

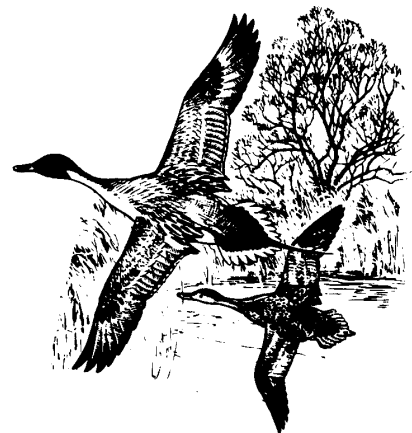
WATERFOWL HARVEST AND POPULATION SURVEY DATA

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

compiled by

David Fronczak
U.S. Fish and Wildlife Service
Division of Migratory Bird Management
Bloomington, MN

**Preliminary
September 24, 2021**



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".

CONTENTS

MISSISSIPPI FLYWAY

Duck Frameworks	1
Duck Hunter Numbers	3
Duck Hunter-days.....	3
Days per Duck Hunter	3
Seasonal Bag per Duck Hunter	4
Daily Bag per Duck Hunter	4
Goose Hunter Numbers	5
Goose Hunter-days	5
Days per Goose Hunter.....	5
Seasonal Bag per Goose Hunter	6
Daily Bag per Goose Hunter	6
Species Ranking	7
<i>Waterfowl Harvest Estimates:</i>	
All Ducks	8
Mallards	8
Black Ducks	8
Gadwall.....	9
Wigeon.....	9
Green-winged Teal (All Seasons)	10
Blue-winged Teal (All Seasons)	11
Northern Shoveler	12
Pintails	12
Wood Ducks (All Seasons)	13
Redheads.....	14
Canvasbacks	14
Lesser Scaup	14
Greater Scaup.....	15
Ring-necked Ducks.....	15
Goldeneye.....	15
Bufflehead.....	16
Ruddy Ducks.....	16
Mergansers (Hooded, Common, Red-Breasted).....	17
Scoters.....	18
Long-tailed Ducks	19
Canada Geese by Season	20
Snow Geese	21
Ross's Geese.....	21
White-fronted Geese.....	21
Mallard Age Ratios	22
Mallard Sex Ratios	22
<i>Canada Goose Survey</i>	
Temperate Nesting Population.....	23
<i>Midwinter Survey Indices</i>	
All Ducks	24
Dabbling Ducks.....	26
Diving Ducks.....	28
Mallards	30
Black Ducks	32
Pintails	34
Canada Geese.....	36
Mid-Continent Light Geese	38
White-fronted Geese.....	39
Eastern Population Tundra Swan	41
<i>Webless Harvest Estimates:</i>	
Coots	42

MISSISSIPPI FLYWAY CONT'D

Mourning Dove.....	44
White-winged Dove.....	46
American Woodcock.....	48
Snipe.....	50
Rails.....	52
Moorhen and Gallinule.....	54
<i>Light Goose Conservation Order Harvest Estimates.....</i>	<i>56</i>

LINKS TO RELATED REPORTS

ATLANTIC FLYWAY, CENTRAL FLYWAY, AND PACIFIC FLYWAY (HIP and MQS) DATABOOKS

<https://www.fws.gov/birds/surveys-and-data/reports-and-publications/flyway-data-books.php>

UNITED STATES HUNTING ACTIVITY AND HARVEST

<https://www.fws.gov/birds/surveys-and-data/reports-and-publications/hunting-activity-and-harvest.php>

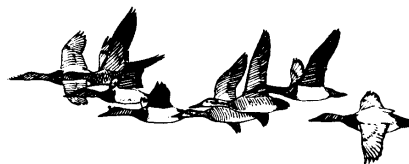
CANADA NATIONAL WATERFOWL HARVEST SURVEY

<https://www.canada.ca/en/environment-climate-change/services/bird-surveys/waterfowl/national-harvest.html>

NORTH AMERICA WATERFOWL AND WEBLESS STATUS

<https://www.fws.gov/birds/surveys-and-data/reports-and-publications/population-status.php>

Flyway Data Books contain annual estimates of migratory bird abundance, harvest, and hunter participation and activity. Due to the large volume of data and the number of years, species, and geographic areas involved, data tables may be large and complex. Readers that may need help reading and interpreting the data, or that may need data presented in an alternative format to facilitate reading and interpretation, should contact the U.S. Fish and Wildlife Service's Mississippi Flyway Representatives office (612/713-5411) identified in each Flyway Data Book with specific request.



