483	13,817	37,588	6,042	9,323	67,769	10,435	184,343	49,138	484,615	61,844	44,292	1,009,467	79,891	455,548	129,649	1,674,555
2014*	12,451	12,861	8,835	7,160	36,414	4,768	3,598	34,359	9,412	199,512	45,020	468,050	68,439	36,486	947,364	90,036	422,036	123,360	1,582,795
2015*	17,510	18,756	4,787	9,547	22,837	5,152	7,133	44,191	19,278	159,317	15,229	161,656	47,268	26,858	559,520	58,906	328,964	155,898	1,103,287
AVERAGES:																			
99-00	22,117	15,958	3,581	20,206	41,466	7,661	8,145	67,070	31,259	297,129	70,945	457,619	79,363	45,543	1,168,060	64,854	582,983	133,168	1,949,065
01-05	30,990	12,383	5,073	14,653	29,145	6,586	7,764	56,531	13,845	214,495	38,463	222,708	40,138	36,932	729,705	34,135	461,835	158,381	1,384,056
06-10	26,663	15,562	4,968	15,299	39,294	7,601	4,327	57,954	16,440	197,595	52,572	316,081	71,574	46,842	872,772	39,076	405,096	206,710	1,524,110
11-15	14,469	14,062	6,412	9,225	32,387	6,521	6,047	56,535	14,573	205,215	38,583	527,997	66,936	46,993	1,045,956	69,342	459,898	163,352	1,738,549

\* - Preliminary

ESTIMATES OF REGULAR-SEASON WIGEON<sup>1</sup> HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	15,853	11,152	6,006	763	4,598	257	1,551	6,704	2,528	32,950	13,485	66,436	5,291	3,232	170,804	49,593	201,671	400,817	822,884
2000	19,444	11,473	3,799	6,061	10,131	1,868	2,244	15,385	4,737	34,197	11,333	72,089	10,727	14,051	217,539	38,970	217,111	301,927	775,547
2001	16,599	10,755	5,783	4,385	6,439	779	2,724	10,002	2,073	44,396	12,225	46,741	5,415	4,581	172,897	37,637	204,922	324,581	740,038
2002	21,264	12,302	5,389	5,723	8,209	730	443	5,429	2,100	43,131	5,105	28,070	5,190	1,431	144,517	32,466	190,807	298,907	666,696
2003*	15,408	6,496	3,835	4,581	9,036	1,027	1,428	11,210	3,071	21,973	3,443	28,408	8,594	2,227	120,737	39,505	151,005	284,397	595,645
2004*	24,574	15,050	6,366	4,484	4,306	1,634	1,911	11,189	3,510	24,530	14,852	27,577	9,128	684	149,793	19,374	226,316	355,055	750,539
2005*	13,174	11,269	3,507	2,338	9,029	942	1,449	9,498	6,523	24,630	4,578	23,873	8,162	2,267	121,240	20,686	203,370	356,224	701,520
2006*	20,849	10,531	5,779	6,231	13,573	2,504	3,209	12,386	3,947	19,610	16,355	36,619	6,843	5,403	163,839	39,999	198,561	453,530	855,930
2007*	12,417	11,138	6,025	3,048	11,239	1,480	745	9,605	4,217	19,360	20,527	35,953	8,521	4,500	148,774	25,536	157,652	489,117	821,078
2008*	13,718	6,604	2,750	6,460	8,736	2,783	917	11,781	3,801	34,225	6,058	49,972	10,695	1,716	160,216	29,561	155,663	528,798	874,242
2009*	10,470	4,707	4,322	3,309	6,414	1,536	479	6,680	646	14,934	5,136	30,463	4,316	3,297	96,709	33,514	185,294	396,841	712,358
2010*	9,382	7,314	2,577	3,647	5,332	683	1,049	8,381	2,104	27,463	5,000	47,604	5,940	3,486	129,962	79,504	349,567	737,927	1,296,960
2011*	5,396	3,216	4,903	3,239	6,390	2,008	2,120	8,935	4,969	21,017	4,191	56,787	9,370	3,031	135,571	44,367	166,249	410,854	757,041
2012*	9,983	3,823	3,458	722	2,644	1,734	3,170	9,884	627	34,965	1,766	61,404	2,953	0	137,133	23,837	203,034	411,987	775,990
2013*	4,767	6,351	3,890	3,685	4,758	1,099	2,072	7,240	696	12,463	3,136	36,801	5,890	2,755	95,602	34,809	178,245	329,346	638,001
2014*	7,690	4,899	4,845	2,238	3,787	773	1,028	6,084	1,471	13,748	4,317	27,321	4,475	1,899	84,575	39,094	135,894	351,351	610,915
2015*	8,927	4,965	2,094	1,273	4,123	711	1,427	5,840	5,959	9,492	3,355	12,009	3,376	437	63,988	30,020	101,665	397,049	592,722
AVERAGES:																			
99-00	17,649	11,312	4,903	3,412	7,365	1,062	1,898	11,044	3,632	33,574	12,409	69,262	8,009	8,641	194,171	44,282	209,391	351,372	799,216
01-05	18,204	11,174	4,976	4,302	7,404	1,022	1,591	9,466	3,455	31,732	8,041	30,934	7,298	2,238	141,837	29,934	195,284	323,833	690,888
06-10	13,367	8,059	4,291	4,539	9,059	1,797	1,280	9,767	2,943	23,118	10,615	40,122	7,263	3,680	139,900	41,623	209,347	521,243	912,114
11-15	7,353	4,651	3,838	2,231	4,340	1,265	1,963	7,597	2,744	18,337	3,353	38,864	5,213	1,624	103,374	34,425	157,017	380,117	674,934

\* - Preliminary

1 - includes Eurasian Wigeon

DF 09/15/16

ESTIMATES OF EARLY SEPTEMBER SEASON GREEN-WINGED TEAL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	US TOTAL
1999				920	772	775	6,351	0	4,035	0	5,564	294	0	18,711	8,925	12,518	40,152
2000				1,520	467	4,208	1,657	0	2,763	420	10,646	0	485	22,166	7,684	32,644	62,493
2001				1,288	389	495	3,549	0	822	0	4,920	0	573	12,036	7,649	28,135	47,820
2002				257	486	1,770	987	0	1,377	0	842	0	0	5,719	2,080	16,540	24,339
2003*				1,694	685	1,428	4,130	0	3,924	0	14,416	898	0	27,175	3,186	31,641	62,001
2004*				2,059	490	3,610	1,350	439	1,593	0	3,105	254	342	13,242	2,331	11,112	26,684
2005*				589	1,346	2,898	1,490	0	1,252	327	1,224	0	133	9,259	2,420	13,660	25,340
2006*				3,619	1,594	3,209	3,211	0	8,628	0	7,324	0	0	27,585	4,901	29,777	62,263
2007*				3,421	455	1,738	3,493	1,054	668	0	8,667	1,100	0	20,596	1,344	29,383	51,322
2008*				1,498	491	764	4,418	0	403	0	3,674	0	245	11,493	3,867	28,339	43,699
2009*				1,425	853	639	1,758	323	0	811	1,965	0	0	7,774	3,174	20,212	31,160
2010*				1,185	171	2,447	1,862	0	465	313	574	0	268	7,285	2,257	8,899	18,441
2011*				833	730	1,349	1,787	0	1,146	0	9,062	0	0	14,908	2,530	17,974	35,412
2012*				1,889	217	1,305	2,758	0	460	0	27,655	0	0	34,285	4,838	38,207	77,330
2013*				0	549	5,870	1,448	0	0	0	4,649	0	212	12,728	1,431	11,362	25,521
2014*	1,837	5,415	2,909	291	258	4,626	1,790	0	1,677	0	276	0	136	19,215	1,906	8,855	29,976
2015*	2,207	1,795	1,750	793	711	1,427	1,557	0	770	0	2,001	0	0	13,011	1,263	13,411	27,685
AVERAGES:																	
99-00				1,220	620	2,492	4,004	0	3,399	210	8,105	147	243	20,439	8,305	22,581	51,323
01-05				1,177	679	2,040	2,301	88	1,794	65	4,901	230	210	13,466	3,533	20,218	37,237
06-10				2,230	713	1,759	2,948	275	2,033	225	4,441	220	103	14,947	3,109	23,322	41,377
11-15				761	493	2,915	1,868	0	811	0	8,729	0	70	18,829	2,394	17,962	39,185

\* - Preliminary

ESTIMATES OF REGULAR-SEASON GREEN-WINGED TEAL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	73,062	63,030	33,123	22,898	21,842	5,659	7,289	26,108	4,550	134,490	36,678	419,231	27,923	13,644	889,527	232,627	339,013	529,706	1,990,845
2000	59,586	34,721	26,868	33,131	23,807	8,638	10,662	34,557	4,737	124,700	11,333	257,635	22,004	16,958	669,337	183,099	317,944	418,324	1,588,702
2001	50,129	38,986	18,892	29,818	25,499	6,425	4,210	37,426	7,047	136,887	23,053	175,798	15,569	6,299	576,038	141,445	301,462	334,806	1,353,753
2002	73,773	46,209	44,911	40,954	22,575	7,053	10,623	17,439	5,039	105,534	19,244	116,210	17,967	3,219	530,750	156,480	286,298	347,474	1,321,002
2003*	100,776	48,913	42,186	29,449	33,320	8,385	7,376	33,631	5,703	105,943	16,274	219,209	15,520	4,702	671,387	133,969	253,729	368,625	1,427,712
2004*	44,959	44,168	22,829	16,814	14,603	3,432	8,282	24,500	6,582	146,221	14,852	113,228	19,523	4,787	484,780	112,638	262,214	487,240	1,346,871
2005*	27,545	36,705	20,486	21,221	24,339	6,463	4,140	38,364	5,219	123,988	8,175	148,137	32,874	6,935	504,591	118,252	343,330	508,967	1,475,139
2006*	47,199	27,609	31,577	31,879	28,956	8,423	11,653	39,605	8,222	144,327	23,852	180,898	41,440	6,404	632,044	149,711	252,056	562,655	1,596,464
2007*	49,399	48,530	26,863	39,468	27,365	8,991	9,185	42,610	5,271	87,454	29,910	325,499	56,899	14,142	771,586	155,693	341,509	631,082	1,899,870
2008*	61,592	32,128	23,100	31,259	25,459	4,748	4,125	51,544	19,005	140,124	9,450	385,816	46,877	6,130	841,357	145,041	292,560	674,801	1,953,766
2009*	49,999	27,402	22,432	22,470	28,030	6,146	5,749	40,081	6,458	115,741	11,624	362,605	39,382	9,340	747,459	132,460	243,915	539,080	1,662,914
2010*	36,674	31,012	20,618	20,346	22,712	4,097	6,467	53,077	1,329	171,295	15,312	620,567	30,194	11,800	1,045,499	146,225	252,694	540,259	1,993,605
2011*	36,790	25,730	11,812	19,682	33,894	10,771	4,818	51,597	11,801	171,191	12,223	546,719	37,841	12,125	986,999	109,572	309,644	507,811	1,914,021
2012*	56,376	31,625	16,476	12,995	31,734	6,718	5,408	46,204	470	213,928	13,243	419,984	32,909	10,108	898,176	119,845	374,343	559,893	1,952,257
2013*	33,368	24,080	17,968	19,344	32,830	6,042	10,705	63,714	2,783	123,328	27,183	426,508	34,848	12,927	835,629	111,682	320,511	417,964	1,685,786
2014*	31,859	26,028	16,244	14,544	41,367	2,577	5,912	68,538	4,412	224,324	19,735	372,288	55,804	8,816	892,448	113,397	335,076	380,876	1,721,797
2015*	41,199	37,237	19,747	14,321	20,458	3,908	2,140	52,562	6,309	125,196	18,326	141,950	30,869	2,184	516,406	88,079	208,339	451,112	1,263,936
AVERAGES:																			
99-00	66,324	48,876	29,996	28,015	22,825	7,149	8,976	30,333	4,644	129,595	24,006	338,433	24,964	15,301	779,432	207,863	328,479	474,015	1,789,774
01-05	59,436	42,996	29,861	27,651	24,067	6,352	6,926	30,272	5,918	123,715	16,320	154,516	20,291	5,188	553,509	132,557	289,407	409,423	1,384,895
06-10	48,973	33,336	24,918	29,084	26,504	6,481	7,436	45,383	8,057	131,788	18,030	375,077	42,958	9,563	807,589	145,826	276,547	589,576	1,821,324
11-15	39,918	28,940	16,449	16,177	32,057	6,003	5,797	56,523	5,155	171,593	18,142	381,490	38,454	9,232	825,931	108,515	309,583	463,531	1,707,559

\* - Preliminary

ESTIMATES OF ENTIRE-SEASON GREEN-WINGED TEAL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	73,062	63,030	33,123	22,898	22,762	6,431	8,064	32,459	4,550	138,525	36,678	424,795	28,217	13,644	908,238	241,552	351,531	529,706	2,031,028
2000	59,586	34,721	26,868	33,131	25,327	9,105	14,870	36,214	4,737	127,463	11,753	268,281	22,004	17,443	691,503	190,783	350,588	418,325	1,651,197
2001	50,129	38,986	18,892	29,818	26,787	6,814	4,705	40,975	7,047	137,709	23,053	180,718	15,569	6,872	588,074	149,094	329,597	334,806	1,401,573
2002	73,773	46,209	44,911	40,954	22,832	7,539	12,393	18,426	5,039	106,911	19,244	117,052	17,967	3,219	536,469	158,560	302,838	347,474	1,345,341
2003*	100,776	48,913	42,186	29,449	35,014	9,070	8,804	37,761	5,703	109,867	16,274	233,625	16,418	4,702	698,562	137,155	285,370	368,625	1,489,713
2004*	44,959	44,168	22,829	16,814	16,662	3,922	11,892	25,850	7,021	147,814	14,852	116,333	19,777	5,129	498,022	114,969	273,326	487,240	1,373,555
2005*	27,545	36,705	20,486	21,221	24,928	7,809	7,038	39,854	5,219	125,240	8,502	149,361	32,874	7,068	513,850	120,672	356,990	508,967	1,500,479
2006*	47,199	27,609	31,577	31,879	32,575	10,017	14,862	42,816	8,222	152,955	23,852	188,222	41,440	6,404	659,629	154,612	281,833	562,655	1,658,727
2007*	49,399	48,530	26,863	39,468	30,786	9,446	10,923	46,103	6,325	88,122	29,910	334,166	57,999	14,142	792,182	157,037	370,893	631,083	1,951,194
2008*	61,592	32,128	23,100	31,259	26,957	5,239	4,889	55,962	19,005	140,527	9,450	389,490	46,877	6,375	852,850	148,908	320,899	674,810	1,997,465
2009*	49,999																		



ESTIMATES OF EARLY SEPTEMBER SEASON BLUE-WINGED TEAL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	US TOTAL
1999				23,452	6,431	14,112	45,866	6,572	43,037	10,788	235,634	13,227	38,419	437,537	24,787	170,017	632,341
2000				23,301	5,370	15,150	26,510	7,894	34,197	21,826	259,155	7,976	29,556	430,937	21,376	249,171	701,484
2001				15,196	3,310	12,135	40,330	2,487	12,743	7,684	155,550	4,738	11,453	265,628	19,600	252,156	537,384
2002				5,644	973	8,852	10,858	5,039	8,718	785	65,122	2,662	4,292	112,946	13,123	79,713	205,781
2003*				13,366	3,594	5,949	33,827	439	36,099	1,252	189,741	10,261	2,227	296,755	10,920	153,660	461,334
2004*				5,429	490	3,610	5,016	2,194	14,654	0	68,850	254	5,812	106,309	6,688	95,838	208,835
2005*				11,777	4,712	4,968	16,202	6,958	22,543	1,308	26,628	907	4,268	100,272	15,357	116,157	231,786
2006*				14,779	8,765	4,560	17,279	6,578	30,983	4,089	167,715	2,661	7,804	265,213	17,845	183,844	466,903
2007*				6,353	6,715	6,951	33,180	4,217	7,677	2,932	205,764	15,668	14,463	303,920	21,982	228,574	554,475
2008*				6,989	3,111	764	24,851	950	16,509	1,938	130,074	4,324	5,639	195,149	5,370	107,901	308,424
2009*				17,816	4,097	3,673	15,294	0	9,956	4,055	179,337	539	9,890	244,657	17,409	167,672	429,737
2010*				16,985	3,585	7,691	25,328	665	3,724	5,313	217,371	8,167	2,682	291,509	27,003	153,459	471,971
2011*				19,725	5,842	2,506	14,519	18,663	15,667	6,636	292,389	6,847	12,125	378,119	41,521	213,471	633,111
2012*				22,289	4,551	1,976	49,881	313	23,923	15,891	390,923	16,033	26,954	554,675	25,071	554,675	828,707
2013*				11,419	2,197	5,525	38,229	696	4,673	0	323,077	9,326	12,927	408,069	20,368	179,073	607,510
2014*	13,780	4,275	45,871	19,518	6,185	4,369	28,990	2,941	23,807	3,700	220,778	2,106	9,495	385,815	19,807	248,600	654,222
2015*	11,861	2,693	31,983	12,529	13,679	2,140	13,043	5,959	14,880	4,130	158,885	2,894	5,022	269,609	33,374	224,721	537,792
AVERAGES:																	
99-00				23,377	5,901	14,631	36,188	7,233	38,617	16,307	247,395	10,602	33,988	434,237	23,082	209,594	666,913
01-05				10,282	2,616	7,103	21,247	3,423	18,951	2,206	101,178	3,764	5,610	176,382	13,138	139,505	329,024
06-10				12,584	5,255	4,728	23,186	2,482	13,770	3,665	180,052	6,272	8,096	260,090	17,922	168,290	446,302
11-15				17,096	6,491	3,691	28,932	2,354	16,590	6,071	277,210	7,441	13,305	399,257	28,028	284,108	652,268

\* - Preliminary

ESTIMATES OF REGULAR-SEASON BLUE-WINGED TEAL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	67,548	41,212	8,190	51,902	6,668	1,287	3,412	3,881	2,022	4,371	0	102,435	5,290	718	298,936	57,089	107,243	58,968	522,236
2000	107,255	39,854	4,071	26,868	4,812	1,867	1,964	3,077	0	1,037	0	87,602	275	969	279,651	56,819	126,250	38,436	501,156
2001	130,801	35,625	4,820	49,404	1,288	1,752	1,486	968	829	1,645	350	132,653	452	573	362,646	52,762	123,720	42,831	581,956
2002	121,942	39,608	3,336	48,286	3,591	729	1,328	1,317	0	3,671	0	99,228	3,061	715	326,812	48,212	133,556	45,703	554,283
2003*	92,448	21,017	5,113	30,104	2,635	1,711	951	3,344	0	523	626	144,161	257	248	303,138	34,952	109,467	57,426	504,984
2004*	106,114	21,266	2,634	28,471	1,685	1,961	849	1,157	0	3,504	464	89,121	1,267	684	259,177	66,356	132,597	71,981	530,113
2005*	50,539	44,110	5,168	39,026	2,944	1,077	1,035	1,304	0	1,253	0	65,498	1,587	266	213,807	61,790	119,558	76,592	471,748
2006*	54,438	25,048	5,572	27,822	1,810	2,162	507	765	0	2,353	681	125,603	1,901	0	248,662	52,745	100,537	72,118	474,062
2007*	60,196	30,232	3,515	40,271	3,665	1,366	1,986	2,270	0	4,673	0	168,207	3,848	2,571	322,800	67,670	118,113	58,092	566,676
2008*	60,751	16,063	367	15,004	1,497	818	0	1,657	0	2,013	0	222,301	1,820	491	322,782	67,139	92,907	52,664	535,496
2009*	34,828	17,819	1,852	35,534	7,601	2,560	1,277	1,934	646	18,668	0	353,269	7,553	4,395	487,936	97,090	129,325	46,568	760,919
2010*	36,958	19,017	2,062	46,834	1,580	854	1,223	1,676	0	1,862	0	228,841	495	536	341,939	92,345	107,616	58,794	600,694
2011*	89,767	21,000	3,566	23,419	6,668	730	578	4,244	621	3,821	0	170,359	1,082	673	326,528	92,915	145,920	52,675	618,038
2012*	123,322	37,012	7,933	14,799	1,889	434	3,543	920	0	1,840	0	184,211	843	674	377,421	83,497	97,196	40,628	598,740
2013*	115,360	46,043	3,705	42,679	5,710	1,236	1,381	1,448	0	0	2,091	310,681	1,963	2,543	534,839	55,295	224,496	43,178	857,808
2014*	82,028	14,085	1,425	10,741	6,409	1,804	0	8,590	294	2,012	617	132,744	2,106	135	262,990	42,811	163,100	32,366	501,267
2015*	76,562	13,791	2,094	15,117	951	0	713	1,168	0	256	774	112,697	965	1,529	236,707	55,610	165,614	28,231	476,094
AVERAGES:																			
99-00	87,402	40,533	6,131	39,385	5,740	1,577	2,688	3,479	1,011	2,704	0	95,019	2,783	844	289,294	56,954	116,747	48,702	511,696
01-05	100,369	32,325	4,214	39,058	2,429	1,446	1,130	1,618	166	2,119	288	106,132	1,325	497	293,116	52,814	123,780	58,907	528,617
06-10	49,434	21,636	2,674	33,093	3,231	1,552	999	1,660	129	5,914	136	219,644	3,123	1,599	344,824	75,398	109,700	57,647	587,569
11-15	97,408	26,386	3,745	21,351	4,325	841	1,243	3,274	183	1,586	696	182,138	1,392	1,111	347,697	66,026	159,265	39,416	610,389

\* - Preliminary

ESTIMATES OF ENTIRE-SEASON BLUE-WINGED TEAL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	67,548	41,212	8,190	51,902	30,120	7,718	17,524	49,747	8,594	47,408	10,788	338,069	18,517	39,137	736,474	81,876	277,260	58,968	1,154,577
2000	107,255	39,854	4,071	26,868	28,113	7,237	17,114	29,587	7,894	35,234	21,826	346,757	8,251	30,525	710,586	78,195	375,421	38,436	1,202,640
2001	130,801	35,625	4,820	49,404	16,484	5,062	13,621	41,298	3,316	14,388	8,034	288,203	5,190	12,026	628,272	72,362	375,876	42,831	1,119,340
2002	121,942	39,608	3,336	48,286	9,235	1,702	10,180	12,175	5,039	12,389	785	164,350	5,723	5,007	439,757	61,335	213,269	45,703	760,064
2003*	92,448	21,017	5,113	30,104	16,001	5,305	6,900	37,171	439	36,622	1,878	333,902	10,518	2,475	599,893	45,872	263,127	57,426	966,318
2004*	106,114	21,266	2,634	28,471	7,114	2,451	4,459	6,173	2,194	18,158	464	157,971	1,521	6,496	365,486	77,147	228,435	71,981	738,948
2005*	50,539	44,110	5,168	39,026	14,721	5,789	6,003	17,506	6,958	23,796	1,308	92,126	2,494	4,534	314,078	82,372	235,715	76,592	703,534
2006*	54,438	25,048	5,572	27,822	16,589	10,927	5,067	18,044	6,578	33,336	4,770	293,318	4,562	7,804	513,875	70,590	284,381	72,118	940,965
2007*	60,196	30,232	3,515	40,271	10,018	8,081	8,937	35,450	4,217	12,350	2,932	373,971	19,516	17,034	626,720	89,652	346,687	58,092	1,121,151
2008*	60,751	16,064	367	15,004	8,486	3,929	764	26,508	950	18,522	1,939	352,378	6,144	6,130	517,937	72,503	200,806	52,663	843,920
2009*	34,828	17,819	1,852	35,534	25,417	6,657	4,950	17,228	646	28,624	4,055	532,606	8,092	14,285	732,593	114,479	296,997	46,568	1,190,637
2010*	36,958	19,017	2,062	46,798	18,565	4,439	8,914	27,004	665	5,586	5,313	446,211	8,662	3,218	633,411	119,348	261,075	58,794	1,072,665
2011*	89,767	21,000	3,566	23,419	26,393	6,572	3,084	18,763	2,484	19,488	6,636	462,748	7,929	12,798	704,647	134,436	359,391	52,675	1,251,149
2012*	123,322	37,012	7,933	14,799	24,178	4,985	7,459	50,801	313	25,763	15,891	575,134	16,876	27,628	932,096	108,568	346,157	40,628	1,427,447
2013*	115,360	46,043	3,705	42,679	17,129	3,433	6,906	39,677	696	4,673	2,091	633,758	11,289	15,470	942,908	75,663	403,569	43,178	1,465,318
2014*	82,028	27,865																	

ESTIMATES OF REGULAR-SEASON NORTHERN SHOVELER HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL	AF TOTAL	CF TOTAL	PF TOTAL	US TOTAL
1999	14,475	7,273	1,274	5,852	7,587	257	1,241	14,465	506	53,796	4,854	73,636	14,402	1,436	201,054	17,350	121,300	192,837	532,541
2000	10,349	6,642	271	5,859	13,423	1,401	842	13,018	526	59,759	5,037	68,439	8,801	1,938	196,305	17,950	102,188	131,756	448,200
2001	15,935	7,058	3,663	10,524	14,939	779	1,238	24,521	2,487	71,938	9,082	65,475	6,543	1,718	235,900	21,468	133,216	148,577	539,161
2002	10,415	6,601	2,310	2,504	4,361	0	4,426	7,403	1,680	39,002	5,105	30,175	9,982	2,503	126,467	14,688	87,628	140,152	368,935
2003*	18,323	4,203	1,704	5,017	11,295	2,225	1,904	22,617	2,193	56,241	2,817	65,296	7,696	5,445	206,976	12,748	88,270	157,744	465,739
2004*	17,313	3,926	439	3,811	7,676	654	1,911	12,539	1,755	59,253	1,857	33,968	11,410	2,393	158,905	9,865	104,482	206,157	479,409
2005*	13,174	3,864	2,399	4,496	14,133	2,558	1,449	26,073	1,305	60,532	3,924	44,686	14,510	2,134	195,237	18,672	137,817	189,925	541,650
2006*	13,610	5,408	1,238	7,390	13,573	2,959	2,364	15,903	1,973	67,065	6,133	70,675	15,207	1,601	225,099	12,496	104,394	301,358	643,347
2007*	10,798	9,016	753	10,910	16,859	3,414	2,979	32,132	6,325	68,762	18,181	85,387	20,341	3,214	289,071	15,045	141,238	369,431	814,786
2008*	10,079	1,785	733	13,962	12,480	2,620	1,070	13,990	3,801	64,828	8,239	91,493	22,528	3,923	251,531	11,415	65,212	259,185	587,346
2009*	16,666	2,690	1,441	5,574	13,065	1,536	160	24,435	3,229	70,109	8,380	99,249	31,560	4,945	283,039	19,202	138,675	202,584	643,500
2010*	19,332	5,120	2,062	10,941	18,367	1,537	1,573	41,717	886	101,939	3,438	211,635	39,103	17,432	475,080	29,651	140,154	286,577	934,639
2011*	15,697	3,027	2,674	10,962	16,113	5,294	1,927	42,440	4,969	87,888	8,033	151,028	22,344	2,694	375,091	32,087	174,748	334,732	916,658
2012*	15,856	1,911	1,424	3,610	24,934	5,852	3,170	30,113	1,410	130,197	13,243	118,120	32,065	8,760	390,664	33,027	154,950	373,731	952,372
2013*	15,731	4,498	2,223	5,527	23,790	1,785	5,870	24,617	1,391	70,881	16,728	146,431	31,658	4,238	355,369	27,862	173,526	265,103	821,859
2014*	13,549	5,206	2,280	2,685	15,731	1,289	2,313	19,327	1,471	84,499	4,317	112,597	26,849	2,035	294,147	39,505	142,535	202,570	704,756
2015*	8,240	4,413	1,496	3,023	4,441	2,487	535	17,715	3,505	49,514	5,420	34,948	17,605	1,747	155,091	22,748	84,824	281,339	544,001
AVERAGES:																			
99-00	12,412	6,958	773	5,856	10,505	829	1,042	13,742	516	56,778	4,946	71,038	11,602	1,687	198,680	17,650	111,744	162,297	490,371
01-05	15,032	5,130	2,103	5,270	10,481	1,243	2,186	18,631	1,884	57,393	4,557	47,920	10,028	2,839	184,697	15,488	110,283	168,511	478,979
06-10	14,097	4,804	1,245	9,755	14,869	2,413	1,629	25,635	3,243	74,541	8,874	111,688	25,748	6,223	304,764	17,562	117,935	283,827	724,724
11-15	13,815	3,811	2,019	5,161	17,002	3,341	2,763	26,842	2,549	84,596	9,548	112,625	26,104	3,895	314,072	31,046	146,117	296,695	787,929

\* - Preliminary

ESTIMATES OF REGULAR-SEASON PINTAIL HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL	AF TOTAL	CF TOTAL	PF TOTAL	US TOTAL
1999	8,271	5,091	5,278	3,816	3,219	515	1,396	8,468	506	29,588	10,788	69,708	5,585	1,077	153,306	25,101	129,904	230,405	538,714
2000	15,681	9,058	4,614	4,242	7,345	934	1,122	10,178	0	22,453	5,037	66,310	4,126	1,938	153,038	20,050	135,897	203,033	512,016
2001	10,623	4,369	5,205	6,724	6,697	973	743	16,777	2,073	24,664	11,876	30,467	3,385	573	125,149	20,619	136,050	159,798	441,615
2002	17,358	9,302	13,088	5,723	513	243	2,213	4,607	840	20,648	4,320	15,439	4,392	1,073	99,759	17,220	60,703	130,183	307,865
2003*	18,323	8,025	8,948	5,235	10,165	1,540	3,093	6,097	1,755	17,526	5,946	27,348	5,002	0	119,003	18,134	55,641	144,020	336,800
2004*	14,242	11,451	9,878	3,139	3,931	654	849	4,051	4,388	16,565	2,321	15,523	3,550	0	90,542	10,254	63,280	147,040	311,115
2005*	9,820	3,542	3,137	4,316	6,281	1,077	1,035	10,988	1,740	22,961	3,924	33,667	3,854	934	107,276	17,339	78,919	208,495	412,029
2006*	7,818	3,416	3,921	3,912	9,652	1,821	2,195	8,563	987	21,571	6,815	26,732	6,083	800	104,286	20,282	66,350	239,423	430,342
2007*	13,227	11,668	6,025	7,220	10,506	2,162	4,220	9,779	4,217	23,366	16,421	46,546	5,772	1,286	162,415	19,076	88,229	259,447	529,168
2008*	7,279	3,570	5,683	5,418	7,987	2,456	1,986	16,015	3,801	29,394	8,239	55,851	9,558	981	158,218	21,298	72,230	284,676	536,422
2009*	3,632	2,522	4,528	2,787	4,513	853	479	10,548	646	18,668	2,974	43,729	7,553	3,297	106,729	15,056	91,002	285,976	498,763
2010*	11,087	7,753	5,498	9,213	9,480	1,024	2,272	18,251	665	31,652	3,750	86,031	8,167	1,341	196,185	23,522	117,009	357,813	704,668
2011*	7,848	6,622	4,457	3,488	13,613	1,826	1,349	16,976	6,832	30,952	3,492	101,490	11,532	2,021	212,499	17,831	187,587	391,533	809,450
2012*	5,285	3,301	7,729	1,624	5,289	2,167	1,865	11,264	0	34,044	4,414	72,185	6,751	674	156,593	12,609	156,403	357,842	683,446
2013*	8,104	3,969	7,409	4,606	8,564	1,099	5,525	11,005	696	31,157	2,091	66,630	3,190	1,060	155,104	21,367	130,690	231,175	538,337
2014*	2,563	4,593	4,275	1,566	8,448	1,289	4,626	10,558	2,059	29,843	1,850	34,497	9,476	0	115,644	17,685	107,608	230,528	471,466
2015*	8,240	7,999	2,094	4,615	4,282	355	357	8,566	2,804	17,189	13,164	18,629	7,235	218	95,746	17,501	84,569	249,372	447,189
AVERAGES:																			
99-00	11,976	7,075	4,946	4,029	5,282	725	1,259	9,323	253	26,021	7,913	68,009	4,856	1,508	153,172	22,576	132,901	216,719	525,365
01-05	14,073	7,338	8,051	5,027	5,517	897	1,587	8,504	2,159	20,473	5,677	24,489	4,037	516	108,346	16,713	78,919	157,907	361,885
06-10	8,609	5,786	5,131	5,710	8,428	1,663	2,230	12,631	2,063	24,930	7,640	51,778	7,427	1,541	145,567	19,847	86,964	285,467	539,873
11-15	6,408	5,297	5,193	3,180	8,039	1,347	2,744	11,674	2,478	28,637	5,002	58,686	7,637	795	147,117	17,399	133,371	292,090	589,978

\* - Preliminary

DF 09/15/16

ESTIMATES OF SPECIAL WOOD DUCK SEASON HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	KY	TN	MF TOTAL	AF TOTAL (FL)	US TOTAL
1999	22,243	30,206	54,222	7,251	61,635
2000	23,683	23,086	47,599	4,290	52,151
2001	16,581	19,561	36,979	3,499	40,478
2002	21,415	13,746	35,161	3,616	38,777
2003*	8,774	15,961	24,734	1,070	26,061
2004*	11,848	20,422	32,270	1,122	33,737
2005*	2,609	7,194	9,803	1,702	11,505
2006*	13,156	19,763	33,260	1,926	35,278
2007*	14,407	14,075	28,482	2,413	31,135
2008*	27,557	7,027	34,584	1,557	36,141
2009*	11,948	11,624	23,572	1,231	24,803
2010*	1,994	16,250	18,244	4,457	22,701
2011*	6,832	16,065	22,897	1,590	24,487
2012*	1,880	12,360	15,130	627	15,757
2013*	5,565	8,364	13,929	905	14,834
2014*	2,941	5,550	8,763	2,551	11,314
2015*	6,309	5,420	11,730	2,303	14,033
AVERAGES:					
99-00	22,963	26,646	50,911	5,771	56,893
01-05	12,245	15,377	27,789	2,202	30,112
06-10	13,812	13,748	27,628	2,317	30,012
11-15	4,705	9,552	14,490	1,595	16,085

\* - Preliminary

ESTIMATES OF REGULAR-SEASON WOOD DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	151,639	78,303	45,862	36,891	52,192	16,978	24,192	28,225	8,088	119,360	55,556	196,689	49,085	61,399	924,459	391,514	124,492	52,247	1,492,715
2000	126,699	69,744	50,479	28,687	45,336	11,907	30,300	14,912	13,158	81,521	19,727	160,908	29,430	78,493	761,301	378,122	118,688	54,547	1,312,657
2001	105,903	52,429	27,568	45,603	44,816	13,434	21,050	14,518	13,680	58,783	33,183	70,017	43,999	52,684	597,152	399,985	112,709	54,200	1,164,045
2002	125,848	68,714	39,522	42,384	36,171	20,915	24,344	6,581	7,559	87,639	25,527	68,070	50,973	56,507	660,754	347,202	84,721	34,503	1,127,181
2003*	129,926	80,630	32,598	38,611	32,002	15,060	28,315	20,454	15,354	80,831	30,669	116,813	44,124	46,031	711,418	336,934	75,782	40,962	1,165,097
2004*	127,616	79,829	39,732	52,906	28,268	14,379	26,968	18,326	5,265	91,747	18,102	77,981	40,314	75,903	697,336	264,438	74,280	35,711	1,071,768
2005*	98,204	77,596	32,113	38,127	31,013	17,099	17,389	25,514	13,482	119,812	22,890	109,572	26,752	34,142	663,705	321,780	67,386	55,545	1,108,416
2006*	81,658	72,297	43,961	26,662	21,716	15,367	10,977	12,080	10,524	81,968	39,525	131,828	19,009	34,220	601,792	330,722	49,563	58,845	1,040,922
2007*	80,981	67,889	48,203	34,174	19,302	15,478	11,419	13,796	12,649	68,094	24,046	114,920	44,255	37,925	593,131	334,952	75,533	53,088	1,056,706
2008*	78,949	81,034	37,217	38,344	30,701	16,536	15,585	14,359	6,652	55,969	14,055	152,856	37,320	48,546	628,123	363,920	55,316	60,318	1,107,679
2009*	53,204	72,286	36,072	45,114	31,593	14,339	18,365	8,790	10,334	51,441	12,705	157,227	27,244	81,865	622,579	356,270	47,773	45,659	1,072,281
2010*	77,897	80,455	55,324	55,472	36,734	23,561	24,470	18,437	2,215	111,248	32,813	278,165	59,150	45,054	900,995	448,363	56,672	49,688	1,455,719
2011*	150,593	97,245	41,232	43,349	50,285	20,082	18,117	21,220	18,012	90,945	22,002	225,937	54,059	52,204	905,281	416,006	46,556	41,627	1,409,470
2012*	184,396	67,594	59,394	18,229	20,778	8,669	15,664	13,792	2,036	62,108	38,846	166,400	54,426	52,561	764,894	444,727	32,050	37,648	1,279,318
2013*	149,681	104,524	28,341	35,924	58,999	10,024	19,683	13,612	2,783	50,889	14,637	158,439	50,555	62,730	760,820	325,518	33,296	26,184	1,145,818
2014*	114,620	76,247	37,333	16,111	38,453	8,118	12,594	25,232	2,647	65,051	20,352	114,253	39,484	23,194	593,688	401,405	43,334	29,317	1,067,743
2015*	130,465	117,503	56,848	29,915	31,084	8,527	9,095	11,096	1,753	39,765	6,711	40,953	29,422	32,972	546,108	314,935	40,111	25,957	927,112
AVERAGES:																			
99-00	139,169	74,024	48,171	32,789	48,764	14,443	27,246	21,569	10,623	100,441	37,642	178,799	39,258	69,946	842,880	384,818	121,590	53,397	1,402,686
01-05	117,499	71,840	34,307	43,526	34,351	16,177	23,613	17,149	11,068	87,762	26,074	88,491	41,232	53,053	666,073	334,068	82,976	44,184	1,127,301
06-10	74,538	74,792	44,555	39,953	28,009	17,056	16,163	13,492	8,475	73,744	24,629	166,999	37,396	49,522	669,324	366,845	56,971	53,520	1,146,661
11-15	145,951	92,623	44,630	28,706	39,920	11,084	15,031	16,990	5,446	61,752	20,510	141,196	45,589	44,732	714,158	380,518	39,069	32,147	1,165,892

\* - Preliminary

ESTIMATES OF ENTIRE-SEASON WOOD DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL	AF TOTAL	CF TOTAL	PF TOTAL	US TOTAL
1999	151,639	78,303	45,862	36,891	52,422	18,522	24,192	28,225	30,331	119,360	85,762	196,689	49,085	61,399	978,682	398,765	124,655	52,247	1,554,350
2000	126,699	69,744	50,479	28,687	45,336	11,907	30,300	14,912	13,158	81,866	42,813	160,908	29,430	78,978	808,900	382,412	118,950	54,547	1,364,808
2001	105,903	52,429	27,568	45,603	44,816	13,434	21,050	14,841	30,261	58,783	52,744	70,017	43,999	52,684	634,132	403,484	112,709	54,200	1,204,524
2002	125,848	68,714	39,522	42,384	36,171	20,915	24,344	6,581	28,974	87,639	39,273	68,070	50,973	56,507	695,915	350,818	84,721	34,503	1,165,958
2003*	129,926	80,630	32,598	38,611	32,002	15,060	28,315	20,454	24,128	80,831	46,630	116,813	44,124	46,031	736,153	338,004	76,038	40,962	1,191,158
2004*	127,616	79,829	39,732	52,906	28,268	14,379	26,968	18,326	17,113	91,747	38,524	77,981	40,314	75,903	729,606	265,560	74,626	35,711	1,105,505
2005*	98,204	77,596	32,113	38,127	31,013	17,099	17,389	25,514	16,091	119,812	30,084	109,572	26,752	34,142	673,508	323,482	67,386	55,545	1,119,921
2006*	81,658	72,297	43,961	26,662	21,716	15,708	10,977	12,080	23,680	81,968	59,288	131,828	19,009	34,220	635,052	332,648	49,655	58,845	1,076,200
2007*	80,981	67,889	48,203	34,174	19,302	15,478	11,419	13,796	27,056	68,094	38,121	114,920	44,255	37,925	621,613	337,365	75,772	53,088	1,087,841
2008*	78,949	81,034	37,217	38,344	30,701	16,536	15,585	14,359	34,209	55,969	21,082	152,856	37,320	48,546	662,707	365,466	55,316	60,318	1,143,820
2009*	53,204	72,286	36,072	45,114	31,831	15,363	18,365	8,790	22,282	51,441	24,329	157,227	27,244	81,865	647,413	357,501	47,773	45,659	1,098,346
2010*	77,897	80,455	55,324	55,472	36,734	23,561	24,470	18,437	4,209	111,248	49,063	278,165	59,150	45,054	919,239	453,057	56,905	49,688	1,478,889
2011*	150,593	97,245	41,232	43,349	50,285	20,082	18,117	21,220	24,844	90,945	38,067	225,937	54,059	52,204	928,178	417,596	46,556	41,627	1,433,957
2012*	184,396	67,594	59,394	18,229	20,778	8,669	15,664	13,792	3,916	62,108	51,206	166,869	54,848	52,561	780,024	445,354	32,050	37,648	1,295,075
2013*	149,681	104,524	28,341	35,924	58,999	10,024	19,683	13,612	8,348	50,889	23,001	158,439	50,555	62,942	774,961	326,423	33,296	26,184	1,160,864
2014*	114,620	76,247	37,333	16,111	38,453	8,118	12,594	25,232	5,588	65,051	25,902	114,253	39,484	23,465	602,451	403,956	43,851	29,317	1,079,574
2015*	130,465	117,503	56,848	29,915	31,084	8,527	9,095	11,096	8,062	39,765	12,131	40,953	29,422	32,972	557,838	317,238	40,531	25,957	941,564
AVERAGES:																			
99-00	139,169	74,024	48,171	32,789	48,879	15,215	27,246	21,569	33,586	100,613	64,288	178,799	39,258	70,189	893,791	390,589	121,803	53,397	1,459,579
01-05	117,499	71,840	34,307	43,526	34,454	16,177	23,613	17,143	23,313	87,762	41,451	88,491	41,232	53,053	693,863	336,270	83,096	44,184	1,157,413
06-10	74,538	74,792	44,555	39,953	28,057	17,329	16,163	13,492	22,287	73,744	38,377	166,999	37,396	49,522	697,205	369,207	57,084	53,520	1,177,019
11-15	145,951	92,623	44,630	28,706	39,920	11,084	15,031	16,990	10,152	61,752	30,061	141,290	45,674	44,829	728,690	382,113	39,257	32,147	1,182,207

\* - Preliminary

DF 9/15/16

ESTIMATES OF REGULAR-SEASON REDHEAD HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL	AF TOTAL	CF TOTAL	PF TOTAL	US TOTAL
1999	19,644	7,273	8,554	1,527	2,759	515	620	2,117	0	2,354	0	15,709	294	359	61,725	3,814	99,938	16,831	182,306
2000	16,621	4,529	10,041	606	3,546	233	281	1,894	3,158	1,036	0	6,388	275	0	48,608	7,457	86,745	14,982	157,792
2001	20,583	9,074	8,675	3,216	1,288	973	495	1,613	0	1,644	699	3,785	677	0	52,722	7,308	93,211	11,704	164,945
2002	13,019	4,801	3,593	2,146	1,026	486	443	823	0	0	393	702	133	0	27,565	2,324	29,557	10,917	70,363
2003*	11,660	6,114	2,344	654	2,447	171	476	1,573	1,316	1,570	1,565	4,028	128	495	34,541	5,570	34,400	22,922	97,433
2004*	9,494	4,908	3,293	897	1,498	490	1,062	386	1,755	1,593	5,570	3,287	761	342	35,336	5,196	35,093	22,218	97,842
2005*	16,767	8,693	12,181	1,259	3,337	135	1,242	3,166	1,740	2,505	1,962	7,346	1,587	133	62,053	9,291	76,684	20,881	168,908
2006*	24,613	7,400	11,971	1,449	4,223	114	1,182	2,600	0	3,138	1,363	9,887	760	800	69,500	1,984	79,324	26,349	177,157
2007*	18,896	5,304	12,051	1,284	3,421	569	1,241	2,270	703	4,339	1,759	9,630	275	1,286	63,028	7,235	84,811	18,957	174,031
2008*	10,079	4,641	12,283	625	2,746	0	917	184	0	5,637	485	4,777	0	736	43,110	7,359	51,439	17,776	119,683
2009*	8,974	7,733	19,345	697	2,138	0	798	2,285	0	2,489	2,433	10,809	2,158	0	59,859	12,129	79,976	17,850	169,814
2010*	18,479	18,578	18,728	2,303	2,567	1,024	1,923	3,911	222	3,724	938	33,265	1,732	1,609	109,003	24,127	89,796	21,146	244,072
2011*	18,640	19,487	28,305	2,491	7,223	1,095	771	2,904	0	6,878	2,445	61,619	0	3,368	155,227	9,893	122,976	33,322	321,419
2012*	22,315	6,429	18,307	2,527	4,911	650	1,678	1,839	313	6,441	1,766	28,124	2,531	1,348	99,179	19,394	137,357	29,834	285,764
2013*	19,544	12,172	17,968	3,070	2,855	961	3,108	2,027	696	5,452	1,045	46,486	491	5,722	121,598	35,902	134,459	18,242	310,201
2014*	25,268	22,660	29,924	2,238	6,991	773	1,028	5,548	1,471	4,694	0	19,318	790	2,170	122,872	27,319	164,492	16,879	331,563
2015*	16,480	14,619	23,338	955	1,903	178	357	2,531	0	2,052	1,549	17,243	2,170	2,839	86,213	26,169	110,565	11,482	234,428
AVERAGES:																			
99-00	18,133	5,901	9,298	1,067	3,153	374	451	2,006	1,579	1,695	0	11,049	285	180	55,167	5,636	93,342	15,907	170,049
01-05	14,305	6,718	6,017	1,634	1,919	451	744	1,512	962	1,462	2,038	3,830	657	194	42,443	5,938	53,789	17,728	119,898
06-10	16,208	8,731	14,876	1,272	3,019	341	1,212	2,250	185	3,865	1,396	13,674	985	886	68,900	10,567	77,069	20,416	176,951
11-15	20,449	15,073	23,568	2,256	4,777	731	1,388	2,970	496	5,103	1,361	34,558	1,196	3,089	117,018	23,735	133,970	21,952	296,675

\* - Preliminary

ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL	AF TOTAL	CF TOTAL	PF TOTAL	US TOTAL
1999	9,994	5,576	3,458	254	4,139	0	620	706	506	336	2,158	12,763	0	0	40,510	5,566	33,639	20,127	99,841
2000	8,781	7,246	4,071	202	5,319	0	1,964	710	526	1,036	1,259	17,034	550	485	49,183	16,474	26,960	20,029	112,646
2001	4,316	2,689	964	1,462	0	0	248	0	0	411	349	568	0	573	11,580	1,578	13,993	9,482	36,631
2002	434	0	0	0	0	0	0	0	0	0	0	140	0	0	574	0	1,208	1,187	2,970
2003*	2,915	2,675	1,065	436	565	171	0	197	0	262	939	212	385	0	9,822	4,738	8,005	11,381	33,945
2004*	4,747	1,636	0	448	936	0	0	0	878	0	464	1,461	254	0	10,824	9,772	8,857	15,026	44,479
2005*	8,623	4,830	1,476	180	4,711	404	414	931	435	835	1,308	7,040	0	1,600	32,787	4,433	17,470	9,729	64,420
2006*	13,030	7,400	2,270	725	10,255	114	169	765	0	2,353	0	6,958	0	1,601	45,640	1,228	18,031	26,987	91,885
2007*	8,098	8,486	2,008	642	8,552	114	496	1,222	351	1,335	5,865	18,297	0	964	56,430	6,988	15,254	46,533	125,207
2008*	280	0	0	0	0	0	184	0	403	0	367	0	0	0	1,234	68	15,963	1,007	18,172
2009*	3,846	2,354	823	174	2,613	0	0	527	646	2,489	1,081	8,353	1,079	3,846	27,831	7,389	17,250	17,923	70,393
2010*	13,362	9,216	1,546	1,919	5,925	171	175	1,490	222	1,862	4,063	29,824	247	2,682	72,703	22,989	24,825	25,168	145,686
2011*	9,811	7,757	2,452	1,993	4,167	365	193	1,340	1,242	2,293	349	32,018	0	4,378	68,358	5,349	42,041	25,113	140,862
2012*	4,114	3,997	3,458	1,263	4,911	433	0	919	0	1,880	883	27,186	844	2,695	52,081	3,903	26,786	34,479	117,249
2013*	8,100	10,055	2,408	921	4,282	549	345	290	0	3,895	1,045	36,801	1,472	5,934	76,103	13,111	32,045	38,453	159,712
2014*	6,592	8,268	1,710	1,119	4,078	258	0	1,074	294	1,341	0	15,179	526	3,120	43,558	5,630	35,004	24,071	108,263
2015*	12,703	3,034	898	636	3,330	0	178	389	701	513	1,807	5,850	0	655	30,696	1,909	21,699	31,912	86,215
AVERAGES:																			
99-00	9,388	6,411	3,765	228	4,729	0	1,292	708	516	686	1,709	14,899	275	243	44,847	11,020	30,300	20,078	106,244
01-05	4,207	2,366	701	505	1,242	115	132	226	263	302	612	1,884	128	435	13,117	4,104	9,907	9,361	36,489
06-10	7,723	5,491	1,329	692	5,469	80	168	838	244	1,688	2,202	12,760	265	1,819	40,768	7,732	18,245	23,524	90,269
11-15	8,264	6,622	2,185	1,186	4,154	321	143	802	447	1,884	817	23,407	568	3,356	54,159	5,980	31,515	30,806	122,460

\* - Preliminary

ESTIMATES OF REGULAR SEASON LESSER SCAUP HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	21,712	14,545	6,552	4,834	14,485	0	3,257	2,823	0	2,017	539	8,509	1,176	359	80,808	64,263	37,744	29,260	212,075
2000	25,403	6,642	5,156	2,424	11,144	233	7,295	2,840	1,579	19,689	2,938	92,469	5,226	969	184,007	32,331	83,331	31,353	331,022
2001	36,850	6,049	8,482	8,185	7,469	584	5,944	7,421	1,244	18,909	6,986	59,419	2,708	573	170,824	111,237	71,917	30,222	384,200
2002	46,434	20,104	16,168	6,080	9,748	1,702	3,541	987	7,558	6,424	4,713	53,473	4,126	1,073	182,132	85,457	87,438	32,866	387,893
2003*	34,147	14,903	13,849	2,836	5,271	513	3,569	4,130	1,755	16,480	3,755	34,556	5,387	4,455	145,606	60,939	45,008	39,032	290,587
2004*	12,008	10,797	12,951	1,345	5,429	490	1,486	2,315	5,704	8,283	4,641	25,933	11,156	5,812	108,350	54,891	66,799	52,347	282,388
2005*	12,934	9,015	7,013	899	13,151	539	2,484	3,725	4,349	12,941	3,924	36,728	2,721	934	111,357	63,698	54,442	29,471	258,968
2006*	21,717	10,247	10,526	2,029	6,937	228	1,520	2,905	658	9,413	1,363	29,295	4,182	200	101,220	46,619	50,948	34,723	233,508
2007*	12,147	5,834	6,779	1,604	14,416	569	3,475	2,619	3,514	10,681	5,865	11,235	4,123	1,928	84,789	46,594	40,662	52,006	224,053
2008*	10,639	8,924	8,983	1,876	6,240	164	917	1,289	2,851	12,885	1,696	34,540	3,641	2,697	97,342	25,791	29,014	27,414	179,561
2009*	10,043	9,246	9,261	174	9,027	853	2,395	2,285	1,615	2,904	4,055	52,081	5,934	1,648	111,521	35,908	44,029	30,608	222,066
2010*	14,783	13,019	8,591	768	6,912	171	3,321	2,980	997	2,793	2,813	93,487	3,960	2,682	157,275	67,005	39,851	23,171	287,907
2011*	5,396	16,081	9,584	1,495	6,390	183	2,313	1,787	6,832	4,203	3,842	44,704	4,685	7,410	114,903	46,195	43,537	22,791	227,427
2012*	17,617	15,986	8,340	2,346	19,267	650	2,797	2,069	1,410	25,763	883	194,524	3,797	12,129	307,579	153,057	110,847	62,797	634,281
2013*	10,011	25,932	11,855	1,535	3,331	0	7,597	5,503	6,956	1,558	0	20,919	982	1,695	97,873	60,416	46,632	41,363	246,285
2014*	2,563	20,516	8,550	1,119	6,700	773	4,112	2,326	2,647	8,048	1,233	94,383							

ESTIMATES OF REGULAR-SEASON GREATER SCAUP HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	2,412	727	2,912	254	1,839	0	0	0	506	0	0	327	294	0	9,271	8,305	2,803	19,358	39,739
2000	3,450	4,529	6,785	0	760	0	842	0	0	345	0	1,825	550	0	19,086	12,850	2,446	19,384	53,766
2001	1,992	1,680	2,313	585	0	0	0	323	0	0	349	1,135	226	0	8,603	8,505	1,802	15,736	34,646
2002	5,207	6,901	10,779	537	770	0	1,770	165	420	0	785	1,404	133	358	29,229	17,639	3,740	19,989	70,596
2003*	416	2,675	4,900	0	188	0	476	197	439	2,093	0	1,272	128	247	13,031	17,344	1,257	16,122	47,754
2004*	3,072	5,235	7,683	448	2,434	163	1,062	0	1,316	2,230	464	1,644	254	2,051	28,056	16,837	3,667	22,958	71,518
2005*	1,437	5,474	10,335	180	1,963	539	207	186	435	2,087	0	1,836	0	133	24,812	18,237	2,518	12,447	58,014
2006*	1,737	3,700	13,415	0	603	114	0	153	0	784	0	366	380	200	21,452	10,523	2,678	13,125	47,780
2007*	1,890	3,978	9,791	160	1,222	114	496	0	351	0	1,759	642	275	1,286	21,964	13,154	2,963	32,752	70,833
2008*	840	5,712	7,333	0	1,248	655	306	184	950	1,611	1,454	3,674	683	0	24,650	10,646	2,656	11,514	49,465
2009*	1,496	8,574	5,556	0	1,188	171	319	703	323	830	811	2,948	0	1,648	24,567	12,794	1,505	16,273	55,139
2010*	1,421	6,290	3,780	192	1,580	0	699	186	665	1,396	3,125	2,294	990	1,073	23,692	23,535	1,672	18,495	69,814
2011*	1,962	13,622	8,023	997	2,778	0	0	223	1,242	382	349	2,416	0	1,684	33,680	6,265	3,455	16,024	59,423
2012*	2,936	9,383	10,374	0	3,400	0	1,305	0	0	3,220	1,766	6,562	0	2,022	40,968	19,231	1,807	35,894	97,900
2013*	3,814	28,049	8,335	0	476	137	2,072	290	3,478	1,039	0	1,162	0	212	49,064	23,227	3,401	6,533	82,224
2014*	366	22,660	8,265	224	291	258	771	179	588	335	0	3,312	0	678	97,927	9,700	3,629	10,838	62,093
2015*	2,060	12,964	6,283	318	159	178	178	0	0	257	0	2,001	0	655	25,053	5,202	3,340	6,655	40,251
AVERAGES:																			
99-00	2,931	2,628	4,849	127	1,300	0	421	0	253	173	0	1,076	422	0	14,179	10,578	2,625	19,371	46,753
01-05	2,425	4,393	7,202	350	1,071	140	703	174	522	1,282	320	1,458	148	558	20,746	15,712	2,597	17,450	56,506
06-10	1,477	5,651	7,975	70	1,168	211	364	245	458	924	1,430	1,985	466	841	23,265	14,130	2,295	18,432	58,606
11-15	2,228	17,336	8,256	308	1,421	115	865	138	1,062	1,047	423	3,091	0	1,050	37,338	12,725	3,126	15,189	68,378

\* - Preliminary

ESTIMATES OF REGULAR-SEASON RING-NECKED DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	103,735	14,061	9,464	1,527	11,496	2,315	2,171	7,409	2,022	19,501	4,315	68,726	10,581	7,181	264,504	147,511	94,044	47,040	553,100
2000	104,119	24,154	4,614	4,040	8,358	1,634	2,525	5,917	1,579	22,107	9,654	52,014	4,676	12,113	257,504	95,470	108,912	34,267	496,154
2001	85,652	18,485	5,398	3,508	12,363	4,673	2,724	4,840	2,073	28,364	6,637	43,145	1,354	11,453	230,669	89,486	79,473	38,507	438,133
2002	88,527	20,404	16,168	3,934	11,544	2,189	5,311	3,290	1,680	19,271	11,782	34,386	4,126	16,451	239,063	96,626	73,501	35,960	445,152
2003*	72,459	17,960	12,997	4,799	10,354	3,936	952	19,470	877	17,526	8,450	43,036	5,259	12,127	230,202	112,806	62,363	36,326	441,697
2004*	75,118	9,815	8,561	5,380	14,228	1,307	1,486	9,645	2,633	16,247	17,637	52,414	5,832	13,676	233,979	74,349	66,851	58,350	433,530
2005*	75,689	12,557	7,567	3,237	12,562	539	5,175	14,154	435	24,213	7,848	65,498	4,081	6,535	240,090	109,021	76,343	49,729	475,184
2006*	80,499	23,909	10,319	3,188	13,271	3,529	4,053	12,080	987	20,002	2,726	164,053	2,281	12,807	353,704	144,491	87,114	71,264	656,574
2007*	68,024	14,586	9,289	3,690	18,325	2,276	2,731	7,684	4,568	29,374	18,767	37,237	6,047	18,641	241,239	120,756	75,796	65,642	503,433
2008*	80,629	16,778	5,683	3,543	10,733	2,947	306	8,468	0	24,562	12,843	53,279	16,384	15,201	251,356	131,717	67,090	50,427	500,592
2009*	45,726	10,759	11,936	6,271	16,153	3,414	319	10,899	2,583	12,030	10,002	39,307	10,250	6,593	186,242	116,445	68,939	38,024	409,650
2010*	88,984	22,235	11,512	4,799	7,505	3,073	699	9,684	222	12,568	9,375	90,619	1,237	5,900	268,411	94,349	67,176	60,390	491,083
2011*	63,278	21,946	13,372	2,242	16,669	1,826	1,156	11,392	11,180	11,846	6,985	70,681	9,370	17,513	259,457	152,132	86,517	46,242	544,348
2012*	75,755	7,298	6,509	541	10,956	3,034	1,865	6,206	1,723	25,763	2,649	145,776	14,345	22,237	324,658	179,582	79,329	67,874	651,443
2013*	31,938	10,320	6,113	2,456	11,419	961	2,417	6,371	696	13,242	6,273	134,034	4,908	9,749	240,898	143,078	66,950	46,647	497,572
2014*	67,014	16,536	9,690	2,909	12,526	2,190	514	7,337	6,177	30,849	3,700	75,617	6,581	9,088	250,727	117,832	83,392	46,106	498,507
2015*	64,546	25,928	17,054	3,023	6,978	355	0	8,760	2,103	10,005	6,969	25,711	5,064	6,987	183,485	130,249	55,599	44,287	413,620
AVERAGES:																			
99-00	103,927	19,108	7,039	2,784	9,927	1,975	2,348	6,663	1,801	20,804	6,985	60,370	7,629	9,647	261,004	121,491	101,478	40,654	524,627
01-05	79,489	15,844	10,138	4,172	12,210	2,529	3,130	10,280	1,540	21,124	10,471	47,696	4,130	12,048	234,801	96,458	71,706	43,774	446,739
06-10	72,772	17,653	9,748	4,298	13,197	3,048	1,622	9,763	1,672	19,707	10,743	76,899	7,240	11,828	260,190	121,552	73,223	57,149	512,266
11-15	60,506	16,406	10,548	2,234	11,710	1,673	1,190	8,013	4,376	18,341	5,315	90,364	8,054	13,115	251,845	144,575	74,357	50,231	521,008