MISSISSIPPI FLYWAY



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) ¹	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2	1 season length consist of consecutive days or split;
1962	10/12-12/30	25(23) ^{1,2}	2	1 ³	1 ³	2	2	2	2	2	1 season length consist of consecutive days or split; ² two scaup in addition to daily bag limit are allowed; ³ 1 mallard or 1 black duck
1963	10/05-01/05	35(32) ^{1,2}	4	2/1 ³	2/1 ³	4	4	4	4	4	1 season length consist of consecutive days or split; ² in LA 2 additional scaup are allowed to the daily bag limit; ³ daily bag limit for canvasback and redhead are 2 or 1 of each
1964	10/03-01/03	40/36 ^{1,2}	4	2	4	4	2	2/1 ³	2/1 ³	4	1 season length consist of consecutive days or split; ² in LA 2 additional scaup are allowed to the daily bag limit; ³ daily bag limit for canvasback and redhead are 2 or 1 of each
1965	10/09-01/09	40/36 ^{1,2}	4	1	4	4	1	2	4	4	1 season length consist of consecutive days or split; ² 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 ^{1,2}	4	2	4	4	4	2	4	4	1 season length consist of consecutive days or split; ² 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 ^{1,2}	4 ³	2	4	4	4	1	1	4	1 season length consist of consecutive days or split; ² 2 additional or aggregate scaup/ringed-necks in LA (open to close), in MN, WI, portions of MO, OH, and MI (Nov 1 - close); ³ daily bag limit for all MF states except AL and MS
1968	10/01-01/15	20(19)-30(27) ^{1,2}	3	1/2	2	3	3	1	1	3	1 season length consist of consecutive days or split; ² 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) ^{1,2}	4	1/2	4	4	4	1	1	4	1 season length consist of consecutive days or split; ² 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) ^{1,2}	4/6(Point System)	4/2(90pts ² , 20pts ³)	4/6(90pts)	4/6(10pts)	4/6(20pts ² , 10pts ³)	1/1(90pts)	1/1(90pts)	4/6(10pts)	1 experimental point system option for Iowa and Illinois; ² 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) ¹	4/5(Point System)	4/2(90pts ² , 20pts ³)	4/6(100pts)	4/6(10pts)	4/6(20pts ² , 10pts ³)	1/1(100pts)	1/1(100pts)	4/6(10pts)	1 experimental point system option for Iowa, Illinois, Michigan; ¹ - female; ² - male
1972	10/01-01/20	50/50(50) ¹	4/6(Point System)	4/2(90pts ² , 20pts ³)	6/4(90pts)	4/6(10pts)	4/6(20pts ² , 10pts ³)	closed	closed	4/6(10pts)	1 experimental point system option for Iowa, Illinois, Michigan; ¹ - female; ² - male
1973	10/01-01/20	40/40(45) ¹	4/5(Point System)	4/2(90pts ² , 25pts ³)	4/5(90pts)	4/5(25pts)	4/5(20pts)	1/1(100pts) except in closed areas ²	1/1(100pts) except in closed areas ²	4/5(15pts)	1 point system option for Mississippi Flyway; ² major canvasback concentration areas closed for both canvasback and redhead
1974	10/01-01/20	40/45 ² , (45/50) ^{1,2}	4/(Point System)	2 ² (90pts ² , 35pts ³)	2 ² (90pts)	4/(35pts)	4/(15pts)	1/(100pts) except in closed areas	1/(100pts) except in closed areas	4/(15pts)	1 point system option for Mississippi Flyway; ² extra days for Wed. noon opening; ³ bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1975	10/01-01/20	45/50 ² , (45/50) ^{1,2}	4/(Point System)	2 ² (90pts ² , 35pts ³)	2 ² (90pts)	4/(35pts)	4/(10pts)	1/(100pts) except in closed areas	1/(100pts) except in closed areas	4/(10pts)	1 point system option for Mississippi Flyway; ² extra days for Wed. noon opening; ³ bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1976	10/01-01/20	50(50) ¹	5/(Point System)	3 ¹ (1H)/(70pts ² , 25pts ³)	2 ² (70pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	1 point system option for Mississippi Flyway; ² 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) ¹	5/(Point System)	2 ² (70pts ² , 25pts ³)	2 ² (70pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	1 point system option for Mississippi Flyway; ² bag limit including no more than 2 mallards or 2 black ducks, or 1 of each
1978	10/01-01/20	50(50) ¹	5/(Point System)	2 ² (70pts ² , 35pts ³)	2 ² (70pts)	5/(35pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	1 point system option for Mississippi Flyway; ² 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) ¹	5/(Point System)	3(2H)/(70pts ² , 25pts ³)	1/(70pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	1 point system option for Mississippi Flyway
1983 through 1984	10/01-01/20	50(50) ¹	5/(Point System)	3(2H)/(70pts ² , 25pts ³)	1/(100pts)	5/(25pts)	5/(10pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	5/(10pts)	1 point system option for Mississippi Flyway
1985	10/05-01/13	40(40) ¹	4/(Point System)	2(1H)/(100pts ² , 35pts ³)	1/(100pts)	4/(35pts)	2/(35pts)	1/(100pts) except in closed areas	1/(70pts) except in closed areas	4/(20pts)	1 point system option for Mississippi Flyway
1986 through 1987	10/04-01/18	40(40) ¹	4/(Point System)	2(1H)/(100pts ² , 35pts ³)	1/(100pts)	4/(35pts)	2/(35pts)	closed	1/(70pts)	4/(20pts)	1 point system option for Mississippi Flyway
1988	10/08-01/08	30	3	2(1H)	1	3	1	closed	1	3	
1989	10/07-01/07	30(30) ¹	3/(Point System)	2(1H)/(100pts ² , 50pts ³)	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	1 point system option for Mississippi Flyway
1990	10/06-01/06	30(30) ¹	3/(Point System)	2(1H)/(100pts ² , 50pts ³)	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	1 point system option for Mississippi Flyway
1991	10/05-01/5	30(30) ¹	3/(Point System)	2(1H)/(100pts ² , 50pts ³)	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	1 point system option for Mississippi Flyway
1992	10/01-01/20	30(30) ¹	3/(Point System)	2(1H)/(100pts ² , 50pts ³)	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	1 point system option for Mississippi Flyway
1993	10/01-01/20	30(30) ¹	3/(Point System)	2(1H)/(100pts ² , 50pts ³)	1/(100pts)	3/(35pts)	1/(100pts)	closed	1/(100pts)	3/(35pts)	1 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 ¹	60	6	4(2H)	1	3	1	1	2	3	¹ Alabama, Mississippi, and Tennessee may extend to Jan 31
2000	09/30-01/21 ¹	60	6	4(2H)	1	3	1	1	2	3	¹ Alabama, Mississippi, and Tennessee may extend to Jan 31
2001	09/29-01/20 ¹	60	6	4(2H)	1	3	1	1 ²	2	3	¹ Alabama, Mississippi, and Tennessee may extend to Jan 31 ² Season for canvasback may not exceed 20 days