\* - Preliminary

ESTIMATES OF REGULAR-SEASON GOLDENEY<sup>1</sup> HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	8,960	3,636	3,822	1,272	2,759	0	620	0	1,517	0	0	0	0	0	22,586	9,690	3,208	19,250	54,734
2000	8,154	1,812	2,443	1,010	1,266	934	561	0	0	1,036	839	0	0	0	18,055	11,539	8,150	25,172	62,916
2001	8,300	2,016	4,434	0	1,030	195	743	645	1,244	822	699	189	226	2,863	23,406	6,097	6,475	15,359	51,337
2002	15,189	7,802	9,496	894	770	0	885	165	0	459	0	0	0	0	35,660	12,183	8,387	37,046	93,276
2003*	9,578	8,025	5,540	654	565	513	476	393	439	1,308	313	0	0	495	28,299	13,439	11,777	47,202	100,717
2004*	9,494	4,908	11,195	0	2,621	163	849	193	0	0	0	183	0	684	30,290	13,036	7,888	30,215	81,429
2005*	7,186	5,152	3,507	360	1,963	942	1,242	1,490	435	417	327	0	0	400	23,421	18,838	3,380	31,055	76,695
2006*	3,185	5,978	5,160	0	905	114	1,013	306	329	784	0	732	0	1,401	19,907	12,743	7,860	40,988	81,496
2007*	9,448	4,773	4,017	160	4,154	683	496	524	351	0	586	963	0	321	26,476	14,739	8,215	32,889	82,321
2008*	11,198	5,712	5,133	625	3,245	164	458	1,473	0	805	727	0	0	0	29,540	15,885	5,021	35,963	86,412
2009*	7,051	5,379	5,556	174	2,851	853	639	3,867	0	0	1,622	1,474	0	549	30,015	12,917	5,486	40,222	88,640
2010*	4,833	9,655	3,952	1,344	7,307	341	175	931	665	3,258	313	0	0	805	33,578	14,645	9,077	20,835	80,859
2011*	9,320	14,000	1,783	1,246	4,167	365	4,626	223	621	0	1,746	1,208	0	0	39,306	12,474	9,888	36,317	97,985
2012*	4,111	13,032	3,661	180	3,022	433	373	0	313	460	0	469	0	0	26,055	12,687	13,708	30,326	82,776
2013*	1,430	9,526	7,409	0	2,379	137	1,036	0	4,174	0	2,091	775	0	636	29,593	14,689	10,314	32,048	86,645
2014*	1,099	6,430	12,539	0	6,409	387	3,341	716	294	0	617	552	526	0	32,910	7,884	6,785	34,315	81,894
2015*	3																		

ESTIMATES OF REGULAR-SEASON BUFFLEHEAD HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	28,605	11,636	27,481	1,018	6,438	4,373	1,396	0	0	4,035	1,618	2,291	3,527	3,950	96,368	61,312	12,129	30,497	200,305
2000	10,349	7,850	11,127	0	7,092	467	1,122	0	2,105	5,181	420	2,738	275	0	48,726	48,332	13,386	20,611	131,055
2001	11,287	15,796	10,217	877	5,409	779	3,467	323	2,073	4,111	1,746	2,271	677	2,863	61,896	40,392	14,275	28,871	145,435
2002	18,226	18,304	20,018	1,073	3,335	243	5,311	494	3,779	1,835	4,320	982	266	1,073	79,259	60,774	11,130	27,901	179,065
2003*	10,411	24,839	23,863	873	2,635	1,027	5,949	590	0	2,354	939	1,060	128	1,237	75,905	54,571	9,564	36,667	176,706
2004*	8,936	12,105	21,073	224	1,685	2,941	1,062	193	3,510	956	1,392	1,278	1,014	3,419	59,788	52,265	13,436	45,567	171,058
2005*	3,832	13,201	15,687	360	1,767	1,346	2,691	0	0	835	0	1,224	680	400	42,023	55,941	14,514	29,234	141,713
2006*	6,950	18,786	34,467	725	2,111	2,618	5,911	153	0	784	3,407	2,197	380	400	78,889	60,927	15,509	36,038	191,362
2007*	9,718	8,486	26,110	1,284	733	1,252	3,227	0	3,162	3,338	0	963	825	1,286	60,384	79,340	13,576	44,188	197,487
2008*	17,358	16,242	36,667	625	6,240	819	3,361	368	9,502	805	485	6,247	683	1,716	101,118	84,702	14,459	42,729	243,010
2009*	12,607	16,643	30,046	174	5,226	512	7,186	176	969	0	5,407	3,439	0	8,791	91,176	84,532	20,600	35,594	231,902
2010*	17,058	14,774	21,992	576	3,752	2,902	3,845	186	886	2,327	6,875	2,868	0	1,609	79,652	76,125	16,807	25,239	199,487
2011*	7,358	22,325	19,836	2,242	5,834	1,460	1,349	2,234	1,863	1,146	3,492	2,416	2,883	3,705	78,145	74,295	26,060	36,461	214,960
2012*	3,523	16,334	23,392	1,985	6,800	650	1,678	1,379	313	2,300	883	4,219	1,266	2,695	67,418	115,572	13,703	50,037	246,730
2013*	14,777	22,228	34,268	921	3,806	824	3,798	290	696	1,298	0	3,099	245	2,119	88,370	84,955	15,426	35,233	223,984
2014*	15,014	14,392	20,804	2,461	3,204	1,289	7,968	895	0	1,341	0	1,380	0	1,899	70,647	78,452	16,438	40,552	206,089
2015*	23,690	13,791	14,362	0	1,744	1,066	1,248	973	1,753	4,361	2,581	1,694	3,617	2,184	73,064	70,999	26,185	38,435	208,683
AVERAGES:																			
99-00	19,477	9,743	19,304	509	6,765	2,420	1,259	0	1,053	4,608	1,019	2,515	1,901	1,975	72,547	54,822	12,758	25,554	165,680
01-05	10,538	16,849	18,172	681	2,966	1,267	3,696	320	1,872	2,018	1,679	1,363	553	1,798	63,774	52,789	12,584	33,648	162,795
06-10	12,738	14,986	29,856	677	3,612	1,621	4,706	177	2,904	1,451	3,235	3,143	378	2,760	82,244	77,125	16,190	36,758	212,650
11-15	12,872	17,814	22,532	1,522	4,278	1,058	3,208	1,154	925	2,089	1,391	2,562	1,602	2,520	75,529	84,855	19,562	40,144	220,089

\* - Preliminary

ESTIMATES OF REGULAR-SEASON RUDDY DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	4,480	4,364	546	0	230	515	1,086	0	0	672	1,079	1,309	1,764	359	16,404	29,188	7,409	11,607	64,607
2000	1,568	1,510	271	0	1,013	1,167	281	0	0	0	0	608	0	0	6,418	11,029	5,906	2,863	26,217
2001	664	0	1,542	292	1,288	0	0	0	0	822	0	0	0	0	4,608	7,506	4,073	5,452	21,339
2002	2,170	300	513	537	0	243	443	0	0	0	0	140	133	0	4,479	7,288	2,020	2,879	16,665
2003*	833	4,203	1,704	436	188	0	1,904	787	0	262	626	0	0	0	10,943	2,474	1,748	5,632	20,797
2004*	1,955	0	220	0	374	0	637	386	0	0	464	0	507	684	5,227	4,037	2,009	6,428	17,971
2005*	479	644	1,476	0	0	269	207	186	0	0	0	306	0	667	4,234	11,709	2,489	5,742	24,175
2006*	1,158	6,831	1,445	0	302	228	676	765	0	5,883	0	2,563	0	400	20,251	7,026	4,918	7,415	39,609
2007*	1,350	1,326	3,766	321	733	228	0	0	351	1,001	1,173	321	0	321	10,891	8,679	3,837	6,130	29,538
2008*	280	1,606	917	0	749	0	611	0	2,851	3,221	0	735	0	0	10,970	11,860	2,485	4,880	30,195
2009*	214	1,849	4,733	174	238	341	479	0	0	1,245	1,352	0	1,618	0	12,243	9,275	6,711	6,536	34,765
2010*	1,421	1,317	2,234	384	790	0	350	0	554	0	0	1,147	0	0	8,196	21,427	8,427	17,048	55,098
2011*	1,962	1,892	1,114	2,491	1,111	0	385	223	0	764	2,445	4,229	721	4,378	21,717	5,531	10,050	9,449	46,746
2012*	2,349	1,216	1,627	0	2,267	217	1,865	919	0	920	883	4,219	1,266	2,695	20,443	14,397	5,311	10,734	50,885
2013*	0	2,646	1,297	0	0	275	2,763	579	0	0	0	1,162	0	212	8,933	14,353	7,332	15,666	46,285
2014*	2,197	1,837	4,560	0	874	129	1,028	358	294	4,694	0	4,416	0	543	20,930	17,401	10,124	12,615	61,070
2015*	1,030	1,103	0	0	159	0	178	0	0	513	0	616	1,206	0	4,805	6,713	5,955	8,254	25,727
AVERAGES:																			
99-00	3,024	2,937	409	0	622	841	684	0	0	336	540	959	882	180	11,411	20,109	6,658	7,235	45,412
01-05	1,220	1,029	1,091	253	370	102	638	272	0	217	218	89	128	270	5,898	6,603	2,468	5,227	20,189
06-10	885	2,586	2,619	176	562	159	423	153	751	2,270	505	953	324	144	12,510	11,653	5,276	8,402	37,841
11-15	1,508	1,739	1,720	498	882	124	1,244	416	59	1,378	666	2,928	639	1,566	15,366	11,679	7,754	11,344	46,143

\* - Preliminary

DF 09/15/16

ESTIMATES OF REGULAR-SEASON HOODED MERGANSER HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	7,927	4,606	3,822	763	1,380	515	1,086	1,058	4,044	5,716	4,315	7,200	2,351	1,795	46,578	29,269	12,798	4,087	93,451
2000	8,154	3,925	3,257	202	253	700	1,964	947	2,105	7,599	2,518	6,388	1,100	5,814	44,926	35,960	8,450	4,984	94,321
2001	5,976	2,353	2,892	2,339	3,606	973	1,734	3,226	4,560	3,289	3,493	5,109	3,385	573	43,508	28,108	9,454	4,602	85,670
2002	11,717	3,601	4,106	537	1,283	973	1,328	823	5,879	7,800	6,676	2,386	8,252	3,576	58,937	31,791	9,987	2,832	103,546
2003*	9,578	7,261	3,835	654	1,882	1,711	2,617	1,573	877	5,493	2,191	9,752	2,052	2,227	51,703	29,181	7,132	5,488	93,507
2004*	9,215	5,889	4,171	0	1,685	980	1,699	1,929	878	4,460	1,857	3,835	6,085	4,787	47,470	25,692	6,065	3,998	83,223
2005*	4,790	4,830	1,476	540	589	269	1,656	2,980	0	5,845	327	4,285	1,134	1,734	30,455	34,037	8,592	4,235	77,318
2006*	5,791	3,131	2,064	1,159	1,810	683	676	2,447	1,644	5,883	3,407	6,225	1,521	800	37,241	37,182	5,320	2,857	82,600
2007*	1,890	2,917	3,264	642	1,466	797	745	1,222	703	4,006	3,519	9,630	4,673	3,214	38,688	38,135	7,479	6,930	91,230
2008*	8,679	2,142	4,033	625	2,746	327	1,528	1,473	0	1,611	1,939	6,981	2,276	3,678	38,038	38,212	8,940	4,390	89,578
2009*	7,478	2,690	2,058	174	2,613	171	479	2,813	1,292	8,297	1,892	5,405	1,888	4,395	41,645	42,000	6,832	5,764	96,241
2010*	6,254	5,266	4,811	192	1,777	1,024	524	1,676	554	7,913	1,563	9,750	1,732	2,950	45,988	36,148	7,433	6,317	95,886
2011*	6,377	4,162	3,789	498	3,056	1,278	1,156	2,457	4,348	9,935	698	9,666	4,325	2,021	53,766	34,991	13,556	8,500	110,813
2012*	4,111	869	1,220	541	1,889	1,517	1,678	919	313	4,601	9,711	12,187	6,329	0	45,886	39,200	7,070	7,681	99,837
2013*	9,057	1,323	3,149	1,228	3,806	412	1,036	1,158	5,565	5,193	0	9,685	1,472	2,331	45,416	41,411	8,390	3,335	98,552
2014*	20,873	3,062	5,130	0	1,748	773	1,799	2,147	1,177	4,359	2,467	7,175	1,843	2,170	54,723	30,378	8,042	4,663	97,807
2015*	7,210	4,137	5,086	159	3,013	533	178	1,168	2,103	4,361	2,323	2,309	3,859	1,310	37,751	28,393	7,169	5,711	79,024
AVERAGES:																			
99-00	8,041	4,266	3,540	483	817	608	1,525	1,003	3,075	6,658	3,417	6,794	1,726	3,805	45,752	32,615	10,624	4,536	93,886
01-05	8,255	4,787	3,296	814	1,809	981	1,807	2,106	2,439	5,377	2,909	5,073	4,182	2,579	46,415	29,762	8,246	4,231	88,653
06-10	6,018	3,229	3,246	558	2,082	600	790	1,926	839	5,542	2,464	7,598	2,418	3,007	40,320	38,335	7,201	5,252	91,107
11-15	9,526	2,711	3,675	485	2,702	903	1,169	1,570	2,701	5,690	3,040	8,204	3,566	1,566	47,508	34,875	8,845	5,978	97,207

\* - Preliminary

ESTIMATES OF REGULAR-SEASON COMMON MERGANSER HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	0	970	3,822	0	0	0	0	0	0	0	0	0	0	0	4,792	6,314	344	2,691	14,140
2000	314	1,510	1,086	0	253	0	281	0	0	0	0	0	275	0	3,719	9,064	1,292	8,305	22,379
2001	0	2,353	1,928	0	258	0	0	0	0	0	0	0	0	0	4,539	3,863	1,543	4,554	14,498
2002	3038	2400	1796	537	0	0	443	0	0	0	0	0	0	0	8,214	12,161	2,458	3,359	26,192
2003*	2,499	764	2,131	0	0	0	0	0	0	0	0	0	0	0	5,393	12,038	2,106	7,069	26,606
2004*	1,117	982	2,415	0	0	0	212	0	0	0	0	0	0	0	4,725	9,392	1,462	6,544	22,122
2005*	719	1,288	738	0	196	135	0	372	0	0	0	0	0	0	3,448	6,280	301	3,925	13,954
2006*	0	569	1,857	290	302	228	169	0	0	0	0	0	0	0	3,415	6,723	1,877	5,256	17,270
2007*	0	1,061	251	0	489	114	0	175	0	0	0	0	0	0	2,089	8,770	687	7,984	19,430
2008*	560	1,785	733	0	749	164	306	0	0	0	0	0	0	0	4,296	11,063	302	5,716	21,378
2009*	214	504	617	0	238	0	319	0	0	0	0	0	0	0	1,892	9,629	1,180	5,179	17,880
2010*	0	293	859	0	0	0	175	372	332	0	0	0	0	0	2,031	11,369	499	4,103	18,600
2011*	491	189	5,126	0	833	0	0	0	0	0	0	604	0	0	7,243	5,578	696	4,181	17,698
2012*	0	174	203	0	0	217	0	230	0	460	0	0	0	0	1,284	6,994	759	6,419	15,454
2013*	0	2,382	2,408	0	476	0	691	0	0	0	0	0	0	0	5,956	7,588	1,049	4,078	18,671
2014*	1,465	919	2,850	224	291	0	0	716	0	0	0	0	0	0	6,464	4,372	904	7,316	19,056
2015*	343	1,379	898	159	0	0	1,070	0	0	0	258	0	0	0	4,107	5,534	308	4,581	14,530
AVERAGES:																			
99-00	157	1,240	2,454	0	127	0	141	0	0	0	0	0	138	0	4,256	7,689	818	5,498	18,260
01-05	1,475	1,557	1,802	107	91	27	131	74	0	0	0	0	0	0	5,264	8,747	1,574	5,090	20,674
06-10	155	842	863	58	356	101	194	109	66	0	0	0	0	0	2,745	9,511	909	5,628	18,912
11-15	460	1,009	2,297	77	320	43	352	189	0	92	52	121	0	0	5,011	6,013	743	5,315	17,082

\* - Preliminary

ESTIMATES OF REGULAR-SEASON RED-BREASTED MERGANSER HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	0	485	1,820	0	0	257	155	0	0	336	0	327	0	0	3,380	8,778	756	610	13,525
2000	0	302	543	0	0	0	0	0	2,105	0	0	304	0	0	3,254	5,583	1,013	1,264	11,114
2001	0	1344	0	0	0	195	248	0	0	0	0	1135	0	0	2,922	6,426	964	601	10,913
2002	434	0	513	0	0	243	0	0	0	0	1178	281	0	0	2,649	8,914	1,272	337	13,173
2003*	0	0	852	0	0	342	476	0	0	785	313	1,272	0	0	4,040	10,786	173	2,470	17,469
2004*	0	0	878	0	374	0	425	772	439	0	464	731	0	0	4,083	10,337	1,696	935	17,050
2005*	240	0	0	0	0	269	207	0	0	0	0	0	0	0	716	11,781	764	806	14,067
2006*	0	285	1,651	0	0	114	0	0	0	0	0	732	0	0	2,782	13,078	114	1,037	17,011
2007*	540	0	0	0	489	341	248	0	0	0	0	963	0	0	2,581	7,643	736	2,716	12,940
2008*	560	714	917	0	0	0	917	368	0	0	0	367	0	0	3,843	10,824	392	1,446	16,505
2009*	0	504	617	0	238	171	1,597	0	0	0	0	1,965	0	549	5,641	12,681	139	4,373	22,834
2010*	0	585	172	0	395	0	874	0	0	0	625	574	0	0	3,224	7,860	303	721	12,109
2011*	491	757	223	0	556	0	2,891	0	0	0	0	1,208	0	0	6,125	10,289	286	746	17,447
2012*	0	1,564	2,237	0	0	650	559	919	0	0	0	0	0	0	5,930	12,168	422	1,139	19,659
2013*	0	1,058	2,408	0	1,427	0	0	0	0	0	0	2,324	0	0	7,218	8,323	0	911	16,452
2014*	0	1,531	1,710	0	1,457	129	514	179	0	0	0	828	0	0	6,347	5,201	558	1,243	13,349
2015*	0	1,379	598	159	159	0	17,298	0	0	0	0	308	0	0	19,901	5,106	2,099	718	27,824
AVERAGES:																			
99-00	0	394	1,182	0	0	129	78	0	1,053	168	0	316	0	0	3,317	7,181	885	937	12,320
01-05	135	269	449	0	75	210	271	154	88	157	391	684	0	0	2,882	9,649	974	1,030	14,534
06-10	220	418	671	0	224	125	727	74	0	0	125	920	0	110	3,614	10,417	337	2,059	16,280
11-15	98	1,258	1,435	32	720	156	4,252	220	0	0	0	934	0	0	9,104	8,217	673	951	18,946

\* - Preliminary

DF 09/16/16

ESTIMATES OF REGULAR-SEASON WHITE-WINGED SCOTERS HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,044	182	1,128	3,354
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,611	86	1,225	5,922
2001	664	672	193	0	0	0	0	0	0	0	0	0	0	0	1,529	7,665	0	3,369	12,563
2002	0	300	513	0	0	0	0	0	0	0	0	0	0	0	813	6,257	212	831	8,113
2003*	416	0	426	873	188	0	0	0	0	0	0	0	0	0	1,903	6,822	159	2,221	11,106
2004*	838	0	1,098	0	749	0	0	193	0	0	0	0	0	0	2,878	6,058	0	795	9,730
2005*	240	0	554	0	0	0	0	0	0	0	0	0	0	0	794	4,215	113	1,426	6,547
2006*	0	285	413	0	0	0	0	0	0	0	0	0	0	0	698	8,725	0	2,865	12,288
2007*	0	0	753	0	0	114	0	0	351	0	0	0	0	0	1,218	4,294	0	2,497	8,010
2008*	0	0	183	0	0	0	153	0	0	0	0	0	0	0	336	5,643	0	1,653	7,632
2009*	0	336	1,441	0	0	0	0	0	0	0	0	0	0	0	1,777	2,860	172	3,933	8,742
2010*	284	146	687	0	0	0	0	0	0	0	0	0	0	0	1,118	5,359	0	320	7,395
2011*	0	1,514	2,452	0	0	0	0	0	0	0	0	0	0	0	3,965	3,575	0	4,240	11,780
2012*	0	174	610	0	0	0	0	230	0	0	0	0	0	1,348	2,362	1,841	181	178	4,561
2013*	0	529	741	0	0	0	0	0	0	0	0	0	0	212	1,482	5,434	0	193	7,109
2014*	0	3,675	570	0	583	0	0	0	0	0	0	0	0	0	4,827	2,905	118	1,356	9,206
2015*	0	276	1,197	0	0	0	0	0	0	0	0	0	0	0	1,473	3,098	108	2,804	7,483
AVERAGES:																			
99-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,328	134	1,177	4,638
01-05	432	194	557	175	187	0	0	39	0	0	0	0	0	0	1,583	6,203	97	1,728	9,612
06-10	57	153	695	0	0	23	31	0	70	0	0	0	0	0	1,029	5,376	34	2,254	8,813
11-15	0	1,234	1,114	0	117	0	0	46	0	0	0	0	0	312	2,822	3,371	81	1,754	8,028

\* - Preliminary

ESTIMATES OF REGULAR-SEASON BLACK SCOTERS HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	689	242	182	0	0	0	0	0	0	0	0	0	0	0	1,113	6,815	195	741	8,866
2000	0	0	814	0	0	0	0	237	0	0	0	0	0	0	1,051	4,651	0	0	5,702
2001	0	672	193	0	0	0	0	0	0	0	0	0	0	0	865	3,691	0	0	4,556
2002	0	0	0	0	0	0	0	0	0	0	785	0	0	0	785	8,523	0	0	9,308
2003*	416	382	0	0	376	0	476	0	0	0	0	0	128	0	1,778	17,845	0	811	20,435
2004*	0	327	0	0	562	0	0	0	0	0	0	0	0	0	889	11,425	126	1,360	13,800
2005*	0	322	2,215	0	0	0	0	0	0	0	0	0	0	0	2,537	16,853	0	1,140	20,530
2006*	0	0	619	0	0	0	0	0	0	0	0	0	0	0	619	8,498	311	215	9,644
2007*	0	530	502	0	0	0	496	0	0	0	0	0	0	0	1,528	7,466	127	0	9,122
2008*	0	535	183	0	0	164	0	0	0	0	0	0	0	0	882	5,172	0	194	6,249
2009*	0	0	0	0	0	0	0	176	0	0	0	0	0	0	176	7,923	331	1,183	9,613
2010*	0	439	172	0	0	0	0	0	0	0	0	0	0	0	611	14,902	0	0	16,111
2011*	0	0	0	249	0	0	193	0	0	0	0	0	0	0	442	14,022	0	167	14,632
2012*	0	0	407	0	0	0	0	0	0	0	0	0	0	0	407	11,635	0	0	12,042
2013*	0	0	0	0	0	0	0	0	0	260	0	0	0	0	260	21,219	0	2,179	23,658
2014*	0	919	285	0	0	0	0	0	0	0	0	0	0	136	1,339	7,794	194	0	9,327
2015*	0	276	0	0	0	0	0	0	0	0	0	0	0	0	276	16,873	0	548	17,697
AVERAGES:																			
99-00	345	121	498	0	0	0	0	119	0	0	0	0	0	0	1,082	5,733	98	371	7,284
01-05	83	341	482	0	188	0	95	0	0	0	157	0	26	0	1,371	11,667	25	662	13,726
06-10	0	301	295	0	0	33	99	35	0	0	0	0	0	0	763	8,792	154	318	10,148
11-15	0	239	138	50	0	0	39	0	0	52	0	0	0	27	545	14,309	39	579	15,471

\* - Preliminary

ESTIMATES OF REGULAR-SEASON SURF SCOTERS HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	689	0	364	0	230	772	310	0	0	336	0	327	0	0	3,028	8,633	182	2,777	14,620
2000	0	0	271	0	0	0	0	0	0	0	0	0	0	0	271	12,798	70	3,694	16,833
2001	332	0	0	0	0	0	0	0	0	0	0	0	0	0	332	15,044	80	1,478	16,934
2002	0	300	0	0	257	0	0	0	0	0	393	0	0	0	950	14,513	120	2,726	18,308
2003*	0	0	213	218	0	0	714	0	0	0	0	0	0	0	1,145	38,507	173	383	40,209
2004*	0	327	0	0	0	0	0	193	0	0	0	0	0	0	520	30,820	117	3,186	34,643
2005*	479	0	0	0	785	0	0	0	0	0	327	0	0	0	1,591	21,057	0	4,272	26,920
2006*	0	0	413	0	0	0	0	153	0	0	0	0	0	0	566	29,078	83	2,304	32,032
2007*	0	1,326	251	0	0	114	0	0	0	0	0	0	0	0	1,691	29,033	182	6,097	37,003
2008*	0	0	367	0	0	0	0	0	0	0	0	0	0	0	367	29,316	0	10,699	40,382
2009*	0	504	823	0	0	0	319	0	0	0	0	0	0	0	1,646	25,915	113	6,248	33,922
2010*	0	293	344	0	197	0	0	0	0	0	0	574	0	0	1,407	13,462	129	6,487	22,682
2011*	0	378	891	0	0	0	0	0	0	0	0	0	0	337	1,607	27,740	0	6,329	35,675
2012*	0	0	1,220	0	0	0	0	0	0	0	0	0	0	0	1,220	24,942	283	9,263	35,709
2013*	0	794	556	0	0	0	0	0	0	0	0	0	0	0	1,350	12,294	0	3,208	16,852
2014*	0	919	1,710	0	0	0	514	0	0	0	0	0	0	0	3,143	20,578	167	1,380	25,267
2015*	0	276	898	0	0	0	178	0	0	0	0	0	0	0	1,352	23,203	41	1,791	26,387
AVERAGES:																			
99-00	345	0	318	0	115	386	155	0	0	168	0	164	0	0	1,650	10,716	126	3,236	15,727
01-05	162	125	43	44	208	0	143	39	0	0	144	0	0	0	908	23,988	98	2,409	27,403
06-10	0	425	440	0	39	23	64	31	0	0	0	115	0	0	1,135	25,361	101	6,367	33,204
11-15	0	473	1,055	0	0	0	138	0	0	0	0	0	0	67	1,734	21,751	98	4,394	27,978

\* - Preliminary

DF 09/16/16



ESTIMATES OF REGULAR-SEASON LONG-TAILED DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	0	242	0	0	0	0	0	0	0	0	0	0	0	0	242	14,718	0	147	15,107
2000	0	302	0	0	0	0	0	0	0	0	420	0	0	0	722	12,882	0	0	13,604
2001	0	0	193	0	0	0	0	0	0	0	0	0	0	0	193	20,045	0	0	20,238
2002	0	0	257	179	0	0	0	0	0	0	0	0	0	0	436	14,905	47	416	15,803
2003*	0	1,146	639	0	0	0	238	0	0	0	0	0	0	0	2,023	17,627	0	1,243	20,893
2004*	558	3,272	1,098	0	0	0	0	0	0	0	0	0	0	0	4,928	20,909	47	473	26,356
2005*	0	2,898	2,030	0	0	0	0	0	0	0	0	0	0	0	4,928	14,999	170	84	20,181
2006*	290	3,985	4,128	0	302	0	0	0	0	0	0	366	0	0	9,071	18,196	0	516	27,783
2007*	0	1,591	1,004	0	244	0	0	0	0	0	0	0	0	0	2,839	26,521	0	686	30,047
2008*	0	7,140	550	0	0	0	0	0	0	0	0	0	0	0	7,690	28,686	151	486	37,012
2009*	0	4,707	823	0	0	0	0	0	0	0	0	0	0	0	5,530	15,260	800	1,392	22,982
2010*	0	4,242	5,498	0	0	0	0	0	0	0	0	0	0	0	9,740	15,844	0	656	26,241
2011*	0	3,216	1,560	0	0	0	0	0	0	0	0	0	0	0	4,776	10,698	61	746	16,281
2012*	0	4,865	1,627	0	0	0	0	0	0	0	0	0	0	0	6,493	21,677	0	356	28,525
2013*	0	8,732	3,519	0	0	0	0	0	0	260	0	387	0	0	12,899	16,302	0	23	29,224
2014*	0	919	855	0	0	0	0	0	0	0	0	0	0	0	1,774	11,053	194	207	13,226
2015*	343	3,586	7,480	0	0	0	0	0	0	0	0	0	0	0	11,409	18,619	0	398	30,427
AVERAGES:																			
99-00	0	272	0	0	0	0	0	0	0	0	210	0	0	0	482	13,800	0	74	14,356
01-05	112	1,463	843	36	0	0	48	0	0	0	0	0	0	0	2,502	17,697	53	443	20,694
06-10	58	4,333	2,401	0	109	0	0	0	0	0	0	73	0	0	6,974	20,901	190	747	28,813
11-15	69	4,264	3,008	0	0	0	0	0	0	52	0	77	0	0	7,470	15,670	51	346	23,537

\* - Preliminary

DF 09/16/16

ESTIMATES OF ENTIRE-SEASON CANADA GOOSE HARVESTS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	233,663	110,576	92,872	37,027	117,624	54,900	65,784	34,582	26,578	11,868	37,074	0	14,186	2,300	839,034	422,902	577,235	338,654	2,177,825
2000	222,000	89,483	117,000	65,348	138,704	69,522	100,445	43,757	33,922	69,927	62,000	1,978	18,943	3,900	1,036,929	416,818	765,879	358,547	2,578,173
2001	230,311	63,289	114,383	56,862	64,019	47,800	104,800	64,948	22,654	7,659	52,900	4,747	5,000	13,500	852,872	692,137	666,234	267,207	2,478,450
2002	224,010	95,594	102,600	63,420	67,551	58,600	105,043	23,541	22,319	11,772	75,852	0	6,363	13,700	870,364	709,987	610,930	243,793	2,435,075
2003*	282,495	149,977	191,460	55,497	133,185	71,842	87,946	18,542	38,504	16,399	36,794	2,289	2,045	16,903	1,103,880	657,910	761,655	332,130	2,855,576
2004*	234,062	97,300	130,000	70,257	101,362	69,900	96,000	8,774	45,031	10,127	58,100	0	8,707	22,500	952,120	633,289	552,470	305,464	2,443,343
2005*	207,266	106,988	141,800	78,615	102,707	57,975	90,100	39,270	35,035	19,962	26,400	2,962	2,864	16,514	928,457	774,515	629,352	323,406	2,655,730
2006*	240,703	112,593	157,292	73,917	158,224	57,193	86,600	70,418	27,216	39,894	23,575	1,335	10,026	19,664	1,078,650	662,449	583,400	321,165	2,645,664
2007*	203,469	114,200	149,200	64,634	168,464	69,554	78,286	42,158	27,907	16,632	26,632	3,128	13,660	18,754	996,677	860,743	517,713	301,061	2,676,193
2008*	220,972	110,159	172,746	62,167	150,134	67,700	72,066	81,880	40,263	11,497	17,955	0	4,770	9,378	1,021,687	919,976	571,671	331,497	2,844,840
2009*	147,700	97,300	162,300	62,043	156,863	64,600	82,600	66,936	32,786	26,189	42,766	0	10,913	22,900	975,896	854,268	567,383	308,125	2,705,672
2010*	188,450	92,156	125,087	65,777	131,701	74,201	79,046	47,689	31,263	54,084	29,167	4,545	2,380	12,866	938,413	796,229	521,489	268,949	2,535,269
2011*	238,726	93,169	125,379	51,967	104,097	49,296	111,594	33,391	16,246	15,446	20,917	2,933	6,508	13,770	883,440	530,630	474,903	296,080	2,185,053
2012*	235,856	83,756	144,481	38,931	92,719	60,036	59,375	39,117	6,641	9,455	29,595	571	5,286	19,729	825,546	695,699	676,465	312,343	2,510,053
2013*	191,577	85,831	148,002	73,742	111,185	54,936	128,515	35,094	40,860	13,552	11,966	0	7,181	30,927	933,368	675,031	785,304	262,363	2,656,066
2014*	148,496	90,438	140,669	47,348	105,998	44,678	79,648	45,690	12,855	9,055	14,429	245	15,084	26,640	781,274	630,777	778,707	292,695	2,483,453
2015*	142,237	99,587	159,634	53,661	73,509	37,068	65,016	41,419	19,453	7,039	18,501	0	1,987	12,452	731,564	488,582	530,979	258,053	2,009,178
AVERAGES:																			
99-00	227,832	100,030	104,936	51,188	128,164	62,211	83,115	39,170	30,250	40,898	49,537	989	16,565	3,100	937,982	419,860	671,557	348,600	2,377,999
01-05	235,629	102,630	136,049	64,930	93,765	61,223	96,778	31,015	32,709	13,184	50,009	2,000	4,996	16,623	941,539	693,568	644,128	294,400	2,573,635
06-10	200,259	105,282	153,325	65,708	153,077	66,650	79,720	61,816	31,887	29,659	28,019	1,802	8,350	16,712	1,002,264	818,733	552,331	306,159	2,681,528
11-15	191,378	90,556	143,633	53,130	97,502	49,203	88,830	38,942	19,211	10,909	19,082	750	7,209	20,704	831,038	604,144	649,272	284,307	2,368,761

\* - Preliminary

NUMBER OF CANADA GEESE HARVESTED DURING THE SPECIAL SEASONS (HARVEST INFORMATION PROGRAM)

YEAR	MN			WI			MI			IA			IL			IN			OH			KY	AR	TN	MS	AL	MF		
	AUG	SEP	LATE	SEP	SEP	LATE	SEP	SEP	SEP	LATE	SEP	SEP	LATE	SEP	SEP	SEP	SEP	SEP	AUG	SEP	LATE								
1999	---	78,300	9,500	20,100	44,700	2,600	7100	11,800	27,300	---	23,500	1,700	---	---	---	11,100	10,600	800	---	235,300	13,800								
2000	---	91,300	4,000	20,700	73,300	4,500	10400	9,200	29,200	---	21,900	0	---	---	---	12,200	11,700	3,400	---	283,300	8,500								
2001	---	106,800	8,900	20,100	57,500	13,200	---	8,900	27,600	---	45,900	11,400	5,500	---	20,200	3,500	900	---	296,900	33,500									
2002	---	98,000	8,000	23,900	46,400	2,700	---	5,200	34,400	---	42,200	12,500	500	---	32,500	3,400	4,600	---	291,100	23,200									
2003*	---	125,400	4,800	11,000	50,600	12,200	1300	8,500	22,000	---	37,600	3,800	6,600	---	15,900	500	9,900	---	289,300	20,800									
2004*	---	115,800	17,300	23,200	42,600	7,200	12200	7,300	29,600	---	29,900	4,600	6,400	---	12,700	3,800	8,200	---	291,700	29,100									
2005*	---	108,700	8,400	44,900	55,900	10,600	14800	11,800	16,500	---	30,500	7,000	6,100	---	19,700	2,000	5,300	---	316,200	26,000									
2006*	---	80,900	15,800	37,300	79,600	14,300	12300	22,200	20,800	---	24,500	9,100	1,400	---	2,100	6,700	11,200	---	299,000	39,300									
2007*	---	105,400	---	37,000	55,100	0	11200	14,400	15,800	6,300	13,500	1,800	2,900	6,900	13,300	4,600	8,000	---	288,100	8,100									
2008*	---	116,800	---	33,200	52,200	4,800	600	15,100	14,400	6,900	16,500	---	7,100	4,600	7,100	3,200	---	---	270,700	11,600									
2009*	---	68,500	---	22,200	74,500	---	---	13,500	19,800	5,700	17,700	---	6,100	2,300	14,400	---	---	---	239,000	5,700									
2010*	---	76,700	---	32,400	43,000	---	300	14,800	19,900	6,500	25,600	---	8,200	26,400	6,000	---	1,400	---	254,800	6,500									
2011*	---	97,800	---	31,900	45,200	---	---	9,800	11,700	8,000	32,600	---	4,700	1,100	13,100	---	6,100	---	253,800	8,000									
2012*	---	73,100	---	23,900	60,400	400	600	16,700	15,700	8,100	13,200	---	1,400	1,900	14,800	---	---	---	234,700	8,500									
2013*	4400	78,400	---	27,900	55,300	700	0	15,700	12,300	10,200	33,900	---	10,800	3,600	4,000	---	7,400	4,400	249,300	11,000									
2014*	---	84,600	---	22,600	61,500	4,400	0	27,700	10,500	3,607	12,500	---	3,000	1,300	0	---	5,900	---	229,700	8,000									
2015*	---	110,683	---	22,058	47,054	3,137	395	18,259	10,770	751	7,881	---	15,247	2,737	16,766	---	4,151	---	256,000	3,888									
AVERAGES																													
99-00	---	84,800	6,750	20,400	59,000	3,550	8,750	10,500	28,250	---	22,700	850	---	---	11,650	11,150	2,100	---	259,300	11,150									
01-05	---	110,940	9,480	24,620	50,600	9,180	9,433	8,340	26,020	---	37,220	7,860	5,020	---	20,200	2,640	5,780	---	297,400	26,520									
06-10	---	89,660	15,800	32,420	60,880	6,367	6,100	16,000	18,140	6,350	19,560	5,450	5,140	10,050	8,580	4,833	6,867	---	270,320	14,240									
11-15	4,400	88,917	---	25,672	53,891	2,159	249	17,632	12,194	6,132	20,016	---	7,029	2,127	9,733	---	7,350	4,400	244,700	7,878									

\*Preliminary

DF 9/21/16

ESTIMATES OF SNOW GOOSE HARVESTS IN THE MISSISSIPPI FLYWAY AND CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	CF FLYWAY	TOTAL
1999	1,632	1,324	0	13,918	1,076	0	0	45,302	0	93,628	1,626	128,404	15,368	0	302,278	417,588	719,866
2000	8,000	517	0	596	990	0	0	13,508	0	70,801	0	61,969	4,371	0	160,752	349,279	510,031
2001	2,388	411	217	5,039	0	0	0	34,721	1,372	86,168	0	94,000	1,500	900	226,716	300,586	527,302
2002	3,990	306	0	1,079	420	0	0	13,306	485	57,878	1,548	29,796	1,958	0	110,766	230,814	341,580
2003*	4,304	1,223	240	14,380	1,816	258	0	23,500	4,695	52,478	4,906	68,680	9,885	497	186,862	216,493	403,355
2004*	1,439	0	0	1,044	1,269	0	0	33,095	990	54,369	0	67,444	8,708	0	168,358	183,810	352,168
2005*	234	675	0	390	2,890	412	0	19,151	865	85,763	0	93,288	15,545	486	219,699	253,437	473,136
2006*	2,697	507	208	242	3,440	0	0	7,791	0	69,381	1,025	52,067	2,006	936	140,300	194,565	334,865
2007*	331	0	0	266	6,618	0	307	3,079	821	41,927	8,195	61,509	17,302	447	140,802	178,172	318,974
2008*	1,543	135	238	555	5,136	0	356	4,504	4,737	67,599	946	52,856	6,996	361	145,962	172,589	318,551
2009*	0	0	0	0	1,354	0	0	8,637	405	25,500	578	29,600	0	0	65,625	111,582	177,207
2010*	1,967	105	0	156	2,366	0	0	4,640	0	48,808	503	14,394	9,520	477	82,934	153,759	236,693
2011*	9,576	153	0	146	7,074	0	0	7,573	428	48,912	0	39,598	9,111	0	122,573	169,145	291,718
2012*	870	0	222	138	0	0	0	8,890	341	32,146	0	18,843	0	0	61,450	148,746	321,660
2013*	0	256	244	0	1,425	0	0	17,148	0	94,864	1,496	14,331	3,590	0	133,355	168,372	380,575
2014*	0	0	0	2,536	6,709	0	0	5,131	643	47,863	2,886	13,978	6,856	0	86,602	209,357	393,217
2015*	971	0	0	0	10,671	0	0	2,312	2,103	35,195	1,734	11,371	5,300	0	69,657	103,565	259,320
AVERAGES:																	
99-00	4,816	921	0	7,257	1,033	0	0	29,405	0	82,215	813	95,187	9,870	0	231,515	383,434	614,949
01-05	2,471	523	91	4,386	1,279	134	0	24,755	1,681	67,331	1,291	70,642	7,519	377	182,480	237,028	419,508
06-10	1,308	149	89	244	3,783	0	133	5,730	1,193	50,553	2,249	42,085	7,165	444	115,125	162,133	277,258
11-15	2,283	82	93	564	5,176	0	0	8,211	703	51,796	1,223	19,624	4,971	0	94,727	159,837	329,298

\* - Preliminary

<sup>1</sup> Conservation Order Harvest is included in the 2013 estimate and hereafter

ESTIMATES OF ROSS'S GOOSE HARVESTS IN THE MISSISSIPPI FLYWAY AND CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	CF FLYWAY	TOTAL
1999	0	0	0	0	0	0	0	1,383	0	3,956	0	2,822	1,182	0	9,343	57,699	67,042
2000	0	0	0	0	330	0	0	294	0	2,622	0	3,296	0	0	6,542	35,986	42,528
2001	0	0	0	0	0	0	0	2,043	0	11,489	0	4,748	500	0	18,780	59,723	78,503
2002	0	0	0	0	0	0	0	1,023	485	3,433	0	3,310	245	0	8,496	37,059	45,555
2003*	0	0	0	449	0	0	254	1,940	0	8,199	0	5,723	767	0	17,332	30,347	47,679
2004*	0	0	0	0	0	0	0	2,444	0	533	0	624	1,024	0	4,625	31,745	36,370
2005*	0	0	0	0	385	103	0	774	0	0	0	1,481	1,227	0	3,970	43,099	47,069
2006*	0	0	0	0	1,529	0	0	300	0	6,938	0	1,335	0	0	10,102	23,935	34,037
2007*	0	0	0	0	301	0	0	118	0	2,426	0	4,170	1,821	0	8,836	18,849	27,685
2008*	0	0	715	0	0	0	0	1,228	0	5,518	0	4,286	636	0	12,383	31,811	44,194
2009*	0	0	0	0	271	0	0	540	0	1,139	0	0	0	0	1,949	10,169	12,118
2010*	0	0	0	0	197	0	0	258	0	2,638	0	1,515	0	0	4,608	23,601	28,209
2011*	0	153	0	0	674	0	0	688	0	1,839	0	1,467	0	0	4,821	32,211	37,032
2012*	0	0	0	0	0	366	0	0	170	3,152	0	1,713	1,762	0	7,163	28,175	51,411
2013*	0	0	0	0	0	0	0	1,595	0	3,614	0	1,049	0	0	6,258	30,489	52,769
2014*	412	0	0	0	0	0	0	244	643	7,762	5,771	490	1,371	0	16,694	55,134	91,457
2015*	0	0	0	0	0	0	0	0	1,577	1,564	0	0	0	0	3,142	12,887	30,359
AVERAGES:																	
99-00	0	0	0	0	165	0	0	839	0	3,289	0	3,059	591	0	7,943	46,843	54,785
01-05	0	0	0	90	77	21	51	1,645	97	4,731	0	3,177	753	0	10,641	40,395	51,035
06-10	0	0	143	0	460	0	0	489	0	3,732	0	2,261	491	0	7,576	21,673	29,249
11-15	103	0	0	0	0	92	0	460	598	4,023	1,443	813	783	0	8,314	31,671	56,499

\* - Preliminary

<sup>1</sup> Conservation Order Harvest is included in 2013 estimate and hereafter

ESTIMATES OF WHITE-FRONTED GOOSE HARVESTS IN THE MISSISSIPPI FLYWAY AND CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	CF FLYWAY	US TOTAL
1999	979	0	0	263	0	0	0	5,533	422	25,714	0	73,374	2,364	0	108,649	113,735	254,508
2000	0	0	0	0	0	0	0	294	0	24,474	0	71,859	7,286	0	103,913	184,553	315,124
2001	0	0	0	0	341	0	0	2,042	1,373	30,637	0	75,009	500	900	110,802	91,231	231,380
2002	0	0	0	0	629	0	0	0	2,911	22,563	0	80,558	489	0	107,151	85,344	220,499
2003*	0	0	0	0	1,454	0	0	539	0	21,319	0	85,850	1,449	0	110,611	80,017	216,781
2004*	0	0	0	0	1,269	0	0	333	1,979	29,316	0	51,832	1,537	0	86,266	52,163	182,507
2005*	0	338	0	0	1,927	411	0	1,161	0	26,616	0	59,230	3,273	0	92,956	113,932	252,426
2006*	0	0	0	242	6,497	353	0	1,199	1,384	34,690	0	96,123	2,005	0	142,493	83,384	282,487
2007*	0	0	0	0	2,707	146	307	355	2,873	38,115	3,073	118,850	10,017	0	176,444	111,331	352,361
2008*	386	0	0	0	2,115	0	178	819	0	52,884	0	77,857	3,498	361	138,098	61,246	319,332
2009*	0	0	0	257	2,167	0	0	1,080	810	23,911	1,156	33,082	8,987	0	71,450	70,537	205,243
2010*	0	0	0	156	3,746	587	0	1,804	2,039	36,935	1,006	44,696	14,280	0	105,249	87,600	268,759
2011*	0	0	0	146	3,032	279	0	2,065	0	22,801	0	30,798	11,715	0	70,836	101,001	234,808
2012*	0	0	0	275	760	0	0	2,134	170	46,642	0	27,978	5,286	0	83,245	82,060	210,501
2013*	0	256	0	0	5,227	0	0	798	0	72,278	499	20,973	22,440	0	122,469	58,343	256,369
2014*	0	0	275	0	8,050	0	0	1,955	3,000	71,149	2,886	20,354	2,742	0	110,410	144,672	339,251
2015*	485	0	0	1,184	5,928	250	0	1,926	5,783	43,017	0	42,858	7,287	0	108,720	50,713	227,652
AVERAGES:																	
99-00	490	0	0	131	0	0	0	2,913	211	25,094	0	72,616	4,825	0	106,281	149,144	284,816
01-05	0	68	0	0	1,124	82	0	815	1,253	26,090	0	70,496	1,450	180	101,557	84,538	220,719
06-10	77	0	0	131	3,447	217	97	1,051	1,421	37,307	1,047	74,122	7,757	72	126,747	82,820	285,636
11-15	97	51	55	321	4,599	106	0	1,776	1,791	51,177	677	28,592	9,894	0	99,136	87,358	253,716

\* - Preliminary

DF 09/16/16

MALLARD HARVEST AGE RATIOS (IMM./AD.) IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOT.
1999	2.1	1.8	1.5	1.4	1.0	1.0	1.2	0.8	1.0	0.6	0.9	0.8	0.5	0.7	0.89
2000	1.8	1.3	1.0	1.2	0.7	0.6	1.0	0.6	0.9	0.5	0.7	0.5	0.4	0.6	0.68
2001	2.6	3.0	2.0	2.6	1.7	1.3	1.3	1.1	1.1	1.0	1.0	0.8	1.0	0.8	1.33
2002	1.5	1.7	1.7	1.3	1.1	1.2	1.4	0.8	0.8	0.5	0.7	0.4	0.4	0.7	0.90
2003*	2.8	1.8	2.1	2.0	1.9	1.4	1.8	1.7	1.3	0.8	0.9	1.0	0.8	0.9	1.41
2004*	1.5	1.8	1.6	0.9	1.2	1.6	1.4	1.0	0.9	0.8	1.0	0.6	0.5	1.0	1.03
2005*	2.7	2.7	1.7	2.8	2.3	1.4	1.3	2.0	2.0	0.8	2.0	2.3	1.7	1.8	1.63
2006*	3.0	2.8	2.2	1.8	2.0	1.5	1.8	1.4	1.2	0.8	1.5	1.2	0.9	1.1	1.44
2007*	2.1	1.7	1.7	1.9	1.4	1.2	1.4	1.6	1.1	0.7	1.0	1.3	1.1	1.1	1.20
2008*	2.8	2.3	1.9	1.8	1.2	1.4	1.1	0.9	0.6	0.7	0.9	0.8	0.7	1.3	1.06
2009*	3.0	2.6	2.0	2.3	1.7	1.5	1.4	1.3	1.5	0.9	1.0	1.1	0.7	0.4	1.24
2010*	2.9	2.9	1.8	3.4	1.9	1.1	1.7	2.3	1.2	1.1	1.6	1.4	1.3	1.2	1.59
2011*	4.7	3.5	2.2	4.6	2.1	1.9	1.9	2.3	1.3	1.3	1.3	2.3	1.2	1.2	1.91
2012*	4.5	2.9	2.0	3.1	2.1	1.5	1.6	1.9	1.3	1.0	1.5	1.5	1.3	1.6	1.68
2013*	3.5	2.6	1.4	2.9	1.6	1.7	1.2	1.4	1.7	0.8	0.9	1.1	0.6	1.0	1.31
2014*	5.4	2.6	2.0	4.3	1.9	1.8	1.5	2.3	1.4	1.1	1.3	1.3	0.9	1.1	1.66
2015*	4.4	2.6	2.8	1.6	1.1	1.4	1.7	1.0	1.1	0.7	0.9	1.0	0.7	1.1	1.19
AVERAGES:															
99-00	1.9	1.6	1.2	1.3	0.9	0.8	1.1	0.7	1.0	0.6	0.8	0.7	0.4	0.6	0.79
01-05	2.2	2.2	1.8	1.9	1.6	1.4	1.4	1.3	1.2	0.8	1.1	1.0	0.9	1.0	1.26
06-10	2.8	2.4	1.9	2.2	1.7	1.3	1.5	1.5	1.1	0.8	1.2	1.2	0.9	1.0	1.31
11-15	4.5	2.8	2.1	3.3	1.7	1.7	1.6	1.8	1.4	1.0	1.2	1.4	0.9	1.2	1.55

\* - Preliminary

HARVEST SEX RATIOS (M/F) OF ADULT MALLARDS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOT.
1999	1.2	1.7	2.8	2.7	3.1	2.3	3.7	4.0	3.0	3.1	3.3	2.2	3.9	1.7	2.77
2000	1.6	2.3	2.2	3.1	3.9	3.1	2.8	4.0	2.9	3.7	3.9	3.1	3.9	4.7	3.27
2001	2.2	3.0	3.7	3.4	4.8	4.1	4.7	5.6	2.4	4.2	3.4	3.5	3.9	3.3	3.79
2002	1.9	2.2	2.8	3.3	5.3	3.6	3.0	4.8	3.1	4.4	4.2	3.2	3.4	1.6	3.42
2003*	1.7	1.5	2.0	2.4	2.8	2.0	1.6	2.3	2.1	3.2	2.2	2.1	2.7	1.9	2.25
2004*	1.5	2.0	2.1	3.1	2.7	1.6	2.2	2.7	2.4	3.3	2.6	2.5	3.2	2.6	2.51
2005*	1.8	1.8	2.3	2.3	2.5	2.3	1.8	2.5	2.7	3.1	2.2	1.5	2.3	1.6	2.35
2006*	2.2	2.0	2.1	2.3	2.1	2.6	2.6	2.8	2.8	3.2	2.2	1.6	4.2	2.0	2.51
2007*	2.2	2.1	2.3	2.4	2.3	2.5	2.6	2.7	3.0	3.9	2.3	2.4	2.8	1.6	2.65
2008*	1.8	2.2	2.1	1.9	2.1	2.7	3.0	3.4	2.2	3.3	3.0	2.2	2.9	1.6	2.58
2009*	2.0	2.0	1.7	1.7	2.2	3.1	2.6	3.3	2.6	3.0	2.4	2.8	3.2	2.5	2.58
2010*	1.9	2.2	2.0	2.5	2.1	2.3	3.0	3.1	2.5	2.3	1.6	1.9	2.1	1.7	2.20
2011*	1.4	2.2	2.0	2.2	2.6	2.4	2.6	2.3	2.0	2.4	2.1	1.2	2.1	2.3	2.12
2012*	1.8	2.0	2.1	2.4	1.8	2.5	2.3	2.9	2.5	2.3	2.8	1.7	2.3	0.9	2.16
2013*	1.4	2.1	2.5	2.6	2.5	2.0	3.0	2.6	1.9	2.6	2.2	1.5	3.0	2.9	2.26
2014*	1.3	1.8	1.4	2.0	1.8	2.3	2.8	2.7	2.3	2.2	2.3	1.8	3.3	1.7	2.04
2015*	1.5	1.6	1.5	2.8	2.7	2.7	2.5	3.4	3.0	2.8	2.6	2.5	4.3	1.9	2.47
AVERAGES:															
99-00	1.4	2.0	2.5	2.9	3.5	2.7	3.3	4.0	2.9	3.4	3.6	2.6	3.9	3.2	3.02
01-05	1.8	2.1	2.6	2.9	3.6	2.7	2.7	3.6	2.6	3.6	2.9	2.6	3.1	2.2	2.87
06-10	2.0	2.1	2.1	2.1	2.2	2.7	2.8	3.1	2.6	3.1	2.3	2.2	3.0	1.9	2.50
11-15	1.5	1.9	1.9	2.4	2.3	2.4	2.7	2.8	2.3	2.5	2.4	1.7	3.0	1.9	2.21

\* - Preliminary

DF 09/21/16

## Breeding-ground survey estimates of Eastern Prairie Population Canada geese

YEAR	Singles <sup>1</sup>		Pairs <sup>1</sup>		Geese in groups <sup>1</sup>		Singles + Pairs <sup>2</sup>		Total EPP <sup>2</sup>		Productive <sup>1</sup>	
	Estimate	95% CI	Estimate	95% CI	Estimate	95% CI	Estimate	95% CI	Estimate	95% CI	Estimate	95% CI
1972	40,905	8,225	54,063	10,573	29,764	10,885	94,969	16,696	124,733	17,260		
1973	47,952	8,596	68,630	14,380	21,063	7,073	116,581	18,573	137,644	18,185		
1974	35,597	6,608	61,062	12,716	23,213	6,859	96,659	17,136	119,871	15,887		
1975	63,995	11,549	57,542	9,623	22,815	8,902	121,536	18,313	144,353	17,471		
1976	70,596	13,556	97,791	15,596	48,153	14,684	168,388	22,089	216,541	25,350		
1977	45,459	9,648	65,348	12,810	52,961	14,159	110,808	19,518	163,769	21,393		
1978	27,286	7,131	83,911	12,659	68,529	18,475	111,197	16,696	179,725	23,504		
1979	26,850	6,348	45,989	9,497	26,537	9,808	72,839	12,640	99,377	15,056		
1980	----- No survey conducted in 1980 -----											
1981	31,331	6,787	47,534	10,109	46,614	15,183	78,865	14,480	125,479	19,462		
1982	43,020	8,137	53,407	8,762	35,375	12,044	96,427	13,538	131,802	16,971		
1983	27,010	5,836	65,806	10,061	62,324	13,944	92,817	12,215	155,140	18,159		
1984	48,636	8,483	63,369	9,747	23,500	8,539	112,004	14,661	135,505	15,488	60,309	9,722
1985	42,983	9,345	62,613	10,204	52,846	14,754	105,595	16,347	158,442	20,226	62,419	11,276
1986	57,014	10,227	69,365	12,235	68,395	15,997	126,379	18,534	194,773	22,588	63,848	11,466
1987	50,297	9,421	95,557	14,904	57,332	15,707	145,854	19,726	203,186	23,614	59,710	10,864
1988	57,739	8,843	79,245	11,977	72,199	21,870	136,984	17,619	209,183	26,456	65,079	9,942
1989	62,557	9,722	69,545	11,590	78,067	17,802	132,103	16,710	210,169	23,362	66,416	10,085
1990	66,729	10,550	96,669	12,977	68,439	15,962	163,398	18,391	231,836	23,120	79,555	11,652
1991	66,190	12,847	101,237	15,160	44,381	15,107	167,427	23,004	211,809	24,962	80,607	15,048
1992	61,950	9,722	96,456	14,145	44,139	11,414	158,406	19,859	202,545	20,612	73,739	11,445
1993	71,553	10,344	64,690	11,126	21,229	7,739	136,242	16,391	157,473	17,049	82,761	11,339
1994	67,681	11,212	68,556	11,424	74,545	18,790	136,237	17,107	210,782	24,683	77,668	11,816
1995	51,117	8,843	87,859	12,621	65,603	21,468	138,976	17,386	204,578	26,426	58,452	9,869
1996	55,304	9,573	85,671	13,801	49,388	15,283	140,975	19,653	190,363	22,709	66,679	10,952
1997	55,536	9,031	74,578	11,897	68,795	20,295	130,539	18,049	199,336	25,199	72,347	11,673
1998	57,161	10,413	42,137	8,341	26,606	11,056	99,298	15,643	125,904	17,327	64,269	11,507
1999	65,242	10,273	74,250	12,391	67,256	13,132	139,492	18,586	206,748	20,773	76,585	11,590
2000	32,800	6,927	97,238	15,795	145,089	34,685	130,038	19,345	275,127	38,736	40,813	7,898
2001	38,656	8,762	83,570	13,324	93,135	23,506	122,237	17,247	215,361	28,405	51,899	9,548
2002	66,807	10,731	84,866	13,142	64,630	20,161	151,964	19,095	216,303	26,351	81,715	11,997
2003	64,806	10,731	57,565	11,169	106,815	29,682	122,382	18,062	229,187	33,480	70,708	11,382
2004	41,897	7,265	103,596	16,244	145,160	32,258	145,493	19,835	290,653	36,840	48,088	7,898
2005	62,515	9,548	99,059	15,795	93,159	24,734	161,575	21,123	254,733	30,861	73,020	10,731
2006	61,051	9,548	73,758	12,583	50,590	25,915	134,809	18,715	185,400	30,350	71,959	11,590
2007	82,542	11,997	70,897	11,382	64,106	15,881	153,439	18,586	217,545	22,928	89,437	12,583
2008	55,486	9,796	105,619	15,488	95,468	28,161	161,105	19,591	256,573	33,599	67,902	9,796
2009	50,390	9,796	118,762	16,967	110,793	24,219	169,152	20,780	279,945	31,151	54,112	9,796
2010	67,936	11,997	104,680	19,095	78,658	70,097	172,616	24,974	251,274	73,635	79,972	13,502
2011	51,117	9,796	81,950	13,853	59,812	17,448	133,066	19,591	192,878	24,337	57,565	10,274
2012	44,165	6,927	72,115	11,997	146,238	32,221	116,269	16,967	262,519	35,073	50,290	8,196
2013	67,611	11,997	69,008	13,853	40,314	12,585	136,609	23,077	176,934	22,231	73,814	14,025
2014	64,985	11,997	92,812	16,967	44,252	18,349	157,797	24,094	202,050	27,722	67,354	12,196
2015	59,185	10,038	89,704	15,175	42,689	19,481	142,889	21,154	185,579	26,656	62,471	10,731

<sup>1</sup> Estimates for geese represented by singles (excluding singles with nests) and pairs are "x 2" and are corrected for visibility (x 1.4). "Productive" geese are singles pairs with nests or broods, and geese initially seen as a single (assumed to be a goose from a nest) and joined by another goose (assumed to be the gander).

The estimate of grouped geese does not include groups larger than 15 birds from interior strata (assumed to be comprised largely of molting giant Canada geese)

<sup>2</sup> The total EPP estimates and estimates of singles + pairs are derived separately from the estimates of individual components; minor rounding errors may result

Breeding-ground survey estimates of Mississippi Valley Population Canada geese\*

Year	Spring Population		Breeding Component <sup>1</sup>		% Breeding	Nests	
	Number	95% C.I.	Number	95% C.I.		Number	95% C.I.
1989	569,638	135,997	352,538	70,423	62	176,269	35,212
1990	752,866	144,230	518,788	99,133	69	259,394	49,567
1991 <sup>2</sup>	637,913	160,983	254,756	62,808	40	127,378	31,404
1992	738,997	163,470	438,884	92,978	59	219,442	46,489
1993	571,197	112,877	411,209	52,866	72	205,604	26,433
1994	746,316	171,515	432,199	103,496	58	216,100	51,748
1995	722,926	133,550	348,163	60,441	48	174,081	30,220
1996	554,802	105,164	362,420	55,081	65	181,210	27,540
1997	585,511	124,415	425,981	52,377	73	212,990	26,188
1998	378,255	67,925	312,530	53,929	83	156,265	26,965
1999	798,764	158,559	465,464	72,367	58	232,732	36,184
2000	838,836	377,345	352,553	81,748	42	176,276	40,874
2001	364,856	59,723	325,431	49,788	89	162,715	24,894
2002	520,162	140,679	286,549	49,491	55	143,274	24,745
2003	455,944	110,599	360,052	80,264	79	180,026	40,132
2004 <sup>3</sup>	627,553	136,511	276,344	61,302	---	138,172	30,651
2005	453,141	78,400	344,907	49,176	76	172,454	24,588
2006	609,783	123,947	384,353	64,133	63	192,177	32,066
2007	577,302	151,411	403,864	100,612	70	201,932	50,306
2008	626,358	156,855	305,191	61,760	49	152,595	30,880
2009	521,998	191,825	242,810	49,492	47	121,405	24,746
2010	359,687	88,033	339,310	85,999	94	169,655	42,999
2011	300,208	52,010	269,840	48,204	90	134,920	24,102
2012	403,141	70,458	269,187	39,538	67	134,594	19,769
2013	390,657	111,902	319,692	78,407	82	159,846	39,204
2014	466,057	170,890	322,506	53,112	69	161,253	26,556
2015	254,824	46,360	226,544	42,698	89	113,272	21,349
Averages:							
1989-93	654,122		395,235		60	197,617	
1994-98	597,562		376,259		63	188,129	
1999-03	595,712		358,010		60	179,005	
2004-08	578,827		342,932		59	171,466	
2009-13	395,138		288,168		73	144,084	
1989-14	560,495		350,982		66	175,491	
% Change: 2015 vs.							
2014	-45%		-30%			-30%	
1989-14	-55%		-35%			-35%	

<sup>1</sup> Breeding Component = No. nests x 2

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<sup>2</sup> - Survey flown during late incubation and hatching. Estimates biased low due to visibility differences.

<sup>3</sup> Survey was delayed due to late spring break-up. Spring population and fall-flight estimates likely are inflated by molt-migrants.

\* Note: MVP numbers are different than previously reported for all years after a few data inconsistencies were fixed and consistent formulas were applied throughout to improve year-to-year comparability.

Breeding-ground survey estimates<sup>1</sup> of Southern James Bay Population Canada geese

Year	Spring Population			Observed as Breeding Pairs			Observed as Non-Breeders		
	Akimiski Is.	Mainland	Total	Akimiski Is.	Mainland	Total	Akimiski Is.	Mainland	Total
1990	48,120	63,932	112,052	32,742	59,316	92,058	15,378	4,616	19,994
1991	32,253	67,563	99,816	21,125	51,241	72,366	11,128	16,323	27,451
1992	25,783	61,534	87,317	20,417	52,547	72,964	5,367	8,987	14,354
1993	20,692	49,202	69,894	14,116	36,554	50,670	6,576	12,648	19,225
1994	40,419	55,732	96,151	16,024	29,701	45,725	24,395	26,032	50,427
1995	25,004	69,069	94,073	15,921	58,176	74,097	9,084	10,893	19,977
1996	36,745	85,285	122,030	19,795	51,302	71,097	16,950	33,983	50,932
1997	28,932	67,826	96,758	22,439	64,541	86,980	6,493	3,285	9,778
1998	31,318	75,372	106,690	17,929	52,383	70,312	13,390	22,988	36,378
1999	31,172	103,544	134,716	22,713	85,431	108,144	8,459	18,113	26,572
2000	23,154	64,952	88,106	17,017	61,687	78,704	6,137	3,265	9,402
2001	27,050	69,438	96,488	18,557	49,856	68,413	8,493	19,582	28,074
2002	21,079	43,324	64,403	16,116	39,118	55,234	4,963	4,207	9,170
2003	17,323	89,188	106,511	15,374	74,865	90,239	1,949	14,322	16,272
2004	16,693	75,825	92,518	11,819	63,351	75,170	4,874	12,474	17,347
2005 <sup>2</sup>	13,608	32,670	46,278	9,782	32,424	42,206	3,826	246	4,072
2006	22,037	138,392	160,429	16,981	111,900	128,881	5,057	26,492	31,549
2007 <sup>3</sup>	23,795	74,616	98,411	14,085	53,041	67,126	9,710	21,576	31,286
2008 <sup>4</sup>	15,770	94,640	110,410	13,793	78,539	92,332	1,977	16,100	18,077
2009	11,533	67,751	79,284	9,115	61,867	70,982	2,418	5,884	8,302
2010	17,677	70,966	88,643	13,649	63,932	77,581	4,028	6,907	10,935
2011	13,420	87,239	100,659	11,539	76,868	88,407	1,881	10,176	12,057
2012	16,813	79,706	96,519	11,305	67,534	78,839	5,508	11,932	17,440
2013	12,212	52,981	65,193	10,090	51,855	61,945	2,123	1,103	3,226
2014	17,474	65,119	82,593	14,346	65,119	79,465	3,127	0	3,127
2015	9,269	51,415	60,684	8,018	46,329	54,347	1,251	5,086	6,337
Averages:									
1990-94	33,453	59,593	93,046	20,885	45,872	66,757	12,569	13,721	26,290
1995-99	30,634	80,219	110,853	19,759	62,367	82,126	10,875	17,852	28,727
2000-04	21,060	68,545	89,605	15,777	57,775	73,552	5,283	10,770	16,053
2005-09	17,349	81,614	98,962	12,751	67,554	80,305	4,598	14,060	18,657
2010-14	15,519	71,202	86,721	12,186	65,062	77,247	3,333	6,024	9,357
1990-14	23,603	72,235	95,838	16,272	59,726	75,997	7,332	12,485	19,817
% Change: 2015 vs.:									
2014	-47%	-21%	-27%	-44%	-29%	-32%	-60%		103%
1990-14	-61%	-29%	-37%	-51%	-22%	-28%	-83%	-59%	-68%

<sup>1</sup> - Estimates = geese observed X 1.4 visibility correction

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<sup>2</sup> - Survey flown with different aircraft (Aero Commander) and during late incubation and hatching. Estimates biased low due to visibility differences.

<sup>3</sup> - In 2007, Stratum III was reduced by 20,000km<sup>2</sup>

<sup>4</sup> - Four transects were not flown in Stratum II

Spring population estimates of Mississippi Flyway Giant Canada geese, 1993-2016

State/Province	2015		2016	
	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits
Alabama 4	55,000		55,000	
Arkansas 4, 13 (2016)	53,257		53,257	
Illinois 1	112,550	26,850	105,150	27,300
Indiana 1(01, 03-09, 11-15), 4(02) *(10)	90,764	32,687	98,194	28,950
Iowa 1(93-96,00-01,05-09,13), 4(12), 3 otherwise	71,726	12,191	84,485	13,353
Kentucky 1	27,773		44,685	7,784
Louisiana 4	4,500		4,800	
Manitoba 11	109,748		130,708	
Michigan 5	308,163	43,164	332,932	34,029
Minnesota 2(98-00), 1(01-16)	267,488	61,291	201,654	64,297
Mississippi 4	30,000		30,000	
Missouri 1, *(2015)	69,445		65,380	28,580
Ohio 1, *(12)	134,075	56,678	57,890	23,234
Ontario 12 (99-08,14), *(09-12)	86,773		55,185	8,970
Tennessee 1(98-08, 10, 12) *(09, 11, 15-16)	79,950		79,950	
Wisconsin 5	119,212	18,547	129,562	20,768
<b>Flyway Total</b>	<b>1,620,424</b>		<b>1,528,832</b>	

State/Province	2014		2013		2012		2011		2010		2009		2008		2007		2006		2005		2004	
	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits
Alabama 4	55,000		48,300		42,000		41,500		41,000		31,100		30,700		29,900		29,100		28,800	n/a	27,900	n/a
Arkansas 4	50,000		50,000		35,000		35,000		35,000		35,000		35,000		35,000		30,000		30,000	n/a	30,000	n/a
Illinois 1	96,050	24,050	114,800	27,600	107,350	28,100	104,900	28,300	107,850	34,900	133,550	36,800	138,300	41,300	105,000	28,900	109,400	27,800	93,400	25,450	103,250	21,450
Indiana 1(01, 03-09, 11-14), 4(02) *(10)	81,482	21,797	88,542	34,839	89,229	24,581	110,194	31,585	84,214		84,214	14,505	102,700	31,800	125,323	37,561	175,892	88,623	94,979	27,997	80,222	29,423
Iowa 1(93-96,00-01,05-09,13), 4(12), 3 otherwise	84,694	16,829	73,907	11,782	100,000		105,738	19,935	96,738	14,764	104,844	16,878	88,784	13,620	93,367	16,370	101,460	16,349	91,141	14,787	68,900	n/a
Kentucky 1	39,656	16,207	31,955	14,551	30,294	20,822	34,649	16,379	27,272	16,988	30,014	11,758	32,387	17,837	25,617	13,888	26,508	14,105	29,724	18,793	35,211	20,907
Louisiana 4	4,500		4,100		3,400		3,400		3,000		3,000		2,500		2,500		2,500		2,500	n/a	2,500	n/a
Manitoba 11	81170		103,678		107,310		93,446		103,934		77,229		66,835		74,987		80,320		34,898		89,069	
Michigan 5	216,661	49,257	265,444	52,431	278,828	101,805	175,952	52,404	306,604	85,653	201,074	54,868	207,665	52,363	223,346	65,567	198,846	48,992	168,701	51,911	171,825	46,874
Minnesota 2(98-00), 1(01-14)	261,600	77,800	268,100	73,100	433,698	132,344	369,674	119,814	310,734	70,760	284,996	70,607	288,872	69,055	279,433	80,167	375,571	108,436	338,254	90,541	374,747	107,303
Mississippi 4	31,000		31,000		31,000		31,000		31,000		31,000		31,000		31,000		28,500	n/a	28,500	n/a	26,250	n/a
Missouri 1	69,445	26,532	46,535	15,330	58,628	18,110	53,276	15,351	45,166	15,192	52,443	15,721	69,031	26,658	39,861	14,630	64,593	20,220	53,487	21,985	65,172	29,976
Ohio 1, *(12)	102,069	38,860	147,475	45,321	147,718		147,718	26,365	102,441	27,869	99,652	44,806	102,035	12,348	110,290	18,741	80,709	19,904	98,179	28,473	84,640	8,284
Ontario 12 (99-08,14), *(09-12)	81,438		90,054		73,918		102,980		100,721		60,193		77,478		85,647		91,214		78,490		68,458	
Tennessee 1(98-08, 10, 12) *(09, 11)	79,950	46,114	97,877	51,288	82,462		84,753		84,753		71,720		71,720	27,071	68,188	15,550	45,880	10,707	72,105	22,855	53,254	15,980
Wisconsin 5	126,299	18,547	138,925	23,786	145,386	22,003	176,095	26,138	157,622	23,956	148,293	43,781	116,715	18,735	125,195	21,047	134,683	41,009	123,836	20,042	149,004	47,043
<b>Flyway Total</b>	<b>1,461,014</b>		<b>1,600,692</b>		<b>1,766,221</b>		<b>1,670,275</b>		<b>1,638,049</b>		<b>1,448,322</b>		<b>1,461,721</b>		<b>1,454,654</b>		<b>1,575,176</b>		<b>1,366,994</b>		<b>1,430,402</b>	

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State/Province	2003		2002		2001		2000		1999		1998		1997		1996		1995		1994		1993	
	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits
Alabama 4 (*03)	27,000	n/a	25,000	n/a	20,000	n/a	12,000	n/a	12,000	n/a	9,000	n/a	4,030	8	4,390	6	18,000	4	17,000	4	16,000	4
Arkansas 4	27,000	n/a	25,000	n/a	25,000	n/a	25,000	n/a	20,000	n/a	10,000	n/a	4,785	8	4,390	6	3,300	6	3,000	6	3,000	6
Illinois 1	81,600	20,850	83,850	25,300	85,700	25,900	102,900	28,700	111,800	27,100	105,650	36,350	72,720	27,500	154,236	55,700	107,000	55,700	114,200	47,900	106,200	67,700
Indiana 1(01, 03-05), 4(02)	106,558	n/a	121,052	48,840	121,052	48,840	121,340	46,121	88,966	34,142	78,857	21,939	92,940	37,100	86,582	6	101,800	33,600	69,600	25,300	67,500	48,000
Iowa 1(93-96,00-01,05), 3 otherwise	65,539	n/a	61,262	n/a	53,839	9,653	54,519	8,490	44,400	9,760	44,860	9,860	42,300	10,570	40,655	8,160	32,100	6,680	28,025	6,460	38,000	7
Kentucky 1	23,338	11,083	27,322	9,251	36,526	9,185	38,508	18,634	46,395	11,046	23,495	7,810	19,670	7,530	29,071	16,720	15,000	7,000	20,675	19,600	18,000	6
Louisiana 4	2,500	n/a	2,500	n/a	2,000	n/a	2,000	n/a	2,000	n/a	1,500	n/a	4,030	8	4,390	6	3,300	4	3,000	4	3,000	4
Manitoba 11	42,659	n/a	52,825		27,413		42,327		31,882		37,651		41,025		41,787		44,524		37,025		42,892	
Michigan 5	216,200	59,400	245,597	65,828	233,860	56,176	324,710	76,131	248,500	64,309	284,300	74,176	212,612	59,548	185,538	52,236	174,131	48,017	196,515	70,428	152,340	43,500
Minnesota 2(98-00), 1(01-11)	304,230	78,428	334,685	134,286	285,000	69,500	294,900	n/a	210,200	n/a	214,600	n/a	169,000	2	190,200	6	207,200	6	201,600	6	138,000	6
Mississippi 4	25,000	n/a	20,000	n/a	20,000	n/a	20,000	n/a	20,000	n/a	20,000	n/a	10,980	8	11,970	6	9,000	4	9,000	4	9,000	4
Missouri 1	62,806	19,519	64,222	24,045	50,516	14,935	77,128	27,710	56,750	10,987	44,826	8,816	41,020	22,800	38,868	19,530	32,200	14,200	35,050	19,400	30,300	18,000
Ohio 1	70,498	9,800	98,556	14,446	142,648	22,282	90,256	29,732	84,208	8,904	77,942	14,136	72,000	19,950	74,527	18,350	69,300	26,050	71,000	22,300	58,000	30,000
Ontario 12 (99-08), *(09-11)	68,458		49,294		49,294		49,294		45,303		45,303		34,253		34,253		34,253		23,828		23,828	
Tennessee 1	57,488	15,352	60,599	15,011	69,752	25,938	69,778	24,414	53,077	17,408	65,868	23,476	54,120	8	59,120	6	44,300	6	40,200	6	38,000	6
Wisconsin 5	235,448	84,568	143,484	52,555	73,669	24,712	112,040	38,470	87,800	31,366	76,800	29,841	81,500	32,000	77,300	5	46,200	16,800	39,700	40,700	35,300	55,000
<b>Flyway Total</b>	<b>1,416,322</b>		<b>1,415,248</b>		<b>1,296,270</b>		<b>1,436,700</b>		<b>1,163,281</b>		<b>1,140,452</b>		<b>956,985</b>		<b>1,037,277</b>		<b>941,607</b>		<b>909,418</b>		<b>779,360</b>	

\*estimate used from previous year

\*\*estimate provided by CWS from aerial duck survey

1 Estimate derived from aerial survey (helicopter plot method)

2 Estimate derived from aerial survey (fixed-winged transects), incomplete coverage.

3 Estimate derived from ground count

4 Agency's best estimate

5 Estimate from aerial survey (fixed-winged transects), helicopter or ground count visibility corrections, incomplete coverage.

6 Estimate derived using weighted means from other states and stratified maps provided by state/province.

7 Estimate based on extrapolation from survey conducted in part of state.

8 Estimate is the product of last years estimate and the average change in surveyed regions.

9 Estimate from ground-based plot survey

10 Estimate based on extrapolation of population from average growth rate estimate

11 Estimate based on extrapolation of population from average growth rate estimate

WBPHS strata 50 (western ON) applied to unsurveyed MFGP range in southeastern MB

12 Estimates based on ground plot survey assuming 25% of the Ontario estimate is affiliated with the MF

13 Lincoln estimator

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NUMBERS OF DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	11,600	26,900	283,200	51,800	1,114,700	236,400	122,300	519,100	94,300	1,051,200	196,500	1,299,600	154,500	92,800	5,254,900
1956	7,200	65,900	147,100	56,500	1,343,500	1,037,600	140,000	439,600	161,300	1,334,400	259,300	1,805,600	239,000	150,800	7,187,800
1957	34,500	39,000	131,100	110,100	1,886,000	512,800	166,900	376,600	184,200	1,207,000	441,000	2,116,500	179,900	106,500	7,492,100
1958	23,300	37,600	90,000	162,000	448,800	719,700	47,200	338,500	196,800	1,632,900	627,900	2,182,600	140,200	50,900	6,698,400
1959	11,500	33,600	137,000	121,400	521,900	484,000	55,300	330,900	228,900	1,421,300	539,700	2,760,900	110,800	69,100	6,826,300
1960	7,100	51,600	43,900	47,600	543,700	345,900	76,000	203,900	76,400	1,322,500	276,300	3,462,500	133,000	69,100	6,659,500
1961	11,600	62,100	43,900	378,500	384,200	270,800	147,800	230,300	63,200	1,235,500	321,800	4,477,400	115,900	108,200	7,851,200
1962	4,100	34,100	14,200	10,000	98,900	24,200	49,500	226,800	119,800	905,500	167,600	4,654,600	205,800	139,300	6,654,400
1963	9,300	36,300	39,600	144,400	435,900	72,800	62,500	256,400	97,900	1,161,100	257,500	4,406,600	145,500	102,000	7,227,800
1964	8,800	38,900	63,800	112,600	948,300	57,600	128,600	352,600	112,600	1,353,900	490,600	6,885,900	192,300	118,700	10,865,200
1965	15,400	29,800	58,300	103,400	274,700	22,000	114,800	314,500	32,700	1,372,000	451,800	4,769,100	152,500	76,100	7,787,100
1966	13,900	44,100	57,700	287,800	553,600	67,900	85,500	554,000	46,200	1,543,400	536,800	4,971,600	247,800	88,000	9,098,300
1967	16,200	44,600	31,700	123,300	501,800	72,000	148,000	508,600	8,800	1,631,400	638,900	4,494,300	281,700	112,000	8,613,300
1968	8,700	17,900	61,300	107,400	174,800	14,700	33,000	186,700	34,900	971,300	357,000	4,235,600	378,600	91,200	6,673,100
1969	10,000	27,900	70,800	37,700	164,600	10,400	115,800	244,000	17,700	1,030,500	382,800	5,294,400	227,200	87,100	7,720,900
1970	18,700	14,500	52,800	83,200	469,900	2,700	60,100	355,600	41,300	1,685,600	436,000	5,156,400	497,500	138,700	9,013,000
1971	17,600	10,800	48,900	145,100	605,500	28,300	96,700	305,500	29,700	1,953,800	334,300	4,139,100	396,400	91,000	8,202,700
1972	18,100	19,200	40,700	163,900	325,700	32,000	190,300	318,200	23,500	1,200,600	357,500	2,749,300	159,000	77,000	5,675,000
1973	19,900	15,400	49,500	40,100	459,700	17,700	40,200	229,300	67,800	784,500	486,000	4,414,200	658,000	111,300	7,393,600
1974	19,500	16,400	45,000	43,600	87,600	10,600	26,400	184,100	8,000	938,000	346,000	4,245,600	397,800	68,300	6,436,900
1975	12,100	21,900	48,800	73,500	277,700	68,200	95,600	344,800	39,500	1,274,700	294,700	2,882,500	593,000	71,900	6,098,900
1976	29,300	28,500	49,600	148,300	793,600	58,400	42,800	465,800	49,200	1,132,800	452,700	5,515,100	810,900	112,800	9,689,800
1977	27,900	22,100	26,600	114,500	513,900	33,100	54,300	287,600	15,400	300,800	476,400	4,837,300	207,400	106,100	7,023,400
1978	25,300	24,000	43,100	144,200	288,000	47,600	25,700	516,100	48,800	691,600	392,500	2,070,500	265,000	137,200	4,719,600
1979	26,900	20,700	22,500	26,800	242,500	60,000	32,500	157,000	49,600	626,100	374,500	4,451,200	251,800	93,800	6,435,900
1980	62,300	27,400	50,700	241,900	525,400	17,900	43,300	315,400	91,800	414,000	442,200	2,684,000	266,700	90,900	5,273,900
1981	42,300	27,000	47,600	131,300	422,800	47,700	46,900	213,400	57,700	964,700	390,000	3,201,400	214,600	99,300	5,906,700
1982	25,000	19,400	39,900	87,400	305,700	33,200	35,000	219,200	20,000	1,200,000	299,200	3,591,800	232,600	87,800	6,196,200
1983	22,300	33,200	58,000	64,600	168,300	22,000	75,100	404,800	43,700	719,200	283,700	2,326,100	331,200	58,300	4,610,500
1984	16,900	32,000	43,400	5,500	76,600	13,800	32,300	61,700	32,500	219,200	214,200	2,638,000	486,200	65,200	3,937,500
1985	22,400	40,800	30,300	9,700	63,600	24,000	36,600	163,700	27,100	1,454,500	190,600	3,186,200	130,000	46,800	5,426,300
1986	16,500	33,600	19,200	28,000	268,500	27,400	77,300	209,700	31,800	1,032,000	283,800	2,598,600	359,900	78,000	5,064,300
1987	18,400	34,900	27,900	81,200	324,200	21,600	104,300	152,600	23,900	658,800	318,900	2,124,200	203,400	79,500	4,173,800
1988	16,700	38,800	102,300	42,000	229,200	23,400	67,800	164,700	35,800	1,520,900	468,800	3,131,900	196,900	91,000	6,130,200
1989	27,500	44,200	50,900	80,100	141,100	30,200	63,100	211,200	28,500	1,225,200	662,700	4,176,200	184,800	97,700	7,023,400
1990	56,280	52,420	53,145	33,104	227,535	20,104	89,281	155,804	21,858	1,059,394	630,052	3,795,650	286,900	91,541	6,573,068
1991	25,984	30,987	50,474	12,852	43,137	4,905	70,412	110,100	32,685	2,462,742	228,873	2,710,850	235,257	87,091	6,106,349
1992	21,173	44,012	38,577	33,664	192,670	28,990	141,987	169,700	23,918	624,147	260,519	3,999,731	246,245	65,443	5,890,776
1993*	19,610	39,596	53,795	17,527	146,046	26,715	160,046	363,426	89,562	777,916	343,949	741,057	319,028	92,260	3,190,533
1994	14,168	35,791	NS**	19,057	129,878	19,472	157,183	371,589	50,479	916,294	526,164	4,204,216	310,073	78,573	6,832,937
1995	13,103	58,540	190,290	9,323	286,974	36,964	130,981	559,665	58,565	902,470	548,650	4,307,677	282,394	67,843	7,453,439
1996	3,856	43,278	96,660	26,675	265,060	9,016	143,493	342,378	62,114	827,039	616,448	5,264,644	208,887	170,133	8,079,681
1997*	17,825	38,341	77,557	50,805	259,078	35,120	77,304	528,842	35,011	668,171	732,784	1,111,198	190,601	73,085	3,895,722
1998	16,964	55,255	161,510	71,233	218,818	43,221	184,715	410,639	10,152	792,105	268,723	3,843,331	175,765	88,523	6,340,954
1999	12,254	51,442	145,590	16,388	72,747	46,153	101,834	314,348	80,857	621,934	564,228	3,735,211	157,257	107,766	6,028,009
2000	24,087	96,650	176,813	24,815	342,090	72,910	94,085	713,860	54,985	319,853	368,481	5,145,418	103,418	79,762	7,617,227

Continued on next page

NUMBERS OF DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from previous page															
2001	30,056	50,147	78,321	9,087	98,580	15,812	101,200	85,701	113,679	604,240	481,138	5,818,758	180,932	114,882	7,782,533
2002	33,262	94,388	176,482	117,790	189,147	71,795	118,656	589,454	118,139	1,143,044	467,408	3,644,897	353,936	112,436	7,230,834
2003	27,691	165,093	101,379	119,353	159,660	10,274	71,265	300,014	43,827	553,397	344,658	3,129,665	209,799	88,522	5,324,597
2004	40,984	NS	185,287	34,095	216,950	9,904	85,324	641,185	35,163	298,149	256,290	3,852,088	188,831	86,963	5,931,213
2005	31,792	101,645	85,300	25,448	286,821	6,505	53,219	691,470	85,076	567,243	397,019	3,105,093	124,133	76,685	5,637,449
2006*	22,983	129,952	63,865	28,414	358,372	25,870	95,775	572,741	104,307	267,928	792,506	3,213,419	336,635	94,721	6,107,488
2007	12,426	79,658	155,827	161,241	177,152	19,448	102,179	530,455	65,648	485,502	376,254	4,737,227	144,977	68,895	7,116,889
2008	15,105	119,249	94,809	24,439	150,794	9,890	61,275	394,515	138,863	668,129	874,307	2,148,068	540,562	104,499	5,344,504
2009	28,238	69,340	105,262	19,820	127,225	23,655	94,758	367,441	101,679	910,353	518,139	2,011,575	546,561	117,771	5,041,817
2010 <sup>1</sup>	25,985	77,473	157,401	21,787	148,917	14,533	48,561	147,468	107,027	3,013,623	850,266	3,434,357	934,140	65,152	9,046,690
2011	28,768	89,410	92,755	35,946	198,357	60,184	73,995	709,861	77,359	1,227,393	743,307	3,900,893	676,670	85,694	8,000,592
2012	30,465	119,522	NS	67,471	451,645	83,266	100,413	681,265	90,740	1,133,622	794,602	3,514,313	663,054	81,177	7,811,555
2013	14,940	80,825	NS	77,972	446,043	23,845	119,592	621,976	116,205	562,237	695,984	3,133,372	508,637	96,397	6,498,025
2014	16,091	45,423	101,858	68,830	150,906	30,062	79,816	396,079	108,410	1,017,246	717,302	4,054,418	1,281,276	81,264	8,148,981
2015	19,785	49,872	193,784	40,527	457,620	23,659	173,060	638,919	122,178	1,312,653	630,529	3,825,167	679,465	84,516	8,251,734
2016	24,730	127,902	209,411	61,314	796,235	36,014	114,061	753,452	52,777	1,065,338	862,482	2,485,532	537,911	60,684	7,187,843
AVERAGES:															
55-60	15,867	42,433	138,717	91,567	976,433	556,067	101,283	368,100	156,983	1,328,217	390,117	2,271,283	159,567	89,867	6,686,500
61-65	9,840	40,240	43,960	149,780	428,400	89,480	100,640	276,120	85,240	1,205,600	337,860	5,038,720	162,400	108,860	8,077,140
66-70	13,500	29,800	54,860	127,880	372,940	33,540	88,480	369,780	29,780	1,372,440	470,300	4,830,460	326,560	103,400	8,223,720
71-75	17,440	16,740	46,580	93,240	351,240	31,360	89,840	276,380	33,700	1,230,320	363,700	3,686,140	440,840	83,900	6,761,420
76-80	34,340	24,540	38,500	135,140	472,680	43,400	39,720	348,380	50,960	633,060	427,660	3,911,620	360,360	108,160	6,628,520
81-85	25,780	30,480	43,840	59,700	207,400	28,140	45,180	212,560	36,200	911,520	275,540	2,988,700	278,920	71,480	5,215,440
86-90	27,076	40,784	50,689	52,881	238,107	24,541	80,356	178,801	28,372	1,099,259	472,850	3,165,310	246,380	87,548	5,792,954
91-95	18,808	41,785	83,284	18,485	159,741	23,409	132,122	314,896	51,042	1,136,714	381,631	3,192,706	278,599	78,242	5,894,807
96-00	14,997	56,993	131,626	37,983	231,559	41,284	120,286	462,013	48,624	645,820	510,133	3,819,960	167,186	103,854	6,392,319
01-05	32,757	102,818	125,354	61,155	190,232	22,858	85,933	461,565	79,177	633,215	389,303	3,910,100	211,526	95,898	6,381,325
06-10	20,947	95,134	115,433	51,140	192,492	18,679	80,510	402,524	103,505	1,069,107	682,294	3,108,929	500,575	90,208	6,531,478
11-15	22,104	87,026	121,211	52,647	160,489	25,542	76,154	429,948	98,115	1,261,000	672,455	3,246,424	568,582	88,402	6,910,098

\* - Incomplete survey. Estimates for the flyway and some states (IL, LA, 93; LA, MS, 97; MS, 06) are not comparable with other years.

\*\* - NS = No survey

DF 09/16/16

<sup>1</sup>-Arkansas 2010: switched to a transect survey in Zone 2 & 3

NUMBERS OF DABBLING DUCKS\* OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	9,300	11,600	45,300	43,100	1,073,400	224,500	92,500	508,000	80,100	1,045,700	151,800	1,141,000	120,300	71,000	4,617,600
1956	3,900	17,600	54,000	55,600	1,311,100	1,034,700	118,300	431,900	147,400	1,326,000	201,100	1,656,500	193,100	116,700	6,667,900
1957	30,200	21,900	45,500	108,000	1,832,100	509,000	159,400	366,900	172,000	1,186,000	408,700	1,758,600	106,900	85,900	6,791,100
1958	17,400	9,700	20,600	161,300	411,000	709,600	41,900	329,700	182,100	1,604,100	565,400	1,939,200	92,400	38,700	6,123,100
1959	6,400	17,300	22,800	120,300	467,500	469,700	50,100	322,700	215,500	1,392,800	509,200	2,495,900	65,000	59,200	6,214,400
1960	4,300	18,100	21,300	47,600	497,700	341,400	70,600	198,300	75,300	1,297,300	255,700	2,491,700	103,700	63,900	5,486,900
1961	7,300	28,000	24,400	378,400	343,100	269,800	84,900	216,000	55,300	1,196,500	306,000	2,814,200	89,000	100,700	5,913,600
1962	3,300	8,800	6,300	9,900	63,600	22,300	41,900	213,700	117,700	868,200	138,200	2,862,100	127,400	121,500	4,604,900
1963	7,500	13,200	8,700	143,000	398,600	71,600	58,100	243,500	92,600	1,126,400	231,900	2,684,600	98,700	86,100	5,264,500
1964	6,800	14,200	26,300	112,200	925,100	56,500	97,700	343,200	77,900	1,282,300	426,800	6,017,000	131,800	83,600	9,601,400
1965	13,600	10,100	20,600	103,200	245,600	21,000	103,100	306,000	29,700	1,331,200	421,500	4,276,800	92,000	68,600	7,043,000
1966	12,900	17,000	27,600	287,100	490,500	65,700	74,500	545,000	37,400	1,520,800	489,800	4,608,200	189,300	74,800	8,440,600
1967	14,600	8,300	10,500	123,100	454,900	69,200	125,800	492,400	7,200	1,588,700	587,700	4,154,100	201,500	94,800	7,932,800
1968	7,600	7,400	10,400	107,400	161,000	13,900	31,600	173,000	30,500	949,100	326,300	3,405,400	290,800	77,500	5,591,900
1969	9,100	8,000	15,300	37,500	145,700	10,300	105,000	225,600	14,700	1,012,800	357,400	3,686,500	167,300	79,200	5,874,400
1970	17,500	7,200	14,300	83,100	443,500	2,400	59,800	343,200	37,500	1,643,900	392,400	4,013,000	446,500	118,500	7,622,800
1971	16,800	8,100	20,800	140,900	587,100	25,900	95,800	290,500	28,100	1,910,500	306,800	3,099,000	313,800	79,100	6,923,200
1972	17,100	6,400	10,800	162,500	305,200	31,200	174,900	305,700	23,100	1,168,500	337,500	2,569,300	107,600	68,900	5,288,700
1973	18,800	13,400	15,000	40,000	405,300	16,400	39,800	213,600	67,800	739,500	470,500	3,384,900	618,500	104,100	6,147,600
1974	18,800	11,300	9,200	43,500	71,300	8,500	24,700	161,700	7,100	925,300	328,300	3,468,400	334,500	57,100	5,469,700
1975	11,700	9,900	14,600	66,500	240,900	63,600	80,900	330,700	38,800	1,238,100	276,100	2,600,300	570,400	57,900	5,600,400
1976	28,800	11,700	26,300	141,200	749,700	57,300	39,600	437,200	47,700	1,095,700	426,600	4,800,400	765,500	89,100	8,716,800
1977	27,400	14,400	16,900	112,200	493,400	32,200	34,700	262,300	13,600	278,000	459,200	4,143,700	173,000	85,300	6,146,300
1978	25,000	12,800	18,100	140,100	246,500	46,200	21,200	488,300	47,100	662,500	371,300	1,879,000	232,300	106,700	4,297,100
1979	26,800	13,000	10,500	26,100	183,300	29,200	21,200	123,400	47,100	607,600	342,400	3,412,000	234,100	75,000	5,151,700
1980	62,200	12,900	17,300	223,500	415,700	17,300	36,900	296,100	91,800	385,000	423,800	2,313,500	224,200	63,000	4,583,200
1981	41,800	17,000	14,300	129,900	375,300	47,200	31,300	197,200	53,200	884,100	369,100	2,857,200	162,900	69,100	5,249,600
1982	24,700	14,600	13,300	87,000	250,600	32,000	27,300	205,100	19,500	1,139,700	286,300	2,900,800	215,100	66,000	5,282,000
1983	22,300	18,300	13,900	63,700	99,200	21,000	54,100	394,600	41,400	670,000	274,400	2,116,700	289,400	50,400	4,129,400
1984	16,800	24,000	13,300	5,500	57,600	11,400	28,300	50,800	29,600	213,500	208,300	2,168,200	447,800	51,200	3,326,300
1985	21,900	24,900	5,700	9,500	43,500	22,600	27,300	154,300	26,100	1,246,000	184,200	2,529,300	95,000	35,600	4,425,900
1986	15,900	26,800	8,200	28,000	209,800	25,800	50,600	185,800	28,900	935,700	278,300	2,193,400	248,100	67,200	4,302,500
1987	17,900	25,300	8,300	79,200	246,100	20,200	91,700	138,900	21,400	637,500	309,600	1,520,800	172,400	63,100	3,352,400
1988	16,000	28,300	7,500	41,400	149,500	18,900	58,200	138,800	30,800	1,432,300	452,500	2,398,800	153,300	75,300	5,001,600
1989	25,600	30,100	18,800	79,800	90,300	29,500	47,000	188,800	26,500	1,139,300	646,000	3,118,600	141,100	74,600	5,656,000
1990	54,985	35,329	17,812	32,732	141,295	19,861	44,616	128,836	18,761	1,029,845	625,078	3,312,350	256,800	66,604	5,784,904
1991	25,196	24,564	10,861	12,738	25,309	4,429	46,478	93,500	29,088	2,356,138	212,018	2,530,750	217,945	68,147	5,657,161
1992	20,321	31,867	17,932	31,202	168,835	27,626	110,575	155,900	22,359	544,454	239,866	3,373,064	192,012	55,814	4,991,827
1993**	18,481	27,848	16,078	17,052	90,140	25,611	105,041	308,777	88,446	756,953	324,731	571,723	279,763	79,959	2,710,603
1994	13,651	22,248	NS***	18,953	95,588	18,925	95,993	344,238	48,394	839,704	489,074	3,850,163	295,966	69,732	6,202,629
1995	12,310	38,386	40,717	8,488	245,496	35,418	111,973	523,784	57,628	835,813	521,564	4,074,035	233,536	60,328	6,799,476
1996	3,336	33,381	35,337	26,393	220,545	8,298	83,883	306,859	58,295	812,046	590,306	4,628,262	200,823	149,686	7,157,450
1997**	17,320	26,822	12,307	49,400	196,871	32,340	50,970	481,772	33,531	556,422	715,902	981,056	184,218	65,358	3,404,289
1998	14,622	28,798	37,372	61,828	178,268	41,758	69,657	385,847	8,998	783,935	258,823	3,327,294	171,143	74,764	5,443,107
1999	11,907	26,421	32,324	15,516	62,934	42,468	70,366	292,055	75,425	603,777	546,211	3,340,865	146,918	91,965	5,359,152
2000	22,906	43,753	86,233	18,166	284,129	69,061	73,065	688,267	45,596	315,583	353,920	4,737,682	92,427	68,807	6,899,595

Continued on next page

NUMBERS OF DABBLING DUCKS\* OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from previous page															
2001	29,683	28,633	22,187	8,203	69,646	14,845	82,202	70,423	107,412	580,731	458,439	5,125,580	174,364	99,301	6,871,649
2002	30,815	41,500	33,653	111,009	182,764	69,186	98,256	573,748	111,487	1,119,293	443,922	3,120,012	342,550	93,776	6,371,971
2003	26,022	55,058	36,314	116,547	108,212	9,299	40,999	281,851	30,619	521,892	323,029	2,635,766	199,329	66,322	4,451,259
2004	39,416	NS	46,464	22,921	171,478	9,393	56,672	616,642	29,175	293,746	240,875	2,695,485	182,903	69,056	4,474,226
2005	30,634	28,186	17,409	19,793	207,619	6,183	27,185	668,851	71,485	538,782	368,228	2,388,469	116,607	59,907	4,549,338
2006**	19,745	28,109	26,508	23,472	304,210	24,028	71,009	530,877	92,322	258,724	760,534	2,694,832	55,618	81,382	4,971,370
2007	11,750	30,726	31,036	89,495	129,807	17,368	46,253	501,861	53,763	460,909	344,336	4,472,936	128,040	62,931	6,381,211
2008	12,815	26,953	24,581	20,716	106,947	8,702	46,078	367,379	120,550	654,143	786,567	1,895,758	464,988	80,429	4,616,606
2009	23,363	27,372	33,357	16,272	78,555	21,291	63,139	347,459	92,952	895,103	480,547	1,668,701	476,181	99,920	4,324,212
2010 <sup>1</sup>	19,514	30,070	26,004	5,982	131,842	12,489	31,425	129,726	105,332	2,932,964	810,437	2,781,112	741,853	52,144	7,810,894
2011	19,692	34,093	25,816	32,033	169,591	57,644	54,638	689,407	74,910	1,107,466	697,833	3,061,186	549,788	73,227	6,647,324
2012	23,120	40,157	NS***	49,727	314,726	61,344	70,535	633,028	83,502	1,085,704	757,002	2,406,377	564,127	67,155	6,156,504
2013	13,378	26,099	NS***	68,831	341,220	20,918	86,401	609,693	110,149	540,231	667,836	2,572,868	430,841	79,252	5,567,717
2014	14,292	19,919	22,036	64,754	115,648	26,975	63,427	375,483	99,596	1,008,679	667,091	2,728,070	1,073,533	64,717	6,344,220
2015	15,546	20,093	33,655	36,928	384,299	20,401	99,466	621,480	112,500	1,144,755	606,096	2,611,519	586,027	64,023	6,356,788
2016	17,326	34,390	36,025	56,408	465,431	32,822	75,012	607,079	50,063	1,005,509	801,446	1,806,203	427,262	52,810	5,467,786
AVERAGES:															
55-60	11,917	16,033	34,917	89,317	932,133	548,150	88,800	359,583	145,400	1,308,650	348,650	1,913,817	113,567	72,567	5,983,500
61-65	7,700	14,860	17,260	149,340	395,200	88,240	77,140	264,480	74,640	1,160,920	304,880	3,730,940	107,780	92,100	6,485,480
66-70	12,340	9,580	15,620	127,640	339,120	32,300	79,340	355,840	25,460	1,343,060	430,720	3,973,440	259,080	88,960	7,092,500
71-75	16,640	9,820	14,080	90,680	321,960	29,120	83,220	260,440	32,980	1,196,380	343,840	3,024,380	388,960	73,420	5,885,920
76-80	34,040	12,960	17,820	128,620	417,720	36,440	30,720	321,460	49,460	605,760	404,660	3,309,720	325,820	83,820	5,779,020
81-85	25,500	19,760	12,100	59,120	165,240	26,840	33,660	200,400	33,960	830,660	264,460	2,514,440	242,040	54,460	4,482,640
86-90	26,077	29,166	12,122	52,226	167,399	22,852	58,423	156,227	25,272	1,034,929	462,296	2,508,790	194,340	69,361	4,819,481
91-95	17,992	28,983	21,397	17,687	125,074	22,402	94,012	285,240	49,183	1,066,612	357,451	2,879,947	243,844	66,796	5,272,339
96-00	14,018	31,835	40,715	34,261	188,549	38,785	69,588	430,960	44,369	614,353	493,032	3,403,032	159,106	90,116	5,652,719
01-05	31,314	38,344	31,205	55,695	147,944	21,781	61,063	442,303	70,036	610,889	366,899	3,193,062	203,151	77,672	5,343,689
06-10	17,437	28,646	28,297	31,187	150,272	16,776	51,581	375,460	92,984	1,040,369	636,484	2,702,668	373,336	75,361	5,620,859
11-15	17,206	28,072	27,169	50,455	265,097	37,456	74,893	585,818	96,131	977,367	679,172	2,676,004	640,863	69,675	6,214,511

\* - MALLARD; BLACK DUCK; MOTTLED DUCK; GADWALL; WIGEON; GW, BW, & CINN. TEAL; SHOVELER; PINTAIL; WOOD DUCK (SOME YEARS); WHISTLING DUCK.

\*\* - INCOMPLETE SURVEY. ESTIMATES FOR THE FLYWAY AND SOME STATES (IL, LA, 93; LA, MS, 97; MS 06), ARE NOT COMPARABLE WITH OTHER YEARS.

\*\*\* - NS = No survey

<sup>1</sup>-Arkansas 2010: switched to a transect survey in Zone 2 & 3

NUMBERS OF DIVING DUCKS\* OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	1,100	11,200	206,300	3,900	31,200	9,000	10,600	2,900	3,000	4,600	24,300	154,800	29,800	12,100	504,800
1956	2,100	32,300	76,800	500	14,200	1,100	4,700	800	2,300	8,400	51,100	146,200	41,200	29,700	411,400
1957	3,200	11,900	69,300	600	34,400	3,500	1,900	1,300	1,600	21,000	25,600	342,800	67,100	15,200	599,400
1958	5,200	18,100	64,200	600	13,800	8,000	2,000	4,300	2,500	28,800	42,600	239,100	44,800	7,500	481,500
1959	1,700	13,800	112,000	TR**	21,600	1,800	3,000	1,600	5,900	26,500	28,500	257,500	42,200	8,700	524,800
1960	1,600	20,700	20,200	TR	15,200	2,700	1,300	1,300	1,100	21,900	15,400	962,900	26,400	4,800	1,095,500
1961	1,500	19,800	18,100	TR	15,800	700	6,500	3,200	6,600	35,400	12,900	1,651,600	22,600	7,200	1,801,900
1962	700	23,300	6,900	TR	14,700	900	5,300	3,100	900	36,300	23,300	1,779,300	72,600	17,300	1,984,600
1963	1,300	16,000	29,700	800	14,500	900	3,300	4,600	3,500	34,000	17,600	1,703,000	45,800	15,300	1,890,300
1964	1,900	20,900	31,500	200	10,800	400	1,200	1,000	3,800	46,200	27,500	817,600	32,500	10,000	1,005,500
1965	1,600	17,000	32,900	100	6,300	800	2,700	4,300	1,400	40,800	20,900	482,700	57,700	7,100	676,300
1966	1,000	23,100	25,400	200	49,100	1,600	4,700	6,600	7,800	22,100	37,900	354,000	55,200	12,400	601,100
1967	1,600	33,300	19,500	100	23,300	2,200	8,200	8,200	1,100	34,300	24,900	333,200	71,200	11,100	572,200
1968	1,100	8,900	49,900	TR	3,000	800	1,300	2,000	2,700	21,700	25,700	826,100	87,000	12,200	1,042,400
1969	900	16,300	54,300	200	9,000	100	8,100	4,500	1,800	17,300	20,000	1,587,900	56,700	6,600	1,783,700
1970	1,200	6,200	35,400	100	14,600	200	300	3,700	400	33,900	24,700	1,108,400	44,900	11,800	1,285,800
1971	800	2,400	23,800	4,200	13,900	2,100	900	5,200	100	36,200	11,700	1,025,100	32,400	3,600	1,162,400
1972	1,000	11,900	27,100	800	12,100	800	6,900	7,900	400	31,000	12,000	175,000	48,100	4,700	339,700
1973	1,100	1,800	29,300	0	34,300	1,200	400	8,400	0	37,000	8,400	1,017,400	36,100	4,100	1,179,500
1974	700	2,600	32,600	100	11,200	2,100	1,500	12,800	700	12,700	6,700	773,200	61,600	5,700	924,200
1975	400	6,100	28,900	6,800	30,500	4,100	9,200	9,900	500	24,200	11,400	271,500	18,600	7,300	429,400
1976	400	11,600	22,900	6,700	29,800	1,100	2,900	17,100	600	11,600	16,800	703,700	35,600	17,000	877,800
1977	500	4,700	6,200	1,000	15,100	400	19,600	6,300	1,600	4,100	9,500	693,600	25,700	11,500	799,800
1978	300	7,100	23,700	3,300	32,400	500	3,700	11,300	700	12,600	15,200	191,500	27,400	21,600	351,300
1979	100	5,000	12,000	500	41,300	200	11,000	16,700	1,100	3,900	23,500	1,039,100	14,000	12,400	1,180,800
1980	100	10,700	33,400	15,800	77,400	500	5,800	11,600	0	6,900	10,900	370,500	38,400	22,100	604,100
1981	500	7,500	32,800	1,000	31,400	400	14,700	6,900	4,300	55,500	15,100	343,600	40,700	24,900	579,300
1982	300	3,300	12,200	200	42,500	1,200	6,400	7,300	400	55,300	11,800	689,600	15,800	18,500	864,800
1983	TR	11,000	31,200	700	61,000	600	7,300	5,600	1,700	46,700	7,200	209,400	41,600	7,100	431,100
1984	100	5,800	10,200	TR	15,000	1,100	3,000	6,100	2,400	1,200	5,200	469,600	38,300	12,100	570,100
1985	500	11,100	23,500	200	15,600	1,200	8,400	6,100	1,000	207,800	6,200	656,900	34,300	10,400	983,200
1986	600	4,600	9,700	TR	45,500	800	20,900	11,200	1,600	95,000	3,300	405,200	106,600	9,700	714,700
1987	400	7,300	9,500	400	60,700	1,200	11,200	9,600	1,200	20,900	9,100	603,300	28,800	13,200	776,800
1988	600	3,700	41,800	100	63,700	300	4,000	13,400	1,700	88,200	15,100	733,100	42,900	13,000	1,021,600
1989	1,000	10,300	16,700	100	38,100	700	10,000	9,000	1,200	85,900	13,000	1,057,500	43,600	20,700	1,307,800
1990	934	5,162	21,355	166	61,972	222	25,948	11,227	1,844	29,386	4,214	482,700	28,950	23,200	697,280
1991	671	4,651	16,499	23	16,778	392	18,720	4,700	3,465	106,508	16,377	179,450	16,062	15,340	399,636
1992	549	7,704	18,009	991	20,155	1,133	28,508	8,800	1,061	79,683	19,748	625,531	46,767	8,134	866,773
1993****	179	8,876	12,618	153	26,651	920	7,034	25,151	931	20,878	18,858	168,163	25,565	11,229	327,206
1994	183	11,101	NS***	49	26,746	399	46,033	9,712	1,046	76,358	36,617	348,254	11,340	7,000	574,838
1995	441	15,324	125,165	697	30,178	1,158	10,191	22,860	600	66,462	25,983	233,311	12,067	6,608	551,045
1996	88	6,322	52,915	104	15,625	497	37,651	16,251	2,862	14,368	25,387	634,816	6,352	13,483	826,721
1997****	445	10,086	61,039	549	51,440	1,180	14,533	24,360	1,157	111,185	15,799	125,717	3,866	6,330	427,686
1998	852	20,797	116,912	2,309	18,848	886	77,717	16,744	1,038	7,986	9,544	511,847	3,592	12,510	801,582
1999	293	22,771	106,860	125	3,767	2,999	16,720	5,209	5,170	17,632	16,437	389,105	7,722	12,721	607,531
2000	321	37,673	74,385	3,591	32,439	3,117	9,459	12,722	8,192	4,185	13,625	407,559	9,459	8,863	625,590

Continued on next page

NUMBERS OF DIVING DUCKS\* OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from previous page															
2001	345	19,340	48,409	228	20,517	271	16,412	6,754	5,590	22,969	21,509	693,178	5,073	10,547	871,142
2002	613	48,194	134,409	6,281	3,959	2,175	13,294	8,631	6,428	18,351	21,794	494,218	9,528	14,345	782,220
2003	604	107,099	57,279	1,399	43,803	514	20,025	6,767	13,118	31,500	20,650	448,647	10,110	16,176	777,691
2004	907	NS	118,789	4,748	27,670	247	16,783	16,970	5,877	4,328	14,815	1,146,293	5,143	12,129	1,374,699
2005	1,074	64,334	62,739	770	47,994	129	11,025	3,106	13,530	27,118	26,762	711,189	5,907	12,156	987,833
2006****	2,034	68,716	33,826	942	23,793	1,434	19,795	18,353	11,774	8,539	29,658	506,707	559	11,231	737,361
2007	570	37,693	115,954	59,765	41,651	1,273	11,154	17,586	11,846	23,210	31,267	259,248	16,701	5,026	632,944
2008	552	63,800	65,662	2,757	20,099	724	2,550	15,276	18,156	13,920	85,044	247,123	74,423	17,624	627,710
2009	2,800	29,392	62,929	3,302	34,328	1,445	22,469	9,868	8,526	15,055	36,395	335,794	65,322	15,058	642,683
2010 <sup>1</sup>	2,481	38,486	80,240	14,917	7,443	1,291	5,614	5,391	1,267	80,459	35,412	637,160	172,005	8,576	1,090,742
2011	2,633	43,901	54,980	3,331	8,792	1,503	12,428	14,187	2,253	119,927	34,734	823,765	121,728	9,689	1,253,851
2012	1,098	47,553	NS***	8,107	114,666	1,795	14,533	32,471	6,643	46,977	35,568	1,093,792	92,732	12,268	1,508,203
2013	827	42,526	NS***	8,860	75,052	1,315	25,790	5,415	5,588	20,365	26,834	556,247	71,886	13,961	854,666
2014	937	22,036	53,699	2,991	22,979	2,117	11,778	4,849	8,489	8,497	48,908	1,321,024	193,664	15,307	1,717,275
2015	1,973	26,090	150,865	2,187	71,251	1,823	48,212	14,217	9,478	44,931	23,606	1,204,584	86,353	18,761	1,704,331
2016	5,768	77,066	153,747	3,582	329,463	2,329	15,534	14,200	2,607	7,141	40,919	661,331	90,718	7,038	1,411,443
AVERAGES:															
55-60	2,483	18,000	91,467	1,400	21,733	4,350	3,917	2,033	2,733	18,533	31,250	350,550	41,917	13,000	602,900
61-65	1,400	19,400	23,820	367	12,420	740	3,800	3,240	3,240	38,540	20,440	1,286,840	46,240	11,380	1,471,720
66-70	1,160	17,560	36,900	150	19,800	980	4,520	5,000	2,760	25,860	26,640	841,920	63,000	10,820	1,057,040
71-75	800	4,960	28,340	2,380	20,400	2,060	3,780	8,840	340	28,220	10,040	652,440	39,360	5,080	807,040
76-80	280	7,820	19,640	5,460	39,200	540	8,600	12,600	800	7,820	15,180	599,680	28,220	16,920	762,760
81-85	350	7,740	21,980	525	33,100	900	7,960	6,400	1,960	73,300	9,100	473,820	34,140	14,600	685,700
86-90	707	6,212	19,811	192	53,994	644	14,410	10,885	1,509	63,877	8,943	656,360	50,170	15,960	903,636
91-95	405	9,531	43,073	383	24,102	800	22,097	14,245	1,421	69,978	23,517	310,942	22,360	9,662	543,900
96-00	400	19,530	82,422	1,336	24,424	1,736	31,216	15,057	3,684	31,071	16,158	413,809	6,198	10,781	657,822
01-05	709	59,742	84,325	2,685	28,789	667	15,508	8,446	8,909	20,853	21,106	698,705	7,152	13,071	958,717
06-10	1,687	47,617	71,722	16,337	25,463	1,233	12,316	13,295	10,314	28,237	43,555	397,206	65,802	11,503	746,288
11-15	1,494	36,421	86,515	5,095	58,548	1,711	22,548	14,228	6,490	48,139	33,930	999,882	113,273	13,997	1,407,665

\* - REDHEAD, CANVASBACK, SCAUP, RINGNECK, GOLDENEYE, BUFFLEHEAD, AND RUDDY DUCK.

\*\* - TRace = Fewer than 50

\*\*\*- NS = No survey

DF 09/16/16

\*\*\*\* - INCOMPLETE SURVEY. ESTIMATES FOR THE FLYWAY AND SOME STATES (IL, LA, 93; LA, MS, 97), ARE NOT COMPARABLE WITH OTHER YEARS.

<sup>1</sup>-Arkansas 2010: switched to a transect survey in Zone 2 & 3

NUMBERS OF MALLARDS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	8,800	7,900	22,000	43,100	1,033,100	187,100	37,600	497,700	70,000	1,000,000	107,900	458,400	68,600	34,500	3,576,700
1956	3,600	14,400	19,400	55,600	1,278,200	1,005,100	54,000	428,200	122,800	1,232,000	170,000	555,800	163,400	73,200	5,175,700
1957	29,700	17,000	15,000	107,700	1,786,600	474,700	96,000	363,400	154,100	1,075,000	354,100	663,900	84,100	46,900	5,268,200
1958	17,100	7,300	3,200	161,200	396,500	561,600	18,500	319,600	169,200	1,419,200	486,400	386,100	56,100	16,900	4,018,900
1959	6,200	12,800	10,000	120,300	461,500	439,400	25,000	320,200	192,700	1,283,100	419,500	531,200	61,400	34,400	3,917,700
1960	4,200	14,300	5,700	47,500	482,000	316,700	38,700	196,100	61,700	1,121,100	199,000	399,600	96,300	33,800	3,016,700
1961	7,200	22,100	12,300	378,400	327,300	264,400	32,400	213,700	49,800	1,023,200	247,600	531,200	75,000	60,300	3,244,900
1962	3,100	6,400	3,800	9,900	60,500	16,600	15,200	211,900	101,300	783,500	98,900	506,500	93,700	81,000	1,992,300
1963	7,200	10,200	4,700	142,900	380,500	62,100	20,300	235,700	76,100	995,800	171,800	510,200	69,100	43,100	2,729,700
1964	6,600	10,500	12,100	112,000	896,900	49,300	33,400	330,800	59,700	1,156,300	293,100	939,400	117,200	52,300	4,069,600
1965	13,500	7,500	7,400	103,200	230,700	15,700	36,800	288,800	23,100	1,151,400	324,400	651,500	79,300	38,800	2,972,100
1966	12,600	13,000	9,100	286,400	478,100	55,200	38,800	528,300	31,300	1,406,700	369,800	685,800	150,900	39,400	4,105,400
1967	14,300	5,300	7,200	123,100	439,300	64,700	54,200	483,100	4,700	1,440,900	457,100	445,100	141,600	48,200	3,728,800
1968	7,600	5,700	7,100	107,400	145,600	12,200	12,200	168,900	25,600	843,300	239,300	381,000	208,900	35,700	2,200,500
1969	8,800	6,600	10,000	37,500	131,500	8,300	50,400	221,400	10,900	881,600	278,400	308,100	131,900	38,300	2,123,700
1970	17,200	5,800	10,700	82,100	426,600	2,000	25,500	336,600	27,100	1,498,600	289,000	750,600	389,800	81,300	3,942,900
1971	16,000	6,800	16,800	140,800	566,100	18,200	64,800	275,600	22,700	1,678,800	209,000	415,600	274,600	45,500	3,751,300
1972	16,600	5,300	7,500	162,400	298,600	25,500	93,800	299,400	20,000	1,014,500	286,100	439,100	88,500	36,700	2,794,000
1973	18,300	12,400	12,300	40,000	383,700	12,400	18,000	202,800	53,300	667,500	386,100	480,600	546,500	77,700	2,911,600
1974	18,100	10,200	5,700	43,500	66,500	5,700	14,100	151,100	5,600	841,700	253,800	308,800	302,000	29,800	2,056,600
1975	11,300	8,700	10,700	66,100	223,500	53,000	39,700	320,200	36,100	1,064,600	186,500	305,500	504,700	30,000	2,860,600
1976	28,500	10,800	22,300	140,700	721,200	46,300	23,000	413,300	38,400	999,000	303,400	538,600	605,200	54,700	3,945,400
1977	26,800	13,600	15,200	111,600	483,000	28,800	22,000	259,800	8,700	254,300	344,700	1,361,300	152,300	51,100	3,133,200
1978	24,600	12,000	15,400	139,900	238,600	43,900	13,800	485,200	41,500	601,600	295,400	419,800	213,400	59,800	2,604,900
1979	26,300	11,600	9,400	26,100	175,000	26,000	13,300	122,100	38,700	569,000	253,700	1,557,400	207,800	36,400	3,072,800
1980	62,100	12,300	14,700	222,100	395,100	12,500	24,600	291,900	80,800	359,400	359,500	309,900	181,200	33,400	2,359,500
1981	41,600	15,800	12,100	129,500	358,600	39,200	21,700	196,500	40,500	785,000	318,600	508,200	117,700	36,800	2,621,800
1982	24,600	13,600	12,300	86,800	239,700	24,700	14,100	203,300	15,600	944,700	237,500	472,800	172,200	30,700	2,492,600
1983	22,200	17,300	10,800	63,600	93,700	16,100	25,800	388,800	31,500	497,300	207,700	305,800	176,600	20,800	1,878,000
1984	16,800	23,100	11,900	5,500	54,600	8,800	19,900	49,700	19,500	193,800	160,000	450,400	403,400	22,700	1,440,100
1985	21,800	23,800	5,100	9,500	39,700	18,400	19,600	152,400	21,200	1,070,800	144,200	380,100	49,500	12,500	1,968,600
1986	15,600	25,800	7,800	28,000	199,300	19,600	36,700	182,700	22,900	817,400	222,800	411,800	149,400	28,400	2,168,200
1987	17,900	24,000	6,900	79,200	231,600	17,200	58,200	136,400	16,100	495,900	283,000	396,300	127,800	33,800	1,924,300
1988	16,000	27,200	6,100	41,400	142,900	15,300	35,300	136,400	23,400	1,198,000	374,100	648,100	79,800	33,400	2,777,400
1989	25,600	28,800	16,100	79,700	87,000	25,500	31,300	184,400	22,300	944,800	588,300	568,800	102,400	36,900	2,741,900
1990	54,878	33,017	15,581	32,599	134,339	15,115	34,008	127,504	14,963	708,196	567,160	616,000	203,900	29,000	2,586,260
1991	25,152	23,502	9,941	12,624	25,201	3,353	29,240	91,000	19,944	1,480,101	184,350	397,200	143,750	37,690	2,483,048
1992	20,078	29,505	14,607	31,171	164,980	24,539	68,874	149,000	15,127	439,064	211,688	432,255	126,107	17,041	1,744,036
1993*	18,454	26,447	14,052	16,979	82,665	20,486	65,038	304,344	79,937	439,628	284,061	137,096	191,902	40,660	1,721,749
1994	13,568	20,972	NS**	18,933	89,109	15,109	68,359	335,597	34,444	507,636	434,395	446,431	174,217	21,814	2,180,584
1995	12,305	37,008	30,200	8,452	235,976	31,568	70,225	514,880	50,630	586,596	467,643	574,450	146,681	20,230	2,786,844
1996	3,328	32,529	28,126	26,135	218,095	5,422	60,054	297,463	42,849	580,597	509,530	905,566	127,372	53,085	2,890,151
1997*	17,280	26,513	11,143	49,327	183,360	27,452	40,696	436,211	28,078	372,518	654,023	427,875	125,541	21,101	2,421,118
1998	14,568	24,743	31,925	61,662	173,520	38,427	57,967	350,118	6,752	526,185	221,283	690,877	97,740	20,248	2,316,015
1999	11,832	25,324	28,196	15,396	62,790	35,997	56,074	280,899	71,147	396,937	482,845	783,068	107,863	30,918	2,389,286
2000	22,867	41,833	76,827	18,137	273,284	61,679	61,519	654,553	41,421	236,215	310,027	983,310	60,341	16,757	2,858,770

Continued on the next page



NUMBERS OF MALLARDS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from the previous page															
2001	29,599	27,753	20,168	8,195	69,505	12,379	68,831	66,311	95,661	439,035	381,782	1,151,616	142,193	48,355	2,561,383
2002	30,744	39,915	28,059	110,959	180,175	59,309	83,647	560,695	107,198	810,000	327,426	208,280	214,903	46,099	2,807,409
2003	25,938	53,996	33,137	116,465	104,855	8,323	35,704	238,844	28,306	295,287	255,892	315,578	108,078	28,248	1,648,651
2004	39,355	NS	37,744	22,302	160,450	8,275	50,549	498,048	25,183	186,577	177,113	273,530	105,716	28,250	1,613,092
2005	30,600	26,937	16,537	19,517	203,045	5,744	23,201	591,023	67,287	351,259	277,572	194,479	56,289	24,094	1,887,584
2006*	19,636	27,671	23,621	23,181	288,350	22,075	63,431	434,893	87,511	161,713	591,099	304,460	53,345	43,545	2,144,531
2007	11,671	29,517	27,769	88,509	116,974	15,904	41,578	429,328	46,003	218,689	238,995	385,452	56,210	27,305	1,733,904
2008	12,793	26,108	20,643	20,522	102,135	7,521	39,660	250,113	114,757	368,856	621,683	188,698	210,914	26,352	2,010,755
2009	23,357	26,644	30,142	16,255	71,833	18,660	51,623	222,702	87,590	521,450	362,984	144,350	196,026	37,805	1,811,421
2010 <sup>1</sup>	19,481	29,468	23,947	5,975	123,885	11,308	27,703	100,262	100,669	2,402,858	665,086	231,077	295,708	14,009	4,051,436
2011	19,576	33,676	23,657	31,954	162,896	56,004	49,751	469,941	71,929	723,327	540,849	251,666	197,378	29,480	2,662,084
2012	23,025	39,481	NS***	49,492	297,130	55,744	59,111	492,801	76,023	762,308	511,906	201,902	220,379	19,689	2,808,991
2013	13,202	25,437	NS***	68,194	322,025	17,189	77,580	530,611	103,065	370,599	526,905	317,580	150,695	29,153	2,552,235
2014	14,199	19,471	20,540	64,720	110,978	25,692	55,315	304,703	91,358	865,825	509,867	256,806	325,245	24,817	2,689,536
2015	15,489	19,747	30,932	36,901	360,451	19,131	79,320	551,961	110,156	971,688	505,202	240,614	164,543	20,899	3,127,034
2016	17,201	32,552	32,752	55,453	397,429	28,026	67,885	547,890	44,518	691,832	582,795	129,974	215,564	16,453	2,860,324
AVERAGES:															
55-60	11,600	12,283	12,550	89,233	906,317	497,433	44,967	354,200	128,417	1,188,400	289,483	499,167	88,317	39,950	4,162,317
61-65	7,520	11,340	8,060	149,280	379,180	81,620	27,620	256,180	62,000	1,022,040	227,160	627,760	86,860	55,100	3,001,720
66-70	12,100	7,280	8,820	127,300	324,220	28,480	36,220	347,660	19,920	1,214,220	326,720	514,120	204,620	48,580	3,220,260
71-75	16,060	8,680	10,600	90,560	307,680	22,960	46,080	249,820	27,540	1,053,420	264,300	389,920	343,260	43,940	2,874,820
76-80	33,660	12,060	15,400	128,080	402,580	31,500	19,340	314,460	41,620	556,660	311,340	837,400	271,980	47,080	3,023,160
81-85	25,400	18,720	10,440	58,980	157,260	21,440	20,220	198,140	25,660	698,320	213,600	423,460	183,880	24,700	2,080,220
86-90	25,996	27,763	10,496	52,180	159,028	18,543	39,102	153,481	19,933	832,859	407,072	528,200	132,660	32,300	2,439,612
91-95	17,911	27,487	17,200	17,632	119,586	19,011	60,347	278,964	40,016	690,605	316,427	397,486	156,531	27,487	2,183,252
96-00	13,975	30,188	35,243	34,131	182,210	33,795	55,262	403,849	38,049	422,490	435,542	758,139	103,771	28,422	2,575,068
01-05	31,247	37,150	27,129	55,488	143,606	18,806	52,386	390,984	64,727	416,432	283,957	428,697	125,436	35,009	2,103,624
06-10	17,388	27,882	25,224	30,888	140,635	15,094	44,799	287,460	87,306	734,713	495,969	250,807	162,441	29,803	2,350,409
11-15	17,098	27,562	25,043	50,252	250,696	34,752	64,215	470,003	90,506	738,749	518,946	253,714	211,648	24,808	2,767,976

\* - INCOMPLETE SURVEY. ESTIMATES FOR THE FLYWAY AND SOME STATES (IL, LA, 93; LA, MS, 97; MS, 06), ARE NOT COMPARABLE WITH OTHER YEARS.