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	
2002	09/21-01/26 ¹	60	6	4(2H)	1	3	1	closed	2	3	¹ Season for pintails may not exceed 30 days
2003	09/27-01/25 ¹	60	6	4(2H)	1	3	1	1	2	3	¹ Season for canvasback or for pintail may not exceed 30 days
2004	09/25-01/30 ¹	60	6	4(2H)	1	3	1	1	2	3	¹ Season for canvasback or for pintail may not exceed 30 days
2005	09/24-01/29 ¹	60	6	4(2H)	1	3	1	1	2	2	¹ 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 ¹	¹ 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	
2016	9/24-1/29	60	6	4(2H)	1	1	2	2	2	3	
2017	9/23-1/28	60	6	4(2H)	2	1	1	2	2	3	
2018	9/22-1/27	60	6	4(2H)	2	1	2	2	2	3	
2019	9/21-1/31	60	6	4(2H)	2	1	1	2	2	3	
2020	9/26-1/31	60	6	4(2H)	2	1	1	2	2	2 ¹	¹ the daily bag limit may be 2 for up to 45 consecutive hunting days and 1 for the remainder of the season.

¹ 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	16,600	72,300	28,500	65,800	12,400	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	58,926	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
2016**	60,630	55,032	38,230	13,516	27,135	10,020	13,174	30,837	9,698	53,928	11,594	49,891	13,676	9,367
2017**	64,809	44,086	33,188	13,419	24,149	10,495	11,065	38,808	10,118	52,097	13,095	46,879	12,749	15,569
2018**	53,239	47,633	33,186	16,163	22,670	9,264	15,348	35,057	11,382	60,686	22,120	36,302	11,975	12,657
2019**	50,857	43,120	32,989	10,250	21,829	10,927	15,144	26,641	7,375	75,362	16,910	49,966	14,172	10,586
2020**	55,456	54,785	28,231	11,462	26,218	9,909	13,244	26,890	11,264	56,304	18,620	38,188	15,611	13,082
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
16-20	56,998	48,931	33,165	12,962	24,400	10,123	13,595	31,647	9,967	59,675	16,468	44,245	13,646	12,252
Long-term	71,496	57,577	37,705	17,611	30,855	12,190	18,206	30,463	11,869	62,721	18,183	64,460	14,892	13,326