\*\* - NS = No survey

DF 09/16/16

<sup>1</sup>-Arkansas 2010: switched to a transect survey in Zone 2 & 3

NUMBERS OF BLACK DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1955	400	3,700	23,200	0	26,700	32,700	48,500	1,700	6,000	700	11,200	15,000	4,000	4,600	178,400
1956	400	3,200	34,600	TR*	32,000	29,500	63,700	1,500	21,000	1,000	9,300	6,700	4,200	6,200	213,300
1957	400	5,000	30,300	100	44,500	33,800	62,800	200	12,300	1,000	20,000	17,000	1,300	3,200	231,900
1958	300	2,400	17,400	TR	14,000	143,400	22,900	6,400	9,200	1,000	18,900	22,300	2,600	3,600	264,400
1959	100	4,500	12,800	TR	6,000	28,600	24,700	1,000	14,500	11,200	32,700	36,700	400	3,700	176,900
1960	100	3,900	15,600	100	15,600	24,100	31,500	600	11,700	8,300	15,300	32,300	1,000	5,000	165,100
1961	100	5,800	12,200	TR	15,800	5,000	52,200	700	5,100	2,200	32,200	14,300	2,600	10,500	158,700
1962	100	2,400	2,500	0	2,800	5,500	26,500	300	15,500	2,900	16,900	14,800	4,900	15,600	110,700
1963	200	3,000	4,000	TR	18,000	9,400	37,500	2,300	15,000	4,000	20,000	13,900	4,900	9,000	141,200
1964	100	3,700	14,200	200	28,000	7,200	63,900	5,000	17,400	3,900	48,700	12,700	2,900	10,200	218,100
1965	100	2,600	13,200	TR	14,700	5,200	66,100	1,300	5,600	3,200	33,100	7,100	1,600	5,000	158,800
1966	300	4,000	18,400	TR	9,100	9,600	34,300	900	4,900	2,200	45,700	7,100	8,600	7,100	152,200
1967	300	3,000	3,300	TR	15,400	4,400	70,300	1,100	900	2,800	73,200	14,100	8,200	10,400	207,400
1968	TR	1,700	3,300	TR	15,400	1,700	19,300	900	3,800	6,100	38,700	8,100	21,800	14,700	135,500
1969	300	1,400	5,300	0	14,200	2,000	54,600	1,300	3,600	10,600	40,300	500	4,700	10,300	149,100
1970	300	1,400	3,600	1,000	13,000	400	34,300	4,300	10,200	11,200	39,500	1,600	11,500	5,400	137,700
1971	800	1,300	4,000	0	17,900	7,700	30,900	1,900	5,200	3,700	51,200	600	2,500	7,000	134,700
1972	500	1,100	3,300	100	6,600	5,400	80,000	800	2,900	5,400	29,300	100	2,000	6,400	143,900
1973	500	1,000	2,700	0	20,800	3,900	21,800	9,800	13,500	3,500	64,100	300	3,000	9,100	154,000
1974	700	1,100	3,500	0	4,100	2,800	10,400	3,100	1,500	0	43,600	0	1,700	6,300	78,800
1975	400	1,100	3,600	100	14,200	9,800	41,000	900	2,300	800	34,300	0	300	7,200	116,000
1976	300	800	3,700	400	24,400	10,600	16,500	6,300	7,000	1,400	69,400	TR	2,000	9,600	152,400
1977	600	800	1,400	600	10,200	3,400	12,300	800	4,400	3,000	57,500	100	300	5,200	100,600
1978	400	700	2,400	200	6,700	2,300	7,300	1,700	3,300	3,400	50,700	0	2,300	10,000	91,400
1979	500	1,000	1,100	TR	5,700	3,200	7,800	300	6,900	2,700	42,900	300	900	5,200	78,500
1980	100	600	2,600	400	12,600	4,600	11,900	800	10,100	1,700	27,600	0	100	4,600	77,700
1981	200	800	2,200	300	13,700	6,700	9,400	200	10,100	1,500	35,100	100	700	8,600	89,600
1982	100	700	1,000	200	8,600	6,900	13,100	TR	3,500	5,100	24,300	0	200	7,200	70,900
1983	100	800	2,900	100	4,400	4,100	27,400	100	6,900	1,700	39,400	0	600	4,000	92,500
1984	TR	800	1,400	TR	2,500	2,200	8,100	TR	7,500	700	32,800	0	3,000	2,300	61,300
1985	100	1,000	500	TR	3,000	3,800	7,300	TR	4,200	2,600	31,000	100	200	3,900	57,700
1986	300	1,000	400	TR	7,600	5,700	13,600	100	3,900	6,600	49,900	100	1,700	5,700	96,600
1987	TR	1,200	1,200	TR	7,900	2,600	32,000	300	2,100	3,400	18,600	100	1,600	3,100	74,100
1988	TR	900	1,400	TR	4,800	3,600	22,500	TR	6,600	8,100	56,200	TR	300	4,900	109,300
1989	TR	1,200	2,600	TR	2,900	3,300	15,300	TR	2,200	3,900	32,000	TR	500	5,600	69,500
1990	106	1,807	2,068	109	5,816	4,357	10,155	96	2,828	1,856	52,159	50	2,200	3,200	86,807
1991	36	890	724	112	108	848	16,544	0	5,773	4,143	14,830	0	124	4,849	48,981
1992	211	2,305	3,182	12	3,725	2,364	41,398	0	3,047	597	16,502	112	1,638	1,183	76,276
1993**	20	1,373	1,870	48	7,225	3,061	38,915	944	2,544	715	18,847	35	1,538	1,274	78,409
1994	27	1,208	NS**	18	5,021	3,730	27,142	583	8,606	790	33,071	0	612	1,994	82,802
1995	2	1,267	10,302	10	8,230	2,703	41,465	50	4,521	97	22,971	0	68	1,719	93,405
1996	8	774	7,014	202	2,100	2,389	23,441	579	11,163	203	36,945	0	29	5,922	90,769
1997**	3	181	1,090	41	2,769	2,015	9,347	974	2,380	161	16,066	0	13	2,404	37,444
1998	22	3,768	5,230	8	2,325	1,777	11,152	1,806	856	355	9,504	0	35	4,051	40,889
1999	0	810	3,896	17	25	4,660	13,807	387	2,676	75	16,837	0	28	3,448	46,666
2000	8	1,148	7,771	17	4,254	2,723	10,778	14	1,284	0	7,665	0	23	1,068	36,753

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NUMBERS OF BLACK DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
Continued from previous page															
2001	6	537	1,535	0	93	2,242	12,512	92	10,676	4	16,972	154	21	1,577	46,421
2002	8	1,037	5,211	1	335	1,327	13,961	20	2,471	12	10,121	0	24	4,839	39,367
2003	19	727	2,855	55	1,245	626	4,691	29	861	36	12,318	0	8	847	24,317
2004	9	NS	7,677	27	966	535	5,376	16	739	0	3,803	0	2	1,121	20,271
2005	30	884	649	72	2,075	232	3,240	20	1,179	6	9,847	1	0	1,617	19,852
2006**	87	400	2,692	4	2,081	801	6,942	17	868	6	7,661	0	7	2,611	24,177
2007	60	631	2,136	556	366	638	3,871	967	422	0	5,004	0	0	1,342	15,993
2008	9	649	3,185	0	1,707	304	5,644	559	786	36	6,300	0	0	1,404	20,583
2009	2	660	2,888	6	846	466	8,055	317	1,414	0	6,444	0	8	2,094	23,200
2010 <sup>1</sup>	8	405	1,973	3	285	325	3,475	251	1,507	82	9,771	0	9	2,348	20,442
2011	66	360	1,843	1	875	765	4,503	1,642	564	0	7,703	0	0	777	19,099
2012	13	549	NS***	2	751	2,903	9,705	809	1,832	83	5,378	0	0	758	22,783
2013	5	155	NS***	1	1,330	670	7,697	988	935	0	4,527	2	0	529	16,839
2014	4	183	1,418	11	270	615	7,332	24	2,404	0	6,556	0	0	932	19,749
2015	4	161	2,176	0	872	282	19,137	42	859	0	5,509	0	0	413	29,455
2016	9	333	2,556	8	5,145	373	6,195	9	1,106	0	3,464	0	0	725	19,923
AVERAGES:															
55-60	283	3,783	22,317	67	23,133	48,683	42,350	1,900	12,450	3,867	17,900	21,667	2,250	4,383	205,000
61-65	120	3,500	9,220	100	15,860	6,460	49,240	1,920	11,720	3,240	30,180	12,560	3,380	10,060	157,500
66-70	300	2,300	6,780	500	13,420	3,620	42,560	1,700	4,680	6,580	47,480	6,280	10,960	9,580	156,380
71-75	580	1,120	3,420	40	12,720	5,920	36,820	3,300	5,080	2,680	44,500	200	1,900	7,200	125,480
76-80	380	780	2,240	400	11,920	4,820	11,160	1,980	6,340	2,440	49,620	100	1,120	6,920	100,120
81-85	125	820	1,600	200	6,440	4,740	13,060	150	6,440	2,320	32,520	40	940	5,200	74,400
86-90	203	1,221	1,534	109	5,803	3,911	18,711	165	3,526	4,771	41,772	83	1,260	4,500	87,261
91-95	59	1,409	4,020	40	4,862	2,541	33,093	315	4,898	1,268	21,244	29	796	2,204	75,975
96-00	8	1,336	5,000	57	2,295	2,713	13,705	752	3,672	159	17,403	0	26	3,379	50,504
01-05	14	796	3,585	31	943	992	7,956	35	3,185	12	10,612	31	11	2,000	30,046
06-10	33	549	2,575	114	1,057	507	5,597	422	999	25	7,036	0	5	1,960	20,879
11-15	18	282	1,812	3	820	1,047	9,675	701	1,319	17	5,935	0	0	682	21,585

\* - TRace = Fewer than 50

\*\*\*- NS = No Survey

DF 09/16/16

\*\* - INCOMPLETE SURVEY. ESTIMATES FOR THE FLYWAY AND SOME STATES (IL, LA, 93; LA, MS, 97; MS, 06), ARE NOT COMPARABLE WITH OTHER YEARS.

<sup>1</sup> AR 2010: switched to a transect survey in Zn 2 & 3.

NUMBERS OF PINTAILS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	100	52	0	16	12,882	4,474	2,415	8,265	2,000	32,900	7,434	243,000	8,013	2,414	323,965
1956	4	3	0	7	715	78	211	1,829	2,737	74,000	8,700	358,475	3,585	5,776	456,120
1957	7	1	200	2	679	128	110	1,993	3,000	68,000	7,700	465,600	10,600	3,700	561,720
1958	0	6	0	110	450	4,200	56	3,694	2,902	144,320	13,402	363,420	24,944	3,730	561,234
1959	0	0	0	1	2	1,281	25	1,163	6,000	47,300	9,800	489,400	500	3,100	558,572
1960	0	0	0	1	27	0	91	1,014	100	66,500	5,100	419,500	1,100	10,300	503,733
1961	2	2	0	36	0	20	80	197	0	68,300	2,300	460,000	1,400	11,000	543,337
1962	1	8	0	0	162	0	53	566	400	38,900	2,900	514,200	13,200	7,300	577,690
1963	0	0	0	8	0	0	98	1,778	200	57,620	6,320	652,800	1,100	9,100	729,024
1964	0	1	0	7	88	7	215	4,875	200	30,200	10,800	1,362,400	1,400	6,200	1,416,393
1965	0	3	5	6	219	72	86	12,340	100	102,400	21,600	859,600	2,900	7,100	1,006,431
1966	0	3	10	657	1,770	205	652	9,505	0	19,000	12,700	1,136,800	2,700	5,000	1,189,002
1967	0	3	18	2	85	62	600	2,617	100	35,600	10,400	1,025,100	9,200	9,900	1,093,687
1968	0	25	0	25	0	0	25	600	100	18,300	10,100	768,300	25,800	6,200	829,475
1969	0	0	0	0	0	0	0	1,200	100	53,700	4,500	615,800	4,900	7,200	687,400
1970	0	0	0	0	800	0	0	500	0	43,000	14,400	634,700	6,800	10,400	710,600
1971	0	0	0	0	200	0	0	9,100	0	104,500	3,900	475,200	4,600	6,800	604,300
1972	0	0	0	0	0	100	400	3,100	0	83,900	2,000	540,800	5,900	7,300	643,500
1973	0	0	0	0	0	0	0	400	0	24,200	1,400	456,100	54,900	3,500	540,500
1974	0	0	0	0	0	0	100	5,600	0	69,000	10,500	462,400	14,000	3,800	565,400
1975	0	0	25	300	100	200	100	6,000	100	121,400	5,700	342,500	28,400	3,100	507,925
1976	0	0	0	100	400	100	0	11,500	200	68,500	4,800	381,800	52,900	5,200	525,500
1977	0	0	25	0	0	0	100	500	100	2,400	6,300	526,800	2,700	5,000	543,925
1978	0	0	0	25	0	0	0	400	500	19,800	4,100	457,900	2,300	6,400	491,425
1979	0	0	25	25	0	0	25	500	25	3,700	10,800	765,300	5,600	6,000	792,000
1980	0	0	0	25	800	0	0	1,300	500	2,000	5,900	306,000	3,300	4,200	324,025
1981	25	0	0	100	0	0	100	25	25	11,400	1,600	681,800	1,200	3,300	699,575
1982	0	25	0	25	200	25	25	400	100	37,500	6,000	833,000	3,700	5,500	886,500
1983	25	25	0	25	500	100	200	400	800	83,800	1,900	829,500	25,200	2,500	944,975
1984	0	25	0	0	0	0	25	25	100	2,000	3,100	516,800	5,500	4,900	532,475
1985	0	25	0	25	25	300	25	300	0	114,900	400	572,700	3,400	2,200	694,300
1986	0	0	25	0	100	25	25	800	800	22,800	900	382,500	10,000	4,700	422,675
1987	0	25	25	25	2,100	0	500	100	500	13,100	100	223,400	7,900	2,300	250,075
1988	0	25	0	25	100	0	25	200	100	72,500	3,400	368,300	4,200	3,800	452,675
1989	25	25	25	25	0	25	25	500	25	34,300	5,100	482,100	4,400	2,700	529,275
1990	0	3	32	4	75	13	116	240	0	141,156	3,085	493,700	9,500	2,600	650,524
1991	0	8	7	1	0	47	411	500	234	495,650	2,337	275,400	24,750	252	799,597
1992	0	0	4	12	130	29	17	3,300	25	28,065	3,651	467,616	15,292	813	518,954
1993*	2	0	8	0	0	610	418	1,779	561	101,060	670	87,828	8,295	812	202,043
1994	0	2	0	0	123	26	22	1,102	174	99,310	2,940	409,400	23,262	1,313	537,674
1995	0	2	65	2	123	223	32	2,497	138	89,325	4,750	415,914	7,569	1,558	522,198
1996	0	0	1	35	0	0	53	4,590	1,850	59,455	4,604	545,480	10,496	5,102	631,666
1997*	0	2	0	29	1,350	753	267	23,766	100	67,917	3,840	152,143	5,249	4,178	259,594
1998	0	2	2	3	1,600	173	52	11,865	40	24,476	8,178	326,200	3,469	2,810	378,870
1999	0	0	3	0	3	41	59	853	0	49,725	7,302	252,471	4,141	2,162	316,760
2000	2	2	16		4,265	342	85	14,702	410	10,345	6,223	446,825	401	2,788	486,406

Continued on next page

NUMBERS OF PINTAILS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY IN THE MISSISSIPPI FLYWAY

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from previous page															
2001	0	0	325	2	0	0	116	17	0	51,813	16,585	1,129,900	5,637	3,276	1,207,671
2002	0	0	5	3	16	59	26	3,430	20	93,219	14,454	262,984	37,482	6,220	417,918
2003	1	2	150	11	117	3	51	19,733	3	61,891	11,249	142,137	11,058	2,272	248,678
2004	3	NS	28	1	2,750	46	142	63,276	98	23,075	10,535	448,060	20,158	4,152	572,324
2005	0	1	3	2	1,304	77	318	48,321	48	44,630	20,737	240,375	8,140	3,138	367,094
2006*	0	1	5	0	10,269	363	49	54,682	45	18,280	49,130	419,301	12	3,036	555,173
2007	0	3	23	19	1,769	120	56	26,651	70	68,395	23,302	687,971	10,718	2,458	821,555
2008	0	0	8	3	0	115	226	70,899	260	83,395	23,475	245,028	4,648	2,361	430,418
2009	0	0	4	1	1,527	863	1,348	66,308	407	144,140	19,163	153,210	22,022	6,864	415,857
2010 <sup>1</sup>	7	1	2	1	0	42	40	4,562	10	168,290	24,970	221,022	38,081	359	457,387
2011	0	0	3	1	2,361	147	62	73,427	0	57,949	26,430	245,750	11,293	1,620	419,043
2012	15	1	NS***	9	702	697	63	34,475	1,800	35,412	77,403	147,671	66,723	3,303	368,274
2013	0	1	NS***	13	3,662	62	33	24,254	210	22,996	23,713	164,807	31,882	3,569	275,202
2014	0	0	3	6	700	33	37	23,653	168	8,469	43,433	278,623	102,787	2,195	460,107
2015	0	3	0	0	9,329	19	78	11,990	70	34,784	11,132	138,671	64,726	3,554	274,356
2016	5	0	0	220	21,566	1,190	14	10,382	1,525	56,306	42,741	72,166	10,334	1,999	218,448
AVERAGES:															
55-60	19	10	33	23	2,459	1,694	485	2,993	2,790	72,170	8,689	389,899	8,124	4,837	494,224
61-65	1	3	1	11	94	20	106	3,951	180	59,484	8,784	769,800	4,000	8,140	854,575
66-70	0	6	6	137	531	53	255	2,884	60	33,920	10,420	836,140	9,880	7,740	902,033
71-75	0	0	5	60	60	60	120	4,840	20	80,600	4,700	455,400	21,560	4,900	572,325
76-80	0	0	10	35	240	20	25	2,840	265	19,280	6,380	487,560	13,360	5,360	535,375
81-85	10	20	0	35	145	85	75	230	205	49,920	2,600	686,760	7,800	3,680	751,565
86-90	5	16	21	16	475	13	138	368	285	56,771	2,517	390,000	7,200	3,220	461,045
91-95	0	2	17	3	75	187	180	1,836	226	162,682	2,870	331,232	15,834	950	516,093
96-00	0	1	4	17	1,444	262	103	11,155	480	42,384	6,029	344,624	4,751	3,408	414,659
01-05	1	1	102	4	837	37	131	26,955	34	54,926	14,712	444,691	16,495	3,812	562,737
06-10	1	1	8	5	2,713	301	344	44,620	158	96,500	28,008	345,306	15,096	3,016	536,078
11-15	3	1	2	6	3,351	192	55	33,560	450	31,922	36,422	195,104	55,482	2,848	359,396

\* - INCOMPLETE SURVEY. ESTIMATES FOR THE FLYWAY AND SOME STATES (IL, LA, 93; LA, MS, 97; MS, 06), ARE NOT COMPARABLE WITH OTHER YEARS\*\*- NS = No survey DF 09/16/16

<sup>1</sup>-Arkansas 2010: switched to a transect survey in Zone 2 & 3

MIDWINTER SURVEY ESTIMATES OF CANADA GEESE IN THE MISSISSIPPI FLYWAY\*

YEAR	ONT	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	NO SURV.	1,250	5,564	18,275	284	173,534	4,065	2,647	42,050	8,271	2,605	15,224	5,860	1,559	22,048	303,236
1956	NO SURV.	134	5,537	12,480	171	190,943	7,612	1,954	25,577	8,213	3,700	17,100	11,630	726	19,377	305,154
1957	NO SURV.	1,312	2,617	8,650	103	227,825	1,869	2,089	18,736	9,700	1,800	26,800	7,200	1,100	17,300	327,101
1958	NO SURV.	1,404	4,180	7,947	202	114,815	12,917	2,470	31,264	42,390	4,061	25,010	10,505	1,692	26,602	285,459
1959	NO SURV.	2,416	4,081	5,068	37	204,123	1,173	748	22,703	15,200	2,700	38,400	8,400	1,400	32,300	338,749
1960	NO SURV.	2,768	5,577	8,958	9	111,209	9,203	1,566	34,549	19,100	2,700	23,700	8,400	700	28,500	256,939
1961	NO SURV.	4,000	20,248	6,601	245	162,887	3,180	1,426	52,806	4,000	3,200	33,300	9,500	1,000	42,500	344,893
1962	NO SURV.	4,530	4,316	6,728	8	158,684	784	1,568	56,079	10,400	3,500	33,400	6,500	600	47,400	334,497
1963	NO SURV.	6,332	4,505	4,483	385	196,127	10,078	2,506	98,686	12,680	4,250	36,820	7,200	700	50,200	434,952
1964	NO SURV.	7,031	3,076	7,626	393	170,457	1,692	3,245	91,817	14,800	5,500	49,200	5,800	1,800	60,100	422,537
1965	NO SURV.	8,567	2,995	5,769	631	185,652	6,555	3,981	86,660	19,100	10,900	63,700	7,200	900	41,200	443,810
1966	NO SURV.	8,104	16,285	6,187	1,425	95,265	5,900	13,153	105,361	9,600	8,500	57,700	6,800	1,100	46,000	381,380
1967	NO SURV.	8,905	2,854	8,908	60	165,268	7,479	15,612	136,151	12,100	3,100	74,700	6,000	600	40,000	481,737
1968	NO SURV.	8,800	4,300	2,800	100	177,200	900	10,100	122,400	10,500	3,600	55,500	1,700	1,700	45,700	445,300
1969	NO SURV.	9,000	3,300	8,100	0	233,100	900	22,100	144,000	37,000	4,800	54,300	1,300	2,100	35,200	555,200
1970	NO SURV.	15,900	11,450	17,000	650	261,400	14,250	23,200	111,000	40,000	1,670	53,500	1,600	2,100	32,000	585,720
1971	21,800	25,100	41,600	21,200	5,300	225,000	10,800	27,000	126,400	16,500	2,000	56,900	1,400	1,400	27,900	610,300
1972	30,700	19,200	19,400	11,800	1,700	242,800	13,500	29,400	158,700	20,000	1,300	38,800	1,300	3,600	32,500	624,700
1973	23,800	23,800	10,200	20,200	1,800	245,000	9,000	19,400	192,000	21,000	2,200	42,400	1,000	3,000	18,000	632,800
1974	32,400	41,500	21,200	25,400	2,100	218,200	5,700	30,400	197,900	34,200	1,400	40,300	1,000	2,800	22,800	677,300
1975	10,000	35,300	3,600	14,800	200	254,700	10,800	15,000	196,100	21,100	1,900	63,700	1,000	3,600	27,700	659,500
1976	21,900	25,600	33,900	33,400	6,100	226,600	8,800	16,300	213,500	17,300	1,800	49,100	1,000	3,900	27,700	686,900
1977	16,400	26,400	25,700	12,800	600	378,000	10,200	24,700	257,800	61,400	4,800	70,800	1,200	5,000	25,200	921,000
1978	19,000	23,800	2,600	26,600	2,600	486,500	23,800	28,200	274,900	60,200	5,800	89,400	6,400	4,400	32,000	1,086,200
1979	17,400	30,200	2,200	24,500	1,900	338,600	28,000	24,200	223,600	42,100	7,900	86,400	4,300	3,400	26,800	861,500
1980	31,600	64,500	69,100	40,100	8,200	278,200	12,500	18,700	148,300	11,100	1,900	65,200	4,600	1,600	24,500	780,100
1981	19,500	80,200	69,000	40,900	11,300	245,000	17,100	21,600	123,100	16,800	3,100	63,000	5,700	2,100	26,600	745,000
1982	20,700	53,400	63,300	39,100	19,500	153,900	15,400	29,500	126,700	17,600	5,600	56,800	7,300	5,100	20,400	634,300
1983	32,100	78,500	101,300	51,300	16,700	167,700	12,300	36,200	206,900	18,100	4,700	49,300	3,600	3,300	21,200	803,200
1984	25,300	35,800	1,700	35,100	7,900	290,300	17,900	27,500	162,700	41,000	4,600	72,200	3,700	4,100	24,100	753,900
1985	28,100	95,700	268,600	60,900	18,100	150,500	15,900	49,600	118,600	21,600	11,300	63,700	5,900	2,700	23,500	934,700
1986	30,200	37,700	29,200	69,900	3,300	487,600	22,300	55,800	192,200	70,300	30,000	63,200	2,500	5,200	28,100	1,127,500
1987	37,500	147,000	180,400	66,700	35,300	301,200	7,800	64,000	81,700	68,900	5,600	43,800	2,300	5,400	16,300	1,063,900
1988	39,700	191,000	291,600	95,200	34,600	248,600	14,000	68,300	86,700	41,200	7,600	45,000	1,500	4,500	16,600	1,186,100
1989	44,800	115,400	266,800	73,600	34,800	400,000	16,300	74,800	121,300	88,300	14,100	65,600	1,600	4,500	30,800	1,352,700
1990	29,110	278,685	745,758	84,322	43,134	338,997	8,029	52,140	121,115	51,400	16,200	78,700	2,600	8,300	20,800	1,879,290
1991	37,688	231,673	341,210	105,350	52,219	596,151	8,121	67,641	70,602	76,498	6,732	47,052	1,400	4,434	8,788	1,655,559
1992	23,102	121,041	214,756	97,686	41,337	491,660	10,067	71,894	104,105	42,727	33,409	38,759	1,700	4,980	4,997	1,302,220
1993	24,555	143,842	220,698	111,066	49,554	402,400	19,656	85,379	63,235	38,098	7,519	33,080	900	5,700	4,455	1,210,137
1994	19,875	100,696	800,298	135,905	82,577	98,805	11,213	76,095	59,910	28,013	8,589	17,950	2,300	5,227	3,976	1,451,429
1995	25,768	175,330	704,893	108,771	45,804	286,120	22,642	89,768	122,525	24,893	8,028	22,845	1,350	3,216	9,807	1,651,760
1996	NO SURV.	225,087	NO SURV.	110,716	59,073	324,450	19,937	98,158	84,792	38,172	7,299	16,036	1,323	3,000	4,885	992,928
1997	22,861	42,493	NO SURV.	119,504	95,225	155,805	5,711	75,333	36,140	18,267	12,555	13,427	NO SURV.	4,025	3,967	605,313
1998	NO SURV.	144,252	572,065	128,739	81,190	130,940	8,174	NO SURV.	31,406	10,062	6,157	11,191	780	2,166	5,121	1,132,243
1999	31,064	90,311	61,475	56,984	25,022	208,845	44,578	105,321	259,813	42,552	13,456	42,595	1,360	1,204	3,268	987,848
2000	53,975	106,336	188,628	149,188	89,717	197,060	8,929	74,976	128,618	18,130	11,322	13,644	2,195	1,061	3,020	1,046,799

Continued on next page

MIDWINTER SURVEY ESTIMATES OF CANADA GEESE IN THE MISSISSIPPI FLYWAY\*

YEAR	ONT	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from previous page																
2001	7,710	6,304	12,657	27,485	30,075	297,104	73,162	150,928	329,162	224,215	32,457	138,173	3,706	524	3,039	1,336,701
2002	28,523	74,033	276,558	79,956	239,314	148,275	25,036	151,150	261,506	27,839	4,646	16,658	819	535	2,662	1,337,510
2003	17,795	234,587	276,986	77,758	205,763	154,805	10,223	125,959	132,306	15,558	2,930	12,732	1,030	435	2,088	1,270,955
2004	34,051	87,847	NO SURV.	69,041	168,821	121,650	12,336	80,261	128,246	9,612	3,012	12,187	0	835	1,260	729,159
2005	11,096	84,170	302,291	38,481	146,249	171,465	10,885	69,674	112,635	9,434	2,047	11,373	0	327	1,844	971,971
2006**	15,454	50,938	118,629	55,069	133,129	142,650	15,352	115,589	148,100	9,669	4,595	10,231	1	532	2,329	822,267
2007	81,376	170,597	217,262	76,531	248,011	104,580	12,376	70,436	88,968	9,722	1,508	11,224	0	457	855	1,093,903
2008	32,100	60,354	30,277	33,913	114,740	98,854	23,887	135,909	165,850	9,165	1,935	15,250	1,605	872	996	725,707
2009	10,057	22,169	29,302	38,677	89,658	113,609	19,874	166,183	195,172	14,511	1,537	14,392	457	1,939	1,061	718,598
2010 <sup>1</sup>	83,912	26,001	29,651	33,109	32,683	138,215	60,253	140,186	248,944	17,720	5,545	17,139	414	1,211	1,134	836,117
2011	111,752	18,415	37,994	43,556	168,037	109,512	32,520	173,618	188,504	6,891	10,628	18,666	545	781	1,409	922,828
2012	141,253	176,490	170,104	NO SURV	279,247	89,065	25,348	103,564	82,845	7,499	2,799	8,495	154	655	762	1,088,280
2013	52,120	15,084	60,303	NO SURV	252,742	152,785	19,195	134,611	152,572	7,175	3,165	12,909	97	239	1,048	864,045
2014	24,214	5,353	23,302	24,905	157,991	145,215	40,514	186,968	212,052	30,627	6,459	23,425	10	727	1,561	883,323
2015	109,756	9,525	68,747	42,785	164,897	107,649	35,478	134,117	131,762	4,246	7,916	8,831	6	863	624	827,202
2016	74,941	3,589	59,967	81,938	135,936	134,261	24,754	126,195	101,852	2,801	29,648	9,999	0	738	1,016	787,635
AVERAGES:																
55-60	NO SURV.	1,547	4,593	10,230	134	170,408	6,140	1,912	29,147	17,146	2,928	24,372	8,666	1,196	24,355	302,773
61-65	NO SURV.	6,092	7,028	6,241	332	174,761	4,458	2,545	77,210	12,196	5,470	43,284	7,240	1,000	48,280	396,138
66-70	NO SURV.	10,142	7,638	8,599	447	186,447	5,886	16,833	123,782	21,840	4,334	59,140	3,480	1,520	39,780	489,867
71-75	23,740	28,980	19,200	18,680	2,220	237,140	9,960	24,240	174,220	22,560	1,760	48,420	1,140	2,880	25,780	640,920
76-80	21,260	34,100	26,700	27,480	3,880	341,580	16,660	22,420	223,620	38,420	4,440	72,180	3,500	3,660	27,240	867,140
81-85	25,140	68,720	100,780	45,460	14,700	201,480	15,720	32,880	147,600	23,020	5,860	61,000	5,240	3,460	23,160	774,220
86-90	36,262	153,957	302,752	77,944	30,227	355,279	13,686	63,008	120,603	64,020	14,700	59,260	2,100	5,580	22,520	1,321,898
91-95	26,198	154,516	456,371	111,756	54,298	375,027	14,340	78,155	84,075	42,046	12,855	31,937	1,530	4,711	6,405	1,454,221
96-00	35,967	121,696	274,056	113,026	70,045	203,420	17,466	88,447	108,154	25,437	10,158	19,379	1,415	2,291	4,052	953,994
01-05	19,835	97,388	217,123	58,544	158,044	178,660	26,328	115,594	192,771	57,332	9,018	38,225	1,111	531	2,179	1,129,259
06-10	44,580	66,012	85,024	47,460	123,644	119,582	26,348	125,661	169,407	12,157	3,024	13,647	495	1,002	1,275	839,318
11-15	87,819	44,973	72,090	37,082	204,583	120,845	30,611	146,576	153,547	11,288	6,193	14,465	162	653	1,081	917,136

\* - Canada Goose Surveys conducted in December 1969-1997, January thereafter \*\*- INCOMPLETE SURVEY. ESTIMATES FOR THE FLYWAY AND SOME STATES (MS, 06), ARE NOT COMPARABLE WITH OTHER YEARS.

<sup>1</sup> AR 2010: switched to a transect survey in Zn 2 & 3.

## Central/Mississippi Light Goose Mid-winter Survey<sup>1,2,3</sup>

Year	Mid-Continent Population														Western Central Flyway Population						MCP + WCFP Total											
	Mississippi Flyway														Central Flyway							WCF										
	MN	WI	MI	IA	IL	IN	OH	TR	MO	KY	AR	TN	LA	MS	AL	ND	SD	NE	KS	OK		TX	CO	NM	OK	TX	NE	WY	MT			
1970	0	0	100	13,600	13,700	4,200	0	50,200	2,000	0	500	338,800	25	1,500	424,625	0	9	0	40,536	30	311,815	352,390	777,015	0	6,925	0	0	0	0	6,925	783,940	
1971	0	0	0	88,400	10,100	800	300	133,100	700	0	200	419,400	200	1,700	654,900	0	0	0	20,672	726	393,856	415,254	1,070,154	0	11,140	0	0	0	0	11,140	1,081,294	
1972	0	0	0	379,200	10,200	1,300	200	137,700	500	0	0	407,100	0	1,100	937,300	0	5	45	75,407	29	300,608	376,094	1,313,394	0	13,011	0	0	0	0	13,011	1,326,405	
1973	0	0	0	2,600	4,500	0	0	115,300	1,200	1,500	0	406,400	0	800	532,300	0	0	250	64,587	15,590	412,538	492,965	1,025,265	0	11,579	0	0	0	0	11,579	1,036,844	
1974	0	0	0	41,000	14,500	200	500	112,400	3,600	1,000	600	357,000	100	1,400	532,300	0	15	5,007	185,339	9,346	457,800	657,507	1,189,807	0	16,200	0	0	0	0	16,200	1,206,007	
1975	0	0	0	9,000	7,500	200	0	30,100	4,500	4,300	500	384,400	100	900	441,500	0	0	1,500	84,600	1,000	567,980	655,080	1,096,580	0	26,100	0	320	0	0	26,420	1,123,000	
1976	25	0	0	52,600	7,700	200	0	189,800	3,500	400	200	435,600	300	1,300	691,625	0	0	34,000	17,648	8,863	810,219	870,730	1,562,355	0	22,944	0	220	0	0	23,164	1,585,519	
1977	25	0	0	31,000	500	0	0	126,100	5,000	3,700	400	403,100	25	1,500	571,350	0	0	5	21,180	11,235	546,520	578,940	1,150,290	0	33,340	0	300	0	0	33,640	1,183,930	
1978	0	0	0	80,000	3,100	0	0	274,200	15,000	7,600	800	412,400	25	1,000	794,125	0	2	0	27,600	15,900	1,128,750	1,172,252	1,966,377	0	30,400	0	650	0	0	31,050	1,997,427	
1979	25	0	25	70,000	30,200	200	0	53,400	6,000	1,300	300	350,600	0	1,000	513,050	1,160	122	1	170,940	21,500	578,900	772,623	1,285,673	7	28,154	0	0	0	0	28,161	1,313,834	
1980	0	0	25	119,900	16,600	25	0	55,800	5,000	20,800	200	373,800	25	2,100	594,275	0	500	10,000	35,800	9,900	747,601	803,801	1,398,076	350	28,100	0	1,999	0	0	30,449	1,428,525	
1981	25	0	25	136,200	14,200	100	0	34,400	6,000	5,100	300	305,400	1,000	1,900	504,650	0	630	27,000	14,700	22,000	837,713	902,043	1,406,693	364	36,200	0	987	0	0	37,551	1,444,244	
1982	25	0	0	218,500	11,800	25	0	296,900	8,000	37,100	200	305,000	300	1,200	868,350	0	200	25,000	14,900	14,278	871,327	925,705	1,794,055	128	49,004	0	873	0	0	50,005	1,844,060	
1983	25	0	0	218,500	21,100	200	0	167,200	4,000	75,300	300	342,400	1,200	1,900	832,125	0	370	60,000	33,350	22,020	807,600	923,340	1,755,465	1,803	71,485	0	2,800	14	0	76,102	1,831,567	
1984	50	25	0	65,600	0	0	25	121,400	5,700	89,100	200	304,500	400	2,000	589,000	0	41	30	54,754	29,413	821,300	905,528	1,494,538	302	40,536	0	2,200	0	0	43,038	1,537,576	
1985	25	25	0	311,000	4,300	25	25	118,600	6,000	153,500	300	397,300	25	1,700	927,825	0	0	9,800	26,600	22,120	921,700	960,230	1,973,045	8,265	53,240	0	1,400	0	0	62,905	2,035,950	
1986	0	0	0	100	17,300	25	25	44,800	8,000	149,600	100	389,000	1,500	1,300	611,750	0	0	0	8,111	56,700	772,800	837,611	1,449,361	2,417	93,174	200	800	0	0	96,591	1,545,952	
1987	25	25	0	213,600	6,200	0	0	311,200	9,000	110,900	25	358,600	100	3,700	1,013,375	0	17	51,597	24,853	28,570	795,400	900,437	1,913,812	32,900	29,245	0	1,400	0	0	63,545	1,977,357	
1988	100	25	25	198,300	4,000	100	100	273,100	6,600	166,200	200	363,600	25	2,400	1,014,775	0	6,739	77,507	14,282	15,794	621,600	735,922	1,590,775	5,540	37,777	0	2,900	0	0	46,217	1,796,914	
1989	25	25	0	450,100	8,200	25	25	112,300	10,400	272,400	500	498,500	2,100	3,500	1,358,100	12	263	6,045	24,622	17,714	549,476	598,132	1,956,232	14,217	53,420	0	0	0	0	67,637	2,023,869	
1990	107	1	0	186,181	13,420	1	40	86,720	15,000	211,800	500	546,200	500	2,500	1,062,982	0	2,500	0	33,520	22,912	602,360	681,302	1,724,284	9,720	28,526	0	440	0	0	38,686	1,762,970	
1991	52	1	0	266,952	21,150	0	36	328,550	9,801	257,982	68	449,600	263	1,415	1,335,870	5	14,440	51,050	36,641	22,394	675,350	799,880	2,135,750	35,984	58,939	0	9,700	0	1	0	104,624	2,240,374
1992	18	2	0	70,203	4,400	58	64	201,075	12,037	461,772	21	362,325	12	1,504	1,113,491	8	32	8	58,578	17,691	832,056	908,373	2,021,864	17,500	53,193	40	17,148	0	0	4	87,885	2,109,749
1993	25	0	0	124,101	5,550	19	83	156,450	2	279,710	3	280,300	231	1,657	846,131	0	252	0	182,904	17,740	695,225	895,351	1,744,082	357	39,273	0	5,515	0	0	45,145	1,789,227	
1994	38	2	-	23,613	1,150	0	378	170,805	4	385,135	19	599,100	4,801	601	1,185,646	5	4	0	37,308	22,109	955,743	1,015,169	2,200,815	21,626	45,336	0	17,912	0	0	84,874	2,285,689	
1995	28	0	0	300	2,725	0	75	360,051	8,018	415,075	39	705,500	27,404	2,517	1,521,732	1	25	28	176,782	22,943	1,003,581	1,203,360	2,725,092	23,829	56,298	0	0	0	0	80,127	2,805,916	
1996	31	-	0	43	9,225	0	20	293,890	27,001	317,770	47	898,164	15,008	1,314	1,562,513	0	5	167	75,050	24,404	735,939	835,565	2,398,078	33,692	41,399	0	17,963	0	0	93,054	2,491,132	
1997	27	-	0	26,016	69,300	0	74	559,815	7,000	404,691	116	654,301	25,083	2,657	1,749,080	0	0	300	72,042	24,754	1,111,510	1,208,606	2,957,686	72,852	38,745	0	15,387	0	188	0	127,172	3,084,858
1998	25	2	0	125,520	4,685	4	0	214,650	5	327,528	5	1,240,980	47,509	2,604	1,963,543	7	12,560	28,006	171,390	1,850	844,872	1,056,685	3,022,228	55,782	31,689	0	16,047	0	3	1	103,572	3,125,756
1999	27	1	0	11	17,340	15	124	161,083	41,501	358,767	1,766	844,057	33,841	2,809	1,461,342	0	2	0	49,335	35,321	1,029,726	1,114,384	2,575,726	28,717	51,078	0	156,569	0	1	0	236,365	2,812,091
2000	3	1	8	7	51,865	54	165	449,922	20,007	255,503	24	534,368	24,840	3,510	1,340,277	0	134	102	64,628	23,215	968,963	1,057,042	2,397,319	22,985	49,106	0	65,444	0	0	137,535	2,534,854	
2001	0	0	1		825	16	69	77,271	48,011	357,061	24	1,075,871	27,938	2,257	1,589,344	0	0	2	33,137	50,160	668,629	751,928	2,341,272	26,665	50,008	0	29,080	0	1	0	105,754	2,447,026
2002 <sup>3</sup>	1	3	11	261	27,940	3	100	893,182	40,161	437,814	158	469,833	150,415	805	2,020,687	0	414	115	102,820	33,362	538,742	675,453	2,696,140	28,706	35,480	0	35,688	0	1	0	99,875	2,796,015
2003	2	1	0	20,070	24,121	0	20	569,846	35	421,871	388	532,479	37,182	2,031	1,608,046	0	1,534	45,295	366,501	36,748	376,903	826,981	2,435,027	12,953	34,286	0	58,660	0	1	0	105,900	2,540,927
2004	0	-	0	42	25,852	51	29	467,217	62,844	209,659	62,806	564,947	91,476	2,402	1,487,325	0	9	1,816	197,753	49,056	478,365	726,999	2,214,324	30,981	32,715	0	71,675	0	2	0	135,373	2,349,697
2005	0	2	0	13	19,751	315	4	476,885	3,962	385,813	4,213	530,909	42,217	2,200	1,466,284	0	33,043	70	211,083	53,612	580,109	677,917	2,344,201	44,368	44,416	0	54,137	50	3	0	142,974	2,487,175
2006 <sup>4</sup>	0	2	0	17	90,590	82	86	462,086	23,600	362,241	16,541	455,980	27	1,903	1,413,155	0	0	65,072	221,372	25,902	493,662	806,008	2,219,163	26,643	45,628	0	68,316	2,500	0	0	143,087	2,362,250
2007	2	0	2	87	132,962	588	4	530,714	15,671	284,550	242	633,403	240,111	2,201	1,840,537	0	590	2,013	453,839	30,994	589,121	1,076,557	2,917,094	11,321	48,234	0	110,632	454	1	0	170,642	3,087,736
2008	0	0	1	2	127,685	280	221	275,548	66,612	341,025	83,270	701,479																				



NUMBERS OF WHITE-FRONTED GEESE OBSERVED DURING THE MIDWINTER SURVEY IN THE MISSISSIPPI FLYWAY\*\*

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1955	0	0	0	0	0	0	0	60	0	0	0	7,200	0	0	7,260
1956	0	0	0	0	0	0	0	0	0	0	0	9,260	0	0	9,260
1957	0	0	0	0	0	0	0	62	0	0	0	4,000	0	0	4,062
1958	0	0	0	0	0	0	0	20	0	0	0	12,000	0	0	12,020
1959	0	0	0	0	0	0	0	0	0	0	0	6,400	0	0	6,400
1960	0	0	0	0	0	0	0	0	0	0	0	12,800	0	0	12,800
1961	0	0	0	0	0	0	0	0	0	0	0	24,500	0	0	24,500
1962	0	0	0	0	0	0	0	10	0	0	0	20,000	0	0	20,010
1963	0	0	0	0	0	0	0	0	0	0	0	32,150	0	0	32,150
1964	0	0	0	0	0	0	0	10	0	0	0	30,300	0	0	30,310
1965	0	0	0	0	0	0	0	2	0	0	0	33,700	0	0	33,702
1966	0	0	0	0	0	2	0	20	0	0	0	45,700	0	0	45,722
1967	0	0	0	0	0	0	0	26	0	0	0	46,000	0	0	46,026
1968	0	0	0	0	25	0	0	0	0	25	0	24,400	0	0	24,450
1969	0	0	0	0	0	0	0	0	0	0	0	21,000	0	0	21,000
1970	0	0	0	0	0	0	0	0	0	25	0	50,600	0	0	50,625
1971	0	0	0	0	0	0	0	0	0	0	0	39,300	0	0	39,300
1972	0	0	0	0	0	0	0	0	0	0	0	45,800	0	0	45,800
1973	0	0	0	0	0	0	0	0	0	0	0	43,000	0	0	43,000
1974	0	0	0	0	0	0	0	0	0	0	0	43,200	0	0	43,200
1975	0	0	0	0	0	0	0	0	0	0	0	40,400	0	0	40,400
1976	0	0	0	0	0	0	0	0	0	25	0	53,400	0	0	53,425
1977	0	0	0	0	0	0	0	0	0	0	0	50,400	0	0	50,400
1978	0	0	0	0	0	0	0	0	25	800	25	52,300	0	25	53,175
1979	25	0	25	0	0	0	0	900	0	25	0	48,400	25	0	49,400
1980	0	0	25	100	0	0	0	0	0	25	0	58,900	25	0	59,075
1981	0	0	0	25	0	25	0	25	0	100	0	67,400	0	0	67,575
1982	0	0	0	0	0	0	0	0	0	400	0	65,200	25	25	65,650
1983	0	0	0	25	0	0	0	500	0	3,000	0	58,500	25	25	62,075
1984	0	0	0	0	0	0	0	0	0	8,100	0	62,200	25	0	70,325
1985	25	0	0	25	0	0	0	25	0	5,400	0	75,900	25	0	81,400
1986	25	0	0	0	0	0	0	25	0	8,300	25	70,200	100	25	78,700
1987	0	0	0	0	0	0	0	0	25	5,600	0	65,900	25	25	71,575
1988	25	0	0	25	0	0	0	0	100	6,800	25	69,700	100	25	76,800
1989	0	0	0	25	0	0	0	0	0	14,600	25	101,700	200	25	116,575
1990	0	0	0	2	0	0	0	0	0	7,800	0	95,000	400	100	103,302
1991	0	0	0	7	0	0	0	0	0	13,310	0	122,300	114	3	135,734
1992	0	0	0	1	0	2	4	0	10	75,640	0	97,175	117	0	172,949
1993	0	0	0	1	0	0	7	1,135	0	15,455	7	81,100	1,530	5	99,240
1994	0	0	0	0	0	0	4	450	3	51,010	50	102,300	520	3	154,340
1995	0	0	0	0	0	0	15	0	2	41,095	0	91,200	2,105	4	134,421
1996	0	NO SURV.	0	0	0	0	7	0	0	27,585	5	117,259	217	2	145,075
1997	0	NO SURV.	0	1	0	0	0	0	0	27,390	15	73,127	6,011	27	106,571
1998	0	0	0	10	0	0	NO SURV	8,025	0	32,734	102	149,678	5,030	14	195,593
1999	0	0	0	0	0	0	2	2,382	740	10,670	227	103,778	1,110	36	118,945
2000	0	0	0	3	26	0	1	9,366	250	2,425	290	79,482	402	29	92,274

Continued on the next page

NUMBERS OF WHITE-FRONTED GEESE OBSERVED DURING THE MIDWINTER SURVEY IN THE MISSISSIPPI FLYWAY\*\*

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
Continued from previous page															
2001	0	0	0	0	0	0	4	797	0	13,245	20	87,565	2,808	48	104,487
2002	3	0	0	156	37	0	11	12,016	500	39,117	550	61,876	5,700	21	119,987
2003	1	0	0	60	10,702	3	11	5,585	2,260	33,881	1,678	55,098	4,565	0	113,844
2004	0	NO SURV.	0	TR	9,400	470	0	8,969	11,555	34,615	11,028	83,101	1,933	85	161,156
2005	0	0	0	0	11,900	0	1	11,305	3,350	44,710	1,478	62,487	1,766	9	137,006
2006***	0	0	0	0	30,860	0	0	8,511	5,400	45,290	2,516	65,898	0	0	158,475
2007	0	10	0	2,404	34,245	365	27	16,765	9,825	48,906	7,060	114,112	745	53	234,517
2008	0	0	0	0	19,570	188	5	12,686	25,374	37,530	23,977	103,514	21,882	40	244,766
2009	0	0	0	0	13,640	122	19	16,922	4,381	58,485	6,551	102,787	8,662	185	211,754
2010 <sup>1</sup>	0	0	0	0	14,770	45	0	20,493	8,700	85,421	8,950	128,005	9,621	460	276,465
2011	0	1	0	0	20,475	1,089	6	31,973	4,252	42,830	5,571	125,685	14,400	80	246,362
2012	0	0	NO SURV.	249	33,895	2,452	3	73,916	5,820	147,780	10,390	105,315	12,805	86	392,711
2013	0	0	NO SURV.	16	34,230	7	6	28,286	11,495	44,154	10,242	79,221	1,406	120	209,183
2014	0	0	0	31	15,130	990	9	23,828	1,950	142,359	6,795	116,545	3,912	245	311,794
2015	0	0	0	2	74,225	11,291	8	20,924	5,250	183,282	16,750	58,850	15,100	300	385,982
2016	0	0	0	60	113,065	10,138	2,979	29,779	11,465	138,296	14,669	142,700	18,320	325	481,796
AVERAGES:															
55-60	0	0	0	0	0	0	0	24	0	0	0	8,610	0	0	8,634
61-65	0	0	0	0	0	0	0	4	0	0	0	28,130	0	0	28,134
66-70	0	0	0	0	5	0	0	9	0	10	0	37,540	0	0	37,565
71-75	0	0	0	0	0	0	0	0	0	0	0	42,340	0	0	42,340
76-80	5	0	10	20	0	0	0	180	5	175	5	52,680	10	5	53,095
81-85	5	0	0	15	0	5	0	110	0	3,400	0	65,840	20	10	69,405
86-90	10	0	0	10	0	0	0	5	25	8,620	15	80,500	165	40	89,390
91-95	0	0	0	2	0	0	6	317	3	39,302	11	98,815	877	3	139,337
96-00	0	0	0	3	5	0	3	3,955	198	20,161	128	104,665	2,554	22	131,692
01-05	1	0	0	54	6,408	95	5	7,734	3,533	33,114	2,951	70,025	3,354	33	127,296
06-10	0	2	0	481	22,617	144	10	15,075	10,736	55,126	9,811	102,863	8,182	148	225,195
11-15	0	0	0	60	35,591	3,166	6	35,785	5,753	112,081	9,950	97,123	9,525	166	309,206

\* - TRace = Fewer than 100 birds, 1969-79; fewer than 50 birds, 1980-89

\*\* - White-fronted goose surveys conducted in December 1969-1997, January thereafter

DF 09/16/16

\*\*\* - Incomplete survey. Estimates for the flyway and some states (MS, 06) are not comparable with other years. <sup>1</sup>Arkansas 2010:switched to a transect survey in Zone 2 & 3

ESTIMATES OF COOT HARVEST IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	535	28,033	28,106	1,620	82,141	1,421	1,541	3,402	372	2,852	0	955,587	320	44,627	1,150,558	34,849	54,376	36,145	1,275,929
2000	295	346	1,192	6,956	219	258	1,590	0	0	264	2,504	31,447	2,017	15,531	62,619	5,404	12,615	18,540	99,177
2001	5,901	8,452	8,069	720	1,245	1,135	0	155	0	1,801	0	186,405	507	41	214,431	12,395	2,974	54,640	284,440
2002	2,726	2,604	5,090	265	350	3,015	0	336	2,256	495	0	160,041	418	1,364	178,959	6,689	3,520	16,204	205,372
2003*	14,568	4,209	7,185	8,914	451	860	0	1,180	8,863	0	0	68,798	10,185	809	126,021	25,513	23,835	18,628	193,997
2004*	4,462	1,648	94	763	374	126	955	772	5,638	162	149	104,007	1,631	4,777	125,558	13,061	19,925	22,718	181,262
2005*	11,705	12,663	2,946	3,021	4,269	462	0	434	2,690	12,313	0	70,208	62	116	120,889	104,956	15,316	32,620	273,781
2006*	9,584	6,231	3,923	1,297	1,715	4,419	1,052	918	2,899	8,675	0	70,264	3,054	1,112	115,142	37,778	6,903	39,256	199,080
2007*	5,066	3,349	812	9,688	2,852	413	73	3,003	17	13,855	1,477	71,063	2,466	1,136	115,271	16,722	23,824	42,507	198,325
2008*	9,749	5,583	5,660	1,034	144	1,990	0	1,770	340	1,985	2,016	171,458	4,885	1,313	207,926	21,300	9,920	36,723	275,869
2009*	18,767	3,685	9,495	2,368	0	1,331	545	128	5,438	0	0	80,604	0	20,475	142,836	24,792	15,840	35,564	219,033
2010*	41,529	4,581	6,547	9,152	827	700	0	1,813	8,474	644	829	123,176	0	7,297	205,570	29,641	22,383	45,051	302,644
2011*	6,956	1,826	10,265	2,676	50	1,810	0	0	0	0	0	207,604	1,377	11,920	244,485	66,375	21,700	84,068	416,628
2012*	7,400	500	17,500	400	1,400	1,000	1,000	2,500	0	0	4,600	105,000	0	9,300	150,500	12,800	12,900	32,500	208,700
2013*	7,256	8,652	2,256	464	88	4,617	5,220	2,887	0	1,629	0	151,703	1,409	280	186,460	23,637	13,478	31,277	254,853
2014*	11,353	15,885	9,570	5,285	199	760	801	0	0	0	0	110,431	0	18,010	172,293	57,176	11,483	53,142	294,094
2015*	4,417	2,184	3,500	15,327	1,037	673	0	2,660	11,058	703	0	40,970	0	2,596	85,125	8,004	128,746	31,317	253,192

\* - Preliminary

ESTIMATES ACTIVE COOT HUNTERS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	126	5,699	4,226	1,546	1,949	251	1,519	1,102	11	2,254	0	30,280	107	2,420
2000	295	2,403	1,192	1,547	55	52	3,127	0	0	117	104	4,580	2,017	1,071
2001	1,847	2,759	1,614	896	103	449	0	37	0	257	170	8,482	45	1,131
2002	313	1,817	2,545	386	48	89	0	75	1,589	104	0	6,556	21	59
2003*	3,065	4,063	1,868	1,592	72	79	66	1,590	1,611	0	0	3,858	475	107
2004*	2,474	275	94	56	62	60	955	539	1,174	108	74	5,972	1,051	1,911
2005*	2,201	1,795	1,110	1,143	1,118	71	0	536	1,237	75	0	4,175	62	21
2006*	2,513	1,903	3,138	608	613	804	225	918	894	1,839	0	5,595	47	96
2007*	974	1,045	305	1,312	703	87	73	500	17	1,950	123	7,143	42	102
2008*	2,254	2,274	1,856	1,276	48	623	0	989	34	662	260	5,410	1,354	119
2009*	1,687	1,975	2,154	443	0	809	136	940	725	0	0	4,636	0	1,951
2010*	4,442	4,375	2,837	1,924	138	94	0	760	368	1,628	115	5,888	2,395	2,961
2011*	1,345	1,280	3,357	120	50	710	0	0	0	0	0	8,683	689	1,610
2012*	600	1,200	4,700	100	700	1,000	200	800	0	1,200	3,100	6,700	0	1,300
2013*	1,546	1,563	410	136	1,108	567	2,333	577	0	1,820	0	5,094	704	124
2014*	2,469	3,531	1,401	573	100	352	849	573	0	0	0	5,501	0	2,441
2015*	1,478	2,272	1,242	579	130	66	124	399	614	141	0	3,139	0	1,298

\* - Preliminary

Continued on next page

Continued from previous page

ESTIMATES OF TOTAL COOT HUNTER DAYS AFIELD IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	386	16,272	26,349	4,648	24,939	1,059	1,735	2,300	32	5,949	17,645	131,684	320	13,816	247,134	32,557	52,469	0	368,134
2000	4,720	2,074	5,825	1,893	24,459	77	7,447	35	0	469	14,568	62,099	105	1,244	125,017	14,900	31,256	0	193,329
2001	11,435	9,485	1,614	1,139	987	1,152	0	43	0	515	1,952	37,131	249	3,371	69,075	20,213	10,133	0	144,771
2002	1,974	2,679	5,004	5,825	309	715	0	311	1,734	469	0	31,194	125	336	50,675	10,847	4,875	0	84,102
2003*	10,296	11,878	7,041	11,886	623	506	2,260	12,205	4,904	0	0	21,845	4,148	595	88,189	24,816	19,600	13,453	146,058
2004*	6,045	1,236	94	449	277	166	5,731	582	2,244	162	1,117	43,087	2,544	8,599	72,332	14,046	6,063	0	105,850
2005*	10,007	9,499	2,674	2,490	1,530	367	0	1,072	2,341	821	0	18,763	123	42	49,729	23,878	10,811	0	105,026
2006*	11,223	4,434	34,521	969	980	1,531	601	918	3,645	5,651	0	13,478	564	268	78,784	28,419	5,896	0	142,615
2007*	2,728	3,532	812	3,401	1,406	500	1,600	1,001	17	4,657	308	28,680	295	332	49,270	21,866	13,915	0	105,954
2008*	7,898	5,947	2,830	3,106	48	1,416	0	9,540	34	7,939	1,105	20,608	2,950	646	64,067	16,002	7,506	0	105,847
2009*	7,380	6,300	2,646	2,847	0	1,062	409	940	4,351	0	0	15,146	0	6,914	47,994	14,949	13,375	21,010	97,329
2010*	13,833	10,376	9,286	24,605	459	430	0	2,631	4,421	2,362	1,841	29,445	2,395	14,832	116,916	16,361	16,834	20,552	170,663
2011*	6,283	2,085	11,341	679	201	1,502	0	0	0	0	0	49,485	689	8,004	80,269	24,277	20,236	37,066	161,849
2012*	1,800	21,600	14,600	300	700	1,100	3,100	800	0	3,700	6,300	25,400	0	1,800	81,200	15,700	8,800	29,800	135,600
2013*	2,144	12,596	2,051	459	10,288	3,113	4,028	2,887	0	1,820	0	24,608	2,817	124	66,935	18,120	15,820	15,820	116,695
2014*	33,618	16,259	3,930	1,791	100	463	1,282	573	0	0	0	13,558	0	4,834	76,406	27,792	12,131	29,405	145,734
2015*	2,939	14,250	5,983	1,333	130	501	186	4,389	1,843	141	0	17,373	0	1,298	50,364	5,608	54,115	15,950	126,038

\* - Preliminary

ESTIMATES SEASONAL COOT BAG PER HUNTER IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	4.2	4.9	6.7	1.0	42.1	5.7	1.0	3.1	35.0	1.3	0.0	31.6	3.0	18.4
2000	1.0	0.1	1.0	4.5	4.0	5.0	0.5	0.0	0.0	2.3	24.0	6.9	1.0	14.5
2001	3.2	3.1	5.0	0.8	12.1	2.5	0.0	4.2	0.0	7.0	0.0	22.0	11.4	0.0
2002	8.7	1.4	2.0	0.7	7.3	33.7	0.0	4.5	1.4	4.8	0.0	24.4	20.0	23.0
2003*	4.8	1.0	3.9	5.6	6.3	10.9	0.0	0.7	5.5	0.0	0.0	17.8	21.5	7.6
2004*	1.8	6.0	1.0	13.6	6.0	2.1	1.0	1.4	4.8	1.5	2.0	17.4	1.6	2.5
2005*	5.3	7.1	2.7	2.6	3.8	6.5	0.0	0.8	2.2	165.0	0.0	16.8	1.0	5.5
2006*	3.8	3.3	1.3	2.1	2.8	5.5	4.7	1.0	3.2	2.7	0.0	12.6	65.0	11.6
2007*	5.2	3.2	2.7	7.4	4.1	4.8	1.0	6.0	1.0	7.1	12.0	10.0	58.5	11.1
2008*	4.3	2.5	3.0	0.8	3.0	3.2	0.0	1.8	10.0	3.0	7.8	31.7	3.6	11.0
2009*	11.1	1.9	4.4	5.3	0.0	1.6	4.0	0.1	7.5	0.0	0.0	17.4	0.0	10.5
2010*	9.3	1.0	2.3	4.8	6.0	7.5	0.0	2.9	23.0	0.4	13.7	19.8	0.0	2.5
2011*	5.2	1.4	3.1	22.3	1.0	2.5	0.0	0.0	0.0	0.0	0.0	23.9	2.0	7.4
2012*	12.1	0.4	3.7	4.6	2.0	1.0	5.3	3.0	0.0	0.0	1.5	15.7	0.0	7.0
2013*	4.7	5.5	5.5	3.4	0.1	8.2	2.2	5.0	0.0	0.9	0.0	29.8	2.0	2.3
2014*	4.6	4.5	6.8	9.2	2.0	2.2	0.9	0.0	0.0	0.0	0.0	20.1	0.0	7.4
2015*	3.0	1.0	2.8	26.5	8.0	10.3	0.0	6.7	18.0	5.0	0.0	13.1	0.0	2.0

\* - Preliminary

DF 09/22/16

**ESTIMATED MOURNING DOVE HARVEST (Harvest Information Program)**

YEAR	EMU										CMU				EMU	CMU	WMU	U.S.
	WI	MI	IL	IN	OH	KY	TN	LA	MS	AL	MN	IA	MO	AR				
1999	-	-	545,521	280,639	310,093	935,701	923,016	845,931	600,084	1,323,851	-	-	602,994	968,720	10,943,854	11,401,209	2,092,271	24,437,333
2000	-	-	716,548	277,930	483,797	758,348	901,216	730,709	617,784	1,213,219	-	-	605,759	928,481	10,773,857	13,258,344	2,263,081	26,295,283
2001	-	-	635,829	324,040	234,882	875,247	798,384	489,534	640,517	988,655	-	-	475,756	931,981	9,981,435	11,111,166	2,483,363	23,575,964
2002	-	-	693,673	363,922	302,717	802,132	842,803	464,424	817,690	1,273,414	-	-	455,041	774,743	10,087,019	10,275,529	2,356,581	22,719,128
2003 *	-	-	877,145	361,451	308,009	555,714	737,282	767,334	348,746	977,432	-	-	732,852	595,622	8,198,150	7,714,582	2,420,096	18,332,828
2004 *	97,293	-	890,607	291,691	325,412	593,509	780,763	388,619	627,649	724,929	106,982	-	775,928	740,618	7,833,149	9,904,969	2,470,594	20,111,418
2005 *	180,598	-	798,785	371,927	488,767	703,130	633,198	445,940	455,870	1,252,649	48,822	-	641,795	861,621	9,792,997	9,891,405	2,465,486	22,149,889
2006 *	100,911	-	948,724	190,534	284,402	491,336	656,085	373,694	492,845	1,015,294	50,025	-	709,543	621,550	8,155,447	8,914,035	2,202,876	19,272,358
2007 *	201,991	-	912,341	258,375	307,672	278,107	682,687	412,894	611,997	829,252	67,369	-	603,275	791,704	8,908,428	9,180,155	2,461,453	20,550,036
2008*	122,348	-	683,148	255,666	205,912	369,413	798,194	188,226	452,398	877,408	83,454	-	467,833	422,041	7,671,758	7,519,957	2,210,705	17,402,421
2009*	74,884	-	659,619	243,219	295,828	451,329	619,803	482,696	361,538	1,113,472	61,491	-	294,712	353,534	7,639,194	7,474,642	2,241,012	17,354,848
2010*	99,383	-	464,396	185,661	221,451	357,121	530,585	303,005	514,327	1,022,899	98,943	-	426,005	446,350	7,473,535	7,194,939	2,561,966	17,230,440
2011*	67,042	-	467,747	216,911	174,926	380,679	306,706	471,053	443,398	796,438	57,348	56,778	359,582	519,314	6,666,900	7,657,716	2,256,289	16,580,904
2012*	73,200	-	372,700	263,300	136,000	511,800	464,400	354,100	286,900	687,100	65,400	-	296,600	494,200	6,279,900	6,361,600	1,849,400	14,490,900
2013*	72,818	-	426,628	160,062	371,611	632,901	474,548	625,442	366,182	634,211	53,519	214,313	587,568	155,860	6,350,562	6,235,968	1,943,271	14,529,801
2014*	51,113	-	380,828	147,515	168,831	254,969	412,981	172,163	293,441	467,248	54,805	129,961	374,154	347,942	4,889,812	7,654,691	1,264,964	13,809,468
2015*	60,369	-	283,641	93,641	131,212	286,539	288,388	214,146	257,062	427,959	96,710	111,462	307,390	252,414	4,644,890	7,180,254	1,332,165	13,157,309

\* Preliminary

**ESTIMATES OF ACTIVE MOURNING DOVE HUNTERS (Harvest Information Program)**

YEAR	EMU										CMU			
	WI	MI	IL	IN	OH	KY	TN	LA	MS	AL	MN	IA	MO	AR
1999	-	-	31,677	14,048	20,463	34,365	64,737	40,285	28,173	57,834	-	-	35,774	35,657
2000	-	-	34,507	14,439	32,574	32,994	43,668	30,422	26,267	61,666	-	-	32,807	39,811
2001	-	-	37,646	17,002	18,751	39,398	37,935	25,954	25,513	54,452	-	-	33,753	41,738
2002	-	-	32,856	18,110	19,992	39,155	56,549	27,017	28,292	59,188	-	-	26,984	37,659
2003 *	-	-	35,349	15,414	20,894	33,453	38,608	41,277	17,185	48,951	-	-	40,595	32,786
2004 *	17,733	-	39,450	14,055	16,972	27,536	34,999	26,694	32,432	43,782	13,708	-	41,644	37,890
2005 *	15,559	-	37,611	18,359	19,114	29,690	36,905	23,755	24,056	63,192	5,963	-	40,234	43,429
2006 *	11,209	-	40,496	13,182	14,308	20,674	37,815	22,707	22,950	56,281	7,995	-	44,677	31,325
2007 *	13,585	-	41,396	15,043	17,501	10,607	32,991	24,593	30,073	48,513	7,707	-	42,616	37,001
2008*	10,518	-	31,628	14,254	13,470	18,700	37,458	17,164	17,332	42,287	11,326	-	34,271	23,320
2009*	9,471	-	28,415	13,210	16,719	21,382	41,096	25,040	19,754	61,768	6,768	-	21,483	22,420
2010*	9,125	-	28,870	10,022	12,676	20,121	31,544	17,987	22,387	48,622	9,970	-	29,282	23,907
2011*	8,828	-	25,391	10,005	14,151	18,495	21,390	25,520	20,752	42,623	9,384	5,843	31,637	25,331
2012*	8,900	-	20,500	14,100	8,600	21,500	27,000	17,800	11,800	38,500	6,800	-	23,800	21,400
2013*	9,003	-	24,403	7,712	19,928	29,500	27,351	24,809	17,249	36,814	7,685	12,937	36,372	8,928
2014*	7,511	-	20,161	7,334	12,045	14,206	27,620	15,155	13,809	30,597	6,873	9,156	24,090	19,875
2015*	7,069	-	18,383	7,853	8,580	15,157	12,000	16,358	16,218	26,664	9,697	9,204	22,520	17,830

\* Preliminary

Continued on next page

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**ESTIMATES OF TOTAL MOURNING DOVE HUNTER DAYS AFIELD (Harvest Information Program)**

YEAR	EMU										CMU				EMU	CMU	WMU	U.S.
	WI	MI	IL	IN	OH	KY	TN	LA	MS	AL	MN	IA	MO	AR				
1999	-	-	104,923	54,168	92,666	112,913	198,933	121,377	75,699	181,879	-	-	108,854	131,438	1,743,074	2,049,755	425,265	4,318,093
2000	-	-	132,458	50,951	132,259	105,112	109,596	105,355	74,079	174,335	-	-	115,244	125,620	1,795,205	2,100,480	423,803	4,319,488
2001	-	-	116,678	52,061	66,819	115,424	99,781	79,925	81,128	159,834	-	-	105,962	124,991	1,708,621	1,929,806	478,496	4,116,924
2002	-	-	118,828	61,998	87,356	118,655	155,571	73,631	89,726	170,521	-	-	79,609	114,305	1,682,464	1,082,632	459,730	3,944,557
2003 *	-	-	114,945	56,971	73,028	79,572	173,669	149,767	41,193	138,905	-	-	124,766	89,031	1,519,890	1,442,584	459,680	3,422,154
2004 *	77,528	-	123,867	46,448	74,884	78,431	90,408	82,360	89,802	124,758	61,132	-	128,766	113,954	1,396,820	1,921,819	476,191	3,717,302
2005 *	62,727	-	121,312	66,640	85,721	89,437	93,891	88,366	66,351	168,796	14,721	-	113,362	147,258	1,669,760	1,729,809	446,158	3,845,727
2006 *	40,079	-	129,173	40,223	70,026	64,024	100,959	65,777	60,076	141,814	24,161	-	129,798	77,520	1,335,995	1,611,017	458,818	3,405,830
2007 *	61,566	-	137,249	45,977	60,627	34,067	85,475	63,715	82,005	127,474	27,555	-	124,441	115,933	1,481,697	1,803,864	487,341	3,772,901
2008*	40,640	-	96,977	38,467	61,557	43,682	102,966	38,352	53,845	113,490	34,873	-	93,370	76,601	1,269,500	1,496,900	426,200	3,192,617
2009*	33,749	-	102,882	40,316	75,469	62,828	90,775	77,731	47,391	152,175	24,071	-	58,681	53,815	1,245,684	1,312,715	429,042	2,987,441
2010*	39,815	-	89,273	29,579	45,871	43,359	83,409	46,252	57,407	127,112	55,334	-	75,178	63,302	1,167,111	1,362,326	494,752	3,024,189
2011*	24,199	-	76,990	37,502	55,812	61,667	44,759	69,383	52,231	108,282	25,076	19,043	74,580	63,784	1,095,217	1,444,771	465,663	3,005,651
2012*	32,700	-	62,700	40,700	33,500	61,100	71,300	60,400	32,300	116,400	21,600	-	51,400	57,600	1,015,600	1,108,700	413,700	2,538,000
2013*	33,567	-	67,205	24,443	65,565	82,311	64,175	74,663	40,487	91,417	16,959	49,372	104,521	30,134	987,860	1,185,311	399,763	2,572,934
2014*	23,495	-	56,634	24,770	37,111	33,173	59,358	38,257	39,574	65,888	20,160	27,133	62,196	47,940	791,292	1,333,587	261,799	2,386,678
2015*	29,379	-	55,802	24,552	27,979	38,251	35,101	38,965	34,888	59,498	28,193	24,598	54,320	37,556	780,445	1,235,030	226,458	2,241,933

\* Preliminary

**AVERAGE SEASONAL MOURNING DOVE BAG PER HUNTER (Harvest Information Program)**

YEAR	EMU										CMU			
	WI	MI	IL	IN	OH	KY	TN	LA	MS	AL	MN	IA	MO	AR
1999	-	-	17.2	20.0	15.2	27.2	14.3	21.0	21.3	22.9	-	-	16.9	27.2
2000	-	-	20.8	19.2	14.9	23.0	20.6	24.0	23.5	19.7	-	-	18.5	23.3
2001	-	-	16.9	19.1	12.5	22.2	21.1	18.9	25.1	18.2	-	-	14.1	22.3
2002	-	-	21.1	20.1	15.1	20.5	14.9	17.2	28.9	21.5	-	-	16.9	20.6
2003 *	-	-	24.8	23.5	14.7	16.6	19.1	18.6	20.3	20.0	-	-	18.1	18.2
2004 *	5.5	-	22.6	20.8	19.2	21.6	22.3	14.6	19.4	16.6	7.8	-	18.6	19.6
2005 *	11.6	-	21.2	20.3	25.6	23.7	17.2	18.8	19.0	19.8	8.2	-	16.0	19.8
2006 *	9.0	-	23.4	14.5	19.9	23.8	17.4	16.5	21.5	18.0	6.3	-	15.9	19.8
2007 *	14.9	-	22.0	17.2	17.6	26.2	20.7	16.8	20.4	17.1	8.7	-	14.2	21.4
2008*	11.6	-	21.6	17.9	15.3	19.8	21.3	11.0	26.1	20.7	7.4	-	13.7	18.1
2009*	7.9	-	23.2	18.4	17.7	21.1	15.1	19.3	18.3	18.0	9.1	-	13.7	15.8
2010*	10.9	-	16.1	18.5	17.5	17.7	16.8	16.8	23.0	21.0	9.9	-	14.5	18.7
2011*	7.6	-	18.4	21.7	12.4	20.6	14.3	18.5	21.4	18.7	6.1	9.7	11.4	20.5
2012*	8.3	-	18.2	18.7	15.8	23.8	17.2	19.9	24.3	17.8	9.7	-	12.4	23.1
2013*	8.1	-	17.5	20.8	18.6	21.5	17.4	25.2	19.5	17.2	7.0	16.6	16.2	17.5
2014*	6.8	-	18.9	20.1	14.0	17.9	15.0	11.4	21.2	15.3	8.0	14.2	15.5	17.5
2015*	8.5	-	15.4	11.9	15.3	18.9	24.0	13.1	15.9	16.1	10.0	12.1	13.6	14.2

\* Preliminary

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**ESTIMATED WHITE-WINGED DOVE HARVEST (Harvest Information Program)**

YEAR	EMU							CMU		EMU	CMU	WMU	U.S.
	IL	IN	OH	KY	LA	MS	AL	MO	AR				
1999	--	--	--	--	--	--	--	--	--	1,209	782,941	154,331	938,480
2000	--	--	--	--	--	--	--	--	--	14,959	1,222,583	118,385	1,355,927
2001	--	--	--	--	--	--	--	--	--	5,786	996,950	131,142	1,133,877
2002	--	--	--	--	--	--	--	--	--	3,600	975,356	154,521	1,133,477
2003 *	--	--	--	--	--	--	--	982	--	12,867	825,096	159,887	997,850
2004 *	--	--	--	--	--	--	--	1,938	--	4,653	1,120,700	171,421	1,296,775
2005 *	--	--	--	--	--	--	--	2,525	--	12,385	1,162,470	174,014	1,348,869
2006 *	--	--	--	742	3,411	3,230	9,887	1,020	--	46,796	1,050,946	164,300	1,262,042
2007 *	--	--	--	210	11,838	2,130	10,077	2,228	--	53,390	1,618,384	196,326	1,868,100
2008*	--	--	--	1,592	1,773	2,204	8,481	2,659	--	60,003	1,378,212	179,894	1,618,109
2009*	0	20	1,436	1,088	33,007	1,348	9,325	15,949	3255	88,249	1,361,258	192,735	1,642,243
2010*	7,172	19	0	0	4,566	2,788	4,351	4,404	2,663	29,241	1,485,501	165,176	1,679,918
2011*	692	0	0	567	13,818	667	12,136	1,328	2,004	47,759	1,605,516	198,333	1,851,609
2012*	600	0	0	3,100	6,600	500	3,100	0	1,400	30,200	1,508,500	130,300	1,669,000
2013*	0	0	0	0	0	1,658	4,862	0	0	30,648	1,341,142	152,180	1,523,969
2014*	0	0	0	0	12,513	1,533	3,702	0	0	28,180	1,839,659	138,725	2,006,656
2015*	0	0	0	0	185	0	2,044	0	0	9,544	2,032,531	120,001	2,162,076

\* Preliminary

**ESTIMATES OF ACTIVE WHITE-WINGED DOVE HUNTERS (Harvest Information Program)**

YEAR	EMU							CMU	
	IL	IN	OH	KY	LA	MS	AL	MO	AR
1999	--	--	--	--	--	--	--	--	--
2000	--	--	--	--	--	--	--	--	--
2001	--	--	--	--	--	--	--	--	--
2002	--	--	--	--	--	--	--	--	--
2003 *	--	--	--	--	--	--	--	1786	--
2004 *	--	--	--	--	--	--	--	854	--
2005 *	--	--	--	--	--	--	--	1227.2	--
2006 *	--	--	--	124	1,078	1,228	3,797	703	--
2007 *	--	--	--	310	2,690	1,939	2,898	1602	--
2008*	--	--	--	657	1,602	724	2,740	1930	--
2009*	475	20	120	204	5,362	1,024	2,238	2,078	1,892
2010*	1,353	86	96	0	2,514	1,165	1,600	2,317	616
2011*	718	0	0	106	3,699	478	3,047	1,733	1,113
2012*	400	0	0	100	1,900	200	1,500	0	300
2013*	0	0	0	0	0	572	1,650	0	0
2014*	0	0	0	0	3,147	441	1,201	0	0
2015*	0	0	0	0	868	0	1,208	0	0

\* Preliminary

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**ESTIMATES OF TOTAL WHITE-WINGED DOVE HUNTER DAYS AFIELD (Harvest Information Program)**

YEAR	EMU							CMU		EMU	CMU	WMU	U.S.
	IL	IN	OH	KY	LA	MS	AL	MO	AR				
1999	--	--	--	--	--	--	--	--	--	4,240	330,526	89,854	424,620
2000	--	--	--	--	--	--	--	--	--	9,468	417,557	76,332	503,357
2001	--	--	--	--	--	--	--	--	--	6,243	384,186	84,474	474,903
2002	--	--	--	--	--	--	--	--	--	4,899	397,915	97,614	500,428
2003 *	--	--	--	--	--	--	--	4142	--	15,497	379,045	101,501	496,043
2004 *	--	--	--	--	--	--	--	4261	--	5,857	405,825	112,463	524,145
2005 *	--	--	--	--	--	--	--	4960	--	9,471	469,818	94,405	573,695
2006 *	--	--	--	433	6,469	2,078	6,225	1182	--	27,331	494,011	89,739	644,082
2007 *	--	--	--	841	9,888	3,586	9,853	4096	--	40,003	588,044	102,147	730,194
2008*	--	--	--	986	3,184	2,073	6,409	4292	--	32,214	507,475	124,452	664,141
2009*	668	20	479	272	23,311	1,636	4,044	10,809	3,011	40,423	491,726	105,781	637,930
2010*	12,472	344	288	0	6,607	3,642	5,364	4,285	2,910	33,784	507,680	117,099	658,562
2011*	1,667	0	0	531	10,279	1,375	10,537	5,661	4,514	33,658	501,421	98,949	634,028
2012*	1,300	0	0	700	12,900	300	5,100	0	1,100	33,900	460,600	82,500	577,000
2013*	0	0	0	0	0	1,273	4,963	0	0	27,038	387,229	95,867	510,134
2014*	0	0	0	0	13,878	1,343	3,041	0	0	30,406	507,467	73,979	611,851
2015*	0	0	0	0	1,532	0	3,844	0	0	16,871	539,723	59,615	616,209

\* Preliminary

**AVERAGE SEASONAL WHITE-WINGED DOVE BAG PER HUNTER (Harvest Information Program)**

YEAR	EMU							CMU	
	IL	IN	OH	KY	LA	MS	AL	MO	AR
1999	--	--	--	--	--	--	--	--	--
2000	--	--	--	--	--	--	--	--	--
2001	--	--	--	--	--	--	--	--	--
2002	--	--	--	--	--	--	--	--	--
2003 *	--	--	--	--	--	--	--	0.6	--
2004 *	--	--	--	--	--	--	--	2.3	--
2005 *	--	--	--	--	--	--	--	2.1	--
2006 *	--	--	--	6.0	3.2	2.6	2.6	1.5	--
2007 *	--	--	--	0.7	4.4	1.1	3.5	1.4	--
2008*	--	--	--	2.4	1.1	3.0	3.1	1.4	--
2009*	0.0	1.0	12.0	5.3	6.2	1.3	4.2	7.7	1.7
2010*	5.3	0.2	0.0	0.0	1.8	2.4	2.7	1.9	4.3
2011*	1.0	0.0	0.0	5.3	3.7	1.4	4.0	0.8	1.8
2012*	1.5	0.0	0.0	24.1	3.5	2.6	2.1	0.0	5.5
2013*	0.0	0.0	0.0	0.0	0.0	2.9	2.9	0.0	0.0
2014*	0.0	0.0	0.0	0.0	4.0	3.5	3.1	0.0	0.0
2015*	0.0	0.0	0.0	0.0	0.2	0.0	1.7	0.0	0.0

\* Preliminary

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**ESTIMATED AMERICAN WOODCOCK HARVEST (Harvest Information Program)**

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	CMR	EMR	U.S.
1999	71,530	46,730	105,158	365	3,930	6,614	3,553	767	105	2,315	2,452	59,706	667	213	315,386	129,420	444,806
2000	51,579	51,644	127,384	599	2,979	4,146	5,782	787	0	676	1,185	44,411	96	102	292,989	97,917	390,906
2001	46,413	33,663	116,179	969	4,316	2,785	6,627	4,371	969	1,334	743	5,440	617	236	230,298	111,553	341,851
2002	9,212	34,046	97,042	271	4,877	1,249	3,104	722	2,915	265	11,932	21,125	726	409	194,543	71,028	265,571
2003 *	29,863	30,323	121,483	938	2,174	1,776	2,516	2,129	2,588	576	977	10,376	402	4,233	213,454	89,158	302,612
2004 *	38,462	47,261	102,505	1,719	1,945	7,853	4,640	929	1,890	2,762	369	20,181	881	2,219	234,765	61,538	296,304
2005 *	42,176	37,643	106,759	983	3,913	4,389	35,071	1,288	4,752	15,347	455	18,054	0	125	270,954	91,693	362,647
2006 *	38,738	42,958	116,216	1,470	2,171	2,403	4,060	411	343	2,892	730	19,045	647	300	232,557	79,268	311,826
2007 *	34,400	48,027	86,825	80	3,819	1,203	2,598	858	277	10,541	836	21,726	585	708	214,162	75,882	290,045
2008 *	19,871	35,999	78,900	1,597	4,252	832	2,307	2,623	1,504	3,100	615	13,309	382	2,292	174,262	104,701	278,963
2009*	15,998	29,240	80,934	673	5,345	1,658	1,160	873	0	6,616	424	24,693	1,281	5,946	175,121	63,274	238,395
2010*	34,835	42,282	93,229	1,660	878	3,023	1,715	3,031	6,790	248	5,071	32,989	1,373	599	233,140	99,798	332,938
2011*	44,242	42,570	106,885	209	3,718	1,763	2,306	895	181	615	578	24,359	446	1,593	231,673	77,049	308,722
2012*	31,000	40,400	74,100	0	1,900	600	1,500	900	200	4,200	1,500	20,000	200	3,500	193,000	86,400	279,500
2013*	18,569	38,375	79,348	4,196	1,045	1,396	8,565	7,670	2,848	70	1,255	7,408	2,579	1,425	180,558	62,537	243,095
2014*	23,925	49,313	53,528	142	286	660	279	600	62	195	52	9,364	760	769	141,496	58,589	200,084
2015*	25,622	30,960	63,187	319	174	572	2,132	382	579	7,273	0	3,519	3,576	6,127	145,673	54,486	200,159

\* Preliminary

**ESTIMATES OF ACTIVE NUMBERS OF AMERICAN WOODCOCK HUNTERS (Harvest Information Program)**

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	19,374	24,768	32,614	339	1,942	4,161	3,021	454	105	200	4,753	6,318	91	31
2000	19,979	21,393	27,771	182	3,718	1,319	10,476	3,092		1,266	3,118	10,269	48	1,927
2001	14,359	14,760	31,309	1,603	2,892	1,766	3,080	2,646	206	2,038	149	3,071	72	1,989
2002	8,197	17,598	31,425	599	2,293	1,013	5,153	3,098	2,167	1,866	4,394	3,274	2,838	1,864
2003 *	14,294	16,085	35,106	1,538	2,378	693	3,404	1,734	1,457	1,805	130	1,562	1,975	4,039
2004 *	14,450	15,717	31,180	1,752	1,207	1,098	2,650	2,458	863	3,552	215	3,626	1,134	628
2005 *	11,951	15,633	28,037	1,069	2,135	2,107	5,321	1,186	1,605	4,966	3,610	5,543	0	31
2006 *	14,934	19,390	30,017	2,122	1,973	1,000	2,249	1,530	131	2,970	139	3,968	1,212	150
2007 *	15,295	17,258	28,412	1,109	3,111	1,788	2,611	191	837	2,642	139	4,774	583	101
2008*	8,672	14,231	34,633	1,576	2,124	943	2,909	2,757	2,544	5,063	98	5,995	550	1,016
2009*	9,729	19,425	26,411	856	1,846	1,095	1,641	179	7	3,012	247	4,319	1,046	2,084
2010*	13,888	14,591	31,064	3,169	843	1,038	1,828	2,614	2,865	124	1,640	9,110	1,006	1,202
2011*	17,028	15,226	28,422	1,036	2,874	1,101	3,119	186	45	205	1,582	6,572	137	2,463
2012*	11,200	13,700	25,700	900	900	400	600	1,300	50	1,100	100	4,800	100	2,300
2013*	10,909	14,520	30,038	1,832	1,593	718	2,979	2,925	961	139	1,206	2,540	1,163	1,012
2014*	13,502	16,155	19,389	465	842	263	1,595	1,280	12	156	104	2,682	1,616	51
2015*	13,488	14,653	25,997	1,366	956	409	1,892	127	734	1,221	0	2,797	580	992

\* Preliminary

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**ESTIMATES OF TOTAL AMERICAN WOODCOCK HUNTER DAYS AFIELD (Harvest Information Program)**

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	CMR	EMR	U.S.
1999	101,789	103,606	172,593	530	5,361	24,256	8,577	1,618	1,463	1,637	10,516	34,282	535	322	504,217	222,052	726,269
2000	83,978	109,591	129,677	534	14,317	11,994	23,230	9,410	0	4,540	7,539	48,221	64	2,022	448,023	200,518	648,541
2001	55,556	68,662	151,439	4,652	10,915	6,834	9,204	4,279	1,196	2,920	743	27,518	434	3,309	367,289	218,713	586,001
2002	49,277	58,899	168,912	5,043	4,408	3,155	23,054	5,433	10,084	2,617	7,728	23,392	5,949	8,315	434,366	156,982	591,348
2003 *	48,702	65,590	159,008	4,173	12,246	6,039	10,289	7,991	2,027	4,646	1,173	7,411	3,401	14,349	369,884	152,300	522,184
2004 *	66,993	61,114	147,032	8,820	3,544	5,287	18,216	3,714	1,261	20,053	1,690	14,145	3,619	984	366,108	135,367	501,474
2005 *	60,175	73,051	151,162	7,225	5,336	7,373	25,107	5,021	6,797	31,101	10,785	16,686	0	178	406,577	193,040	599,617
2006 *	60,160	72,365	155,333	4,302	8,944	4,377	9,764	3,771	909	6,827	799	10,908	3,866	375	344,262	146,301	490,563
2007 *	62,810	79,139	138,881	4,635	7,644	3,342	9,259	889	3,419	9,258	418	17,223	1,836	718	358,480	144,979	503,459
2008*	37,899	65,433	156,012	4,332	6,098	2,377	10,310	7,306	9,369	24,179	397	16,222	1,818	3,099	369,792	169,012	538,804
2009*	38,267	77,118	146,177	1,781	6,208	3,984	7,249	1,179	29	8,077	1,025	20,772	3,722	6,539	322,310	177,982	500,292
2010*	55,423	65,744	159,240	7,431	1,220	3,941	4,306	6,039	6,732	207	4,895	28,224	2,960	1,539	392,441	146,705	539,146
2011*	76,937	69,039	143,986	1,560	8,824	4,139	10,243	1,123	181	1,025	5,446	18,430	531	7,473	350,548	155,961	506,509
2012*	40,400	58,000	121,400	4,400	3,500	1,500	2,600	2,000	300	3,200	700	11,000	200	4,900	276,900	137,800	414,700
2013*	74,665	60,041	123,682	8,308	3,442	1,581	8,569	8,490	1,917	349	1,303	2,540	2,552	1,518	306,076	136,680	442,757
2014*	47,527	66,433	87,522	956	2,644	903	4,544	2,236	49	390	363	5,844	5,446	436	227,643	119,716	347,360
2015*	47,607	66,554	124,717	2,509	1,257	1,106	7,547	644	2,607	4,832	0	12,277	2,271	5,072	284,184	115,494	399,677

\* Preliminary

**AVERAGE SEASONAL AMERICAN WOODCOCK BAG PER HUNTER (Harvest Information Program)**

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	3.7	1.9	3.2	1.1	2.0	1.6	1.2	1.7	1.0	11.6	0.5	9.4	7.3	6.8
2000	2.6	2.4	4.6	3.3	0.8	3.1	0.6	0.3	0.0	0.5	0.4	4.3	2.0	0.1
2001	3.2	2.3	3.7	0.6	1.5	1.6	2.2	1.7	4.7	0.7	5.0	1.8	8.6	0.1
2002	1.1	1.9	3.1	0.5	2.1	1.2	0.6	0.2	1.4	0.1	2.7	6.5	0.3	0.2
2003 *	2.1	1.9	3.5	0.6	0.9	2.6	0.7	1.2	1.8	0.3	7.5	6.6	0.2	1.1
2004 *	2.7	3.0	3.3	1.0	1.6	7.2	1.8	0.4	2.2	0.8	1.7	5.6	0.8	3.5
2005 *	3.5	2.4	3.8	0.9	1.8	2.1	6.6	1.1	3.0	3.1	0.1	3.3	0	4.0
2006 *	2.6	2.2	3.9	0.7	1.1	2.4	1.8	0.3	2.6	1.0	5.3	4.8	0.5	2.0
2007 *	2.3	2.8	3.1	0.1	1.2	0.7	1.0	4.5	0.3	4.0	6.0	4.6	1.0	7.0
2008*	2.3	2.5	2.3	1.0	2.0	0.9	0.8	1.0	0.6	0.6	6.3	2.2	0.7	2.3
2009*	1.6	1.5	3.1	0.8	2.9	1.5	0.7	4.9	0.0	2.2	1.7	5.7	1.2	2.9
2010	2.5	2.9	3.0	0.5	1.0	2.9	0.9	1.2	2.4	2.0	4.3	3.6	2.6	0.5
2011*	2.6	2.8	3.8	0.2	1.3	1.6	0.7	4.8	4.0	3.0	0.4	3.7	3.3	0.6
2012*	2.8	3.0	2.9	0.0	2.2	1.5	2.5	0.7	11.5	3.7	16.8	4.1	2.5	1.5
2013*	1.7	2.6	2.6	2.3	0.7	2.0	2.9	2.6	3.0	0.5	1.0	2.9	2.2	1.4
2014*	1.8	3.0	2.8	0.3	0.3	2.5	0.2	0.5	5.0	1.2	0.5	3.5	0.5	4.0
2015*	1.9	2.1	2.4	0.2	0.2	1.4	1.1	3.0	0.8	6.0	0.0	1.3	6.2	6.2

\* Preliminary

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ESTIMATES OF SNIPE HARVEST IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	104	5,246	5,554	686	2,087	1,393	1,978	191	0	815	921	440,206	320	28,803	488,304	35,001	72,731	30,263	626,299
2000	295	346	1,192	6,956	219	258	1,590	0	0	264	2,504	31,447	2,017	15,531	62,618	5,404	12,615	18,540	97,177
2001	10,380	0	5,197	394	81	573	264	1,650	0	257	509	1,938	45	1,571	22,858	26,071	15,332	21,203	85,466
2002	157	675	3,162	1,046	2,669	1,949	62	4,792	0	989	0	7,409	522	1,976	25,409	27,495	5,442	9,814	68,159
2003*	8,162	10,971	11,112	6,548	316	287	66	1,100	1,542	0	0	19,222	2,022	1,796	63,145	191,240	7,647	18,707	280,737
2004*	6,322	4,370	1,038	325	672	126	2,051	212	492	3,185	372	9,979	2,544	1,198	32,886	45,651	6,057	18,689	103,283
2005*	2,848	5,745	1,272	3,682	3,907	810	1,658	326	1,670	4,925	0	12,364	1,539	623	41,367	90,464	16,782	24,152	172,765
2006*	5,265	1,425	3,226	1,527	0	1,781	526	91	215	880	0	7,089	2,349	403	24,776	33,710	9,308	8,901	76,695
2007*	1,364	3,578	508	304	4,417	135	73	4,504	0	3,580	0	16,824	0	472	35,761	56,768	12,158	14,691	119,377
2008*	2,355	451	1,186	106	193	166	1,155	3,808	0	0	0	7,687	1,451	1,641	20,197	46,501	11,875	16,933	95,506
2009*	7,801	220	4,701	421	0	47	68	128	3,988	0	0	2,194	0	1,360	20,928	43,625	5,309	12,738	83,483
2010*	1,211	27	5,233	803	276	389	0	1,635	0	2,237	0	24,096	632	3,663	40,202	53,987	12,656	11,362	118,207
2011*	4,938	2,360	11,004	120	0	105	0	409	0	0	0	16,008	0	1,631	36,574	57,454	25,933	16,341	136,303
2012*	2,800	1,100	500	1,100	100	3,700	0	800	0	0	0	7,400	0	1,800	19,400	25,700	6,100	13,100	64,900
2013*	5,236	3,005	2,526	615	0	242	0	0	0	3,258	0	4,972	0	1,336	21,189	32,979	1,919	13,020	69,107
2014*	0	90	1,231	198	0	1,320	481	0	0	0	0	6,937	0	471	10,731	55,239	5,066	23,882	94,918
2015*	457	100	226	87	0	337	309	614	0	0	0	2,634	0	5,685	10,448	20,254	8,383	5,369	44,455

\* - Preliminary

ESTIMATES ACTIVE SNIPE HUNTERS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	104	3,844	2,861	870	1,026	1,087	1,586	96	0	1,222	5,332	23,557	843	2,106
2000	295	2,403	1,192	1,547	55	52	3,127	0	0	117	104	4,580	2,017	1,071
2001	1,719	43	2,161	66	29	77	2,279	1,532	0	129	4,917	182	18	143
2002	1,549	1,854	2,459	771	662	417	62	3,149	0	78	0	2,093	63	138
2003*	1,100	3,720	2,802	871	72	116	66	514	771	0	0	2,357	940	95
2004*	3,848	1,590	1,431	67	111	66	1,096	64	85	108	74	896	1,009	965
2005*	1,274	2,495	454	1,406	592	793	903	65	42	149	0	3,654	123	42
2006*	2,261	1,265	1,744	602	1,105	749	150	23	13	49	0	966	188	96
2007*	1,169	4,475	305	84	1,466	723	145	1,050	17	1,193	0	2,223	0	77
2008*	2,153	271	1,156	688	144	57	2,309	960	1,158	1,323	65	1,264	242	119
2009*	2,656	141	4,209	406	899	403	136	1,196	725	0	0	173	0	199
2010*	3,298	4,321	2,076	719	92	79	65	1,137	0	597	0	2,520	2,605	588
2011*	1,345	1,166	4,289	1,212	50	72	356	850	1,263	0	0	1,847	0	1,566
2012*	2,400	1,100	200	100	50	1,000	100	1,600	0	0	0	3,000	600	100
2013*	2,792	1,382	2,115	1,123	0	87	0	0	0	1,629	0	977	0	2,846
2014*	1,352	1,127	342	68	0	1,186	48	573	0	0	0	1,967	748	47
2015*	183	1,186	1,392	995	0	49	248	614	133	0	0	120	0	1,298

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ESTIMATES OF TOTAL SNIPE HUNTER DAYS AFIELD IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	334	9,780	14,156	3,307	2,190	2,452	3,309	239	0	4,075	19,026	106,555	843	12,222	178,488	40,272	38,531	29,064	286,355
2000	3,540	8,345	4,769	10,633	137	309	5,817	0	0	557	783	19,291	2,017	3,700	59,897	12,391	8,894	38,595	119,777
2001	6,125	87	5,307	375	258	386	2,476	3,077	0	129	19,329	969	45	571	39,132	19,771	9,842	14,960	83,705
2002	1,863	4,345	12,032	1,631	875	2,451	125	3,336	0	417	0	3,909	146	771	31,900	18,095	3,187	18,079	71,261
2003*	3,979	5,988	14,465	5,013	271	439	66	790	3,856	0	0	8,111	4,641	488	48,108	67,282	45,448	20,921	181,758
2004*	6,922	4,141	8,982	213	430	185	6,082	106	272	540	149	3,071	4,494	2,008	37,594	20,265	10,287	19,858	88,005
2005*	1,414	3,645	909	5,083	1,368	1,623	1,806	87	254	970	0	6,462	246	116	23,984	27,796	11,520	13,967	77,265
2006*	2,943	2,095	4,970	1,208	2,762	1,391	601	45	54	1,075	0	1,909	940	211	20,203	19,552	3,869	6,117	49,741
2007*	5,650	12,501	2,538	219	4,873	1,994	145	1,149	35	1,193	0	5,027	0	128	35,453	47,566	8,270	12,933	104,222
2008*	11,092	1,760	3,469	2,022	337	204	17,321	9,838	1,158	7,939	65	3,096	726	557	59,582	25,313	7,253	11,787	103,935
2009*	12,776	612	12,529	820	899	509	136	2,094	2,538	0	0	693	0	531	34,137	43,407	19,681	11,128	110,311
2010*	11,208	7,809	15,197	2,811	276	326	196	1,137	0	1,651	0	9,046	3,027	2,925	55,609	24,145	10,353	15,891	105,997
2011*	6,651	3,525	14,554	2,343	100	226	356	1,054	1,263	0	0	5,704	0	1,631	37,408	26,543	31,840	13,810	109,601
2012*	4,000	1,300	900	300	50	4,400	100	1,600	0	0	0	8,500	600	700	22,500	18,900	15,700	18,200	75,400
2013*	6,108	11,358	18,284	2,490	0	283	0	0	0	1,629	0	2,635	0	3,219	46,004	15,213	5,580	10,087	76,884
2014*	2,107	10,818	889	324	0	7,004	192	1,719	0	0	0	4,148	1,497	118	28,815	38,962	6,950	18,460	93,187
2015*	639	12,765	6,848	2,007	0	189	1,114	1,843	798	0	0	3,592	0	1,397	31,190	11,674	11,411	6,001	60,276

\* - Preliminary

ESTIMATES SEASONAL SNIPE BAG PER HUNTER IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	1.0	1.4	1.9	0.8	2.0	1.3	1.2	2.0	0.0	0.7	0.2	18.7	0.4	13.7
2000	1.0	0.1	1.0	4.5	4.0	5.0	0.5	0.0	0.0	2.3	24.0	6.9	1.0	14.5
2001	6.0	0.0	2.4	6.0	2.8	7.4	0.1	1.1	0.0	2.0	0.1	10.7	2.5	11.0
2002	1.3	0.4	0.1	1.4	4.0	4.7	1.0	1.5	0.0	12.7	0.0	3.5	8.3	14.3
2003*	7.4	3.0	4.0	7.5	4.4	2.5	1.0	2.1	2.0	0.0	0.0	8.2	2.2	18.9
2004*	1.6	2.8	0.7	4.8	6.1	1.9	1.9	3.3	5.8	29.5	5.0	11.1	2.5	1.2
2005*	2.2	2.3	2.8	2.6	6.6	1.0	1.8	5.0	39.5	33.0	0.0	3.4	12.5	14.8
2006*	2.3	1.1	1.9	2.5	0.0	2.4	3.5	4.0	16.0	18.0	0.0	7.3	12.5	4.2
2007*	1.2	0.8	1.7	3.6	3.0	0.2	0.5	4.3	0.0	3.0	0.0	7.6	0.0	6.2
2008*	1.1	1.7	1.0	0.2	1.3	2.9	0.5	4.0	0.0	0.0	0.0	6.1	6.0	13.8
2009*	2.9	1.6	1.1	1.0	0.0	0.1	0.5	0.1	5.5	0.0	0.0	12.7	0.0	6.8
2010*	0.4	0.0	2.5	1.1	3.0	5.0	0.0	1.4	0.0	9.9	0.0	8.7	0.2	9.5
2011*	3.7	2.0	2.6	0.1	0.0	1.5	0.0	0.5	0.0	0.0	0.0	8.7	0.0	1.0
2012*	1.2	1.0	3.0	14.3	2.0	3.6	0.0	0.5	0.0	0.0	0.0	2.5	0.0	13.6
2013*	1.9	2.2	1.2	0.6	0.0	2.8	0.0	0.0	0.0	2.0	0.0	5.1	0.0	0.5
2014*	0.0	0.1	3.6	2.9	0.0	1.1	10.0	0.0	0.0	0.0	0.0	3.5	0.0	10.0
2015*	2.5	0.1	0.2	0.1	0.0	6.8	1.3	1.0	0.0	0.0	0.0	22.0	0.0	4.4

\* - Preliminary

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ESTIMATES OF RAIL HARVEST IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	4	419	0	110	142	778	2,609	0	0	0	0	13,549	0	1,352	18,964	19,830	32,026	513	71,333
2000	0	0	0	83	33	64	1,441	0	0	0	0	7,788	0	142	9,551	4,641	8,887	0	23,079
2001	26	0	0	323	105	464	0	449	0	0	0	5,518	0	231	7,116	33,843	218	0	41,177
2002	4,544	106	2,372	98	626	230	0	720	0	0	0	2,138	0	19	10,853	12,024	928	0	23,805
2003*	6,067	1,051	0	2,783	34	581	0	466	513	0	0	14,453	2,112	0	28,059	61,248	7,131	0	96,437
2004*	1,869	2,115	0	39	2,435	2,193	0	0	0	0	0	21,154	52	1,046	30,903	16,225	3,419	0	50,546
2005*	0	0	182	1,051	76	1,517	589	522	0	12,225	76	15,941	0	19	32,122	43,817	1,319	0	77,258
2006*	708	15	1,560	109	919	113	236	91	0	0	0	7,071	0	0	10,821	14,684	3,006	0	28,511
2007*	0	673	102	1,126	55	463	215	310	259	0	0	299	0	0	3,500	15,707	5,244	0	24,450
2008*	2,496	650	0	726	0	1,190	0	1,943	35	0	0	799	0	298	8,138	33,058	3,796	0	44,992
2009*	882	0	295	32	0	3	64	0	0	0	0	236	0	0	1,514	29,776	4,777	0	36,067
2010*	2,529	0	0	0	973	3,354	0	532	0	0	0	919	0	833	9,141	15,539	2,392	0	27,071
2011*	0	78	1,025	0	0	1,411	0	134	0	0	0	50	0	0	2,698	10,721	836	0	14,256
2012*	100	100	0	0	100	300	0	0	0	0	0	700	0	200	1,500	14,800	700	0	16,900
2013*	0	80	410	0	0	240	866	1,142	0	0	0	7,630	0	0	10,368	9,566	3,519	0	23,454
2014*	0	0	3,588	0	0	378	0	0	0	0	0	4,661	0	0	8,626	8,178	1,191	0	17,996
2015*	0	0	978	0	0	57	50	0	0	0	0	178	0	0	1,263	24,521	984	0	26,767

\* - Preliminary

ESTIMATES ACTIVE RAIL HUNTERS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	23	1,596	1,365	531	41	2,076	788	0	0	852	4,492	2,493	0	462
2000	197	42	0	21	17	11	3,072	0	0	0	50	1,853	0	57
2001	26	0	137	330	18	29	63	56	0	0	0	179	0	31
2002	1,136	35	791	21	437	34	0	720	0	0	0	231	0	9
2003*	688	1,051	0	937	587	742	68	72	513	1,864	0	2,991	352	0
2004*	1,239	1,287	865	39	901	1,041	0	0	632	0	0	3,586	13	1,046
2005*	0	812	182	710	346	613	74	479	0	72	0	2,937	0	10
2006*	1,062	46	780	28	933	170	157	18	0	0	0	396	0	0
2007*	828	526	102	786	14	528	72	16	24	0	0	32	0	0
2008*	1,184	1,951	91	474	74	340	0	981	35	0	62	68	250	9
2009*	882	688	98	512	0	7	64	129	0	0	0	21	0	0
2010*	1,074	4,336	221	0	973	830	0	106	0	151	0	91	2,333	1,666
2011*	0	52	1,153	0	0	607	0	134	0	0	0	10	0	0
2012*	100	50	0	0	50	200	0	0	0	0	0	100	0	50
2013*	70	53	410	0	0	410	866	571	0	0	0	482	0	0
2014*	670	877	1264	0	0	151	31	0	0	0	0	764	0	0
2015*	0	950	150	0	0	322	775	0	19	0	0	89	0	0

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ESTIMATES OF TOTAL RAIL HUNTER DAYS AFIELD IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	109	6,109	5,573	1,939	61	2,793	1,225	0	0	2,520	17,967	6,238	0	1,352	45,885	29,640	23,891	3,375	102,791
2000	197	847	0	41	33	21	7,323	0	0	0	300	4,000	0	85	12,847	5,186	2,467	1,775	22,275
2001	105	0	547	1,743	175	157	63	108	0	0	0	1,211	0	105	4,213	8,217	5,514	0	17,945
2002	1,136	71	3,162	70	500	203	0	2,229	0	0	0	925	0	65	8,361	3,717	2,444	0	14,522
2003*	860	1,051	0	4,385	660	1,067	68	84	2,564	3,727	0	6,201	3,168	0	23,834	19,546	7,024	0	50,795
2004*	6,764	3,292	6,058	71	1,920	3,890	0	0	2,458	0	0	10,380	39	1,046	35,918	7,460	14,329	0	57,707
2005*	0	6,907	363	2,171	778	847	147	494	0	791	0	5,814	0	10	18,322	7,246	1,504	0	27,073
2006*	1,062	76	3,120	66	2,311	349	393	36	0	0	0	1,137	0	0	8,551	5,329	3,105	0	16,985
2007*	7,042	673	102	1,339	27	821	72	47	0	0	0	75	0	0	10,244	9,092	3,607	0	22,943
2008*	4,705	4,552	182	1,400	222	1,049	0	9,272	35	0	615	270	749	81	23,133	6,350	3,712	0	33,195
2009*	9,707	6,193	492	558	0	7	64	387	0	0	0	21	0	0	17,428	6,707	8,920	0	33,056
2010*	3,729	8,866	1,438	0	2,920	6,235	0	106	0	303	0	364	2,333	11,661	37,955	6,425	3,325	0	47,705
2011*	0	131	3,103	0	0	1,208	0	268	0	0	0	30	0	0	4,739	2,857	887	0	8,483
2012*	100	100	0	0	100	300	0	0	0	0	0	600	0	200	1,300	2,600	1,000	0	4,900
2013*	70	374	1230	0	0	464	866	571	0	0	0	2972	0	0	6547	4,781	3,279	0	14,607
2014*	1339	8569	2529	0	0	332	31	0	0	0	0	1283	0	0	14082	8,961	19,667	0	42,710
2015*	0	11078	1429	0	0	844	1172	0	58	0	0	2675	0	0	17256	2,958	5,847	0	26,061

\* - Preliminary

ESTIMATES SEASONAL RAIL BAG PER HUNTER IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	0.2	0.3	0.0	0.2	3.5	0.4	3.3	0.0	0.0	0.0	0.0	5.4	0.0	2.9
2000	0.0	0.0	0.0	4.0	2.0	6.0	0.5	0.0	0.0	0.0	0.0	4.2	0.0	2.5
2001	1.0	0.0	0.0	1.0	6.0	16.0	0.0	8.1	0.0	0.0	0.0	30.8	0.0	7.3
2002	4.0	3.0	3.0	4.7	1.4	6.8	0.0	1.0	0.0	0.0	0.0	9.3	0.0	2.0
2003*	8.8	1.0	0.0	3.0	0.1	0.8	0.0	6.5	1.0	0.0	0.0	4.8	6.0	0.0
2004*	1.5	1.6	0.0	1.0	2.7	2.1	0.0	0.0	0.0	0.0	0.0	5.9	4.0	1.0
2005*	0.0	0.0	1.0	1.5	0.2	2.5	8.0	1.1	0.0	170.0	0.0	5.4	0.0	2.0
2006*	0.7	0.3	2.0	3.8	1.0	0.7	1.5	5.0	0.0	0.0	0.0	17.9	0.0	0.0
2007*	0.0	1.3	1.0	1.4	4.0	0.9	3.0	20.0	11.0	0.0	0.0	9.5	0.0	0.0
2008*	2.1	0.3	0.0	1.5	0.0	3.5	0.0	2.0	1.0	0.0	0.0	11.8	0.0	33.0
2009*	1.0	0.0	3.0	0.1	0.0	0.5	1.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0
2010*	2.4	0.0	0.0	0.0	1.0	4.0	0.0	5.0	0.0	0.0	0.0	10.1	0.0	0.5
2011*	0.0	1.5	0.9	0.0	0.0	2.3	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0
2012*	1.0	4.0	0.0	0.0	2.0	1.5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0
2013*	0.0	1.5	1.0	0.0	0.0	0.6	1.0	2.0	0.0	0.0	0.0	15.8	0.0	0.0
2014*	0.0	0.0	2.8	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0
2015*	0.0	0.0	6.5	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	2.0	0.0	0.0

\* - Preliminary

DF 09/22/16

ESTIMATES OF MOORHEN AND GALLINULE HARVEST IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	3,718	30	0	0	16,205	15	0	851	0	18	0	73,978	0	2,243	97,058	15,308	6,365	9,800	128,531
2000	0	0	0	0	0	0	1,310	0	0	0	0	16,408	0	511	18,230	344	0	25,888	44,461
2001	131	0	0	0	0	348	0	0	0	0	0	4,621	1,766	126	6,992	3,642	5	552	11,190
2002	0	177	791	0	0	0	0	0	0	0	0	6,473	0	46	7,487	5,178	370	648	13,682
2003*	602	0	838	0	0	38	68	1,877	0	0	0	33,092	10,910	0	47,424	3,025	32,128	1,813	84,389
2004*	41	883	0	0	0	0	0	0	0	0	0	30,491	13	0	31,429	78	701	1,723	33,930
2005*	420	755	1,674	0	0	5	0	0	0	0	4,993	46,854	0	19	54,721	9,095	21	6,260	70,098
2006*	746	0	780	0	0	0	0	0	0	0	0	7,993	2,303	0	11,821	1,838	0	0	13,660
2007*	0	0	0	0	0	0	0	0	0	0	0	252	0	63	315	163	44	4,020	4,542
2008*	1,070	0	0	0	0	0	0	0	0	0	0	2,206	250	0	3,525	2,952	69	6,684	13,230
2009*	0	688	0	0	0	0	0	0	0	0	0	3,018	0	0	3,707	994	0	2,742	7,442
2010*	560	0	0	0	0	0	0	0	359	0	0	1,975	0	280	3,175	1,136	2,298	7,042	13,651
2011*	2,005	26	228	0	0	0	0	0	0	0	0	190	0	0	2,449	692	105	4,331	7,577
2012*	0	0	0	0	0	0	0	0	0	0	0	14,300	0	0	14,300	600	2,800	5,200	22,900
2013*	70	2110	0	0	0	0	0	0	0	0	0	13192	0	0	15372	2,817	2,802	291	21,282
2014*	0	0	0	0	0	0	0	0	0	0	0	1481	0	0	1485	3,531	11	186	5,213
2015*	161	0	0	0	0	0	0	0	0	0	0	2600	0	0	2762	1,878	0	4,267	8,907

\* - Preliminary

ESTIMATES ACTIVE MOORHEN AND GALLINULE HUNTERS IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	1,795	1,476	1,365	482	1,620	1,389	686	851	0	852	4,492	2,368	0	1,352
2000	0	42	0	0	0	0	131	0	0	876	50	4,518	0	57
2001	26	0	0	0	0	6	0	0	0	0	83	135	883	21
2002	0	35	791	0	0	7	0	0	0	0	0	520	0	9
2003*	602	0	838	0	7	13	68	375	0	0	0	2,674	352	0
2004*	41	55	0	0	0	0	0	0	0	0	0	4,199	13	0
2005*	420	769	837	0	0	3	0	0	503	0	4,993	4,264	0	10
2006*	469	0	780	0	0	0	79	0	0	0	0	1,516	46	0
2007*	0	16	102	0	0	4	0	0	0	0	0	39	0	11
2008*	1,070	650	91	0	0	0	0	0	0	0	62	90	250	9
2009*	0	688	0	0	0	0	64	0	0	0	0	144	0	0
2010*	520	4,336	1,093	0	0	0	0	0	527	151	0	127	2,333	205
2011*	668	52	114	0	0	0	0	0	0	0	0	60	0	0
2012*	0	50	0	0	0	0	0	0	0	0	0	900	0	0
2013*	70	1,082	0	0	0	0	0	0	0	0	0	1,295	0	0
2014*	69	848	68	0	0	0	0	0	0	0	0	222	0	0
2015*	81	29	0	0	0	153	0	0	0	0	0	837	0	0

\* - Preliminary

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ESTIMATES OF TOTAL MOORHEN AND GALLINULE HUNTER DAYS AFIELD IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	AF FLYWAY	CF FLYWAY	PF FLYWAY	US TOTAL
1999	7,199	5,090	5,573	1,865	19,446	2,106	890	1,702	0	2,912	17,967	8,678	0	8,627	82,055	32,152	25,244	6,741	146,192
2000	0	847	0	0	0	0	1,441	0	0	3,503	300	10,875	0	114	17,080	3,440	1,480	11,035	33,036
2001	105	0	0	0	0	116	0	0	0	0	1,652	1,436	2,649	63	6,021	6,027	1,305	2,883	16,236
2002	0	247	3,162	0	0	88	0	0	0	0	0	2,023	0	19	5,539	3,211	1,851	372	10,973
2003*	602	0	838	0	13	25	68	1,126	0	0	0	8,990	3,168	0	14,830	5,514	28,971	1,130	50,445
2004*	165	828	0	0	0	0	0	0	0	0	0	14,448	39	0	15,480	329	125	1,723	17,657
2005*	420	9,071	837	0	0	8	0	0	1,007	0	9,986	17,637	0	10	38,975	11,436	32	2,803	53,246
2006*	1,100	0	3,120	0	0	0	79	0	0	0	0	6,345	737	0	11,380	4,492	0	2,298	18,170
2007*	0	82	203	0	0	14	0	0	0	0	0	98	0	21	419	4,410	89	1,581	6,497
2008*	2,853	1,301	182	0	0	0	0	0	0	0	615	428	250	9	5,637	1,319	71	4,195	11,222
2009*	0	4,817	0	0	0	0	64	0	0	0	0	739	0	0	5,620	1,567	0	2,108	9,295
2010*	782	8,866	3,182	0	0	0	0	0	264	303	0	475	2,333	1,031	17,234	2,238	4,844	3,143	27,459
2011*	668	131	911	0	0	0	0	0	0	0	0	160	0	0	1,870	1,168	35	2,838	5,912
2012*	0	100	0	0	0	0	0	0	0	0	0	5,300	0	0	5,400	500	1,800	2,500	10,200
2013*	70	1,162	0	0	0	0	0	0	0	0	0	4,588	0	0	5,820	660	3,560	289	10,328
2014*	139	8,484	68	0	0	0	0	0	0	0	0	1,111	0	0	9,809	4,945	13,399	5,523	33,676
2015*	81	29	0			458	0	0		0	0	11,506	0	0	12,073	986	5,414	761	19,235

\* - Preliminary

ESTIMATES SEASONAL MOORHEN AND GALLINULE BAG PER HUNTER IN THE MISSISSIPPI FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL
1999	2.1	0.0	0.0	0.0	10.0	0.0	0.0	1.0	0.0	0.0	0.0	31.2	0.0	1.7
2000	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	3.6	0.0	9.0
2001	5.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	34.3	2.0	6.0
2002	0.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	5.0
2003*	1.0	0.0	1.0	0.0	0.0	3.0	1.0	5.0	0.0	0.0	0.0	12.4	31.0	0.0
2004*	1.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	1.0	0.0
2005*	1.0	1.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	11.0	0.0	2.0
2006*	1.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	50.0	0.0
2007*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	6.0
2008*	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1.0	0.0
2009*	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
2010*	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	15.5	0.0	3.4
2011*	3.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
2012*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.0
2013*	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0
2014*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0
2015*	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0

\* - Preliminary

DF 09/22/16



# CENTRAL FLYWAY



DUCK STAMP SALES IN THE CENTRAL FLYWAY<sup>1</sup>

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1961	13,768	25,597	30,549	5,147	33,409	25,625	40,275	3,789	24,844	68,862	271,865
1962	7,476	25,550	28,127	2,332	19,027	13,325	21,988	1,461	14,829	51,518	185,633
1963	11,920	36,502	36,359	3,491	26,531	20,232	28,797	4,838	19,877	73,923	262,470
1964	13,079	39,120	34,668	4,309	28,732	23,453	27,801	4,419	21,787	83,442	280,810
1965	4,813	33,983	31,071	1,802	24,382	18,723	32,384	3,674	20,870	88,325	260,027
1966	6,100	39,070	35,695	4,178	32,284	27,037	35,264	4,704	25,723	101,161	311,216
1967	6,449	40,114	41,798	4,879	40,540	28,931	47,935	5,226	32,806	111,479	360,157
1968	6,462	39,993	38,280	4,979	34,090	28,718	44,601	5,552	25,179	96,031	323,885
1969	7,394	42,395	40,043	5,499	42,116	31,312	53,721	4,844	30,528	115,899	373,751
1970	7,744	50,015	41,220	6,502	48,774	37,316	60,633	5,800	34,184	144,932	437,120
1971	8,345	53,600	46,670	7,705	50,898	43,203	63,756	6,362	36,049	138,047	454,635
1972	8,054	50,944	45,753	6,553	48,677	37,331	61,467	5,599	31,172	129,453	425,003
1973	8,216	49,193	45,471	6,537	50,839	39,046	58,805	5,311	31,456	117,446	412,320
1974	7,930	54,917	41,476	6,803	48,195	39,062	64,440	6,474	34,019	122,819	426,135
1975	8,848	58,896	41,004	7,134	41,978	39,079	58,005	7,389	34,978	133,307	430,618
1976	8,748	57,105	30,101	8,006	44,000	40,953	58,220	6,793	33,895	141,840	429,661
1977	7,892	57,035	34,783	8,463	44,502	39,808	57,592	6,766	30,256	136,774	423,871
1978	8,588	60,147	43,415	9,231	43,177	42,138	50,724	7,321	25,642	140,207	430,590
1979	7,884	57,298	42,684	9,544	41,804	40,531	46,077	6,862	24,565	137,721	414,970
1980	7,758	53,286	37,214	10,126	38,867	41,257	36,536	6,457	17,626	139,738	388,865
1981	5,076	48,141	32,872	9,209	31,960	38,400	34,296	5,719	18,176	115,509	339,358
1982	7,021	49,936	35,648	9,743	33,956	43,332	32,603	6,615	17,776	122,278	358,908
1983	7,782	45,389	35,447	9,136	33,835	40,215	30,835	6,238	18,346	111,512	338,735
1984	7,692	42,680	38,700	11,030	36,488	45,549	33,363	6,517	20,442	111,845	354,306
1985	6,960	40,466	34,878	9,122	34,510	44,336	33,663	6,375	18,980	99,720	329,010
1986	5,779	42,136	37,052	9,076	36,827	43,681	35,553	5,309	18,550	101,113	335,076
1987	5,188	38,584	32,826	8,079	33,775	38,536	26,806	5,086	16,888	97,141	302,909
1988	4,267	24,662	27,352	7,539	26,147	34,073	17,416	4,145	13,447	81,928	240,976
1989	6,579	27,875	27,967	6,525	26,991	32,804	17,289	4,103	13,507	83,105	246,745
1990	4,644	25,836	28,650	6,426	28,538	27,343	16,203	4,154	13,937	82,907	238,638
1991	4,490	25,023	28,607	6,915	24,724	28,035	14,781	7,121	12,807	79,756	232,259
1992	5,205	24,657	29,751	7,315	28,094	27,115	17,291	3,823	12,351	78,887	234,489
1993	4,876	29,439	31,037	7,512	31,185	29,694	16,194	3,861	12,055	82,494	248,347
1994	5,771	32,675	31,613	8,598	31,639	31,939	18,151	4,540	13,725	85,519	264,170
1995	6,327	34,489	34,841	9,386	33,977	34,904	20,541	5,186	15,043	100,812	295,506
1996	6,472	34,373	33,995	9,633	34,833	35,385	21,666	4,038	16,661	101,695	298,751
1997	7,210	36,463	35,316	10,806	40,724	39,211	26,036	4,131	18,664	120,376	338,937
1998	**	35,970	34,129	12,917	34,969	42,584	23,169	5,226	20,810	117,352	327,126
1999	**	37,297	33,568	11,309	34,323	39,322	26,511	5,130	21,096	127,028	335,584
2000	**	35,795	32,383	11,130	37,040	38,796	27,902	5,447	22,208	136,990	347,691
2001	**	35,439	33,463	10,626	33,825	34,766	26,573	5,449	22,418	148,874	351,433
2002	**	31,549	30,881	8,114	31,886	31,603	26,594	5,066	21,811	137,810	325,314
2003	**	32,917	31,439	8,786	31,992	33,239	27,217	5,049	21,705	130,039	322,383
2004	**	28,593	28,235	9,002	29,603	37,229	24,419	4,582	20,721	119,136	301,520
2005	**	27,278	26,005	8,493	25,924	39,174	22,925	4,322	18,408	118,749	291,278
2006	**	22,998	22,098	5,805	22,702	31,893	21,465	4,349	19,147	125,123	275,579
2007	**	20,844	22,020	6,412	21,489	32,807	22,361	4,194	20,891	127,266	278,284
2008		19,571	21,508	5,851	20,829	31,502	22,882	4,363	21,108	137,715	285,329
AVERAGES:											
61-65	10,211	32,150	32,155	3,416	26,416	20,272	30,249	3,636	20,441	73,214	252,161
66-70	6,830	42,317	39,407	5,207	39,561	30,663	48,431	5,225	29,684	113,900	361,226
71-75	8,279	53,510	44,075	6,946	48,117	39,544	61,295	6,227	33,535	128,214	429,742
76-80	8,174	56,974	37,639	9,074	42,470	40,937	49,830	6,840	26,397	139,256	417,591
81-85	6,906	45,322	35,509	9,648	34,150	42,366	32,952	6,293	18,744	112,173	344,063
86-90	5,291	31,819	30,769	7,529	30,456	35,287	22,653	4,559	15,266	89,239	272,869
91-95	5,334	29,257	31,170	7,945	29,924	30,337	17,392	4,906	13,196	85,494	254,954
96-00	6,841	35,980	33,878	11,159	36,378	39,060	25,057	4,794	19,888	120,688	329,618
01-05	0	31,155	30,005	9,004	30,646	35,202	25,546	4,894	21,013	130,922	318,386
06-08	0	21,137	21,875	6,023	21,673	32,067	22,236	4,302	20,382	130,035	279,731

<sup>1</sup> 1998 thereafter; duck stamp numbers are not proportioned between Central and Pacific flyways. MT will be counted within the PF.

ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	44,891	538,499	302,900	28,471	189,301	68,129	203,226	21,580	266,047	1,232,475	2,895,519
2000	40,520	427,300	218,399	32,412	207,716	91,070	195,555	52,782	219,410	1,550,722	3,035,886
2001	37,723	491,201	294,307	36,390	206,289	118,597	168,267	51,983	153,503	1,449,058	3,007,318
2002	34,532	514,598	251,699	41,288	215,972	82,306	202,093	40,100	228,625	907,241	2,518,454
2003*	46,496	496,800	254,400	35,705	214,457	115,360	203,184	52,359	207,506	703,244	2,329,511
2004*	42,821	541,901	215,299	39,654	158,780	93,159	249,126	32,329	346,013	841,481	2,560,563
2005*	36,397	519,400	179,199	25,945	158,368	69,509	145,413	27,308	276,949	1,158,327	2,596,815
2006*	29,302	378,697	193,503	31,193	155,512	86,981	133,701	41,101	287,999	896,420	2,234,409
2007*	33,543	373,002	182,900	36,955	175,518	84,389	135,523	27,429	433,278	914,566	2,397,103
2008*	38,331	288,299	169,500	26,857	177,621	95,054	208,056	26,039	239,992	694,093	1,963,842
2009*	43,004	473,000	225,200	32,705	143,998	76,554	176,862	27,262	253,039	836,470	2,288,093
2010*	36,980	322,361	187,464	25,198	139,070	49,649	168,422	32,019	235,718	868,635	2,065,513
2011*	34,799	460,646	226,143	32,025	203,036	58,030	178,112	28,813	297,856	1,217,676	2,737,134
2012*	40,041	459,347	220,341	33,328	135,346	71,421	150,901	24,988	324,491	1,272,624	2,732,819
2013*	54,378	466,744	201,087	46,224	177,479	95,476	235,335	31,318	356,814	924,914	2,589,757
2014*	45,117	545,033	175,388	24,673	117,926	82,537	188,655	31,797	310,271	1,052,983	2,574,378
2015*	36,278	509,275	180,717	18,988	131,446	89,311	204,053	22,051	239,090	588,187	2,019,401
AVERAGES:											
99-00	42,706	482,900	260,650	30,442	198,509	79,600	199,391	37,181	242,729	1,391,599	2,965,703
01-05	39,594	512,780	238,981	35,796	190,773	95,786	193,617	40,816	242,519	1,011,870	2,602,532
06-10	36,232	367,072	191,713	30,582	158,344	78,525	164,513	30,770	290,005	842,037	2,189,792
11-15	42,123	488,209	200,735	31,048	153,047	79,355	191,411	27,793	305,704	1,011,277	2,530,698

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	29,678	254,256	145,196	17,675	91,025	38,337	114,167	7,851	114,589	182,755	995,528
2000	29,211	182,521	110,607	21,447	118,548	49,420	102,846	21,894	116,379	283,116	1,035,988
2001	27,151	242,147	154,993	24,870	133,947	80,906	97,739	22,872	92,830	300,903	1,178,357
2002	22,263	226,961	117,085	23,736	112,577	43,032	93,112	20,701	121,494	232,687	1,013,649
2003*	38,200	231,335	124,593	19,430	127,992	59,600	95,711	25,148	110,031	130,070	962,111
2004*	32,575	223,924	93,993	22,210	95,874	47,854	133,582	15,646	186,755	117,021	969,435
2005*	26,871	233,142	81,701	17,025	89,415	31,089	84,193	8,126	125,375	171,208	868,144
2006*	18,231	162,300	72,734	19,308	86,754	44,782	55,780	12,421	126,446	111,196	709,952
2007*	19,229	171,224	83,640	25,345	91,047	39,393	61,041	9,276	219,572	86,931	806,699
2008*	27,156	139,219	76,643	17,581	90,391	48,486	98,160	11,394	97,524	70,234	676,788
2009*	25,348	169,224	108,581	19,214	84,027	42,670	80,574	13,241	104,072	74,524	721,474
2010*	26,288	105,146	83,910	14,300	75,236	28,241	76,639	13,642	90,298	89,514	603,214
2011*	17,263	187,683	100,254	20,075	104,793	27,372	85,163	15,455	101,595	113,557	773,210
2012*	18,761	187,963	99,769	22,154	94,630	35,161	78,157	15,222	118,526	92,801	763,143
2013*	26,289	178,721	81,098	28,693	82,415	34,122	94,432	11,563	134,470	68,282	740,084
2014*	20,303	213,079	81,560	17,306	75,602	54,497	114,417	14,123	148,826	73,761	813,473
2015*	26,732	189,295	63,712	13,226	72,381	40,510	112,358	12,300	118,530	65,403	714,448
AVERAGES:											
99-00	29,444	218,388	127,902	19,561	104,786	43,879	108,507	14,872	115,484	232,936	1,015,758
01-05	29,412	231,502	114,473	21,454	111,961	52,496	100,868	18,498	127,297	190,378	998,339
06-10	23,250	149,422	85,102	19,150	85,491	40,715	74,439	11,995	127,582	86,480	703,625
11-15	21,870	191,348	85,279	20,291	85,964	38,332	96,905	13,733	124,389	82,761	760,872

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON GADWALL HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	1,663	106,500	41,960	1,306	16,045	7,081	27,189	2,535	62,244	290,029	556,552
2000	2,570	94,423	24,162	2,193	23,452	8,540	29,363	7,003	44,235	373,472	609,414
2001	1,682	82,880	29,023	2,073	13,535	8,062	19,154	6,584	25,834	302,957	491,783
2002	2,137	98,282	36,700	2,482	21,212	5,121	36,572	4,732	40,718	163,686	411,642
2003*	1,860	96,155	37,432	3,600	20,928	10,360	41,063	7,480	40,657	163,195	422,728
2004*	1,786	125,440	35,867	4,194	12,848	8,574	41,374	4,364	69,687	178,924	483,058
2005*	1,198	95,382	28,511	1,686	9,495	10,388	21,629	5,157	57,475	269,041	499,963
2006*	1,582	63,324	34,033	2,498	12,459	9,602	30,594	3,892	68,983	236,409	463,376
2007*	2,069	57,159	25,697	2,614	10,820	7,914	27,687	2,978	87,577	169,311	393,826
2008*	2,451	46,058	24,876	1,941	14,915	10,409	34,080	3,177	54,380	147,137	339,424
2009*	3,466	93,530	31,363	2,091	13,059	9,482	27,589	4,626	68,047	207,963	461,217
2010*	1,766	55,061	21,671	1,735	9,262	4,137	30,940	3,782	56,302	182,980	367,637
2011*	4,384	65,673	20,910	2,305	16,134	4,136	29,553	3,768	71,914	337,206	555,983
2012*	1,960	60,668	29,082	972	8,893	7,192	32,473	1,307	84,037	310,375	536,958
2013*	3,721	65,052	19,511	3,137	15,257	14,874	34,188	4,176	96,304	199,328	455,548
2014*	2,739	85,704	15,535	679	5,254	6,183	13,648	2,547	61,881	227,865	422,036
2015*	1,273	70,999	20,293	912	8,699	9,713	31,068	850	47,943	137,215	328,964
AVERAGES:											
99-00	2,116	100,461	33,061	1,750	19,748	7,811	28,276	4,769	53,240	331,751	582,983
01-05	1,733	99,628	33,507	2,807	15,604	8,501	31,958	5,663	46,874	215,561	461,835
06-10	2,267	63,027	27,528	2,176	12,103	8,309	30,178	3,691	67,058	188,760	405,096
11-15	2,815	69,619	21,066	1,601	10,847	8,420	28,186	2,530	72,416	242,398	459,898

\* - PRELIMINARY

DF 09/16/16

ESTIMATES OF ALL-SEASON GREEN-WINGED TEAL HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	2,743	19,992	24,067	1,567	29,776	7,163	24,970	4,190	36,755	200,309	351,531
2000	1,028	23,224	24,983	2,437	21,648	10,220	32,493	6,266	20,077	208,212	350,588
2001	1,442	13,399	22,477	3,374	19,758	9,335	21,839	7,046	14,578	216,349	329,597
2002	2,826	33,642	26,019	3,136	33,149	9,677	35,206	2,602	25,980	130,601	302,838
2003*	1,106	26,116	24,063	3,649	25,775	17,905	33,560	5,159	22,130	125,908	285,370
2004*	2,021	31,389	17,982	4,766	22,787	9,733	31,913	2,489	25,592	124,653	273,326
2005*	1,654	21,594	14,396	1,741	17,408	7,791	15,397	5,677	29,807	241,526	356,990
2006*	1,748	18,199	19,919	2,768	20,581	8,795	15,889	12,955	35,520	145,458	281,833
2007*	2,328	18,077	14,234	1,823	31,257	11,916	26,716	6,241	55,941	202,359	370,893
2008*	2,157	16,938	12,992	1,834	43,388	10,546	29,760	3,469	28,939	170,875	320,898
2009*	4,225	20,623	12,568	2,539	18,043	5,996	25,944	2,266	26,613	145,310	264,127
2010*	785	15,036	12,277	2,291	16,529	4,227	17,088	2,368	29,170	161,822	261,593
2011*	959	19,453	17,186	1,698	27,157	8,881	19,861	1,284	40,010	191,128	327,618
2012*	2,100	36,293	19,105	1,749	15,563	10,988	13,530	2,383	39,509	271,330	412,550
2013*	2,281	26,320	15,928	2,399	28,037	11,265	35,184	3,614	33,728	173,119	331,873
2014*	4,028	30,929	16,683	1,891	15,179	7,333	24,873	3,936	30,768	208,312	343,931
2015*	1,273	29,520	19,470	1,493	24,377	13,266	20,813	1,902	24,987	83,743	220,843
AVERAGES:											
99-00	1,886	21,608	24,525	2,002	25,712	8,691	28,732	5,228	28,416	204,261	351,060
01-05	1,810	25,228	20,987	3,333	23,775	10,888	27,583	4,595	23,617	167,807	309,624
06-10	2,249	17,775	14,398	2,251	25,960	8,296	23,079	5,460	35,237	165,165	299,869
11-16	2,128	28,503	17,674	1,846	22,063	10,347	22,852	2,624	33,800	185,526	327,363

\* - PRELIMINARY

ESTIMATES OF ALL-SEASON BLUE-WINGED TEAL HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	1,663	23,808	22,167	1,480	14,039	6,919	34,958	2,781	8,534	160,910	277,260
2000	1,371	23,006	13,254	1,300	18,555	8,190	30,109	6,856	11,142	261,640	375,421
2001	1,281	33,981	24,577	241	22,091	3,890	11,815	2,772	10,612	264,616	375,876
2002	827	42,413	21,226	2,221	16,712	4,745	12,191	1,853	3,118	107,963	213,269
2003*	704	37,097	16,844	1,036	20,488	7,418	25,651	2,364	13,998	137,528	263,127
2004*	658	25,205	14,289	1,716	10,666	11,819	25,985	550	3,285	134,264	228,435
2005*	1,255	34,758	14,770	816	19,330	9,395	11,975	705	8,955	133,756	235,715
2006*	1,582	18,199	11,838	1,080	20,212	8,311	24,847	2,985	11,246	184,081	284,381
2007*	1,466	26,097	9,951	1,337	40,795	14,850	26,878	4,008	23,256	198,048	346,687
2008*	588	12,414	12,992	1,258	29,076	9,040	18,960	511	12,190	103,781	200,810
2009*	433	21,404	17,323	697	16,496	3,347	18,819	873	8,763	208,842	296,997
2010*	883	25,205	14,839	1,735	22,371	5,936	20,195	707	7,614	161,590	261,075
2011*	2,055	53,846	28,501	1,031	28,754	9,367	26,693	2,697	7,322	199,125	359,391
2012*	3,220	30,695	14,010	0	16,258	8,291	21,330	846	14,411	237,096	346,157
2013*	4,682	58,271	25,219	1,845	35,340	11,483	48,627	3,614	13,092	201,398	403,569
2014*	1,934	36,831	19,242	1,600	40,477	9,347	47,961	4,553	7,951	241,804	411,700
2015*	796	70,676	27,514	580	44,674	3,317	39,816	607	22,019	180,080	390,079
AVERAGES:											
99-00	1,517	23,407	17,711	1,390	16,297	7,554	32,533	4,818	9,838	211,275	326,341
01-05	945	34,690	18,341	1,206	17,857	7,453	17,523	1,649	7,994	155,625	263,285
06-10	990	20,664	13,389	1,221	25,790	8,297	21,940	1,817	12,614	171,268	277,990
11-15	2,537	50,064	22,897	1,011	33,101	8,361	36,885	2,463	12,959	211,901	382,179

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON PINTAIL HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	998	26,716	12,984	871	5,245	895	5,410	1,091	6,259	69,435	129,904
2000	857	18,645	8,211	325	7,474	2,310	7,453	3,022	5,626	81,975	135,897
2001	641	21,272	12,474	386	6,845	1,839	7,339	2,426	3,752	79,077	136,050
2002	758	17,181	9,312	566	4,224	1,738	4,624	631	2,078	19,590	60,703
2003*	653	17,806	6,149	148	2,974	2,174	4,157	2,063	1,132	18,383	55,641
2004*	705	21,004	4,763	477	3,030	1,275	3,280	711	5,706	22,330	63,280
2005*	685	20,670	5,141	381	3,052	764	3,666	1,113	5,614	37,834	78,919
2006*	333	10,596	4,781	270	1,477	726	2,704	1,706	2,331	41,426	66,350
2007*	345	11,585	5,794	547	4,328	1,778	2,591	973	5,447	54,840	88,229
2008*	588	7,657	3,626	431	4,218	1,781	6,872	876	4,982	41,198	72,229
2009*	1,083	18,840	8,492	747	3,093	2,649	5,664	968	6,599	42,868	91,002
2010*	883	11,250	12,917	417	2,992	630	5,437	2,509	11,153	68,821	117,009
2011*	959	28,635	14,752	546	9,585	2,311	5,243	1,927	16,736	106,893	187,587
2012*	2,380	21,126	11,463	583	1,806	1,299	6,367	2,076	7,448	101,855	156,403
2013*	1,200	24,136	10,087	277	3,652	3,281	12,115	2,248	9,320	64,374	130,690
2014*	1,772	25,263	7,326	388	2,530	1,294	4,847	2,161	7,433	54,595	107,608
2015*	318	23,918	5,210	166	2,148	2,132	6,033	2,225	6,403	36,016	84,569
AVERAGES:											
99-00	927	22,680	10,597	598	6,360	1,603	6,431	2,057	5,942	75,705	132,900
01-05	688	19,587	7,568	391	4,025	1,558	4,613	1,389	3,657	35,443	78,919
06-10	646	11,985	7,122	482	3,222	1,513	4,654	1,406	6,103	49,831	86,964
11-16											

\* - PRELIMINARY

DF 09/16/16

ESTIMATES OF REGULAR-SEASON REDHEAD HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	582	18,719	7,125	871	2,314	1,058	3,468	70	2,731	62,999	99,938
2000	600	9,922	4,926	894	2,448	840	2,832	516	3,530	60,237	86,745
2001	0	13,951	7,287	145	2,022	424	2,864	809	2,037	63,672	93,211
2002	207	5,767	959	523	1,837	611	2,838	118	2,551	14,148	29,557
2003*	302	12,168	3,208	395	2,203	1,151	1,217	344	926	12,487	34,400
2004*	658	7,935	2,236	95	970	463	2,018	97	2,248	18,373	35,093
2005*	399	20,785	3,926	326	3,391	1,528	3,788	408	2,005	40,127	76,684
2006*	1,082	20,069	9,675	68	3,784	2,017	4,226	426	2,469	35,508	79,324
2007*	690	21,387	9,447	365	2,404	2,846	1,619	344	3,562	42,148	84,811
2008*	294	9,629	4,230	72	1,205	2,191	6,784	73	2,438	24,523	51,439
2009*	1,192	32,663	7,020	249	2,578	1,116	2,923	189	3,029	29,018	79,976
2010*	1,373	25,854	5,872	208	2,137	450	4,013	565	5,148	44,176	89,796
2011*	1,233	24,277	4,010	182	3,355	487	2,542	257	6,930	79,703	122,976
2012*	2,240	23,834	5,307	291	1,667	1,398	2,706	231	6,315	93,367	137,357
2013*	2,881	27,699	7,566	185	3,130	2,406	7,468	402	7,545	75,179	134,459
2014*	2,095	39,783	7,679	242	2,043	1,726	4,975	232	7,951	97,767	164,492
2015*	318	27,150	6,490	83	859	3,080	4,675	0	3,279	64,630	110,565
AVERAGES:											
99-00	591	14,321	6,026	882	2,381	949	3,150	293	3,130	61,618	93,342
01-05	313	12,121	3,523	297	2,085	835	2,545	355	1,953	29,761	53,789
06-10	926	21,920	7,249	192	2,422	1,724	3,913	319	3,329	35,075	77,069
11-15	1,753	28,549	6,210	197	2,211	1,819	4,473	224	6,404	82,129	133,970

\* - PRELIMINARY

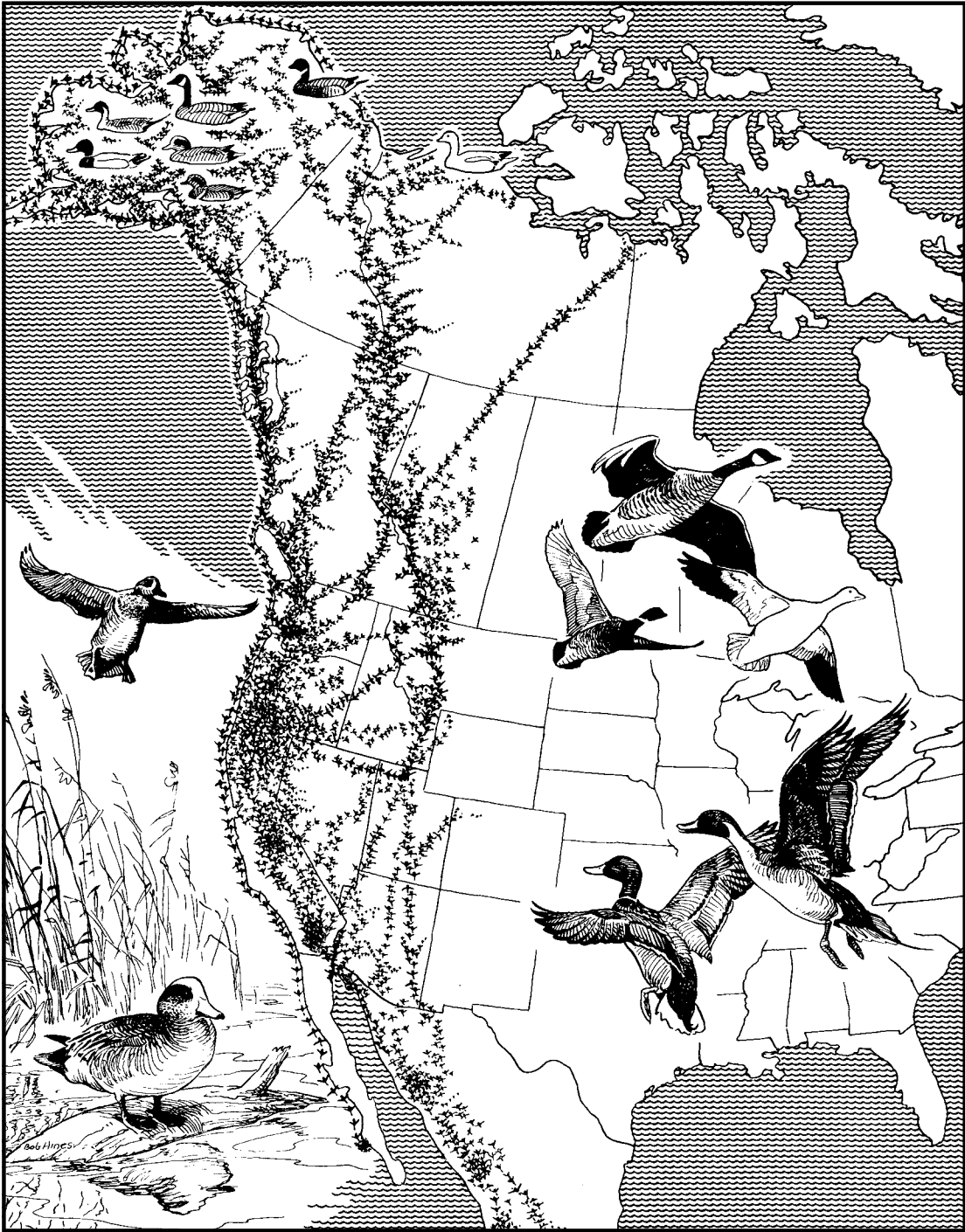
ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1999	582	7,633	1,742	87	926	81	832	106	1,366	20,284	33,639
2000	171	4,906	1,642	0	0	140	149	74	1,544	18,333	26,960
2001	160	4,973	371	96	311	141	537	0	214	7,189	13,993
2002	0	120	0	0	0	0	0	0	0	1,088	1,208
2003*	151	2,671	936	0	551	128	101	43	823	2,601	8,005
2004*	0	4,784	583	0	0	0	252	65	346	2,827	8,857
2005*	114	7,621	561	0	452	229	489	37	1,470	6,497	17,470
2006*	166	8,227	2,049	68	831	0	338	160	274	5,918	18,031
2007*	0	6,111	630	0	240	267	324	229	1,467	5,987	15,254
2008*	98	4,640	1,309	36	452	822	480	37	1,908	6,082	15,864
2009*	217	8,361	679	348	0	279	731	71	1,947	4,617	17,250
2010*	589	7,248	2,242	0	570	180	388	35	1,716	11,858	24,825
2011*	822	8,092	1,575	243	1,597	730	2,860	214	4,315	21,592	42,041
2012*	980	8,306	637	0	973	300	637	77	2,429	12,449	26,786
2013*	480	7,471	1,062	0	0	109	1,494	161	3,107	18,163	32,045
2014*	967	9,798	1,854	0	389	288	1,148	309	2,247	18,005	35,004
2015*	636	10,235	1,463	0	107	474	452	121	1,249	6,960	21,699
AVERAGES:											
99-00	377	6,270	1,692	44	463	111	491	90	1,455	19,309	30,300
01-05	85	4,034	490	19	263	100	276	29	571	4,040	9,907
06-10	214	6,917	1,382	90	419	310	452	106	1,462	6,892	18,245
11-15	777	8,780	1,318	49	613	380	1,318	176	2,669	15,434	31,515

\* - PRELIMINARY

DF 09/16/16

# PACIFIC FLYWAY



DUCK STAMP SALES IN THE PACIFIC FLYWAY <sup>1</sup>

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1961	63,374	42,446	25,295	7,960		123,302	5,427	19,086		7,288		10,157	304,335
1962	62,091	39,102	22,389	7,085	1,330	125,199	7,983	21,907	2,298	6,040	496	10,371	306,291
1963	66,335	43,981	23,669	8,151	1,348	136,833	8,749	25,114	2,860	7,418	669	10,456	335,583
1964	64,262	43,741	25,266	7,813	1,435	135,419	9,639	25,621	2,822	8,432	669	9,244	334,363
1965	65,534	44,558	24,217	18,307	1,354	141,664	10,673	25,488	2,606	7,859	796	9,406	352,462
1966	69,235	48,884	27,400	21,156	1,430	153,308	11,928	32,877	3,605	8,773	955	10,640	390,191
1967	70,974	48,332	28,595	19,715	1,467	153,053	12,713	32,128	3,238	10,281	868	10,358	391,722
1968	72,290	48,261	29,350	19,349	1,576	162,622	12,491	33,864	3,362	10,196	847	12,411	406,619
1969	80,565	55,122	30,929	19,912	1,554	175,628	13,220	33,928	3,584	12,745	833	13,281	441,301
1970	84,112	61,343	31,768	20,600	1,635	188,861	14,361	35,946	3,913	14,199	807	12,936	470,481
1971	77,067	58,730	33,640	19,896	1,781	173,474	15,029	37,588	4,514	15,465	962	14,423	452,569
1972	69,743	52,203	31,378	19,674	1,744	152,409	12,701	33,042	3,812	11,952	928	14,918	404,504
1973	72,502	50,986	32,810	19,013	1,715	144,582	13,732	35,665	4,167	11,059	925	17,068	404,224
1974	70,353	51,290	34,377	19,892	2,053	149,548	11,714	38,575	4,562	13,474	1,022	16,018	412,878
1975	72,189	55,569	35,589	20,991	2,152	143,289	13,856	39,652	4,633	11,924	1,020	16,310	417,174
1976	68,573	53,108	35,158	21,366	2,378	135,268	13,146	40,658	5,024	12,642	1,019	18,455	406,795
1977	70,261	56,224	35,484	21,966	2,479	128,280	11,145	40,319	5,423	10,566	1,048	19,253	402,448
1978	69,210	54,847	38,051	21,813	2,700	126,091	12,154	38,091	5,598	11,735	1,012	19,689	400,991
1979	69,668	55,079	34,503	20,620	2,725	121,027	11,370	35,255	6,397	11,211	995	19,046	387,896
1980	70,388	54,814	35,055	19,688	2,830	114,825	11,705	34,369	6,489	11,580	947	20,110	382,800
1981	66,783	48,809	33,459	13,617	2,285	108,367	10,496	32,135	6,499	9,166	839	15,814	348,269
1982	62,470	47,981	33,671	16,642	2,806	109,654	11,969	35,250	7,174	11,711	1,011	18,000	358,339
1983	61,832	47,904	34,397	16,987	2,981	110,546	12,925	33,622	6,617	10,800	1,029	18,388	358,028
1984	60,894	40,635	33,638	17,353	2,935	107,736	12,950	31,893	6,506	10,877	1,044	18,475	344,936
1985	52,881	35,256	31,012	16,330	2,920	101,442	12,421	30,627	6,259	10,250	1,114	15,592	316,104
1986	43,181	34,813	27,922	13,432	2,792	95,541	11,749	25,033	6,767	10,607	1,098	19,424	292,359
1987	39,770	30,111	19,832	12,091	2,563	91,785	9,907	20,112	5,964	8,688	861	14,274	255,958
1988	35,826	27,394	16,597	8,381	2,087	75,715	7,564	16,335	5,282	6,795	665	14,973	217,614
1989	36,249	25,431	16,733	7,496	1,800	79,901	6,703	15,144	5,195	6,521	525	12,945	214,643
1990	35,448	27,656	17,036	9,719	1,677	70,353	6,647	16,215	4,362	6,220	676	13,872	209,881
1991	33,475	25,039	17,151	8,151	1,550	68,342	6,034	15,110	3,962	5,390	688	12,508	197,400
1992	33,683	23,354	17,717	9,758	1,501	67,498	6,303	14,793	4,512	6,087	538	11,041	196,785
1993	33,620	31,748	21,761	10,411	1,436	76,962	7,245	16,619	4,603	5,469	821	11,214	221,909
1994	36,127	25,632	21,229	10,456	1,678	74,711	7,704	18,740	4,952	7,099	768	11,340	220,436
1995	35,599	28,979	22,275	11,924	1,644	83,872	8,347	21,714	5,694	4,959	974	12,035	238,016
1996	37,106	30,975	24,066	12,084	1,566	76,466	7,702	23,641	5,867	6,014	804	12,856	239,147
1997	38,584	33,036	25,939	13,335	1,624	77,255	7,874	26,456	6,607	6,745	870	13,114	251,439
1998	38,260	33,026	26,195	27,018	**	71,142	8,331	29,145	**	6,903	**	11,580	251,600
1999	42,172	31,670	26,709	22,478	**	79,981	8,880	29,302	**	7,200	**	9,784	258,176
2000	41,251	30,826	28,206	20,767	**	79,912	8,000	29,401	**	7,071	**	10,134	255,568
2001	40,277	29,326	26,173	21,994	**	77,541	7,293	28,051	**	6,217	**	10,068	246,940
2002	38,287	27,789	24,937	21,148	**	71,955	6,914	27,568	**	5,574	**	10,173	234,345
2003	37,184	26,759	24,878	21,711	**	71,677	6,896	26,222	**	6,177	**	9,978	231,482
2004	34,100	25,797	24,320	21,016	**	73,303	5,991	26,800	**	4,969	**	9,692	225,988
2005	33,797	26,253	23,724	20,051	**	72,148	6,574	26,038	**	5,275	**	9,263	223,123
2006	28,732	23,594	24,318	16,379	**	67,257	6,307	26,706	**	5,185	**	8,598	207,075
2007	29,336	24,352	24,812	16,119	**	66,839	5,718	28,888	**	5,018	**	9,020	210,103
2008	29,664	22,234	22,934	17,435	**	65,120	5,995	24,575	**	4,860	**	8,997	201,814

AVERAGES:

61-65	64,319	42,766	24,167	9,863	1,367	132,483	8,494	23,443	2,647	7,407	658	9,927	326,607
66-70	75,435	52,388	29,608	20,146	1,532	166,694	12,943	33,749	3,540	11,239	862	11,925	420,063
71-75	72,371	53,756	33,559	19,893	1,889	152,660	13,406	36,904	4,338	12,775	971	15,747	418,270
76-80	69,620	54,814	35,650	21,091	2,622	125,098	11,904	37,738	5,786	11,547	1,004	19,311	396,186
81-85	60,972	44,117	33,235	16,186	2,785	107,549	12,152	32,705	6,611	10,561	1,007	17,254	345,135
86-90	38,095	29,081	19,624	10,224	2,184	82,659	8,514	18,568	5,514	7,766	765	15,098	238,091
91-95	34,501	26,950	20,027	10,140	1,562	74,277	7,127	17,395	4,745	5,801	758	11,628	214,909
96-00	39,475	31,907	26,223	19,136	1,595	76,951	8,157	27,589	6,237	6,787	837	11,494	251,186
01-05	36,729	27,185	24,806	21,184	0	73,325	6,734	26,936	0	5,642	0	9,835	232,376
06-08	29,244	23,393	24,021	16,644	0	66,405	6,007	26,723	0	5,021	0	8,872	206,331

<sup>1</sup> 1998 thereafter; duck stamp sales are not proportioned between the Central and Pacific Flyways. WY, CO, and NM are counted within the CF.

ESTIMATES OF ALL-DUCK HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	641,600	427,497	251,499	78,309	19,329	1,214,501	88,499	252,801	20,024	53,102	2,745	77,401	3,127,307
2000	568,202	423,799	235,000	100,483	10,886	953,001	47,399	209,000	23,450	57,600	4,718	77,799	2,711,337
2001	430,699	313,501	141,797	85,777	6,410	1,067,003	36,704	170,299	16,197	39,399	6,817	77,597	2,392,200
2002	389,502	357,701	191,798	92,567	2,614	826,596	44,898	172,602	16,256	33,899	7,963	74,100	2,210,496
2003*	350,799	276,199	262,900	87,107	3,896	1,013,096	50,202	325,600	17,010	40,699	5,675	71,201	2,504,384
2004*	353,298	256,802	188,500	78,076	3,144	1,480,700	37,101	198,700	25,028	34,101	2,100	63,001	2,720,551
2005*	396,199	357,601	258,300	78,901	9,954	1,327,194	49,600	269,899	24,519	51,899	5,082	74,501	2,903,649
2006*	496,399	630,602	278,002	83,493	14,113	1,480,799	55,402	310,400	17,347	45,701	2,505	65,198	3,479,961
2007*	452,598	684,200	229,023	86,056	12,947	1,632,974	43,800	230,602	20,009	48,200	10,253	67,902	3,518,564
2008*	399,198	644,402	257,702	81,465	6,544	1,634,101	29,900	186,597	10,821	28,899	7,525	68,298	3,355,452
2009*	380,799	361,000	228,301	62,393	11,797	1,441,198	41,002	187,098	41,693	37,098	5,498	64,201	2,862,080
2010*	287,626	419,137	156,572	70,720	10,829	1,734,103	48,228	249,088	25,725	38,500	2,297	91,744	3,134,567
2011*	522,578	480,299	209,474	66,720	4,490	1,489,122	63,778	312,501	40,998	38,337	514	60,139	3,288,945
2012*	490,900	389,244	277,734	80,082	8,355	1,587,482	50,967	274,505	10,690	51,030	3,691	64,510	3,289,189
2013*	296,124	276,490	320,367	80,305	6,642	1,062,362	38,319	184,346	23,402	68,227	5,782	66,720	2,429,089
2014*	396,509	345,297	251,903	134,222	13,231	1,024,925	30,282	209,473	13,663	25,624	10,265	63,410	2,455,398
2015*	445,145	239,063	173,674	147,345	12,104	1,266,282	27,158	192,979	19,899	21,603	1,415	27,638	2,574,318
AVERAGES:													
99-00	604,901	425,648	243,250	89,396	15,108	1,083,751	67,949	230,901	21,737	55,351	3,732	77,600	2,919,322
01-05	384,099	312,361	208,659	84,486	5,204	1,142,918	43,701	227,420	19,802	39,999	5,527	72,080	2,546,256
06-10	403,324	547,868	229,920	76,825	11,246	1,584,635	43,666	232,757	23,119	39,680	5,616	71,469	3,270,125
11-15	430,251	346,079	246,630	101,735	8,964	1,286,035	42,101	234,761	21,730	40,964	4,333	54,483	2,807,388

\* - Preliminary

ESTIMATES OF MALLARD HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	371,461	203,013	187,001	59,605	13,408	328,165	29,209	71,979	15,221	14,513	1,514	23,385	1,318,474
2000	332,374	202,972	170,973	77,952	8,043	309,475	15,254	66,000	15,400	17,224	2,727	19,085	1,237,479
2001	256,081	145,060	106,695	67,677	4,338	307,911	13,126	72,777	12,801	13,811	3,581	27,711	1,031,569
2002	229,310	180,239	131,631	54,865	1,176	191,277	18,693	55,830	11,510	8,732	3,982	19,541	906,787
2003*	189,704	121,104	195,916	68,559	3,255	288,094	17,771	123,368	11,766	10,697	3,224	24,824	1,058,281
2004*	178,118	89,792	122,102	55,467	2,764	359,723	12,367	67,935	17,728	11,295	1,390	21,479	940,160
2005*	212,209	142,771	172,669	58,877	5,548	349,758	12,639	85,014	17,263	14,905	3,154	30,288	1,105,095
2006*	269,881	261,381	167,536	58,772	5,806	349,054	22,099	96,987	10,328	6,318	1,386	22,616	1,272,166
2007*	235,351	271,041	155,506	55,273	7,050	270,300	12,936	72,160	12,627	10,260	4,982	20,039	1,127,524
2008*	219,726	265,271	179,397	58,135	4,674	255,956	10,748	58,177	8,492	6,396	2,995	22,126	1,092,093
2009*	166,231	147,480	146,716	42,463	6,570	262,442	14,914	69,379	29,423	9,288	1,959	21,078	917,944
2010*	128,805	161,862	104,223	53,556	7,775	331,987	10,088	76,285	18,888	12,152	1,343	32,534	939,498
2011*	247,483	189,305	112,066	48,499	2,487	308,051	20,760	92,926	29,440	8,006	257	20,338	1,079,618
2012*	226,227	132,638	182,047	51,802	3,304	243,467	11,828	74,489	7,991	11,533	1,614	17,148	964,088
2013*	123,569	103,953	212,538	53,058	4,613	127,977	10,499	52,713	10,390	13,720	2,329	17,125	732,483
2014*	186,951	136,459	169,105	90,878	8,580	106,370	12,841	51,366	9,203	6,672	6,792	18,232	785,215
2015*	219,729	105,464	116,831	116,317	8,251	119,301	9,390	55,488	11,371	3,416	607	6,990	773,155
AVERAGES:													
99-00	351,918	202,992	178,987	68,779	10,725	318,820	22,232	68,989	15,310	15,868	2,121	21,235	1,277,976
01-05	213,084	135,793	145,803	61,089	3,416	299,353	14,919	80,985	14,214	11,888	3,066	24,769	1,008,378
06-10	203,999	221,407	150,676	53,640	6,375	293,948	14,157	74,598	15,952	8,883	2,533	23,679	1,069,845
11-15	200,792	133,564	158,517	72,111	5,447	181,033	13,064	65,396	13,679	8,669	2,320	15,967	866,912

\* - Preliminary

ESTIMATES OF WIGEON HARVESTS IN THE PACIFIC FLYWAY\* (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	105,879	63,076	17,824	4,073	1,306	167,344	2,211	14,768	1,384	4,725	528	17,699	400,817
2000	69,889	49,330	18,406	5,054	1,300	111,908	3,490	17,818	1,610	6,668	811	15,645	301,929
2001	67,258	48,974	12,784	6,087	578	149,407	2,042	13,146	919	4,925	1,502	16,960	324,582
2002	62,470	55,894	18,374	7,789	610	114,055	3,891	13,775	1,644	4,674	1,419	14,312	298,907
2003**	64,483	38,970	20,150	4,574	197	112,804	3,784	21,179	1,151	6,648	903	9,554	284,397
2004**	62,841	36,833	18,860	5,923	0	196,846	2,501	16,740	1,970	3,854	129	8,559	355,056
2005**	57,771	51,182	29,352	2,967	435	176,871	2,834	21,443	1,986	2,981	779	7,622	356,223
2006**	81,033	108,356	40,465	3,580	1,890	166,216	3,093	29,675	888	5,626	267	12,442	453,531
2007**	75,094	119,663	24,793	7,157	608	219,627	3,278	20,174	800	3,225	1,031	13,666	489,116
2008**	68,154	123,738	23,773	5,490	467	272,418	2,931	16,678	411	3,669	1,169	9,901	528,799
2009**	77,385	59,618	21,357	5,741	597	195,302	4,133	15,618	2,649	3,253	614	10,572	396,841
2010**	61,110	61,622	13,821	3,335	486	226,172	3,384	22,258	450	2,688	530	17,553	413,408
2011**	87,347	73,015	31,088	3,014	546	169,831	3,979	24,730	1,460	2,524	171	10,778	408,483
2012**	77,070	59,449	24,456	3,360	874	194,725	3,123	30,249	300	5,953	923	11,505	411,987
2013**	62,240	44,141	21,716	4,081	369	153,025	2,505	17,470	3,281	7,490	1,927	11,098	329,346
2014**	76,008	51,874	17,150	4,995	679	162,263	1,191	23,553	719	3,108	695	9,115	342,236
2015*	88,722	36,778	13,086	5,728	912	221,438	2,119	20,025	1,184	3,074	364	3,617	397,049
AVERAGES:													
99-00	87,884	56,203	18,115	4,564	1,303	139,626	2,851	16,293	1,497	5,697	670	16,672	351,373
01-05	62,965	46,371	19,904	5,468	364	149,997	3,010	17,257	1,534	4,616	946	11,401	323,833
06-10	72,555	94,599	24,842	5,061	810	215,947	3,364	20,881	1,040	3,692	722	12,827	456,339
11-15	78,277	53,051	21,499	4,236	676	180,256	2,583	23,205	1,389	4,430	816	9,223	377,820

\* - Estimates include American Wigeon and Eurasian Wigeon.

\*\* - Preliminary

DF 09/16/16



ESTIMATES OF GREEN-WINGED TEAL HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	55,293	45,751	18,579	2,411	1,393	285,180	27,289	66,181	1,872	11,925	458	13,375	529,706
2000	63,161	55,111	14,393	3,255	325	192,079	15,556	53,818	2,240	7,779	369	10,239	418,324
2001	27,694	30,012	8,292	2,563	530	203,886	10,395	31,018	566	9,101	462	10,287	334,806
2002	31,720	41,513	11,070	5,376	348	203,453	5,948	32,174	1,034	5,958	1,380	7,500	339,974
2003*	28,085	37,689	15,248	2,362	148	218,097	7,425	38,980	2,558	7,884	516	9,632	368,625
2004*	29,113	41,155	14,485	4,607	95	348,748	5,743	28,825	1,506	4,871	97	7,994	487,240
2005*	40,993	61,091	17,867	4,621	653	297,573	10,265	51,836	2,215	10,777	445	10,631	508,967
2006*	39,339	79,114	16,712	3,746	540	331,324	8,778	59,454	2,824	12,637	213	7,974	562,655
2007*	41,842	96,743	13,573	4,484	1,216	402,894	8,742	39,649	2,401	10,050	1,031	8,457	631,082
2008*	35,583	101,449	13,111	3,333	324	468,551	4,103	33,158	548	4,479	767	9,396	674,802
2009*	32,111	49,322	13,266	3,900	1,045	387,457	7,988	29,430	976	5,300	519	7,766	539,080
2010*	30,339	56,572	10,791	5,199	833	394,940	6,248	28,531	1,079	5,726	0	8,928	549,187
2011*	57,395	55,207	11,991	3,836	667	311,978	6,170	48,961	1,946	6,004	0	3,655	507,811
2012*	55,355	48,852	12,075	6,160	1,457	371,171	9,370	38,111	799	9,053	0	7,489	559,893
2013*	30,208	34,651	16,973	4,321	185	258,838	7,621	38,958	2,625	15,351	80	8,152	417,964
2014*	34,817	40,713	10,237	7,734	1,212	240,591	4,104	30,193	575	4,473	386	5,840	375,036
2015*	34,636	29,171	8,270	5,569	995	327,484	3,467	33,338	1,184	4,611	0	3,292	452,018
AVERAGES:													
99-00	59,227	50,431	16,486	2,833	859	238,630	21,422	60,000	2,056	9,852	413	11,807	474,015
01-05	31,521	42,292	13,393	3,906	355	254,352	7,955	36,567	1,576	7,718	580	9,209	407,923
06-10	35,843	76,640	13,491	4,132	792	397,033	7,172	38,044	1,566	7,638	506	8,504	591,361
11-15	42,482	41,719	11,909	5,524	903	302,012	6,146	37,912	1,426	7,898	93	5,686	462,544

\* - Preliminary

ESTIMATES OF NORTHERN SHOVELER HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	7,206	17,568	2,719	1,995	174	109,495	5,237	43,209	0	2,475	35	2,723	192,836
2000	10,714	14,002	2,617	600	0	83,274	1,896	11,909	0	3,149	74	3,522	131,756
2001	5,934	14,308	1,244	481	145	113,562	2,758	6,358	0	1,285	0	2,502	148,577
2002	8,449	10,354	3,163	1,654	87	88,180	3,488	18,837	47	1,900	0	3,991	140,151
2003*	7,939	10,098	2,859	804	0	96,230	6,946	28,431	0	2,429	129	1,879	157,744
2004*	10,739	14,643	2,625	1,457	95	147,722	4,400	19,667	348	2,248	32	2,180	206,157
2005*	12,679	15,874	4,339	1,369	326	128,802	4,366	14,943	0	2,675	37	4,513	189,925
2006*	9,222	30,139	2,733	1,415	473	224,576	6,577	19,335	0	4,155	53	2,681	301,358
2007*	15,610	32,114	3,766	2,501	608	275,265	5,818	24,907	0	6,910	401	1,532	369,431
2008*	6,611	17,795	1,838	588	72	209,583	3,126	15,696	0	2,175	183	1,515	259,182
2009*	9,758	12,104	1,990	108	0	157,710	3,296	11,050	0	2,624	94	3,850	202,584
2010*	6,694	18,515	947	687	69	220,814	10,219	24,889	180	3,564	0	3,178	289,755
2011*	12,215	21,637	2,665	2,055	243	253,862	11,764	17,486	608	9,572	0	2,624	334,732
2012*	14,951	20,026	7,490	980	194	291,478	11,230	18,656	200	6,139	0	2,388	373,731
2013*	9,575	18,466	5,366	2,041	92	197,355	7,035	11,748	437	7,713	0	5,275	265,103
2014*	15,107	17,830	3,324	1,289	145	155,134	2,118	28,189	0	2,502	154	2,778	225,792
2015*	15,843	9,523	1,884	1,750	41	232,994	3,467	13,201	237	1,665	0	732	281,339
AVERAGES:													
99-00	8,960	15,785	2,668	1,297	87	96,385	3,566	27,559	0	2,812	54	3,123	162,296
01-05	9,148	13,055	2,846	1,153	131	114,899	4,392	17,647	79	2,108	40	3,013	168,511
06-10	9,579	22,133	2,255	1,060	244	217,590	5,807	19,175	45	3,885	146	2,551	284,462
11-15	13,538	17,496	4,146	1,623	143	226,165	7,123	17,856	296	5,518	31	2,759	296,139

\* - Preliminary

ESTIMATES OF PINTAIL HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	34,705	27,085	6,193	914	697	120,509	6,575	21,112	163	1,800	0	10,652	230,404
2000	40,612	30,446	6,019	1,285	325	82,200	3,318	19,091	210	2,408	0	17,119	203,033
2001	16,455	18,496	2,764	961	289	91,201	2,387	12,888	71	2,355	347	11,585	159,798
2002	13,436	18,024	3,238	2,964	44	67,885	2,102	10,222	94	565	394	11,215	130,183
2003*	11,009	15,716	5,854	1,206	49	79,297	1,820	18,789	0	1,151	43	9,084	144,019
2004*	9,313	16,643	3,403	1,128	0	98,771	834	10,209	116	535	32	6,056	147,400
2005*	21,450	27,900	6,509	1,483	109	115,667	3,370	23,385	229	2,599	37	5,767	208,495
2006*	21,092	47,540	5,781	1,998	135	123,246	2,619	26,883	161	2,337	0	7,630	239,424
2007*	24,939	57,433	4,551	2,069	365	137,851	2,983	19,010	178	2,554	344	7,170	259,447
2008*	24,792	57,877	4,656	2,157	36	169,433	1,319	15,108	0	1,299	219	7,779	284,675
2009*	34,835	39,653	5,174	1,625	149	177,118	2,123	16,893	558	577	94	7,178	285,976
2010*	22,781	59,658	4,828	1,373	0	242,628	3,515	21,044	0	1,986	0	10,139	367,952
2011*	48,526	73,995	3,849	685	61	201,637	4,613	48,711	365	1,218	0	7,873	391,533
2012*	36,666	59,449	7,948	1,540	0	201,061	3,256	35,046	100	1,736	77	10,962	357,842
2013*	24,395	37,299	7,114	1,440	92	130,558	2,238	15,161	109	3,041	0	9,727	231,175
2014*	34,581	42,679	3,191	2,095	291	115,685	927	23,553	144	1,668	232	5,484	225,044
2015*	33,653	25,504	3,664	2,228	83	161,448	385	18,459	0	982	40	2,926	249,372
AVERAGES:													
99-00	37,659	28,765	6,106	1,100	511	101,355	4,946	20,102	186	2,104	0	13,885	216,719
01-05	14,332	19,356	4,354	1,549	98	90,562	2,103	15,099	102	1,441	171	8,741	157,907
06-10	25,688	52,432	4,998	1,844	137	170,055	2,512	19,788	179	1,751	131	7,979	287,495
11-15	35,564	47,785	5,153	1,598	105	162,078	2,284	28,186	144	1,729	70	7,394	290,993

\* - Preliminary

DF 09/16/16

ESTIMATES OF REDHEAD HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	1,618	2,074	453	582	0	4,919	1,338	4,047	0	1,800	0	0	16,831
2000	1,744	2,569	1,134	514	0	4,056	431	2,818	70	1,482	0	164	14,982
2001	4,496	116	138	400	0	4,385	106	2,062	0	0	0	0	11,704
2002	1,385	383	678	1,241	0	4,160	402	1,947	0	514	0	206	10,916
2003*	1,797	213	2,451	1,056	49	8,228	719	7,911	0	341	0	157	22,922
2004*	3,104	0	2,042	376	0	9,581	1,204	4,804	116	910	0	81	22,218
2005*	2,097	577	1,021	856	0	7,834	1,800	5,910	153	382	0	251	20,881
2006*	2,256	1,615	1,261	749	405	9,111	1,338	7,755	161	1,645	53	0	26,349
2007*	1,478	400	863	517	304	9,492	354	4,190	178	838	344	0	18,957
2008*	2,333	333	2,451	490	0	7,026	440	3,434	0	876	292	101	17,776
2009*	3,291	209	929	325	50	6,644	559	4,781	279	525	260	0	17,850
2010*	2,051	281	1,799	392	0	7,654	2,473	5,261	90	1,110	35	0	21,146
2011*	1,673	890	4,441	959	0	14,333	2,768	7,244	0	827	0	187	33,322
2012*	1,780	629	3,210	980	583	14,623	1,130	5,863	0	806	231	0	29,834
2013*	2,850	0	2,496	360	461	7,742	640	2,510	219	964	0	0	18,242
2014*	2,124	491	3,589	967	194	3,897	265	3,508	1,007	682	154	0	16,879
2015*	546	55	2,198	796	41	4,419	193	2,461	474	299	0	0	11,482
AVERAGES:													
99-00	1,681	2,322	794	548	0	4,488	885	3,433	35	1,641	0	82	15,907
01-05	2,576	258	1,266	786	10	6,838	846	4,527	54	429	0	139	17,728
06-10	2,282	567	1,461	495	152	7,985	1,033	5,084	142	999	197	20	20,416
11-15	1,795	413	3,187	812	256	9,003	999	4,317	340	716	77	37	21,952

\* - Preliminary

ESTIMATES OF CANVASBACK HARVESTS IN THE PACIFIC FLYWAY (HARVEST INFORMATION PROGRAM)

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1999	2,059	2,318	0	499	0	12,725	989	1,313	0	225	0	0	20,127
2000	997	3,083	349	514	81	10,618	215	3,000	0	926	0	246	20,029
2001	809	582	0	80	0	6,687	80	1,031	0	214	0	0	9,482
2002	69	96	0	69	0	609	0	0	0	0	0	344	1,187
2003*	824	498	408	302	0	7,035	335	1,566	0	256	0	157	11,380
2004*	1,342	323	194	235	0	11,497	324	976	0	54	0	81	15,026
2005*	858	289	255	628	54	4,780	460	1,520	76	459	0	351	9,729
2006*	1,864	1,794	631	749	68	17,483	307	3,516	161	346	0	69	26,987
2007*	2,032	2,932	157	517	122	32,564	1,447	4,733	0	1,256	344	429	46,533
2008*	0	166	0	0	36	602	0	0	0	0	0	202	1,006
2009*	4,766	835	0	0	0	9,791	279	1,806	0	315	0	131	17,923
2010*	1,512	748	95	98	0	17,604	1,497	3,440	0	175	0	0	25,168
2011*	1,004	1,692	1,184	274	0	15,903	980	3,497	0	392	0	187	25,113
2012*	2,492	1,796	611	280	0	23,396	665	3,331	0	1,798	0	109	34,479
2013*	2,622	2,060	749	240	0	30,059	320	1,908	0	222	0	274	38,453
2014*	1,534	1,474	133	645	0	15,589	132	4,260	0	303	0	0	24,071
2015*	1,202	1,423	523	318	0	25,322	193	2,461	0	470	0	0	31,912
AVERAGES:													
99-00	1,528	2,701	174	506	41	11,671	602	2,156	0	576	0	123	20,078
01-05	781	357	172	263	11	6,122	240	1,018	15	196	0	186	9,361
06-10	2,035	1,295	177	273	45	15,609	706	2,699	32	419	69	166	23,523
11-15	1,771	1,689	640	351	0	22,054	458	3,091	0	637	0	114	30,806

\* - Preliminary

DF 09/16/16

DUCK STAMP SALES IN THE UNITED STATES

YEAR	AF	MF	CF	P F			US TOTAL
				LWR STS	AK	TOTAL	
1961	232,578	527,145	271,865	294,178	10,157	304,335	1,335,923
1962	236,311	411,981	185,633	295,920	10,371	306,291	1,140,216
1963	270,382	571,667	262,470	325,127	10,456	335,583	1,440,102
1964	284,756	663,791	280,810	325,119	9,244	334,363	1,563,720
1965	301,088	636,470	260,027	343,056	9,406	352,462	1,550,047
1966	336,472	758,768	311,216	379,551	10,640	390,191	1,796,647
1967	360,937	813,797	360,157	381,364	10,358	391,722	1,926,613
1968	384,762	711,745	323,885	394,208	12,411	406,619	1,827,011
1969	438,372	810,588	373,751	428,020	13,281	441,301	2,064,012
1970	496,387	1,005,265	437,120	457,545	12,936	470,481	2,409,253
1971	501,289	1,003,218	454,635	438,146	14,423	452,569	2,411,711
1972	438,264	892,774	425,003	389,586	14,918	404,504	2,160,545
1973	434,851	826,911	412,320	387,156	17,068	404,224	2,078,306
1974	448,849	892,017	426,135	396,860	16,018	412,878	2,179,879
1975	441,838	916,734	430,618	400,864	16,310	417,174	2,206,364
1976	435,933	854,924	429,661	388,340	18,455	406,795	2,127,313
1977	434,558	872,064	423,871	383,195	19,253	402,448	2,132,941
1978	451,321	848,856	430,590	381,302	19,689	400,991	2,131,758
1979	416,574	808,051	414,970	368,850	19,046	387,896	2,027,491
1980	409,281	787,236	388,865	362,690	20,110	382,800	1,968,182
1981	407,905	724,334	339,358	332,455	15,814	348,269	1,819,866
1982	402,927	709,923	358,908	340,339	18,000	358,339	1,830,097
1983	390,894	686,016	338,735	339,640	18,388	358,028	1,773,673
1984	412,865	703,159	354,306	326,461	18,475	344,936	1,815,266
1985	382,422	651,194	329,010	300,512	15,592	316,104	1,678,730
1986	387,974	673,764	335,076	272,935	19,424	292,359	1,689,173
1987	385,660	623,596	302,909	241,684	14,274	255,958	1,568,123
1988	342,527	508,198	240,976	202,641	14,973	217,614	1,309,315
1989	331,345	534,007	246,745	201,698	12,945	214,643	1,326,740
1990	326,404	557,549	238,921	196,009	13,872	209,881	1,332,755
1991	316,468	550,688	232,259	184,892	12,508	197,400	1,296,815
1992	300,332	554,396	234,489	185,744	11,041	196,785	1,286,002
1993	292,600	570,538	248,347	210,695	11,214	221,909	1,333,394
1994	296,841	635,327	264,170	209,096	11,340	220,436	1,416,774
1995	271,439	684,671	295,505	225,982	12,035	238,017	1,489,632
1996	291,829	695,871	298,751	226,292	12,856	239,148	1,525,599
1997	305,696	752,280	338,937	238,326	13,114	251,440	1,648,353
1998	296,090	735,443	327,126	251,600	11,580	263,180	1,621,839
1999	298,611	746,682	335,584	248,392	9,784	258,176	1,639,053
2000	305,793	745,776	347,691	245,434	10,134	255,568	1,654,828
2001	308,748	734,300	351,433	236,872	10,068	246,940	1,641,421
2002	310,110	706,776	325,314	224,172	10,173	234,345	1,576,545
2003	313,038	695,242	322,383	221,504	9,978	231,482	1,562,145
2004	308,884	667,124	301,520	216,296	9,692	225,988	1,503,516
2005	306,614	625,376	291,278	213,860	9,263	223,123	1,446,391
2006	274,098	603,805	275,579	198,478	8,598	207,075	1,360,557
2007	282,485	602,641	278,284	201,083	9,020	210,103	1,373,514
2008	265,489	599,958	285,329	192,817	8,997	201,814	1,352,590
AVERAGES:							
61-65	265,023	562,211	252,161	316,680	9,927	326,607	1,406,002
66-70	403,386	820,033	361,226	408,138	11,925	420,063	2,004,707
71-75	453,018	906,331	429,742	402,522	15,747	418,270	2,207,361
76-80	429,533	834,226	417,591	376,875	19,311	396,186	2,077,537
81-85	399,403	694,925	344,063	327,881	17,254	345,135	1,783,526
86-90	354,782	579,423	272,925	222,993	15,098	238,091	1,445,221
91-95	295,536	599,124	254,954	203,282	11,628	214,909	1,364,523
96-00	299,604	735,210	329,618	242,009	11,494	253,502	1,617,934
01-05	309,479	685,764	318,386	222,541	9,835	232,376	1,546,004
06-08	274,024	602,135	279,731	197,459	8,872	206,331	1,362,220

<sup>1</sup> 1998 thereafter; duck stamp sales are not proportioned between the Central and Pacific Flyways. WY, CO, and NM are counted

ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE UNITED STATES  
(HARVEST INFORMATION PROGRAM)

YEAR	AF	MF	CF	P F		TOTAL	US TOTAL
				LWR STS	AK		
1999	1,828,974	7,599,866	2,895,518	3,049,905	77,401	3,127,306	15,451,664
2000	1,791,877	7,610,590	3,035,886	2,633,533	77,799	2,711,332	15,149,685
2001	1,694,218	6,410,705	3,007,314	2,314,596	77,597	2,392,193	13,504,430
2002	1,760,084	5,681,073	2,518,456	2,136,400	74,100	2,210,500	12,170,113
2003*	1,608,124	6,171,916	2,329,509	2,433,182	71,201	2,504,383	12,613,932
2004*	1,407,669	5,353,316	2,560,563	2,657,549	63,001	2,720,550	12,042,098
2005*	1,590,959	5,150,356	2,596,822	2,829,154	74,501	2,903,655	12,241,792
2006*	1,597,831	5,929,967	2,234,415	3,414,763	65,198	3,479,961	13,242,174
2007*	1,658,559	6,366,702	2,397,101	3,450,652	67,902	3,518,554	13,940,916
2008*	1,733,259	6,280,226	1,963,843	3,287,154	68,298	3,355,452	13,332,780
2009*	1,657,916	5,843,914	2,288,093	2,797,879	64,201	2,862,080	12,652,003
2010*	1,823,345	7,329,953	2,065,513	3,042,823	91,744	3,134,567	14,353,378
2011*	1,627,165	7,580,310	2,737,134	3,228,806	60,139	3,288,945	15,233,557
2012*	1,841,004	6,918,156	2,732,819	3,224,679	64,510	3,289,189	14,781,160
2013*	1,600,571	6,447,738	2,589,757	2,362,369	66,720	2,429,089	13,067,154
2014*	1,527,084	6,048,295	2,574,378	2,455,398	53,410	2,508,808	12,658,565
2015*	1,300,285	4,570,152	2,019,401	2,546,680	27,638	2,574,318	10,464,155
AVERAGES:							
99-00	1,810,426	7,605,228	2,965,702	2,841,719	77,600	2,919,319	15,300,675
01-05	1,612,211	5,753,473	2,602,533	2,474,176	72,080	2,546,256	12,514,473
06-10	1,694,182	6,350,152	2,189,793	3,198,654	71,469	3,270,123	13,504,250
11-15	1,579,222	6,312,930	2,530,698	2,763,586	54,483	2,818,070	13,240,918

\* - Preliminary

ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE UNITED STATES  
(HARVEST INFORMATION PROGRAM)

YEAR	AF	MF	CF	P F		TOTAL	US TOTAL
				LWR STS	AK		
1999	444,068	3,136,859	995,528	1,295,088	23,385	1,318,473	5,894,928
2000	522,968	3,272,671	1,035,988	1,218,394	19,085	1,237,479	6,069,106
2001	472,682	2,796,047	1,178,357	1,003,857	27,711	1,031,568	5,478,654
2002	538,846	2,374,276	1,013,649	887,246	19,541	906,787	4,833,558
2003*	427,301	2,482,378	962,111	1,033,457	24,824	1,058,281	4,930,071
2004*	422,004	2,199,931	969,435	918,681	21,479	940,160	4,531,530
2005*	444,305	2,049,383	868,144	1,074,807	30,288	1,105,095	4,466,927
2006*	399,651	2,286,251	709,952	1,249,549	22,616	1,272,165	4,668,019
2007*	429,917	2,514,119	806,699	1,107,485	20,039	1,127,524	4,878,259
2008*	503,480	2,281,761	676,787	1,069,968	22,126	1,092,094	4,554,122
2009*	419,279	2,075,916	721,474	896,866	21,078	917,944	4,134,613
2010*	394,429	2,228,872	603,214	906,964	32,534	939,498	4,166,013
2011*	315,897	2,240,248	773,210	1,059,280	20,338	1,079,618	4,408,973
2012*	324,713	1,882,553	763,143	946,940	17,148	964,088	3,934,498
2013*	328,029	1,836,788	740,084	715,358	17,125	732,483	3,637,385
2014*	294,063	1,992,450	813,473	785,215	18,232	803,447	3,903,432
2015*	250,114	1,695,598	714,448	766,165	6,990	773,155	3,433,315
AVERAGES:							
99-00	483,518	3,204,765	1,015,758	1,256,741	21,235	1,277,976	5,982,017
01-05	461,028	2,380,403	998,339	983,610	24,769	1,008,378	4,848,148
06-10	429,351	2,277,384	703,625	1,046,166	23,679	1,069,845	4,480,205
11-15	302,563	1,929,527	760,872	854,592	15,967	870,558	3,863,521

\*- Preliminary

DF 09/16/16

ESTIMATES OF REGULAR SEASON MOTTLED DUCK HARVEST IN THE UNITED STATES (HARVEST INFORMATION PROGRAM)

YEAR	AF					MF					CF		US TOTAL
	NC	SC	GA	FL	TOTAL	AR	LA	MS	AL	TOTAL	TX	TOTAL	
1999	0	143	265	5,240	5,648	0	27,818	6,172	359	34,349	7,607	7,607	47,604
2000	0	965	286	7,823	9,074	0	27,071	825	0	27,896	12,047	12,047	49,017
2001	365	1,446	193	13,107	15,111	0	30,656	1,354	0	32,010	14,378	14,378	61,499
2002	0	718	227	12,096	13,041	459	22,877	133	0	23,469	7,401	7,401	43,911
2003*	0	1,770	165	8,349	10,361	262	41,128	128	495	42,013	10,752	10,752	63,126
2004*	82	112	0	15,097	15,292	319	34,516	0	0	34,835	14,133	14,133	64,260
2005*	0	195	0	10,445	10,641	835	25,097	0	400	26,332	14,904	14,904	51,877
2006*	0	454	200	13,146	13,800	0	41,746	760	200	42,706	9,967	9,967	66,473
2007*	0	112	247	11,493	12,862	0	49,434	2,199	0	51,633	8,861	8,861	73,356
2008*	97	759	0	14,133	14,989	0	66,874	910	0	67,784	12,163	12,163	94,936
2009*	0	2,547	2,327	14,261	19,135	0	51,590	270	0	51,860	10,992	10,992	81,987
2010*	0	710	0	13,882	14,592	0	55,060	0	0	55,060	10,463	10,463	80,115
2011*	0	2,750	430	10,640	13,821	0	39,871	0	337	40,557	13,062	13,062	67,440
2012*	0	0	0	7,939	7,939	0	40,311	422	0	40,733	12,732	12,732	61,404
2013*	0	792	291	9,050	10,133	0	35,639	736	0	36,375	3,219	3,219	49,727
2014*	0	896	294	6,378	7,569	335	28,701	263	0	29,300	5,034	5,034	41,903
2015*	0	1,131	0	8,479	9,611	0	13,702	0	0	13,702	6,187	6,268	29,581
AVERAGES:													
99-00	0	554	276	6,532	7,361	0	27,445	3,499	180	31,123	9,827	9,827	48,311
01-05	89	848	117	11,819	12,889	375	30,855	323	179	31,732	12,314	12,314	56,935
06-10	19	916	555	13,383	15,076	0	52,941	828	40	53,809	10,489	10,489	79,373
11-15	0	1,114	203	8,497	9,815	67	31,645	284	67	32,133	8,047	8,063	50,011

\*PRELIMINARY

DF 09/16/16

ESTIMATES OF GREEN-WINGED TEAL HARVESTS IN THE UNITED STATES (HARVEST INFORMATION PROGRAM)

YEAR	A F			M F			C F			P F			U.S. TOTAL		
	SEPT.	RG.SEAS.	TOTAL	SEPT.	RG.SEAS.	TOTAL	SEPT.	RG.SEAS.	TOTAL	LWR STS	AK	TOTAL	SEPT.	RG.SEAS.	TOTAL
1999	8,925	232,627	241,552	18,710	889,529	908,239	12,518	339,013	351,531	516,331	13,375	529,706	40,152	1,990,876	2,031,028
2000	7,684	183,099	190,783	22,166	669,335	691,501	32,644	317,944	350,588	408,086	10,239	418,325	62,493	1,588,704	1,651,197
2001	7,649	141,445	149,094	12,036	576,040	588,076	28,135	301,462	329,597	324,519	10,287	334,806	47,820	1,353,753	1,401,573
2002	2,080	156,480	158,560	5,719	530,750	536,469	16,540	286,298	302,838	339,974	7,500	347,474	24,339	1,321,002	1,345,341
2003*	3,186	133,969	137,155	27,174	671,389	698,563	31,641	253,729	285,370	358,993	9,632	368,625	62,001	1,427,712	1,489,713
2004*	2,331	112,638	114,969	13,241	484,778	498,019	11,112	262,214	273,326	479,246	7,994	487,240	26,684	1,346,871	1,373,555
2005*	2,420	118,252	120,672	9,260	504,590	513,850	13,660	343,330	356,990	498,336	10,631	508,967	25,340	1,475,139	1,500,479
2006*	4,901	149,711	154,612	27,585	632,043	659,628	29,777	252,056	281,833	554,681	7,974	562,655	62,263	1,596,464	1,658,727
2007*	1,344	155,693	157,037	20,595	771,587	792,182	29,383	341,510	370,893	622,626	8,457	631,083	51,322	1,899,872	1,951,194
2008*	3,867	145,041	148,908	11,493	841,356	852,849	28,339	292,560	320,899	665,414	9,396	674,810	43,699	1,953,766	1,997,465
2009*	3,174	132,460	135,634	7,775	747,458	755,233	20,212	243,915	264,127	531,314	7,766	539,080	31,161	1,662,912	1,694,073
2010*	2,257	146,225	148,482	7,285	1,045,499	1,052,784	8,899	252,694	261,593	540,259	8,928	549,187	18,441	1,993,605	2,012,046
2011*	2,530	109,572	112,102	14,908	986,994	1,001,902	17,974	309,644	327,618	504,156	3,655	507,811	35,412	1,914,021	1,949,433
2012*	4,838	119,845	124,683	34,285	898,176	932,461	38,207	374,343	412,550	552,404	7,489	559,893	77,330	1,952,257	2,029,587
2013*	1,431	111,682	113,113	12,728	835,629	848,357	11,362	320,511	331,873	409,812	8,152	417,964	25,521	1,685,786	1,711,307
2014*	1,906	113,397	115,303	19,215	892,448	911,663	8,855	335,076	343,931	375,036	5,840	380,876	29,976	1,721,797	1,751,773
2015*	1,263	88,079	89,342	13,011	516,406	529,417	13,411	208,339	221,750	448,726	3,292	451,112	27,685	1,263,936	1,291,621
AVERAGES:															
99-00	8,305	207,863	216,168	20,438	779,432	799,870	22,581	328,479	351,060	462,209	11,807	474,016	51,323	1,789,790	1,841,113
01-05	3,533	132,557	136,090	13,486	553,509	566,995	20,218	289,407	309,624	400,214	9,209	409,422	37,237	1,384,895	1,422,132
06-10	3,109	145,826	148,935	14,947	807,589	822,535	23,322	276,547	299,869	582,859	8,504	591,363	41,377	1,821,324	1,862,701
11-16	2,394	108,515	110,909	18,829	825,931	844,760	17,962	309,583	327,544	458,027	5,686	463,531	39,185	1,707,559	1,746,744

\* - PRELIMINARY

ESTIMATES OF BLUE-WINGED TEAL HARVESTS IN THE UNITED STATES (HARVEST INFORMATION PROGRAM)

YEAR	A F			M F			C F			P F			U.S. TOTAL		
	SEPT.	RG.SEAS.	TOTAL	SEPT.	RG.SEAS.	TOTAL	SEPT.	RG.SEAS.	TOTAL	LWR STS	AK	TOTAL	SEPT.	RG.SEAS.	TOTAL
1999	24,787	57,089	81,876	437,537	298,936	736,473	170,017	107,243	277,260	58,888	80	58,968	632,341	522,236	1,154,577
2000	21,376	56,819	78,195	430,937	279,651	710,588	249,171	126,250	375,421	38,436	0	38,436	701,484	501,156	1,202,640
2001	19,600	52,762	72,362	265,628	362,642	628,270	252,156	123,720	375,876	42,553	278	42,831	537,384	581,956	1,119,340
2002	13,123	48,212	61,335	112,946	326,812	439,758	79,713	133,556	213,269	45,221	482	45,703	205,781	554,283	760,064
2003*	10,920	34,952	45,872	296,755	303,138	611,188	153,660	109,467	263,127	57,426	0	57,426	461,334	504,984	966,318
2004*	6,888	66,356	73,044	106,309	259,179	365,488	95,838	132,597	228,435	71,981	0	71,981	208,835	530,113	738,948
2005*	15,357	61,790	82,372	100,272	213,807	314,079	116,157	119,558	235,715	76,542	50	76,592	231,786	471,748	703,534
2006*	17,845	52,745	70,590	265,213	248,663	513,876	183,844	100,537	284,381	72,118	0	72,118	466,903	474,062	940,965
2007*	21,982	67,670	89,652	303,920	322,800	626,719	228,574	118,113	346,687	58,031	61	58,092	554,475	566,676	1,121,151
2008*	5,370	67,139	72,503	195,150	322,787	517,931	107,903	92,907	200,806	52,664	0	52,664	308,424	535,496	843,920
2009*	17,409	97,070	114,479	244,657	487,937	732,594	167,672	129,325	296,997	46,568	0	46,568	429,737	760,901	1,190,638
2010*	27003	92,345	119,348	291,509	341,939	633,448	153,459	107,616	261,075	58,794	0	58,794	471,971	600,694	1,072,665
2011*	41521	92,915	134,436	378,119	326,528	704,647	213,471	145,920	359,391	52,675	0	52,675	633,111	618,038	1,251,149
2012*	25071	83,497	108,568	554,675	377,421	932,096	248,961	97,196	346,157	40,519	109	40,628	828,707	598,740	1,427,447
2013*	20368	55,295	75,663	408,069	534,839	942,908	179,073	224,496	403,569	42,835	343	43,178	607,510	857,808	1,465,318
2014*	19807	42,811	62,618	385,815	262,990	648,805	248,600	163,100	411,700	32,152	214	32,366	654,222	501,267	1,155,489
2015*	33374	55,610	88,984	269,609	236,707	506,316	224,721	165,614	390,335	28,507	0	28,507	537,792	476,094	1,013,886
AVERAGES:															
99-00	23,082	56,954	80,036	434,237	289,294	723,531	209,594	116,747	326,341	48,662	40	48,702	666,913	511,696	1,178,609
01-05	13,138	52,814	66,997	176,382	293,116	471,757	139,505	123,780	263,284	58,745	162	58,907	329,024	528,617	857,641
06-10	17,922	75,394	93,314	260,090	344,825	604,914	168,290	109,700	277,989	57,635	12	57,647	446,302	587,566	1,033,868
11-15	28,028	66,026	94,054	399,257	347,697	746,954	222,965	159,265	382,230	39,338	133	39,471	652,268	610,389	1,262,658

\* - Preliminary

DF 10/5/16

ESTIMATES OF WOOD DUCK HARVESTS IN THE UNITED STATES (HARVEST INFORMATION PROGRAM)

YEAR	A F			M F			C F	P F	U.S. TOTAL		
	SEPT.	RG.SEAS.	TOTAL	SEPT.	RG.SEAS.	TOTAL	RG. SEAS	RG. SEAS	SEPT.	RG.SEAS.	TOTAL
1999	7,251	391,514	398,765	54,222	924,461	978,683	124,492	52,247	61,635	1,492,715	1,554,350
2000	4,290	378,122	382,412	47,599	761,300	808,899	118,688	54,547	52,151	1,312,657	1,364,808
2001	3,499	399,985	403,484	36,979	597,152	634,131	112,709	54,200	40,479	1,164,045	1,204,524
2002	3,616	347,202	350,818	35,161	660,754	695,915	84,721	34,503	38,777	1,127,181	1,165,958
2003*	1,070	336,934	338,004	24,734	711,420	779,488	75,782	40,962	26,061	1,165,097	1,191,158
2004*	1,122	264,438	265,560	32,270	697,338	729,608	74,280	35,711	33,737	1,071,768	1,105,505
2005*	1,702	321,780	323,482	9,803	663,704	673,507	67,386	55,545	11,505	1,108,416	1,119,921
2006*	1,926	330,722	332,648	33,260	601,793	635,053	49,563	58,845	35,278	1,040,922	1,076,200
2007*	2,413	334,952	337,365	28,482	593,133	621,615	75,533	53,088	31,135	1,056,706	1,087,841
2008*	1,557	363,920	365,477	34,584	628,122	662,695	55,317	60,319	36,141	1,107,679	1,143,820
2009*	1,231	356,270	357,501	24,834	622,578	647,412	47,773	45,659	26,065	1,072,280	1,098,345
2010*	4,694	448,363	453,057	18,244	900,995	919,239	56,672	49,688	23,170	1,455,719	1,478,889
2011*	1,590	416,006	417,596	22,897	905,281	928,178	46,556	41,627	24,487	1,409,470	1,433,957
2012*	627	444,727	445,354	15,130	764,894	780,024	32,050	67,648	15,757	1,279,318	1,295,075
2013*	905	325,518	326,423	14,141	760,820	774,961	33,296	26,184	15,046	1,145,818	1,160,864
2014*	2,551	401,405	403,956	8,763	593,688	602,451	43,334	29,317	11,831	1,067,743	1,079,574
2015*	2,303	314,935	317,238	11,730	546,108	557,838	40,531	25,957	14,452	927,112	941,564
AVERAGES:											
99-00	5,771	384,818	390,589	50,911	842,881	893,791	121,590	53,397	56,893	1,402,686	1,459,579
01-05	2,202	334,068	336,270	27,789	666,074	702,530	82,976	44,184	30,112	1,127,301	1,157,413
06-10	2,364	366,845	369,210	27,881	669,324	697,203	56,972	53,520	30,358	1,146,661	1,177,019
11-15	1,595	380,518	382,113	14,532	714,158	728,690	39,153	38,147	16,315	1,165,892	1,182,207

\* - Preliminary

DF 09/16/16

ESTIMATES OF REGULAR-SEASON PINTAIL HARVESTS IN THE UNITED STATES  
(HARVEST INFORMATION PROGRAM)

YEAR	AF	MF	CF	P F		TOTAL	US TOTAL
				LWR STS	AK		
1999	25,101	153,304	129,904	219,753	10,652	230,405	538,714
2000	20,050	153,036	135,897	185,914	17,119	203,033	512,016
2001	20,619	125,148	136,050	148,213	11,585	159,798	441,615
2002	17,220	99,759	60,703	118,968	11,215	130,183	307,865
2003*	18,134	119,005	55,641	134,936	9,084	144,020	336,800
2004*	10,254	90,542	63,280	140,984	6,056	147,040	311,116
2005*	17,339	107,276	78,919	202,728	5,767	208,495	412,029
2006*	20,282	104,286	66,350	231,793	7,630	239,423	430,341
2007*	19,076	162,416	88,229	252,277	7,170	259,447	529,168
2008*	21,298	158,218	72,230	276,897	7,779	284,676	536,422
2009*	15,056	106,727	91,002	278,798	7,178	285,976	498,761
2010*	23,522	196,185	117,009	357,813	10,139	367,952	704,668
2011*	17,831	212,499	187,587	383,660	7,873	391,533	809,450
2012*	12,609	156,593	156,403	346,880	10,962	357,842	683,447
2013*	21,367	155,104	130,690	221,448	9,727	231,175	538,337
2014*	17,685	115,368	107,608	225,044	5,484	230,528	471,190
2015*	17,501	95,746	84,569	246,446	2,926	249,372	447,189
AVERAGES:							
99-00	22,576	153,170	132,901	202,834	13,886	216,719	525,365
01-05	16,713	108,346	78,919	149,166	8,741	157,907	361,885
06-10	19,847	145,566	86,964	279,516	7,979	287,495	539,872
11-15	17,399	147,062	133,371	284,696	7,394	292,090	589,923

\* - PRELIMINARY

ESTIMATES OF REGULAR-SEASON LESSER SCAUP HARVESTS IN THE UNITED STATES  
(HARVEST INFORMATION PROGRAM)

YEAR	AF	MF	CF	P F		TOTAL	US TOTAL
				LWR STS	AK		
1999	64,263	80,808	37,744	28,620	641	29,261	212,076
2000	32,331	184,008	83,331	30,616	737	31,353	331,023
2001	111,237	170,824	71,917	29,758	463	30,221	384,199
2002	85,457	182,132	87,438	31,559	1,307	32,866	387,893
2003*	60,939	145,607	45,008	38,171	861	39,032	290,586
2004*	54,891	108,351	66,799	51,459	888	52,347	282,388
2005*	63,698	111,357	54,442	28,067	1,404	29,471	258,968
2006*	46,619	101,219	50,948	34,173	550	34,723	233,509
2007*	46,594	84,791	40,662	51,393	613	52,006	224,053
2008*	25,791	97,340	29,015	27,111	303	27,414	179,560
2009*	35,908	111,522	44,029	30,216	392	30,608	222,067
2010*	67,005	157,275	39,851	23,171	605	23,776	287,907
2011*	46,195	114,903	43,537	22,041	750	22,791	227,426
2012*	153,057	307,579	110,847	62,580	217	62,797	634,280
2013*	60,416	97,873	46,832	40,541	822	41,363	246,285
2014*	55,076	156,083	72,730	37,609	427	38,036	321,925
2015*	37,647	118,419	41,686	28,390	163	28,553	226,304
AVERAGES:							
99-00	48,297	132,408	60,538	29,618	689	30,307	271,550
01-05	75,244	143,654	65,121	35,803	985	36,787	320,807
06-10	44,383	110,429	40,901	33,213	493	33,705	229,419
11-15	70,478	158,971	63,086	38,232	476	38,708	331,244

ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE UNITED STATES  
(HARVEST INFORMATION PROGRAM)

YEAR	AF	MF	CF	P F		TOTAL	US TOTAL
				LWR STS	AK		
1999	5,566	40,510	33,639	20,127	0	20,127	99,842
2000	16,474	49,183	26,960	19,783	246	20,029	112,646
2001	1,578	11,578	13,993	9,482	0	9,482	36,631
2002	0	574	1,208	843	344	1,187	2,969
2003*	4,738	9,821	8,005	11,224	157	11,381	33,945
2004*	9,772	10,824	8,857	14,945	81	15,026	44,479
2005*	4,433	32,786	17,470	9,378	351	9,729	64,418
2006*	1,228	45,640	18,031	26,918	69	26,987	91,886
2007*	6,988	56,432	15,254	46,104	429	46,533	125,207
2008*	68	1,234	15,864	805	202	1,007	18,173
2009*	7,389	27,831	17,250	17,792	131	17,923	70,393
2010*	22,989	72,703	24,825	25,168	0	25,168	145,685
2011*	5,349	68,358	42,041	24,926	187	25,113	140,861
2012*	3,903	52,081	26,786	34,370	109	34,479	117,249
2013*	13,111	76,103	32,045	38,179	274	38,453	159,712
2014*	5,630	43,558	35,004	24,071	0	24,071	108,263
2015*	1,909	30,696	21,699	31,912	0	31,912	86,215
AVERAGES:							
99-00	11,020	44,847	30,300	19,955	123	20,078	106,244
01-05	4,104	13,117	9,907	9,174	187	9,361	36,488
06-10	7,732	40,768	18,245	23,357	166	23,524	90,269
11-15	5,980	54,159	31,515	30,692	114	30,806	122,460

\* - PRELIMINARY

DF 09/16/16



HARVEST AGE RATIOS (IMM./AD.) FOR MALLARDS AND BLACK DUCKS (HARVEST INFORMATION PROGRAM)

YEAR	MALLARD						BLACK DUCK		
	A.F.	M.F.	C.F.	P.F.	AK	U.S.	A.F.	M.F.	U.S.
1999	0.91	0.89	0.73	0.96	5.30	0.88	0.99	1.35	1.11
2000	0.92	0.68	0.54	1.02	2.40	0.74	0.83	0.63	0.76
2001	1.14	1.33	0.71	1.22	4.60	1.13	0.93	1.77	1.09
2002	0.96	0.90	0.58	1.17	3.00	0.87	1.07	1.01	1.05
2003*	1.26	1.41	0.87	1.51	4.10	1.29	1.12	1.13	1.12
2004*	1.37	1.03	0.74	1.43	4.80	1.06	0.87	1.20	0.97
2005*	1.54	1.63	1.26	1.98	5.50	1.62	1.56	1.63	1.58
2006*	1.35	1.44	1.05	1.82	2.20	1.45	1.39	1.69	1.47
2007*	1.31	1.20	1.07	1.23	2.70	1.20	1.31	1.02	1.22
2008*	1.22	1.06	0.70	1.19	2.54	1.04	0.96	1.03	0.98
2009*	1.37	1.24	1.01	1.42	3.40	1.25	1.15	1.65	1.27
2010*	1.30	1.59	1.29	1.63	3.24	1.53	1.43	2.24	1.58
2011*	1.24	1.91	1.52	2.28	4.00	1.85	1.23	1.38	1.27
2012*	1.38	1.68	1.17	1.35	3.84	1.46	1.44	1.56	1.47
2013*	1.37	1.31	1.19	1.25	2.42	1.28	1.43	2.00	1.56
2014*	1.33	1.66	1.42	1.25	3.70	1.28	1.07	1.30	1.12
2015*	1.38	1.19	0.97	1.21	2.49	1.16	1.17	3.94	1.55
AVERAGES:									
99-00	0.91	0.79	0.64	0.99	3.9	0.81	0.91	0.99	0.94
01-05	1.25	1.26	0.83	1.46	4.4	1.19	1.11	1.35	1.16
06-10	1.31	1.31	1.02	1.46	2.82	1.29	1.25	1.53	1.30
11-15	1.34	1.55	1.25	1.47	3.29	1.41	1.27	2.04	1.39

\* - Preliminary

DF 09/22/16

NUMBERS OF MOTTLED DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY

YEAR	NC	SC	GA	FL	AF TOTAL	TN	LA	MS	AL	MF TOTAL	TX	CF TOTAL
1955	0	0	0	0	0	0	0	0	0	0	329	329
1956	0	0	0	0	0	0	0	0	0	0	280	280
1957	0	0	0	0	0	0	0	0	0	0	110	110
1958	0	0	0	0	0	0	0	0	0	0	85	85
1959	0	0	0	0	0	0	0	0	0	0	720	720
1960	0	30	0	1,700	1,730	0	0	0	0	0	2,350	2,350
1961	0	0	0	1,800	1,800	0	17,200	0	0	17,200	4,243	4,243
1962	0	0	0	3,400	3,400	0	28,100	0	0	28,100	2,950	2,950
1963	0	0	0	5,400	5,400	0	0	100	0	100	6,787	6,787
1964	0	0	0	4,900	4,900	0	0	0	0	0	4,740	4,740
1965	0	0	0	0	0	0	52,500	0	0	52,500	0	0
1966	0	0	0	3,700	3,700	0	51,200	0	0	51,200	0	0
1967	0	0	0	1,900	1,900	0	88,200	0	0	88,200	0	0
1968	0	0	0	1,700	1,700	0	63,000	0	0	63,000	0	0
1969	0	0	0	800	800	0	70,200	0	0	70,200	0	0
1970	0	0	0	600	600	0	57,600	0	0	57,600	7,752	7,752
1971	0	0	0	300	300	0	92,500	0	0	92,500	77,156	77,156
1972	0	0	0	1,100	1,100	0	53,000	0	0	53,000	41,970	41,970
1973	0	0	0	200	200	0	63,000	0	0	63,000	56,016	56,016
1974	0	0	0	400	400	0	54,500	100	0	54,600	57,903	57,903
1975	0	0	0	400	400	0	61,000	0	0	61,000	43,002	43,002
1976	0	0	0	400	400	0	67,100	25	0	67,125	44,669	44,669
1977	0	0	0	300	300	0	121,100	0	0	121,100	48,418	48,418
1978	0	0	0	100	100	0	33,000	0	0	33,000	28,650	28,650
1979	0	300	0	200	500	0	44,000	0	0	44,000	31,400	31,400
1980	0	200	0	600	800	0	49,000	0	0	49,000	38,400	38,400
1981	0	400	0	2,700	3,100	0	52,000	0	0	52,000	37,400	37,400
1982	0	100	0	1,200	1,300	0	29,000	25	0	29,025	32,600	32,600
1983	0	300	0	400	700	0	25,900	300	0	26,200	39,400	39,400
1984	0	400	0	1,700	2,100	200	37,300	0	0	37,500	52,400	52,400
1985	0	300	0	1,300	1,600	25	52,100	0	0	52,125	33,100	33,100
1986	0	200	0	800	1,000	0	57,500	0	0	57,500	43,400	43,400
1987	0	100	0	100	200	0	42,000	0	0	42,000	34,450	34,450
1988	0	200	0	800	1,000	0	70,000	0	25	70,025	28,400	28,400
1989	0	151	0	663	814	0	80,000	0	0	80,000	9,865	9,865
1990	0	14	0	1,727	1,741	0	111,000	700	4	111,704	22,300	22,300

Continued on next page

NUMBERS OF MOTTLED DUCKS OBSERVED DURING THE MIDWINTER WATERFOWL SURVEY

Continued from previous page

1991	0	4	0	1,438	1,442	0	94,000	0	0	94,000	11,300	11,300
1992	0	0	0	1,785	1,785	0	82,000	0	28	82,028	45,100	45,100
1993*	0	6	0	730	736	0	4,208	10,329	41	14,578	52,700	52,700
1994	0	0	0	2,324	2,324	0	173,000	0	144	173,144	47,377	47,377
1995	0	0	12	1,573	1,585	90	75,000	0	30	75,120	41,920	41,920
1996	0	0	0	1,272	1,272	124	106,000	0	49	106,173	35,863	35,863
1997*	0	21	2	1,540	1,563	67	1,570	0	51	1,688	21,814	21,814
1998	0	23	0	671	694	0	33,000	0	55	33,055	24,488	24,488
1999	0	15	13	1,020	1,048	0	63,000	0	31	63,031	17,892	17,892
2000	0	0	0	1,182	1,182	500	102,000	30	28	102,558	30,639	30,639
2001	0	32	9	1,579	1,620	0	81,000	0	75	81,075	15,035	15,035
2002	0	0	31	668	699	0	60,000	0	39	60,039	25,076	25,076
2003	0	59	3	675	737	0	52,000	140	10	52,150	24,797	24,797
2004	0	62	11	1,143	1,216	0	78,095	0	13	78,108	23,734	23,734
2005	0	0	15	No Surv	15	0	57,000	0	13	57,013	31,389	31,389
2006*	0	0	14	No Surv	14	0	53,000	0	0	53,000	18,396	18,396
2007	0	0	37	No Surv	37	0	82,663	0	12	82,675	38,218	38,218
2008	0	No Surv	40	No Surv	40	0	59,728	0	0	59,728	27,470	27,470
2009	0	0	34	No Surv	34	0	57,258	0	16	57,274	25,324	25,324
2010	0	0	20	No Surv	20	0	93,433	0	0	93,433	23,314	23,314
2011	0	665	29	No Surv	694	8	87,230	0	12	87,250	39,458	39,458
2012	0	60	40	No Surv	100	0	66,115	0	2	66,117	30,624	30,624
2013	0	18	10	No Surv	28	0	51,068	0	13	51,081	27,771	27,771
2014	0	258	43	No Surv	301	0	50,058	0	7	50,065	32,736	32,736
2015	0	396	10	No Surv	406	0	41,501	0	30	41,531	15,988	15,988
2016*	0	0	8	No Surv	8	0	36,553	0	0	36,553	15,980	15,980
AVERAGES:												
55-60	0	5	0	283	288	0	0	0	0	0	646	646
61-65	0	0	0	3,100	3,100	0	19,560	20	0	19,580	3,744	3,744
66-70	0	0	0	1,740	1,740	0	66,040	0	0	66,040	1,550	1,550
71-75	0	0	0	480	480	0	64,800	20	0	64,820	55,209	55,209
76-80	0	100	0	320	420	0	62,840	5	0	62,845	38,307	38,307
81-85	0	300	0	1,460	1,760	45	39,260	65	0	39,370	38,980	38,980
86-90	0	133	0	818	951	0	72,100	140	6	72,246	27,683	27,683
91-95	0	2	2	1,570	1,574	18	85,642	2,066	49	87,774	39,679	39,679
96-00	0	12	3	1,137	1,152	138	61,114	6	43	61,301	26,139	26,139
01-05	0	103	22	1,016	373	0	65,619	28	30	65,677	24,006	24,006
06-10	0	0	29	No Surv	29	0	69,216	0	6	69,222	26,544	26,544
11-15	0	279	26	No Surv	306	2	59,194	0	13	59,209	29,315	29,315

\* - Incomplete survey. Estimates for the flyway and some states (IL, LA, 93; LA, MS, 97; MS, 06;NC,SC, 16) are not comparable with other years. DF 09/19/16

Estimates of EP tundra swans during the midwinter waterfowl survey

Year	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF FLYWAY	ON	AF FLYWAY	TOTAL
1982	25	25	0	0	25	0	200	0	0	0	0	0	0	0	275	0	72,907	73,182
1983	25	200	0	0	25	0	300	0	0	0	0	0	0	0	550	500	86,464	87,514
1984	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25	100	81,235	81,360
1985	25	0	300	0	25	0	100	25	0	25	0	0	0	25	525	2,500	93,909	96,934
1986	25	0	0	25	0	0	25	0	25	25	25	0	0	0	150	25	90,766	90,941
1987	25	25	25	25	0	0	100	0	25	0	25	0	0	0	250	1,000	94,504	95,754
1988	25	100	100	25	25	0	100	0	0	0	0	0	0	0	375	1,200	77,110	78,685
1989	0	25	0	25	25	0	25	0	0	0	25	0	0	0	125	25	91,150	91,300
1990	0	0	3	0	0	0	10	1	3	0	0	0	0	0	17	9	90,593	90,619
1991	0	4	0	0	0	0	8	0	1	0	6	0	1	0	20	754	97,424	98,198
1992	1	6	4	0	0	17	297	0	0	0	2	0	0	0	327	2,929	109,788	113,044
1993	2	4	529	0	0	28	295	0	0	0	0	0	0	0	858	739	76,593	78,190
1994	0	2	0	1	0	0	53	5	0	0	0	0	0	0	61	184	84,527	84,772
1995	1	27	2,255	3	0	24	121	3	3	0	8	0	0	2	2,447	2,473	80,222	85,142
1996	1	1	270	3	0	46	66	2	1	0	3	0	0	0	393	113	79,021	79,527
1997	0	1	39	0	3	69	109	1	7	0	2	0	2	0	233	6,027	86,120	92,380
1998	442	69	440	10	0	40	326	0	7	0	1	0	0	0	1,335	2,679	96,544	100,558
1999	0	2	1,563	1	0	19	23	1	9	0	0	0	0	0	1,618	296	109,041	110,955
2000	0	49	3,028	0	2	48	231	0	6	0	0	0	0	0	3,364	8,897	103,082	115,343
2001	1	2	1	0	0	1	15	1	15	0	3	0	0	7	46	231	98,167	98,444
2002	0	374	2,948	0	33	31	255	0	20	0	0	0	0	0	3,661	7,169	103,842	114,672
2003	0	131	1,583	15	34	15	356	1	24	0	1	0	0	0	2,160	1,379	108,187	111,726
2004	2	0	321	1	40	44	1,655	0	31	0	0	0	0	0	2,094	13,737	94,975	110,806
2005	0	81	434	0	0	0	495	2	31	0	11	0	0	0	1,054	2,668	68,735	72,457
2006	0	12	472	0	21	14	489	0	57	0	4	0	0	0	1,069	9,746	70,454	81,269
2007	0	2,851	2,504	2,012	82	72	2,965	0	33	0	2	0	0	0	10,521	16,057	87,840	114,418
2008	2	8	234	9	64	19	1,401	15	74	0	0	0	0	0	1,826	5,917	88,506	96,249
2009	0	2	228	11	0	58	201	2	50	0	0	0	0	0	552	336	99,304	100,192
2010	2	47	655	0	3	23	508	3	61	0	0	0	0	0	1,302	4,081	91,594	96,977
2011	1	27	1,866	0	0	21	389	8	107	0	2	0	6	0	2,427	1,445	93,756	97,628
2012	3	4,471	0*	3,780	1,910	107	2,046	4	115	0	0	0	0	0	12,436	13,512	86,793	112,741
2013	0	212	0*	0	0	21	651	32	119	0	0	0	0	0	1,035	7,527	98,497	107,059
2014	0	0	126	0	7	7	639	18	43	0	4	0	4	0	848	287	103,853	104,988
2015	0	451	2,040	47	0	30	6	240	150	0	0	0	0	0	2,964	6,196	107,936	117,096
2016	136	6,426	2,043	585	601	168	3,001	12	10	0	0	0	0	0	12,982	13,992	86,619	113,593
AVERAGES																		
82-85	19	56	75	0	19	0	150	6	0	13	0	0	0	6	344	775	83,629	84,748
86-90	15	30	26	20	10	0	52	0	11	5	15	0	0	0	183	452	88,825	89,460
91-95	1	9	558	1	0	14	155	2	1	0	3	0	0	0	743	1,416	89,711	91,869
96-00	89	24	1,068	3	1	44	151	1	6	0	1	0	0	0	1,389	3,602	94,762	99,753
01-05	1	118	1,057	3	21	18	555	1	24	0	3	0	0	1	1,803	5,037	94,781	101,621
06-10	1	584	819	406	34	37	1,113	4	55	0	1	0	0	0	3,054	7,227	87,540	97,821
11-15	1	1,032	1,344	765	383	37	746	60	107	0	1	0	2	0	3,942	5,793	98,167	107,902

\* Michigan did not conduct MWS

SALES OF MIGRATORY GAME BIRD HUNTING PERMITS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV	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	3,962	9,926	10,293	46,009	135,231	39,230	47,722	59,986	31,350				405,056
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	46,681	61,669	75,739	26,561	893	513		484,771
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	31,401	5,611	14,130	12,287	75,178	141,677	46,528	42,856	66,163	28,243	764	514		465,352
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		191,444
2001	16,998	2,416	6,645	5,975	29,138	58,458	15,038	18,387	19,527	8,185	223	251	20	181,261
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
2014*	15,953	1,768	5,289	5,968	32,446	61,365	12,141	20,486	23,406	7,473	389	281	42	187,007
2015	15,107	1,704	5,094	5,565	31,237	59,840	12,261	21,056	24,860	7,523	337	300	52	184,936
AVERAGES:														
66-70	17,243	3,980	9,794	10,277	43,218	135,503	40,128	46,528	57,528	31,910				399,252
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	48,194	57,982	78,274	27,937	821	573		506,724
81-85	30,111	5,533	12,994	11,929	68,372	139,258	39,847	41,928	57,894	23,916	775	483		433,041
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		207,511
01-05	15,412	2,062	6,020	5,849	28,837	56,138	14,614	18,066	18,761	6,948	219	202	20	173,146
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
11-15	16,370	1,740	5,524	5,825	31,564	59,367	12,252	20,101	22,596	7,038	305	266	39	182,986

\*Preliminary

ESTIMATES OF ALL-DUCK HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV <sup>1</sup>	CAN 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	298,999	512,934	135,147	149,321	152,792	62,222	2,156	1,392		1,577,686
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	50,635	261,923	461,372	183,468	204,211	229,746	81,180	1,667	392		1,627,877
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	63,554	12,287	57,347	39,324	172,585	273,613	143,709	242,541	159,477	44,313	1,569	1,855		1,212,174
2008	59,079	11,164	51,031	37,006	184,236	279,513	129,988	222,761	173,402	53,351	334	975		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		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		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		1,160,476
2012	55,136	19,835	41,236	33,878	158,372	242,974	121,539	266,797	144,926	54,243	2,130	928		1,141,994
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		1,225,862
2014	25,854	14,420	24,818	31,417	142,214	280,683	113,921	293,971	164,465	50,513	3,757	880		1,146,913
2015	30,970	8,217	35,832	27,911	135,484	314,333	121,332	276,222	156,241	44,717	336	459		1,152,054

AVERAGES:

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	9,500	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		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	12,207	47,088	36,437	174,955	274,627	137,411	219,946	143,757	46,088	1,156	630		1,146,909
11-15	42,425	13,838	37,904	32,900	149,618	275,083	122,052	282,259	158,218	48,549	1,688	926		1,165,460

\* - 1968-71 ESTIMATES ARE USEFUL ONLY FOR DISTRIBUTION OF HARVEST AMONG PROVINCES. THEY ARE NOT COMPARABLE WITH ESTIMATES IN SUBSEQUENT YEARS BECAUSE DIFFERENT SURVEY PROCEDURES WERE USED.

<sup>1</sup> NU - Data unavailable for Publication

## ESTIMATES OF MALLARD HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV <sup>1</sup>	CAN 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	78,201	195,276	107,203	49,272	510	72	0	689,447
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		545,952
2008	48	1,725	4,748	5,662	69,899	119,971	60,690	150,906	97,567	35,924	0	488		547,628
2009	80	651	4,079	337	65,216	106,537	61,460	135,546	62,778	32,736	0	67		469,487
2010	1,122	2,213	4,129	4,665	56,523	105,400	48,539	125,686	68,014	28,301	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		509,889
2012	767	1,475	3,060	5,682	55,862	79,180	69,173	188,383	89,249	36,160	415	928		530,334
2013	0	758	7,500	9,689	47,579	107,319	42,549	193,591	106,935	29,986	923	0		546,829
2014	1,397	1,602	3,000	5,647	56,092	116,812	30,927	163,468	93,733	26,996	0	440		500,114
2015	650	1,779	7,082	6,647	54,653	114,114	56,624	179,718	88,206	28,664	0	0		538,137
AVERAGES:														
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	92,791	152,415	119,798	49,579	631	139		669,270
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	768	1,400	4,831	4,817	65,814	115,212	69,967	150,045	79,805	31,211	222	164		524,257
11-15	697	1,810	5,188	6,633	55,245	104,591	51,689	173,684	93,959	30,959	334	274		525,061

\* - 1968-71 ESTIMATES ARE USEFUL ONLY FOR DISTRIBUTION OF HARVEST AMONG PROVINCES. THEY ARE NOT COMPARABLE WITH ESTIMATES IN SUBSEQUENT YEARS BECAUSE DIFFERENT SURVEY PROCEDURES WERE USED.

<sup>1</sup>NU - Unavailable for publication

DF 09/19/16

## ESTIMATES OF BLACK DUCK HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV <sup>1</sup>	CAN TOTAL
1968*	14,800	4,600	24,000	23,900	87,800	118,900	0	0	0	0	0	0	0	274,000
1969*	24,500	9,300	30,400	25,400	85,500	106,700	1,400	0	0	0	0	0	0	283,200
1970*	23,000	8,800	30,200	22,900	104,600	116,500	1,000	0	0	0	0	0	0	307,000
1971*	17,800	16,400	43,000	22,400	113,000	97,600	700	0	0	0	0	0	0	310,900
1972	22,900	9,700	35,700	17,800	103,200	100,800	300	0	0	0	0	0	0	290,400
1973	21,400	6,900	50,800	22,400	120,700	95,000	400	400	0	0	0	0	0	318,000
1974	29,700	16,600	44,400	22,500	110,100	83,800	700	0	0	0	0	0	0	307,800
1975	32,900	14,200	57,300	22,900	91,400	83,900	200	100	0	0	0	0	0	302,900
1976	23,200	22,100	57,300	26,200	118,400	95,800	200	700	0	0	0	0	0	343,900
1977	41,100	17,700	67,900	19,600	131,500	81,500	800	500	0	0	0	0	0	360,600
1978	46,200	20,000	64,700	26,300	130,800	90,200	400	0	0	100	0	0	0	378,700
1979	41,700	12,700	43,900	17,400	113,100	86,800	300	400	300	300	0	0	0	316,900
1980	31,300	21,500	68,700	28,300	120,400	92,700	2,100	300	0	0	0	0	0	365,300
1981	41,200	16,000	57,900	26,900	105,500	77,600	400	200	0	0	0	0	0	325,700
1982	28,400	25,300	47,200	31,200	117,800	86,700	200	500	0	0	0	0	0	337,300
1983	29,700	24,100	57,000	31,000	101,900	61,100	300	0	0	0	0	0	0	305,100
1984	26,800	23,200	51,600	33,400	107,600	64,400	400	0	500	0	0	0	0	307,900
1985	28,900	18,700	44,000	32,800	110,500	64,700	500	200	0	0	0	0	0	300,300
1986	26,600	18,700	46,000	27,700	114,700	59,600	400	300	0	0	0	0	0	294,000
1987	16,800	17,600	43,600	26,700	129,900	62,400	0	0	0	0	0	0	0	297,000
1988	19,900	20,900	44,700	31,100	126,100	59,800	0	100	100	0	0	0	0	302,700
1989	28,600	11,800	47,000	25,800	101,500	47,900	200	0	0	0	0	0	0	262,800
1990	23,600	11,600	37,800	26,700	105,800	38,800	100	700	300	100	0	0	0	245,500
1991	16,600	14,900	39,600	20,200	91,800	50,700	1,200	300	1,400	300	0	0	0	237,000
1992	14,364	8,053	38,715	23,287	83,069	38,328	136	237	76	0	0	0	0	206,265
1993	13,483	9,785	35,679	18,772	85,531	33,226	1,275	0	0	0	0	0	0	197,751
1994	16,908	9,811	31,034	22,256	64,913	24,099	243	163	0	0	0	34	0	169,461
1995	15,461	13,355	40,546	29,332	54,776	33,470	0	204	0	17	0	0	0	187,161
1996	19,447	9,469	39,759	20,418	49,219	25,289	0	0	0	0	0	0	0	163,601
1997	18,816	12,982	32,666	17,966	56,103	26,309	265	147	215	0	0	0	0	165,469
1998	22,410	6,789	33,852	22,802	49,065	23,091	165	0	81	124	0	0	0	158,379
1999	19,058	10,782	44,658	22,445	51,385	26,579	36	0	0	0	0	0	0	174,943
2000	21,605	6,980	43,922	18,083	43,476	19,995	204	653	0	0	0	0	0	154,918
2001	16,802	9,465	26,730	12,879	38,719	19,187	293	0	0	0	0	0	0	124,075
2002	18,022	6,214	28,310	14,449	36,348	19,133	0	77	89	0	0	0	0	122,642
2003	10,175	7,229	26,010	15,219	35,078	15,178	0	334	0	0	0	0	0	109,223
2004	12,888	4,828	16,971	9,776	30,590	16,711	0	0	0	0	0	0	0	91,764
2005	9,333	4,560	16,717	9,031	34,472	15,276	191	0	0	0	0	0	0	89,580
2006	16,529	5,168	20,630	11,159	33,900	16,644	0	0	0	0	0	0	0	104,030
2007	20,485	7,054	24,180	10,391	27,596	13,462	140	503	0	0	0	0	0	103,811
2008	22,067	5,829	22,764	12,285	29,154	11,094	160	184	0	0	15	0	0	103,537
2009	13,583	5,049	18,788	9,719	29,150	14,173	155	0	0	0	0	0	0	90,617
2010	6,430	7,734	13,105	12,075	31,126	14,058	91	0	0	52	0	0	0	84,671
2011	8,919	5,866	22,236	9,237	31,678	13,926	0	0	0	0	0	0	0	91,862
2012	20,213	8,795	24,622	13,261	24,594	11,878	0	0	0	0	0	0	0	103,363
2013	18,034	7,296	26,773	10,661	22,433	14,436	152	0	0	0	0	0	0	99,785
2014	3,796	12,817	12,992	10,736	21,414	10,872	0	0	0	0	0	0	0	72,627
2015	8,869	2,615	16,061	6,938	16,670	11,869	430	0	0	0	0	0	0	63,452
AVERAGES:														
68-71	20,025	9,775	31,900	23,650	97,725	109,925	775	0	0	0	0	0	0	293,775
72-75	26,725	11,850	47,050	21,400	106,350	90,875	400	167	0	0	0	0	0	304,775
76-80	36,700	18,800	60,500	23,560	122,840	89,400	760	475	60	80	0	0	0	353,080
81-85	31,000	21,460	51,540	31,060	108,660	70,900	360	300	0	0	0	0	0	315,260
86-90	23,100	16,120	43,820	27,600	115,600	53,700	140	220	80	20	0	0	0	280,400
91-95	15,363	11,181	37,115	22,769	76,018	35,965	571	181	295	63	0	7	0	199,528
96-00	20,267	9,400	38,971	20,343	49,850	24,253	134	160	59	25	0	0	0	163,462
01-05	13,444	6,459	22,948	12,271	35,041	17,097	97	82	18	0	0	0	0	107,457
06-10	15,819	6,167	19,893	11,126	30,185	13,886	109	137	0	10	0	0	0	97,333
11-15	11,966	7,478	20,537	10,167	23,358	12,596	116	0	0	0	0	0	0	86,218

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<sup>1</sup> NU - Unavailable for publication

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## ESTIMATES OF PINTAIL HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV <sup>1</sup>	CAN 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	7,573	4,476	0	0		44,313
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	8,766	16,168	13,603	5,825	50	0	0	58,348
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	224	0	0	56,800
2008	427	252	393	427	4,887	5,745	7,911	15,076	12,833	2,989	0	0	0	50,940
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
2014	88	0	532	109	2,729	3,350	3,903	30,717	20,996	3,603	0	440	0	66,467
2015	0	333	355	303	2,435	3,171	7,928	11,790	10,678	2,528	0	0	0	39,521
AVERAGES:														
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	200	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	6,272	4,834	67	46		38,323
96-00	783	453	584	971	7,127	5,557	11,303	13,202	11,706	5,708	21	55		57,471
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	225	584	416	511	5,147	5,352	7,859	15,167	9,658	2,460	53	4		47,437
11-15	200	288	445	279	3,545	3,081	4,867	19,488	15,164	3,141	0	88		50,587

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## ESTIMATES OF CANADA GOOSE HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV <sup>1</sup>	CAN TOTAL
1975	8,185	6,382	8,836	2,182	12,791	33,441	94,330	96,197	85,708	8,913	0	142		357,107
1976	8,443	17,961	11,024	6,699	25,242	37,595	65,152	70,643	67,964	6,848	36	165		317,772
1977	12,578	18,788	8,563	2,451	52,300	57,626	44,236	66,429	59,302	8,758	218	127		331,376
1978	12,743	11,972	6,571	3,412	66,437	53,019	83,032	70,426	78,647	10,800	0	338		397,397
1979	13,401	10,827	5,261	2,614	50,012	64,249	94,496	79,544	79,636	12,931	0	289		413,260
1980	10,938	19,137	8,230	2,594	52,076	73,794	73,810	96,446	100,045	16,656	435	525		454,686
1981	10,202	14,264	7,384	3,744	25,291	49,902	57,927	84,914	95,051	15,843	0	233		364,755
1982	11,186	13,296	5,409	2,584	29,680	69,828	73,828	87,249	97,569	14,479	0	0		405,108
1983	13,652	15,768	9,534	7,370	37,429	69,648	71,671	127,184	108,097	14,877	0	397		475,627
1984	14,086	13,963	6,465	3,019	22,906	63,187	88,745	95,993	87,065	15,841	0	267		411,537
1985	9,669	17,226	6,829	4,071	28,132	76,234	103,441	88,407	103,077	18,510	0	96		455,692
1986	16,770	21,912	8,794	5,660	39,193	83,746	91,603	80,714	88,943	14,853	0	190		452,378
1987	12,509	21,387	10,942	3,015	80,270	87,481	78,007	106,528	124,796	14,830	550	165		540,480
1988	9,379	24,906	9,676	3,377	20,454	76,537	56,025	80,044	99,376	15,266	0	174		395,214
1989	8,845	23,143	15,666	6,629	55,852	101,591	77,752	84,582	121,589	16,418	367	0		512,434
1990	6,379	25,177	6,570	7,285	54,740	97,556	73,645	92,272	125,398	14,835	96	0		503,953
1991	5,885	21,459	9,845	5,229	51,940	83,736	72,591	91,033	111,919	18,211	275	510		472,633
1992	6,427	11,565	4,160	5,368	28,089	79,357	58,043	78,542	90,594	16,130	0	164		378,439
1993	9,266	17,809	12,390	6,520	39,741	80,768	71,407	77,787	90,177	12,943	0	90		418,898
1994	6,645	25,846	6,660	5,555	15,206	83,787	59,405	81,175	103,266	13,116	22	138		400,821
1995	9,527	16,968	8,306	5,467	9,560	88,135	49,639	82,155	114,818	11,297	0	128		396,000
1996	7,503	22,451	8,758	4,470	10,822	87,775	93,438	111,467	137,440	15,477	417	82		500,100
1997	5,165	16,769	7,542	6,105	11,748	89,680	107,304	104,934	125,629	14,602	0	0		489,478
1998	9,746	23,781	10,802	6,225	16,882	109,731	94,033	136,736	104,831	18,586	0	0		531,353
1999	5,464	32,944	12,633	6,079	38,702	100,751	68,822	146,112	137,527	16,093	25	90		565,242
2000	8,223	25,932	13,507	8,418	38,941	125,308	74,632	167,929	132,609	16,544	0	0	0	612,043
2001	5,553	25,136	10,554	5,615	67,763	148,705	102,034	146,829	111,751	13,076	0	0	0	637,016
2002	6,744	22,126	10,831	4,962	87,177	160,474	108,306	125,588	108,758	15,098	0	239	0	650,303
2003	5,004	20,983	4,915	11,245	112,807	160,197	90,183	135,123	116,844	14,353	0	0	0	671,654
2004	4,481	15,028	5,996	6,100	75,316	148,893	92,512	135,759	134,551	8,165	0	0	0	626,801
2005	5,516	16,109	5,240	6,866	103,490	155,736	118,545	139,825	149,148	904	0	0	0	701,379
2006	4,364	11,245	4,769	6,940	79,569	174,626	105,039	157,414	124,785	9,348	0	0	0	678,099
2007	5,848	13,586	7,544	9,098	100,811	179,459	97,069	169,206	110,830	9,892	0	514		703,857
2008	6,871	16,468	10,040	9,916	113,670	194,242	91,804	155,728	125,624	10,642	0	0		735,005
2009	4,025	11,926	9,056	9,638	126,678	190,433	99,955	140,922	102,591	15,873	0	116		711,213
2010	4,245	15,768	12,765	10,609	121,553	169,495	90,062	149,533	104,955	10,756	0	0		689,741
2011	5,726	14,970	7,719	8,475	119,596	199,396	86,956	173,045	98,639	14,402	0	0		728,924
2012	6,499	16,605	8,732	10,195	125,577	179,138	101,056	178,543	98,181	16,356	0	0		740,882
2013	7,201	14,370	12,616	12,153	136,417	199,784	109,547	141,655	80,546	11,639	0	154		726,082
2014	3,659	14,766	8,416	12,792	135,897	222,530	82,894	161,815	100,408	14,370	0	154		757,701
2015	2,358	11,377	0	10,457	120,628	213,357	98,550	177,475	120,607	12,272	256	0		767,337
AVERAGES:														
76-80	11,621	15,737	7,930	3,554	49,213	57,257	72,145	76,698	77,119	11,199	138	289		382,898
81-85	11,759	14,903	7,124	4,158	28,688	65,760	79,122	96,749	98,172	15,910	0	199		422,544
86-90	10,776	23,305	10,330	5,193	50,102	89,382	75,406	88,828	112,020	15,240	203	106		480,892
91-95	7,550	18,729	8,272	5,628	28,907	83,157	62,217	82,138	102,155	14,339	59	206		413,358
96-00	7,220	24,375	10,648	6,259	23,419	102,649	87,646	133,436	127,607	16,260	88	34	0	539,643
01-05	5,460	19,876	7,507	6,958	89,311	154,801	102,316	136,625	124,210	10,319	0	48		657,431
06-10	5,071	13,799	8,835	9,240	108,456	181,651	96,786	154,561	113,757	11,302	0	126		703,583
11-15	5,089	14,418	7,497	10,814	127,623	202,841	95,801	166,507	99,676	13,808	51	62		744,185

<sup>1</sup> NU - Data Unavailable for Publication

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ESTIMATES OF LESSER SNOW GOOSE HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV <sup>1</sup>	CAN TOTAL	
1975	0	0	0	0	5,578	15,742	51,708	12,692	16,339	2,972	324	0		105,355	
1976	0	0	0	0	192	11,519	31,449	20,721	30,741	1,102	177	0		95,901	
1977	0	0	0	0	19,653	8,000	31,850	12,151	30,731	576	0	0		102,961	
1978	0	0	30	0	542	6,201	39,770	11,619	16,819	401	0	0		75,382	
1979	0	0	0	0	5,379	10,576	99,151	12,981	10,752	1,917	552	0		141,308	
1980	0	0	50	0	12,762	8,710	91,968	16,172	9,498	1,725	0	0		140,885	
1981	0	0	0	0	408	6,576	88,124	15,339	13,780	3,378	0	0		127,605	
1982	0	0	0	0	1,712	2,666	82,094	22,845	6,010	2,666	0	0		117,993	
1983	0	0	0	0	45,351	1,820	82,602	33,377	6,802	0	0	0		169,952	
1984	0	0	0	0	2,503	1,205	76,472	31,919	8,265	2,700	0	0		123,064	
1985	0	0	49	0	497	1,913	105,719	33,311	11,362	3,972	0	0		156,823	
1986	0	0	0	0	0	2,335	49,587	32,129	9,679	0	0	0		93,730	
1987	0	0	0	0	19,137	6,169	70,849	22,976	3,980	2,329	0	0		125,440	
1988	0	0	0	0	3,864	2,231	71,733	24,321	9,583	1,556	0	0		113,288	
1989	0	0	0	0	1,169	5,654	92,720	27,321	11,274	926	0	0		139,064	
1990	0	0	0	448	2,293	2,742	54,027	32,541	10,504	137	339	407		103,438	
1991	0	0	0	0	2,645	2,799	66,254	22,224	5,600	2,619	0	0		102,141	
1992	0	0	0	58	592	590	26,778	21,240	9,123	467	0	0		58,848	
1993	0	0	0	0	7,641	2,543	51,301	19,674	5,303	2,094	0	0		88,556	
1994	0	0	0	0	5,855	657	56,221	30,258	6,987	2,174	105	0		102,257	
1995	0	0	0	0	855	1,286	61,603	31,323	8,680	1,589	306	0		105,642	
1996	0	0	0	0	3,486	1,028	46,163	34,546	4,185	2,863	0	0		92,271	
1997	0	0	0	0	8,853	336	69,683	62,635	9,261	0	0	0		150,768	
1998	0	0	0	16	16,732	954	52,121	68,985	14,890	1,797	0	0		155,495	
1999	0	0	0	0	6,747	115	14,150	116,313	15,416	1,990	0	0		154,731	
2000	0	0	0	0	5,686	1,350	31,699	68,377	12,881	2,559	0	128	45		122,725
2001	0	0	0	0	4,427	982	25,335	100,525	13,367	2,354	0	0	0		146,990
2002	0	0	0	0	2,699	697	24,252	85,933	9,612	2,536	0	0	0		125,729
2003	0	0	0	0	3,941	901	26,970	108,457	10,539	1,312	0	0	0		152,120
2004	0	0	0	0	82	642	23,158	76,709	3,654	1,188	0	0	0		105,433
2005	0	0	0	0	1,122	391	14,039	82,143	6,207	6,906	0	0	0		110,808
2006	131	0	0	0	1,349	1,122	31,936	116,278	11,430	3,170	0	0	0		165,416
2007	0	0	0	0	703	254	19,452	66,934	14,976	4,626	0	0			106,945
2008	0	0	0	0	1,678	70	31,601	112,986	9,570	2,406	0	0			158,311
2009	0	0	0	0	730	311	9,123	80,753	11,613	1,316	0	0			103,846
2010	0	0	0	0	1,373	427	12,017	77,568	15,349	852	0	0			107,586
2011	0	0	0	0	852	198	12,719	85,848	14,970	0	0	0			114,587
2012	0	0	0	0	1,899	1,061	10,864	95,611	7,286	2,110	0	0			118,831
2013	0	0	0	0	1,381	951	6,703	127,835	29,213	1,559	0	0			167,642
2014	0	0	0	1,438	1,415	0	14,307	121,091	47,255	835	0	0			186,341
2015	0	0	0	0	303	291	1,010	68,341	22,075	762	0	0			92,782
AVERAGES:															
76-80	0	0	16	0	7,706	9,001	58,838	14,729	19,708	1,144	146	0			111,287
81-85	0	0	10	0	10,094	2,836	87,002	27,358	9,244	2,543	0	0			139,087
86-90	0	0	0	90	5,293	3,826	67,783	27,858	9,004	990	68	81			114,992
91-95	0	0	0	12	3,518	1,575	52,431	24,944	7,139	1,789	82	0			91,489
96-00	0	0	0	3	8,301	757	42,763	70,171	11,327	1,842	0	26			135,198
01-05	0	0	0	0	2,454	723	22,751	90,753	8,676	2,859	0	0	0		128,216
06-10	26	0	0	0	1,167	437	20,826	90,904	12,588	2,474	0	0			128,421
11-15	0	0	0	0	1,067	252	16,982	84,818	13,296	1,840	0	0			118,255

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ESTIMATES OF ROSS'S GOOSE HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV	CAN TOTAL
1975	0	0	0	0	0	497	1,054	3,509	2,030	0	0	0		7,090
1976	0	113	0	0	0	0	104	3,121	1,755	0	0	0		5,093
1977	0	0	0	0	0	93	0	1,071	2,842	0	0	0		4,006
1978	0	0	0	0	0	0	666	3,730	718	0	0	0		5,114
1979	0	0	0	0	0	0	643	6,448	968	0	0	0		8,059
1980	0	0	0	0	0	0	792	3,214	865	0	0	0		4,871
1981	0	0	0	0	0	0	711	2,315	367	0	0	0		3,393
1982	0	0	0	0	0	0	643	3,249	426	0	0	0		4,318
1983	0	0	0	0	0	0	279	4,175	0	0	0	0		4,454
1984	0	0	0	0	0	0	280	3,479	1,194	0	0	0		4,953
1985	0	0	0	0	0	0	472	5,792	1,224	0	0	0		7,488
1986	0	0	0	0	0	0	552	525	1,911	0	0	0		2,988
1987	0	0	0	0	0	0	3,298	1,827	288	0	0	0		5,413
1988	0	0	0	0	0	0	1,132	1,296	2,043	0	0	0		4,471
1989	0	0	0	0	0	0	308	3,024	1,773	0	0	0		5,105
1990	0	0	0	0	0	0	105	6,087	3,234	0	0	0		9,426
1991	0	0	0	0	0	0	394	1,966	1,279	0	0	0		3,639
1992	0	0	0	0	0	80	1,643	1,330	1,650	0	0	0		4,703
1993	0	0	0	0	0	0	69	1,482	926	0	0	0		2,477
1994	0	0	0	0	181	0	1,119	6,374	2,184	15	0	0		9,873
1995	0	0	0	0	139	0	4,389	7,281	3,542	0	0	0		15,351
1996	0	0	0	0	0	156	2,066	15,598	1,587	0	0	0		19,407
1997	0	0	0	0	324	82	391	14,441	4,219	0	0	0		19,457
1998	0	0	0	0	258	0	3,833	23,086	1,386	0	0	0		28,563
1999	0	0	0	0	69	0	162	20,643	1,826	0	49	0		22,749
2000	0	0	0	0	249	0	1,724	14,333	1,529	54	0	0	6	17,895
2001	0	0	0	0	0	0	665	14,573	5,747	0	0	0	0	20,985
2002	0	0	0	0	0	0	1,987	27,842	4,127	18	0	0	0	33,974
2003	0	0	0	0	0	95	1,320	27,407	1,447	86	0	0	0	30,355
2004	0	0	0	0	0	109	1,794	19,174	1,015	0	0	0	0	22,092
2005	0	0	0	0	0	0	1,460	11,608	1,263	0	0	0	0	14,331
2006	0	0	0	0	0	0	2,503	22,976	1,233	0	0	0	0	26,712
2007	0	0	0	0	0	0	4,210	12,893	934	0	0	0	0	18,037
2008	0	301	0	0	0	141	10,151	35,227	2,345	0	0	0	0	48,165
2009	0	0	0	0	0	0	2,372	20,655	982	0	0	0	0	24,009
2010	0	0	0	0	0	0	2,106	26,280	6,303	0	0	0	0	34,689
2011	0	0	0	0	0	0	3,073	34,682	2,197	0	0	0	0	39,952
2012	0	0	0	0	0	0	3,280	20,826	616	0	0	0	0	24,722
2013	0	0	0	0	0	231	1,448	29,478	3,798	0	0	0	0	34,955
2014	0	0	0	0	0	0	865	30,269	10,151	0	0	0	0	41,285
2015	0	0	0	0	0	0	0	19,302	2,059	0	0	0	0	21,361

AVERAGES:

76-80	0	23	0	0	0	19	441	3,517	1,430	0	0	0		5,429
81-85	0	0	0	0	0	0	477	3,802	642	0	0	0		4,921
86-90	0	0	0	0	0	0	1,079	2,552	1,850	0	0	0		5,481
91-95	0	0	0	0	64	16	1,523	3,687	1,916	3	0	0		7,209
96-00	0	0	0	0	180	48	1,635	17,620	2,109	11	10	0		21,614
01-05	0	0	0	0	0	41	1,445	20,121	2,720	21	0	0	0	24,347
06-10	0	60	0	0	0	28	4,268	23,606	2,359	0	0	0		30,322
11-15	0	0	0	0	0	46	1,733	26,911	3,764	0	0	0		32,455

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ESTIMATES OF WHITE- FRONTED GOOSE HARVESTS IN CANADA

YEAR	NFL	PEI	NS	NB	QUE	ONT	MAN	SAS	ALB	BC	NWT	YUK	NUV	CAN TOTAL
1975	0	0	330	0	0	0	433	44,788	12,341	401	122	142		58,557
1976	0	0	0	0	0	0	694	53,358	9,511	0	0	42		63,605
1977	0	0	0	0	0	0	0	43,304	18,397	72	0	1		61,774
1978	0	0	0	0	0	0	386	51,821	11,573	275	0	109		64,164
1979	0	0	0	0	0	0	94	48,508	12,444	59	0	247		61,352
1980	0	0	0	0	0	0	2,253	57,887	19,052	72	0	0		79,264
1981	0	0	0	0	0	0	1,492	38,216	15,281	300	0	5		55,294
1982	0	0	0	0	0	0	277	38,567	14,777	0	0	0		53,621
1983	0	0	0	0	0	0	129	47,742	5,472	0	924	0		54,267
1984	0	0	0	0	0	138	113	38,092	14,317	125	0	40		52,825
1985	0	0	0	0	0	0	0	36,637	12,059	348	0	0		49,044
1986	0	0	0	0	87	0	498	37,515	19,107	0	0	0		57,207
1987	0	0	0	0	0	0	100	38,087	9,901	78	0	0		48,166
1988	0	0	0	0	0	0	0	21,173	18,130	84	0	0		39,387
1989	0	0	43	0	0	42	110	34,680	19,131	46	0	0		54,052
1990	287	0	0	0	0	0	105	27,376	17,117	119	97	0		45,101
1991	0	0	49	0	81	0	541	31,390	11,341	32	0	0		43,434
1992	0	0	0	0	0	0	628	22,099	8,650	24	0	0		31,401
1993	0	0	49	0	0	171	0	21,822	7,016	0	0	0		29,058
1994	0	0	0	0	0	0	0	30,199	9,606	81	0	0		39,886
1995	0	0	0	0	0	0	79	45,011	14,888	42	0	64		60,084
1996	0	0	252	0	0	69	924	57,676	17,939	138	0	0		76,998
1997	0	0	0	0	180	0	296	37,326	15,009	0	0	37		52,848
1998	0	0	0	0	0	0	1,046	51,204	26,671	242	0	0		79,163
1999	0	0	0	0	0	0	0	47,316	15,033	0	0	0		62,349
2000	0	0	0	0	0	0	0	86,587	19,964	187	0	0	0	106,738
2001	0	0	0	0	0	0	0	61,391	31,722	81	0	0	0	93,194
2002	0	0	0	0	0	0	1,048	39,870	10,691	92	0	6	0	51,707
2003	0	0	0	0	0	101	0	49,733	15,348	0	0	0	0	65,182
2004	0	0	0	0	0	0	238	54,419	9,956	0	0	0	0	64,613
2005	0	0	0	0	0	0	187	54,376	19,835	0	0	0	0	74,398
2006	0	0	0	0	51	0	0	36,967	17,892	273	0	0	0	55,183
2007	0	0	0	0	0	0	992	42,467	26,300	199	0	0	0	69,958
2008	0	0	0	0	0	0	139	55,647	37,893	183	0	0	0	93,862
2009	0	0	0	0	0	0	0	30,882	23,173	158	0	0	0	54,213
2010	0	0	0	0	120	0	0	33,558	22,113	191	0	0	0	55,982
2011	0	0	0	0	0	0	630	52,762	27,650	0	0	0	0	81,042
2012	0	0	0	0	0	0	781	36,128	21,861	700	0	0	0	59,470
2013	0	0	0	0	0	0	0	42,181	32,799	133	0	0	0	75,113
2014	0	0	0	0	0	0	0	65,463	21,711	420	0	0	0	87,594
2015	0	0	55	0	0	0	0	31,953	39,449	0	0	0	0	71,457
AVERAGES:														
76-80	0	0	0	0	0	0	685	50,976	14,195	96	0	80		66,032
81-85	0	0	0	0	0	28	402	39,851	12,381	155	185	9		53,010
86-90	57	0	9	0	17	8	163	31,766	16,677	65	19	0		48,783
91-95	0	0	20	0	16	34	250	30,104	10,300	36	0	13		40,773
96-00	0	0	50	0	36	14	453	56,022	18,923	113	0	7		75,619
01-05	0	0	0	0	0	20	295	51,958	17,510	35	0	1	0	69,819
06-10	0	0	0	0	34	0	226	39,904	25,474	201	0	0		65,840
11-15	0	0	11	0	0	0	282	45,697	28,694	251	0	0		74,935

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DF 09/19/16

Results of Annual Monitoring Programs and Harvest of North American Migratory Sandhill Crane Populations.

POPULATION SURVEY						HARVEST							
MCP			RMP	LCRVP	EP	MCP			RMP	LCRVP	EP		
YEAR	CRUISE	TRANSECT	PHOTO CORRECTED			MN	US	CAN	TOTAL	US	US	KY	TN
1971								2,943	2,943				
1972								2,143	2,143				
1973								4,275	4,275				
1974	177,100							6,699	6,699				
1975	227,500						10,591	5,906	16,497				
1976	152,500						8,030	1,636	9,666				
1977	220,000						12,622	367	12,989				
1978	159,900	198,682					10,385	877	11,262				
1979		209,274			14,385		10,896	3,799	14,695				
1980	234,500	265,517			15,808		10,961	5,589	16,550				
1981		290,682			11,943		10,537	2,966	13,503	20			
1982		367,796	437,063		13,879		9,138	2,834	11,972	152			
1983		317,816	354,878		14,898		14,516	3,088	17,604	189			
1984		243,610	282,702		16,363		13,280	3,703	16,983	134			
1985		393,827	530,463		16,170		14,021	5,139	19,160	178			
1986		320,325	356,340		17,043		13,318	6,114	19,432	218			
1987		383,981	416,458	17,481	22,342		14,051	5,144	19,195	250			
1988		394,553	471,157		16,086		14,312	6,948	21,260	478			
1989		393,253	393,895		22,785		14,448	4,975	19,423	713			
1990		412,450	438,654		23,852		19,332	4,835	24,167	181			
1991		298,931	341,745		26,156		14,163	5,318	19,481	240			
1992		271,309	420,057	19,304	26,656		13,266	5,939	19,205	396			
1993		321,849	446,933		26,187		18,497	2,915	21,412	546			
1994		410,143	491,815		26,783		17,088	3,830	20,918	667			
1995		303,776	356,581	16,028	33,774		21,675	5,827	27,502	448			
1996		326,114	527,584	16,938	29,753		18,508	4,312	22,820	448			
1997		367,232	550,930	18,036	29,448		20,852	5,900	26,752	446			
1998		350,903	544,548	18,102	1,900	37,827	21,042	9,526	30,568	538			
1999		323,294	388,358	19,501	2,199	33,583	17,162	8,400	25,562	658			
2000		528,085	533,618	19,990	2,566	33,105	16,755	9,450	26,205	810			
2001		443,636	469,798	16,559	2,397	NS	16,196	8,786	24,982	898			
2002		342,429	348,444	18,803	1,640	31,575	14,220	7,947	22,167	643			
2003		333,618	380,723	19,523	2,085	29,300	18,983	9,585	28,568	528			
2004		386,470	447,634	18,510	2,528	28,947	15,340	11,037	26,377	594			
2005		450,985	530,615	20,865	2,637	37,708	19,053	9,876	28,929	702			
2006		256,164	294,410	NS	2,667	37,529	18,391	10,417	28,808	907			
2007		336,994	414,018	22,822	3,876	35,945	19,805	11,786	31,591	820			
2008		499,651	571,484	21,156	1,215	44,110	24,705	9,439	34,144	936			
2009		498,136	605,957	20,321	2,401	59,876	16,164	4,165	20,329	1,392			
2010		502,004	738,434	21,064	2,264	49,666	830	21,520	29,681	1,336	0		
2011		384,101	519,397	17,494	2,415	72,233	765	16,060	27,256	1,260		50	
2012		270,883	356,742	15,417	2,646	87,796	407	17,295	22,743	1,131		92	
2013		771,953	893,160	20,360	3,078	64,322	378	23,191	33,452	678		87	350
2014		440,148	655,823	19,668	2,536	83,479	247	17,420	30,479	624		96	393
2015		392,198	452,616	24,330	2,416	94,869	212	12,862	23,678	705		75	161

NS = No survey was conducted. Populations: MCP-MidContinent; RMP-Rocky Mountain; EP-Eastern;LCRVP-Lower Colorado River Valley

ESTIMATES OF BLACK DUCK HARVESTS<sup>1</sup> IN NORTH AMERICA

YEAR	AF	MF	CF	US TOTAL	CANADA	NA TOTAL
1999	101,997	57,682	0	159,679	174,943	334,622
2000	116,096	58,371	0	174,467	154,918	329,385
2001	95,889	31,816	0	127,705	124,075	251,780
2002	125,469	47,796	458	173,723	122,642	296,365
2003*	95,108	33,150	134	128,392	109,223	237,615
2004*	74,920	35,692	0	110,612	91,764	202,376
2005*	93,406	36,365	115	129,886	89,580	219,466
2006*	93,356	35,840	0	129,196	104,030	233,226
2007*	98,705	38,692	0	137,397	103,811	241,208
2008*	90,196	29,641	312	120,149	103,537	223,686
2009*	81,287	30,373	220	111,880	90,617	202,497
2010*	92,204	27,073	340	119,617	84,671	204,288
2011*	66,203	21,992	156	88,351	91,862	180,213
2012*	73,871	20,688	0	94,559	103,363	197,922
2013*	75,104	24,951	133	100,187	99,785	199,972
2014*	56,511	15,885	0	72,396	72,627	145,023
2015*	45,986	16,254	0	62,240	63,452	125,692
<b>AVERAGES:</b>						
99-00	109,047	58,027	0	167,073	164,931	332,004
01-05	96,958	36,964	141	134,064	107,457	241,520
06-10	91,150	32,324	174	123,648	97,333	220,981
11-15	63,535	19,954	58	83,547	86,218	169,764

\* - Preliminary

DF 09/19/16

<sup>1</sup> - US estimates are from Harvest Information Program.

**BREEDING POPULATION ESTIMATES FOR 10 SPECIES & FOR ALL DUCKS IN THE TRADITIONAL SURVEY AREA (000s)**

**ESTIMATES FOR MAY PONDS (000s)**

YEAR	MALLARD	GADWALL	WIGEON	GWTEAL	BWTEAL	SHVLR	PINTAIL	RDHED	CVSBK	SCAUP	ALL DUCKS	CANADA	US	TOTAL
1955	8,777	652	3,217	1,807	5,305	1,643	9,775	540	589	5,620	39,604			
1956	10,453	773	3,145	1,525	4,998	1,781	10,373	757	699	5,994	42,035			
1957	9,297	667	2,920	1,103	4,300	1,476	6,607	509	626	5,767	34,197			
1958	11,234	502	2,552	1,347	5,457	1,384	6,038	457	747	5,350	36,528			
1959	9,024	590	3,788	2,653	5,099	1,578	5,873	499	489	7,038	40,090			
1960	7,372	784	2,988	1,427	4,293	1,825	5,722	498	606	4,869	32,081			
1961	7,330	655	3,048	1,729	3,655	1,383	4,218	323	435	5,380	29,829	1,977		
1962	5,536	905	1,959	723	3,011	1,269	3,624	508	360	5,286	25,039	2,369		
1963	6,749	1,055	1,831	1,242	3,724	1,398	3,846	413	506	5,438	27,609	2,482		
1964	6,064	873	2,590	1,561	4,021	1,718	3,291	528	644	5,132	27,769	3,371		
1965	5,132	1,260	2,301	1,282	3,595	1,424	3,592	599	522	4,640	25,903	4,379		
1966	6,732	1,680	2,318	1,617	3,733	2,147	4,812	713	663	4,439	30,574	4,555		
1967	7,510	1,385	2,326	1,594	4,492	2,315	5,278	736	503	4,928	32,689	4,691		
1968	7,089	1,949	2,299	1,431	3,463	1,685	3,489	499	564	4,413	28,971	1,986		
1969	7,532	1,573	2,941	1,491	4,139	2,157	5,904	633	504	5,140	33,761	3,548		
1970	9,986	1,608	3,470	2,183	4,862	2,230	6,392	622	580	5,663	39,676	4,875		
1971	9,416	1,606	3,273	1,889	4,610	2,011	5,847	534	451	5,143	36,905	4,053		
1972	9,266	1,623	3,200	1,948	4,279	2,467	6,979	551	426	7,997	40,748	4,009		
1973	8,079	1,246	2,878	1,949	3,333	1,619	4,356	501	621	6,257	32,574	2,950		
1974	6,880	1,592	2,672	1,865	4,976	2,011	6,598	626	513	5,781	35,422	6,390	1,841	8,231
1975	7,727	1,644	2,778	1,665	5,885	1,981	5,900	832	595	6,460	37,793	5,320	1,911	7,231
1976	7,934	1,245	2,505	1,548	4,745	1,748	5,476	666	614	5,819	34,342	4,599	1,392	5,990
1977	7,397	1,299	2,575	1,286	4,463	1,452	3,926	634	664	6,260	32,049	2,278	771	3,049
1978	7,425	1,558	3,282	2,174	4,499	1,975	5,108	725	373	5,984	35,506	3,622	1,590	5,213
1979	7,883	1,758	3,107	2,072	4,876	2,407	5,376	698	582	7,658	38,622	4,859	1,522	6,381
1980	7,707	1,393	3,596	2,050	4,895	1,908	4,508	728	735	6,382	36,224	2,141	761	2,902
1981	6,410	1,395	2,946	1,911	3,721	2,334	3,480	595	621	5,991	32,267	1,443	683	2,126
1982	6,409	1,634	2,459	1,536	3,658	2,148	3,709	617	513	5,532	30,784	3,185	1,458	4,643
1983	6,456	1,519	2,636	1,875	3,367	1,876	3,511	712	527	7,174	32,635	3,906	1,259	5,165
1984	5,415	1,515	3,002	1,408	3,979	1,618	2,965	671	530	7,024	31,005	2,473	1,766	4,239
1985	4,961	1,303	2,051	1,475	3,502	1,702	2,516	578	376	5,098	25,638	4,283	1,327	5,610
1986	6,124	1,547	1,737	1,675	4,479	2,128	2,740	560	438	5,235	29,093	4,025	1,735	5,760
1987	5,790	1,306	2,013	2,006	3,529	1,950	2,628	502	450	4,863	27,412	2,524	1,348	3,872
1988	6,369	1,350	2,211	2,061	4,011	1,681	2,006	442	435	4,671	27,362	2,110	791	2,901
1989	5,645	1,415	1,973	1,842	3,125	1,538	2,112	511	477	4,342	25,113	1,693	1,290	2,983
1990	5,452	1,672	1,860	1,790	2,776	1,759	2,257	481	539	4,293	25,079	2,817	691	3,509
1991	5,445	1,584	2,254	1,558	3,764	1,716	1,803	446	491	5,255	26,606	2,494	706	3,200
1992	5,976	2,033	2,208	1,773	4,333	1,954	2,098	596	482	4,639	29,418	2,784	825	3,609
1993	5,708	1,755	2,053	1,695	3,193	2,047	2,053	485	472	4,080	26,312	2,261	1,351	3,612
1994	6,980	2,318	2,382	2,108	4,616	2,912	2,972	654	526	4,529	32,523	3,769	2,216	5,985
1995	8,269	2,836	2,615	2,301	5,140	2,855	2,758	889	771	4,446	35,870	3,893	2,443	6,335
1996	7,941	2,984	2,272	2,500	6,407	3,449	2,736	834	849	4,217	37,753	5,003	2,480	7,482
1997	9,940	3,897	3,118	2,507	6,124	4,120	3,558	918	689	4,112	42,556	5,061	2,397	7,458
1998	9,640	3,742	2,858	2,087	6,399	3,183	2,521	1,005	686	3,472	39,082	2,522	2,065	4,587
1999	10,806	3,236	2,920	2,631	7,150	3,886	3,058	974	716	4,412	43,436	3,862	2,842	6,704
2000	9,470	3,158	2,733	3,194	7,431	3,521	2,908	926	707	4,026	41,838	2,422	1,525	3,947

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**BREEDING POPULATION ESTIMATES FOR 10 SPECIES & FOR ALL DUCKS IN THE TRADITIONAL SURVEY AREA (000s)**

**ESTIMATES FOR MAY PONDS (000s)**

YEAR	MALLARD	GADWALL	WIGEON	GWTEAL	BWTEAL	SHVLR	PINTAIL	RDHED	CVSBK	SCAUP	ALL DUCKS	CANADA	US	TOTAL
Continued from previous page														
2001	7,904	2,679	2,494	2,509	5,757	3,314	3,296	712	580	3,694	36,177	2,747	1,893	4,640
2002	7,504	2,235	2,334	2,334	4,207	2,318	1,790	565	487	3,524	31,181	1,439	1,281	2,720
2003	7,950	2,549	2,551	2,678	5,518	3,620	2,558	637	558	3,734	36,225	3,522	1,668	5,190
2004	7,425	2,590	1,981	2,461	4,073	2,810	2,185	605	617	3,807	32,164	2,513	1,407	3,920
2005	6,755	2,179	2,225	2,157	4,586	3,592	2,561	592	521	3,387	31,735	3,921	1,461	5,382
2006	7,277	2,825	2,171	2,587	5,860	3,680	3,386	916	691	3,247	36,160	4,450	1,644	6,094
2007	8,307	3,355	2,806	2,890	6,707	4,553	3,335	1,009	865	3,452	41,172	5,040	1,963	7,003
2008	7,723	2,727	2,486	2,979	6,640	3,507	3,612	1,056	488	3,738	37,276	3,055	1,377	4,432
2009	8,512	3,054	2,469	3,444	7,384	4,376	3,225	1,044	662	4,172	42,005	3,568	2,866	6,434
2010	8,430	2,977	2,425	3,476	6,329	4,057	3,509	1,064	585	4,244	40,893	3,729	2,936	6,665
2011	9,183	3,257	2,084	2,900	8,949	4,641	4,429	1,356	692	4,319	45,554	4,893	3,239	8,132
2012	10,602	3,586	2,145	3,471	9,242	5,018	3,473	1,270	760	5,239	48,575	3,885	1,659	5,544
2013	10,372	3,351	2,644	3,053	7,732	4,751	3,335	1,202	787	4,166	45,607	4,551	2,341	6,892
2014	10,900	3,811	3,117	3,440	8,542	5,279	3,220	1,279	685	4,611	49,152	4,630	2,551	7,181
2015	11,643	3,834	3,037	4,081	8,547	4,391	3,043	1,196	757	4,395	49,522	4,151	2,157	6,308
2016	11,792	3,712	3,411	4,275	6,689	3,967	2,619	1,289	737	4,992	48,363	3,495	1,518	5,013
<b>AVERAGES</b>														
55-60	9,360	661	3,102	1,644	4,909	1,615	7,398	543	626	5,773	37,422			
61-65	6,162	950	2,346	1,307	3,601	1,438	3,714	474	493	5,175	27,230	2,916		
66-70	7,770	1,639	2,671	1,663	4,138	2,107	5,175	641	563	4,917	33,134	3,931		
71-75	8,274	1,542	2,960	1,863	4,617	2,018	5,936	609	521	6,328	36,688	4,544	1,876	7,731
76-80	7,669	1,451	3,013	1,826	4,696	1,898	4,879	690	594	6,421	35,349	3,500	1,207	4,707
81-85	5,930	1,473	2,619	1,641	3,645	1,936	3,236	635	513	6,164	30,466	3,058	1,299	4,357
86-90	5,876	1,458	1,959	1,875	3,584	1,811	2,349	499	468	4,681	26,812	2,634	1,171	3,805
91-95	6,476	2,105	2,302	1,887	4,209	2,297	2,337	614	548	4,590	30,146	3,040	1,508	4,548
96-00	9,559	3,403	2,780	2,584	6,702	3,632	2,956	931	729	4,048	40,933	3,774	2,262	6,036
01-05	7,508	2,446	2,317	2,428	4,828	3,131	2,478	622	553	3,629	33,497	2,828	1,542	4,371
06-10	8,050	2,988	2,471	3,075	6,584	4,035	3,413	1,018	658	3,771	39,501	3,968	2,157	6,126
11-15	10,540	3,568	2,605	3,389	8,602	4,816	3,500	1,261	736	4,546	47,682	4,422	2,389	6,811
55-15*	7,791	1,952	2,604	2,091	5,008	2,546	4,004	709	584	5,016	34,946	3,510	1,701	5,220
<b>PERCENT CHANGE IN 2016 FROM:</b>														
2015	1%	-3%	12%	5%	-22%	-10%	-14%	8%	-3%	14%	-2%	-16%	-30%	-21%
55-15*	51%	90%	31%	104%	34%	56%	-35%	82%	26%	0%	38%	0%	-11%	-4%

\* Averages for May ponds in Canada are from 1961 to present and 1974 to present in Central US.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
1999-2000**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	9,119	0	9,119	31,783	40,902
KANSAS	7,120	4,928	12,048	11,165	23,213
MONTANA	63	n/a	63	n/a	63
NEBRASKA	2,011	23,900	25,911	27,834	53,745
NEW MEXICO	4,842	n/a	4,842	174	5,016
NORTH DAKOTA	62,373	n/a	62,373	35,832	98,205
OKLAHOMA	5,058	n/a	5,058	2,668	7,726
SOUTH DAKOTA	14,746	n/a	14,746	68,917	83,663
TEXAS	341,126	n/a	341,126	102,225	443,351
WYOMING	0	n/a	0	n/a	0
<b>CENTRAL FLYWAY</b>	<b>446,458</b>	<b>28,828</b>	<b>475,286</b>	<b>280,598</b>	<b>755,884</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	97,584	n/a	97,584	132,156	229,740
ILLINOIS	1,076	n/a	1,076	7,612	8,688
INDIANA	0	n/a	0	27	27
IOWA	6,565	7,353	13,918	20,681	34,599
KENTUCKY	0	n/a	0	952	952
LOUISIANA	131,226	n/a	131,226	110,300	241,526
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	1,632	n/a	1,632	6,290	7,922
MISSISSIPPI	16,550	n/a	16,550	333	16,883
MISSOURI	46,685	n/a	46,685	84,521	131,206
OHIO	0	n/a	0	n/a	0
TENNESSEE	1,626	n/a	1,626	n/a	1,626
WISCONSIN	1,324	n/a	1,324	n/a	1,324
<b>MISSISSIPPI FLYWAY</b>	<b>304,268</b>	<b>7,353</b>	<b>311,621</b>	<b>362,872</b>	<b>674,493</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>750,726</b>	<b>36,181</b>	<b>786,907</b>	<b>643,470</b>	<b>1,430,377</b>
<b>CANADA (ON, MB, SK)*</b>	<b>151,203</b>	<b>n/a</b>	<b>151,203</b>	<b>1,267<sup>3</sup></b>	<b>152,470</b>
<b>TOTAL</b>	<b>901,929</b>	<b>36,181</b>	<b>938,110</b>	<b>644,737</b>	<b>1,582,847</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates.

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no daily bag or possession limits.

<sup>3</sup> Conservation season in MB only

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2000-2001**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	5,926	1,824	7,750	22,457	30,207
KANSAS	8,164	n/a	8,164	11,937	20,101
MONTANA	191	n/a	191	n/a	191
NEBRASKA	3,477	n/a	3,477	16,315	19,792
NEW MEXICO	5,566	n/a	5,566	1,925	7,491
NORTH DAKOTA	31,457	n/a	31,457	3,547	35,004
OKLAHOMA	8,784	n/a	8,784	1,603	10,387
SOUTH DAKOTA	2,500	n/a	2,500	54,375	56,875
TEXAS	317,262	n/a	317,262	77,322	394,584
WYOMING	114	n/a	114	875	989
<b>CENTRAL FLYWAY</b>	<b>383,441</b>	<b>1,824</b>	<b>385,265</b>	<b>190,356</b>	<b>575,621</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	73,423	n/a	73,423	97,295	170,718
ILLINOIS	1,320	n/a	1,320	36,830	38,150
INDIANA	0	n/a	0	45	45
IOWA	596	n/a	596	13,851	14,447
KENTUCKY	0	n/a	0	1,170	1,170
LOUISIANA	65,265	n/a	65,265	101,700	166,965
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	8,000	n/a	8,000	316	8,316
MISSISSIPPI	4,371	n/a	4,371	379	4,750
MISSOURI	13,802	n/a	13,802	94,354	108,156
OHIO	0	n/a	0	n/a	0
TENNESSEE	0	n/a	0	n/a	0
WISCONSIN	517	n/a	517	n/a	517
<b>MISSISSIPPI FLYWAY</b>	<b>167,294</b>	<b>n/a</b>	<b>167,294</b>	<b>345,940</b>	<b>513,234</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>550,735</b>	<b>1,824</b>	<b>552,559</b>	<b>536,296</b>	<b>1,088,855</b>
<b>CANADA (ON, MB, SK)*</b>	<b>117,483</b>	<b>n/a</b>	<b>117,483</b>	<b>5,233<sup>3</sup></b>	<b>122,716</b>
<b>OVERALL TOTAL</b>	<b>668,218</b>	<b>1,824</b>	<b>670,042</b>	<b>541,529</b>	<b>1,211,571</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates.

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no daily bag or possession limits.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2001-2002**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	5,768	4,000	9,768	7,594	17,362
KANSAS	4,405	n/a	4,405	35,138	39,543
MONTANA	106	n/a	106	n/a	106
NEBRASKA	5,869	n/a	5,869	54,300	60,169
NEW MEXICO	17,916	n/a	17,916	2,253	20,169
NORTH DAKOTA	44,021	n/a	44,021	6,424	50,445
OKLAHOMA	5,596	n/a	5,596	3,548	9,144
SOUTH DAKOTA	18,214	n/a	18,214	91,162	109,376
TEXAS	254,414	n/a	254,414	87,794	342,208
WYOMING	0	n/a	0	1,216	1,216
<b>CENTRAL FLYWAY</b>	<b>356,309</b>	<b>4,000</b>	<b>360,309</b>	<b>289,429</b>	<b>649,738</b>
ALABAMA	900	n/a	900	n/a	900
ARKANSAS	97,657	n/a	97,657	135,327	232,984
ILLINOIS	0	n/a	0	17,875	17,875
INDIANA	0	n/a	0	168	168
IOWA	5,039	n/a	5,039	29,249	34,288
KENTUCKY	1,372	n/a	1,372	1,235	2,607
LOUISIANA	98,748	n/a	98,748	102,800	201,548
MICHIGAN	217	n/a	217	n/a	217
MINNESOTA	2,388	n/a	2,388	3,516	5,904
MISSISSIPPI	2,000	n/a	2,000	1,554	3,554
MISSOURI	36,764	n/a	36,764	168,196	204,960
OHIO	0	n/a	0	n/a	0
TENNESSEE	0	n/a	0	n/a	0
WISCONSIN	411	n/a	411	n/a	411
<b>MISSISSIPPI FLYWAY</b>	<b>245,496</b>	<b>n/a</b>	<b>245,496</b>	<b>459,920</b>	<b>705,416</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>601,805</b>	<b>4,000</b>	<b>605,805</b>	<b>749,349</b>	<b>1,355,154</b>
<b>CANADA (ON, MB, SK)*</b>	<b>142,080</b>	<b>n/a</b>	<b>142,080</b>	<b>7,718<sup>3</sup></b>	<b>149,798</b>
<b>TOTAL</b>	<b>743,885</b>	<b>4,000</b>	<b>747,885</b>	<b>757,067</b>	<b>1,504,952</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates.

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no daily bag or possession limits.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2002-2003**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	10,807	n/a	10,807	27,395	38,202
KANSAS	18,222	n/a	18,222	17,087	35,309
MONTANA	385	n/a	385	n/a	385
NEBRASKA	11,678	n/a	11,678	87,585	99,263
NEW MEXICO	6,285	n/a	6,285	1,268	7,553
NORTH DAKOTA	20,674	n/a	20,674	12,340	33,014
OKLAHOMA	4,251	n/a	4,251	1,991	6,242
SOUTH DAKOTA	23,898	n/a	23,898	70,072	93,970
TEXAS	171,673	n/a	171,673	35,625	207,298
WYOMING	0	n/a	0	1,772	1,772
<b>CENTRAL FLYWAY</b>	<b>267,873</b>	<b>0</b>	<b>267,873</b>	<b>255,135</b>	<b>523,008</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	61,311	n/a	61,311	91,505	152,816
ILLINOIS	420	n/a	420	30,564	30,984
INDIANA	0	n/a	0	17	17
IOWA	1,079	n/a	1,079	17,006	18,085
KENTUCKY	970	n/a	970	1,288	2,258
LOUISIANA	33,106	n/a	33,106	98,600	131,706
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	3,990	n/a	3,990	2,005	5,995
MISSISSIPPI	2,203	n/a	2,203	3,600	5,803
MISSOURI	14,329	n/a	14,329	140,806	155,135
OHIO	0	n/a	0	n/a	0
TENNESSEE	1,548	n/a	1,548	n/a	1,548
WISCONSIN	306	n/a	306	n/a	306
<b>MISSISSIPPI FLYWAY</b>	<b>119,262</b>	<b>0</b>	<b>119,262</b>	<b>385,391</b>	<b>504,653</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>387,135</b>	<b>0</b>	<b>387,135</b>	<b>640,526</b>	<b>1,027,661</b>
<b>CANADA (ON, MB, SK)*</b>	<b>697 **</b>	<b>140,014 ***</b>	<b>140,711</b>	<b>12,939<sup>3</sup></b>	<b>153,650</b>
<b>TOTAL</b>	<b>387,832</b>	<b>140,014</b>	<b>527,846</b>	<b>653,465</b>	<b>1,181,311</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates.

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no daily bag or possession limits.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2003-2004**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	16,786	n/a	16,786	24,497	41,283
KANSAS	19,263	n/a	19,263	65,608	84,871
MONTANA	453	n/a	453	n/a	453
NEBRASKA	5,513	n/a	5,513	138,012	143,525
NEW MEXICO	3,465	n/a	3,465	7,372	10,837
NORTH DAKOTA	24,912	n/a	24,912	12,924	37,836
OKLAHOMA	2,109	n/a	2,109	1,575	3,684
SOUTH DAKOTA	28,523	n/a	28,523	96,767	125,290
TEXAS	145,491	n/a	145,491	34,827	180,318
WYOMING	325	n/a	325	1,364	1,689
<b>CENTRAL FLYWAY</b>	<b>246,840</b>	<b>0</b>	<b>246,840</b>	<b>382,946</b>	<b>629,786</b>
ALABAMA	497	n/a	497	n/a	497
ARKANSAS	60,677	n/a	60,677	88,606	149,283
ILLINOIS	1,816	n/a	1,816	37,189	39,005
INDIANA	258	n/a	258	41	299
IOWA	14,829	n/a	14,829	32,181	47,010
KENTUCKY	4,695	n/a	4,695	1,168	5,863
LOUISIANA	74,403	n/a	74,403	105,500	179,903
MICHIGAN	240	n/a	240	n/a	240
MINNESOTA	4,304	n/a	4,304	2,735	7,039
MISSISSIPPI	10,652	n/a	10,652	7,955	18,607
MISSOURI	25,440	n/a	25,440	147,262	172,702
OHIO	254	n/a	254	n/a	254
TENNESSEE	4,906	n/a	4,906	n/a	4,906
WISCONSIN	1,223	n/a	1,223	n/a	1,223
<b>MISSISSIPPI FLYWAY</b>	<b>204,194</b>	<b>0</b>	<b>204,194</b>	<b>422,637</b>	<b>626,831</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>451,034</b>	<b>0</b>	<b>451,034</b>	<b>805,583</b>	<b>1,256,617</b>
<b>CANADA (ON, MB, SK)*</b>	<b>910 **</b>	<b>164,547 ***</b>	<b>165,457</b>	<b>16,881<sup>3</sup></b>	
<b>TOTAL</b>	<b>451,944</b>	<b>164,547</b>	<b>616,491</b>	<b>822,464</b>	<b>1,256,617</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no daily bag or possession limits.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2004-2005**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	9,320	n/a	9,320	16,135	25,455
KANSAS	16,481	n/a	16,481	25,272	41,753
MONTANA	113	n/a	113	n/a	113
NEBRASKA	964	n/a	964	111,172	112,136
NEW MEXICO	3,305	n/a	3,305	736	4,041
NORTH DAKOTA	17,860	n/a	17,860	11,170	29,030
OKLAHOMA	3,696	n/a	3,696	490	4,186
SOUTH DAKOTA	29,785	n/a	29,785	116,397	146,182
TEXAS	134,031	n/a	134,031	37,354	171,385
WYOMING	0	n/a	0	1,070	1,070
<b>CENTRAL FLYWAY</b>	<b>215,555</b>	<b>0</b>	<b>215,555</b>	<b>319,796</b>	<b>535,351</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	54,902	n/a	54,902	77,228	132,130
ILLINOIS	1,269	n/a	1,269	43,839	45,108
INDIANA	0	n/a	0	42	42
IOWA	1,044	n/a	1,044	12,771	13,815
KENTUCKY	990	n/a	990	450	1,440
LOUISIANA	68,068	n/a	68,068	66,800	134,868
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	1,439	n/a	1,439	1,395	2,834
MISSISSIPPI	9,732	n/a	9,732	3,223	12,955
MISSOURI	35,539	n/a	35,539	134,814	170,353
OHIO	0	n/a	0	n/a	0
TENNESSEE	0	n/a	0	n/a	0
WISCONSIN	0	n/a	0	n/a	0
<b>MISSISSIPPI FLYWAY</b>	<b>172,983</b>	<b>0</b>	<b>172,983</b>	<b>340,562</b>	<b>513,545</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>388,538</b>	<b>0</b>	<b>388,538</b>	<b>660,358</b>	<b>1,048,896</b>
<b>CANADA (ON, MB, SK)*</b>	<b>751 **</b>	<b>120,835 ***</b>	<b>121,586</b>	<b>9,886<sup>3</sup></b>	<b>131,472</b>
<b>TOTAL</b>	<b>389,289</b>	<b>120,835</b>	<b>510,124</b>	<b>670,244</b>	<b>1,180,368</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no daily bag or possession limits.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2005-2006**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION- ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular- Season Harvest		
COLORADO	5,998	n/a	5,998	18,535	24,533
KANSAS	3,689	n/a	3,689	18,802	22,491
MONTANA	54	n/a	54	n/a	54
NEBRASKA	4,359	n/a	4,359	129,631	133,990
NEW MEXICO	2,723	n/a	2,723	2,529	5,252
NORTH DAKOTA	20,076	n/a	20,076	11,033	31,109
OKLAHOMA	9,546	n/a	9,546	615	10,161
SOUTH DAKOTA	21,440	n/a	21,440	99,547	120,987
TEXAS	228,651	n/a	228,651	28,905	257,556
WYOMING	0	n/a	0	2,622	2,622
<b>CENTRAL FLYWAY</b>	<b>296,536</b>	<b>0</b>	<b>296,536</b>	<b>312,219</b>	<b>608,755</b>
ALABAMA	486	n/a	486	n/a	486
ARKANSAS	85,763	n/a	85,763	137,908	223,671
ILLINOIS	3,275	n/a	3,275	74,268	77,543
INDIANA	515	n/a	515	277	792
IOWA	390	n/a	390	21,263	21,653
KENTUCKY	865	n/a	865	731	1,596
LOUISIANA	94,769	n/a	94,769	96,300	191,069
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	234	n/a	234	1,360	1,594
MISSISSIPPI	16,772	n/a	16,772	6,108	22,880
MISSOURI	19,925	n/a	19,925	142,639	162,564
OHIO	0	n/a	0	n/a	0
TENNESSEE	0	n/a	0	n/a	0
WISCONSIN	675	n/a	675	n/a	675
<b>MISSISSIPPI FLYWAY</b>	<b>223,669</b>	<b>0</b>	<b>223,669</b>	<b>480,854</b>	<b>704,523</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>520,205</b>	<b>0</b>	<b>520,205</b>	<b>793,073</b>	<b>1,313,278</b>
<b>CANADA (ON, MB, SK)*</b>	<b>391 **</b>	<b>109,250 ***</b>	<b>109,641</b>	<b>12,219 <sup>3</sup></b>	<b>121,860</b>
<b>TOTAL</b>	<b>520,596</b>	<b>109,250</b>	<b>629,846</b>	<b>805,292</b>	<b>1,435,138</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU



**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2006-2007**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	13,429	n/a	13,429	23,375	36,804
KANSAS	12,848	n/a	12,848	12,711	25,559
MONTANA	0	n/a	0	0	0
NEBRASKA	1,269	n/a	1,269	96,724	97,993
NEW MEXICO	2,977	n/a	2,977	2,765	5,742
NORTH DAKOTA	32,173	n/a	32,173	12,535	44,708
OKLAHOMA	10,664	n/a	10,664	1,198	11,862
SOUTH DAKOTA	25,780	n/a	25,780	96,555	122,335
TEXAS	119,360	n/a	119,360	17,817	137,177
WYOMING	0	n/a	0	928	928
<b>CENTRAL FLYWAY</b>	<b>218,500</b>	<b>0</b>	<b>218,500</b>	<b>264,608</b>	<b>483,108</b>
ALABAMA	936	n/a	936	n/a	936
ARKANSAS	76,319	n/a	76,319	116,818	197,949
ILLINOIS	4,969	n/a	4,969	44,514	49,483
INDIANA	0	n/a	0	1,216	1,216
IOWA	242	n/a	242	17,525	17,767
KENTUCKY	0	n/a	0	3,657	3,657
LOUISIANA	53,402	n/a	53,402	80,500	133,902
MICHIGAN	208	n/a	208	n/a	208
MINNESOTA	2,697	n/a	2,697	1,786	4,483
MISSISSIPPI	2,006	n/a	2,006	11,776	13,782
MISSOURI	8,091	n/a	8,091	159,020	167,111
OHIO	0	n/a	0	n/a	0
TENNESSEE	1,025	n/a	1,025	n/a	1,025
WISCONSIN	507	n/a	507	n/a	507
<b>MISSISSIPPI FLYWAY</b>	<b>150,402</b>	<b>0</b>	<b>150,402</b>	<b>436,812</b>	<b>587,214</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>368,902</b>	<b>0</b>	<b>368,902</b>	<b>701,420</b>	<b>1,070,322</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>1,122 **</b>	<b>173,693 ***</b>	<b>174,815</b>	<b>9,904<sup>3</sup></b>	<b>184,719</b>
<b>TOTAL</b>	<b>370,024</b>	<b>173,693</b>	<b>543,717</b>	<b>711,324</b>	<b>1,255,041</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB and SK

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2007-2008**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	11,528	n/a	11,528	13,745	25,273
KANSAS	10,943	n/a	10,943	4,260	15,203
MONTANA	83	n/a	83	.	83
NEBRASKA	999	n/a	999	65,947	66,946
NEW MEXICO	2,333	n/a	2,333	2,145	4,478
NORTH DAKOTA	28,648	n/a	28,648	11,387	40,035
OKLAHOMA	6,138	n/a	6,138	842	6,980
SOUTH DAKOTA	10,581	n/a	10,581	107,137	117,718
TEXAS	125,725	n/a	125,725	22,831	148,556
WYOMING	43	n/a	43	1,019	1,062
<b>CENTRAL FLYWAY</b>	<b>197,021</b>	<b>0</b>	<b>197,021</b>	<b>229,313</b>	<b>426,334</b>
ALABAMA	447	n/a	447	n/a	447
ARKANSAS	44,353	n/a	44,353	122,881	167,234
ILLINOIS	6,919	n/a	6,919	97,021	103,940
INDIANA	0	n/a	0	155	155
IOWA	266	n/a	266	15,198	15,464
KENTUCKY	821	n/a	821	2,547	3,368
LOUISIANA	65,679	n/a	65,679	58,900	124,579
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	331	n/a	331	2,412	2,743
MISSISSIPPI	19,123	n/a	19,123	8,965	28,088
MISSOURI	3,197	n/a	3,197	141,779	144,976
OHIO	307	n/a	307	n/a	307
TENNESSEE	8,195	n/a	8,195	n/a	8,195
WISCONSIN	0	n/a	0	n/a	0
<b>MISSISSIPPI FLYWAY</b>	<b>149,638</b>	<b>0</b>	<b>149,638</b>	<b>449,858</b>	<b>599,496</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>346,659</b>	<b>0</b>	<b>346,659</b>	<b>679,171</b>	<b>1,025,830</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>254 **</b>	<b>103,489 ***</b>	<b>103,743</b>	<b>6,460<sup>3</sup></b>	<b>110,203</b>
<b>TOTAL</b>	<b>346,913</b>	<b>103,489</b>	<b>450,402</b>	<b>685,631</b>	<b>1,136,033</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2008-2009**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION-ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular-Season Harvest		
COLORADO	4,991	n/a	4,991	23,072	28,063
KANSAS <sup>3</sup>	12,540	n/a	12,540	11,924	24,464
MONTANA	0	n/a	0	n/a	0
NEBRASKA	1,437	n/a	1,437	135,247	136,684
NEW MEXICO <sup>3</sup>	371	n/a	371	2,480	2,851
NORTH DAKOTA	32,843	n/a	32,843	6,813	39,656
OKLAHOMA	3,382	n/a	3,382	561	3,943
SOUTH DAKOTA	26,561	n/a	26,561	116,949	143,510
TEXAS	122,275	n/a	122,275	14,217	136,492
WYOMING	0	n/a	0	845	845
<b>CENTRAL FLYWAY</b>	<b>204,400</b>	<b>0</b>	<b>204,400</b>	<b>312,108</b>	<b>516,508</b>
ALABAMA	361	n/a	361	n/a	361
ARKANSAS	73,117	n/a	73,117	137,127	210,244
ILLINOIS	5,136	n/a	5,136	85,635	90,771
INDIANA	0	n/a	0	78	78
IOWA	555	n/a	555	23,652	24,207
KENTUCKY	4,737	n/a	4,737	652	5,389
LOUISIANA	57,142	n/a	57,142	49,600	106,742
MICHIGAN	953	n/a	953	n/a	953
MINNESOTA	1,543	n/a	1,543	4,366	5,909
MISSISSIPPI	7,632	n/a	7,632	10,924	18,556
MISSOURI	5,732	n/a	5,732	224,313	230,045
OHIO	356	n/a	356	n/a	356
TENNESSEE	946	n/a	946	n/a	946
WISCONSIN	135	n/a	135	n/a	135
<b>MISSISSIPPI FLYWAY</b>	<b>158,345</b>	<b>0</b>	<b>158,345</b>	<b>536,347</b>	<b>694,692</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>362,745</b>	<b>0</b>	<b>362,745</b>	<b>848,455</b>	<b>1,211,200</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>262 **</b>	<b>195,520 ***</b>	<b>195,782</b>	<b>12,397<sup>4</sup></b>	<b>208,179</b>
<b>TOTAL</b>	<b>363,007</b>	<b>195,520</b>	<b>558,527</b>	<b>860,852</b>	<b>1,419,379</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> New Mexico & Kansas was unable to conduct a Light Conservation Order survey for 2008-09 season. Numbers were calculated based on the average over the last 3 years.

<sup>4</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2009-2010**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION- ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular- Season Harvest		
COLORADO	3,406	n/a	3,406	11,473	14,879
KANSAS	4,267	n/a	4,267	15,244	19,511
MONTANA	494	n/a	494	n/a	494
NEBRASKA	5,174	n/a	5,174	58,592	63,766
NEW MEXICO	734	n/a	734	198	932
NORTH DAKOTA	33,168	n/a	33,168	7,149	40,317
OKLAHOMA	2,297	n/a	2,297	930	3,227
SOUTH DAKOTA	18,341	n/a	18,341	52,548	70,889
TEXAS	53,804	n/a	53,804	9,409	63,213
WYOMING	66	n/a	66	230	296
<b>CENTRAL FLYWAY</b>	<b>121,751</b>	<b>0</b>	<b>121,751</b>	<b>155,773</b>	<b>277,524</b>
ALABAMA	0	n/a	0	n/a	
ARKANSAS	26,189	n/a	26,189	115,401	141,590
ILLINOIS	1,625	n/a	1,625	65,987	67,612
INDIANA	0	n/a	0	45	45
IOWA	0	n/a	0	8,153	8,153
KENTUCKY	405	n/a	405	2,378	2,783
LOUISIANA	29,600	n/a	29,600	29,000	58,600
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	0	n/a	0	559	559
MISSISSIPPI	0	n/a	0	8,959	8,959
MISSOURI	9,177	n/a	9,177	86,462	95,639
OHIO	0	n/a	0	n/a	0
TENNESSEE	578	n/a	578	n/a	578
WISCONSIN	0	n/a	0	n/a	0
<b>MISSISSIPPI FLYWAY</b>	<b>67,574</b>	<b>0</b>	<b>67,574</b>	<b>316,944</b>	<b>384,518</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>189,325</b>	<b>0</b>	<b>189,325</b>	<b>472,717</b>	<b>662,042</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>972 **</b>	<b>112,903 ***</b>	<b>113,875</b>	<b>7,011 <sup>3</sup></b>	<b>120,886</b>
<b>TOTAL</b>	<b>190,297</b>	<b>112,903</b>	<b>303,200</b>	<b>479,728</b>	<b>782,928</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2010-2011**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION- ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular- Season Harvest		
COLORADO	2,428	n/a	2,428	28,193	30,621
KANSAS	4,459	n/a	4,459	53,863	58,322
MONTANA	0	n/a	0	n/a	0
NEBRASKA	0	n/a	0	156,891	156,891
NEW MEXICO	497	n/a	497	93	590
NORTH DAKOTA	36,101	n/a	36,101	9,425	45,526
OKLAHOMA	8,336	n/a	8,336	1,639	9,975
SOUTH DAKOTA	18,612	n/a	18,612	110,990	129,602
TEXAS	106,839	n/a	106,839	13,859	120,698
WYOMING	90	n/a	90	873	963
<b>CENTRAL FLYWAY</b>	<b>177,362</b>	<b>0</b>	<b>177,362</b>	<b>375,826</b>	<b>553,188</b>
ALABAMA	477	n/a	477	n/a	477
ARKANSAS	51446	n/a	51,446	149,578	201,024
ILLINOIS	2563	n/a	2,563	66,406	68,969
INDIANA	0	n/a	0	264	264
IOWA	156	n/a	156	15,139	15,295
KENTUCKY	0	n/a	0	2,571	2,571
LOUISIANA	15909	n/a	15,909	41,686	57,595
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	1967	n/a	1,967	1,554	3,521
MISSISSIPPI	9520	n/a	9,520	12,618	22,138
MISSOURI	4898	n/a	4,898	193,461	198,359
OHIO	0	n/a	0	n/a	0
TENNESSEE	503	n/a	503	n/a	503
WISCONSIN	105	n/a	105	n/a	105
<b>MISSISSIPPI FLYWAY</b>	<b>87,544</b>	<b>0</b>	<b>87,544</b>	<b>483,277</b>	<b>570,821</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>264,906</b>	<b>0</b>	<b>264,906</b>	<b>859,103</b>	<b>1,124,009</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>427 **</b>	<b>117,971 ***</b>	<b>118,398</b>	<sup>3</sup>	<b>118,398</b>
<b>TOTAL</b>	<b>265,333</b>	<b>117,971</b>	<b>383,304</b>	<b>859,103</b>	<b>1,242,407</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2011-2012**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION- ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular- Season Harvest		
COLORADO	8,845	n/a	8,845	18,971	27,816
KANSAS	19,876	n/a	19,876	62,092	81,968
MONTANA	0	n/a	0	n/a	0
NEBRASKA	7,362	n/a	7,362	121,784	129,146
NEW MEXICO	1,809	n/a	1,809	477	2,286
NORTH DAKOTA	31,233	n/a	31,233	13,948	45,181
OKLAHOMA	3,291	n/a	3,291	520	3,811
SOUTH DAKOTA	12,517	n/a	12,517	108,358	120,875
TEXAS	116,090	n/a	116,090	9,924	126,014
WYOMING	331	n/a	331	660	991
<b>CENTRAL FLYWAY</b>	<b>201,354</b>	<b>0</b>	<b>201,354</b>	<b>336,734</b>	<b>538,088</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	50,751	n/a	50,751	123,161	173,912
ILLINOIS	7,748	n/a	7,748	87,558	95,306
INDIANA	0	n/a	0	308	308
IOWA	146	n/a	146	14,946	15,092
KENTUCKY	428	n/a	428	1,267	1,695
LOUISIANA	41,065	n/a	41,065	135,219	176,284
MICHIGAN	0	n/a	0	n/a	0
MINNESOTA	9,576	n/a	9,576	2,620	12,196
MISSISSIPPI	9,111	n/a	9,111	6,208	15,319
MISSOURI	8,261	n/a	8,261	186,982	195,243
OHIO	0	n/a	0	n/a	0
TENNESSEE	0	n/a	0	n/a	0
WISCONSIN	306	n/a	306	n/a	306
<b>MISSISSIPPI FLYWAY</b>	<b>127,392</b>	<b>0</b>	<b>127,392</b>	<b>558,269</b>	<b>685,661</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>328,746</b>	<b>0</b>	<b>328,746</b>	<b>895,003</b>	<b>1,223,749</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>198 **</b>	<b>136,502 ***</b>	<b>136,700</b>	<b>11,441<sup>3</sup></b>	<b>148,141</b>
<b>TOTAL</b>	<b>328,944</b>	<b>136,502</b>	<b>465,446</b>	<b>906,444</b>	<b>1,371,890</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates (ex. Regular season 1999-2000, Conservation Order from Spring 2000).

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2012-2013**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION- ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular- Season Harvest		
COLORADO	1,568	n/a	1,568	13,417	14,985
KANSAS	13,016	n/a	13,016	80,436	93,452
MONTANA	0	n/a	0	n/a	0
NEBRASKA	1,051	n/a	1,051	107,283	108,334
NEW MEXICO <sup>4</sup>	1,841	n/a	1,841	256	2,097
NORTH DAKOTA	33,885	n/a	33,885	20,981	54,866
OKLAHOMA	4,206	n/a	4,206	832	5,038
SOUTH DAKOTA	35,530	n/a	35,530	168,496	204,026
TEXAS	85,492	n/a	85,492	12,900	98,392
WYOMING	330	n/a	330	436	766
<b>CENTRAL FLYWAY</b>	<b>176,919</b>	<b>0</b>	<b>176,919</b>	<b>405,037</b>	<b>581,956</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	35,298	n/a	35,298	158,174	193,472
ILLINOIS	0	n/a	0	73,495	73,495
INDIANA	366	n/a	366	974	1,340
IOWA	138	n/a	138	22,938	23,076
KENTUCKY	511	n/a	511	1,586	2,097
LOUISIANA	20,556	n/a	20,556	43,637	64,193
MICHIGAN	222	n/a	222	n/a	222
MINNESOTA	870	n/a	870	2,430	3,300
MISSISSIPPI	1,762	n/a	1,762	5,632	7,394
MISSOURI	8,890	n/a	8,890	223,267	232,157
OHIO	0	n/a	0	n/a	0
TENNESSEE	0	n/a	0	n/a	0
WISCONSIN	0	n/a	0	n/a	0
<b>MISSISSIPPI FLYWAY</b>	<b>68,613</b>	<b>0</b>	<b>68,613</b>	<b>532,133</b>	<b>600,746</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>245,532</b>	<b>0</b>	<b>245,532</b>	<b>937,170</b>	<b>1,182,702</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>1,061 **</b>	<b>130,581 ***</b>	<b>131,642</b>	<b>3,108<sup>3</sup></b>	<b>134,750</b>
<b>TOTAL</b>	<b>246,593</b>	<b>130,581</b>	<b>377,174</b>	<b>940,278</b>	<b>1,317,452</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates (ex. Regular season 1999-2000, Conservation Order from Spring 2000).

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

<sup>4</sup> New Mexico was unable to conduct a Light Conservation Order survey for 2012-13 season. Numbers were calculated based on the average over the last 3 years.

\*\* ON only

\*\*\* MB, SK, and NU

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS  
2013-2014**

STATE	REGULAR-SEASON HARVEST*			CONSERVATION- ORDER HARVEST <sup>1 2</sup>	TOTAL HARVEST
	Without Special Prov. <sup>2</sup>	With Special Prov. <sup>2</sup>	Total Regular- Season Harvest		
COLORADO	4,662	n/a	4,662	34,216	38,878
KANSAS	16,281	n/a	16,281	90,990	107,271
MONTANA	111	n/a	111	n/a	111
NEBRASKA	3,538	n/a	3,538	86,175	89,713
NEW MEXICO	0	n/a	0	803	803
NORTH DAKOTA	29,487	n/a	29,487	49,045	78,532
OKLAHOMA	6,168	n/a	6,168	1,581	7,749
SOUTH DAKOTA	15,292	n/a	15,292	149,115	164,407
TEXAS	66,234	n/a	66,234	13,436	79,670
WYOMING	0	n/a	0	449	449
<b>CENTRAL FLYWAY</b>	<b>141,773</b>	<b>0</b>	<b>141,773</b>	<b>425,810</b>	<b>567,583</b>
ALABAMA	0	n/a	0	n/a	0
ARKANSAS	46,980	n/a	46,980	264,233	311,213
ILLINOIS	1,425	n/a	1,425	82,161	83,586
INDIANA	0	n/a	0	423	423
IOWA	0	n/a	0	27,420	27,420
KENTUCKY	0	n/a	0	2,293	2,293
LOUISIANA <sup>4</sup>	15,380	n/a	15,380	26,570	41,950
MICHIGAN	244	n/a	244	n/a	244
MINNESOTA	0	n/a	0	2,880	2,880
MISSISSIPPI	3,590	n/a	3,590	6,028	9,618
MISSOURI	1,196	n/a	1,196	248,896	250,092
OHIO	0	n/a	0	n/a	0
TENNESSEE	1,496	n/a	1,496	n/a	1,496
WISCONSIN	256	n/a	256	n/a	256
<b>MISSISSIPPI FLYWAY</b>	<b>70,567</b>	<b>0</b>	<b>70,567</b>	<b>660,904</b>	<b>731,471</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>	<b>212,340</b>	<b>0</b>	<b>212,340</b>	<b>1,086,714</b>	<b>1,299,054</b>
<b>CANADA (ON, MB, SK, NU)*</b>	<b>1,182 **</b>	<b>165,464 ***</b>	<b>166,646</b>	<b>12,897<sup>3</sup></b>	<b>179,543</b>
<b>TOTAL</b>	<b>213,522</b>	<b>165,464</b>	<b>378,986</b>	<b>1,099,611</b>	<b>1,478,597</b>

\* U.S. (HIP) and Canada Federal harvest-survey estimates. U.S. estimates are preliminary

<sup>1</sup> State harvest-survey estimates (ex. Regular season 1999-2000, Conservation Order from Spring 2000).

<sup>2</sup> In the U.S., special provisions during the regular season include the use of unplugged shotguns and electronic calls; Conservation-Order provisions include regular-season special provisions, shooting hours ending 1/2-hour after sunset, extension beyond March 10, and no bag limit.

<sup>3</sup> Conservation seasons in MB, SK, and NU, but only SK sampled

<sup>4</sup> In LA regular season harvest probably contains Conservation Order take because zones and season overlap make it hard to separate.

\*\* ON only

\*\*\* MB, SK, and NU



**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS  
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS  
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2014-2015<sup>1</sup>**

STATE	DATES	CONSERVATION ORDER HARVEST				REGULAR SEASON HARVEST	TOTAL HARVEST
		NO. OF HUNTERS	HUNTER-DAYS	UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST		
COLORADO	Feb 16 - Apr 30	2,693	13,907	941	15,719	917	16,636
KANSAS	Feb 15 - Apr 30	3,584	13,659	4,115	55,271	32,409	87,680
NEBRASKA	Feb 09 - Apr 15	5,597	25,495	1,987	106,226	700	106,926
NEW MEXICO <sup>3,4</sup>	Feb 01 - Mar 10	256	529	51	205	5,386	5,591
NORTH DAKOTA <sup>5</sup>	Feb 21 - May 17	3,622	12,677	5,505	77,869	17,398	95,267
OKLAHOMA	Feb 16 - Mar 30	80	344	18	648	9,072	9,720
SOUTH DAKOTA	Feb 14 - May 03	6,424	28,971	6,756	165,331	12,734	178,065
TEXAS <sup>2</sup>	Jan 28 - Mar 24	2,260	5,931	1,580	17,516	185,873	203,389
WYOMING	Feb 25 - Apr 07	90	352	27	561	0	561
REST OF FLYWAY	N/A	-	-	-	-	0	0
<b>CENTRAL FLYWAY</b>		<b>21,913</b>	<b>87,958</b>	<b>20,980</b>	<b>439,346</b>	<b>264,491</b>	<b>703,835</b>
ARKANSAS	Oct 11-Nov 12 Jan 26-Jan 30 Feb 2 - Apr 25	6,744	37,127	23,833	322,339	55,625	377,964
ILLINOIS <sup>2</sup>	Jan 17 - Mar 31	2,599	30,360	5,491	123,944	6,709	130,653
INDIANA <sup>2</sup>	Feb 01 - Mar 31	168	396	261	1,187		
IOWA	Jan 17 - Apr 15	1,877	10,356	1,106	19,518	2,536	22,054
KENTUCKY <sup>2</sup>	Feb 01 - Mar 31	133	1,155	688	3,743	1,286	5,029
LOUISIANA <sup>2,6</sup>	Dec 08 - Dec 12 & Dec 15 - Dec 19 & Jan 26 - Mar 02	982	23,954	6,405	70,642	14,468	85,110
MINNESOTA	Mar 01 - Apr 30	621	2,434	349	3,266	412	3,678
MISSISSIPPI	Oct 01 - Nov 12 & Jan 26 - Jan 30 & Feb 01 - Mar 31	394	1,091	-	4,283	8,227	12,510
MISSOURI	Feb 1 - Apr 30	7,849	36,715	-	265,584	5,375	270,959
REST OF FLYWAY	N/A	-	-	-	-	8,657	8,657
<b>MISSISSIPPI FLYWAY</b>		<b>21,367</b>	<b>143,588</b>	<b>38,133</b>	<b>814,506</b>	<b>103,296</b>	<b>916,614</b>
<b>CENTRAL + MISSISSIPPI FLYWAYS</b>		<b>43,280</b>	<b>231,546</b>	<b>59,113</b>	<b>1,253,852</b>	<b>367,787</b>	<b>1,620,449</b>
<b>CANADA (QC, ON, MB, SK, AB)</b>		<b>5,747</b>	<b>18,709</b>	<b>-</b>	<b>65,302</b>	<b>314,478</b>	<b>379,780</b>
<b>TOTAL</b>		<b>70,394</b>	<b>393,843</b>	<b>97,246</b>	<b>2,133,660</b>	<b>785,561</b>	<b>2,916,843</b>

<sup>1</sup> Regular Season Est. = U.S. (HIP) and Canada Federal Harvest-survey. Conservation Order Est. = State harvest-survey.

<sup>2</sup> Dates vary by zone - dates shown are inclusive for all zones<sup>3</sup> In 2009 NM changed their survey methods from previous years

<sup>4</sup> New Mexico was unable to conduct a Light Conservation Order survey for 2012-13 season. Numbers were calculated based on the average over the last 3 years.

<sup>5</sup> Starting in 2014 ND is only reporting "uncorrected" harvest estimates due to concern that correcting for bias might be too conservative when bags are much larger with today's methods.

<sup>6</sup> In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.