* - 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
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	134,800	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**	335,769	330,844	251,080	130,265	317,234	85,030	133,394	234,596	101,139	435,638	154,551	691,355	117,697	136,995	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	89,709	265,621	96,425	89,373	213,575	28,589	471,957	105,539	916,272	100,987	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	113,922	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
2016*	336,638	346,122	248,773	105,404	213,553	73,379	96,225	220,207	71,707	423,094	85,617	289,924	88,247	48,305	2,647,195
2017*	369,718	286,437	200,975	99,177	209,716	64,139	72,956	219,277	78,428	370,199	82,647	324,054	86,698	80,145	2,544,565
2018*	264,918	287,029	165,463	97,782	151,514	64,900	81,248	256,114	99,446	500,880	112,805	222,247	77,861	70,546	2,452,753
2019*	263,480	254,479	164,120	76,956	176,440	71,569	95,009	158,187	56,574	496,801	107,554	287,067	86,909	53,007	2,348,153
2020*	331,943	374,110	181,958	114,884	174,031	108,968	96,358	188,241	90,008	450,657	127,835	286,895	115,141	76,466	2,717,495
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	3,843,181
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	120,663	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
16-20	313,339	309,635	192,258	98,841	185,051	76,591	88,359	208,405	79,233	448,326	103,291	282,037	90,971	65,694	2,542,032
Long-term	426,748	372,708	227,219	135,524	266,670	88,788	125,719	217,943	106,952	499,115	147,804	529,032	108,668	90,632	3,343,526

* - 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	8.6									

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
2016**	8.6	6.6	9.5	10.3	11.5	8.8	7.5	14.7	13.2	21.1	16.3	17.2	15.9	10.1
2017**	9.7	9.2	9.0	11.6	12.7	8.7	8.5	12.5	14.3	19.3	15.8	23.1	20.3	11.3
2018**	9.1	7.7	7.2	10.9	7.8	8.1	5.3	9.0	9.6	16.6	9.0	13.9	12.4	7.7
2019**	8.8	8.5	7.1	12.4	15.0	7.5	7.4	10.3	11.2	14.5	11.0	11.5	14.2	6.5
2020*	9.6	9.0	9.0	15.2	8.0	8.4	6.7	10.7	8.5	15.8	11.7	19.7	12.8	9.9
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
16-20	9.1	8.2	8.3	12.1	11.0	8.3	7.1	11.4	11.3	17.5	12.8	17.1	15.1	9.1
Long-term	8.9	7.3	8.3	11.3	12.1	8.8	7.3	13.8	13.4	19.4	16.5	22.1	18.9	12.7

* - 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
2016*	1.55	1.06	1.45	1.32	1.46	1.20	1.03	2.05	1.79	2.69	2.20	2.96	2.47	1.96	1.87
2017*	1.70	1.41	1.48	1.57	1.46	1.42	1.29	2.21	1.84	2.72	2.51	3.34	2.99	2.19	2.10
2018*	1.82	1.28	1.45	1.80	1.17	1.16	1.00	1.23	1.10	2.01	1.77	2.28	1.91	1.38	1.62
2019*	1.69	1.44	1.43	1.66	1.86	1.14	1.19	1.73	1.46	2.20	1.74	1.99	2.31	1.31	1.78
2020*	1.60	1.32	1.39	1.51	1.21	0.77	0.92	1.53	1.06	1.97	1.70	2.62	1.75	1.69	1.62
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
16-20	1.67	1.30	1.44	1.57	1.43	1.13	1.09	1.75	1.45	2.32	1.98	2.64	2.29	1.71	1.80
Long-term	1.51	1.13	1.38	1.49	1.41	1.21	1.05	1.92	1.53	2.45	2.00	2.75	2.58	1.86	1.86

*-Preliminary

DF 9/24/2021

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	13,806	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	13,982	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
2016**	41,963	44,425	39,671	11,392	22,632	9,317	13,063	16,501	7,832	20,827	8,975	13,604	6,983	3,244
2017**	52,218	38,435	34,500	13,223	21,744	10,461	13,034	14,123	8,940	28,357	8,107	15,472	8,522	4,587
2018**	43,208	36,043	31,825	10,969	15,635	7,012	13,976	12,357	7,348	26,485	8,022	12,411	4,931	3,286
2019**	40,024	36,668	30,982	8,241	16,736	10,530	12,426	11,209	6,744	30,655	9,077	12,578	5,896	2,180
2020*	42,337	37,886	26,748	9,298	20,615	11,545	13,550	13,036	7,953	21,380	9,183	7,531	6,473	3,679
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
16-20	43,950	38,691	32,745	10,624	19,472	9,773	13,174	13,445	7,763	25,541	8,673	12,319	6,561	3,395
Long-term	55,215	45,671	33,664	14,191	24,452	12,319	20,230	13,978	8,888	21,216	13,415	15,026	5,307	4,921

* - 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	25,337	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	138,529	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	133,271	54,554	178,970	69,064	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
2016*	214,852	328,713	263,437	100,248	161,334	83,308	110,632	85,415	56,023	132,097	63,638	74,128	36,731	24,182	1,734,737
2017*	291,792	238,914	209,474	75,144	176,814	59,274	76,140	81,623	70,298	115,982	64,929	74,661	37,032	17,948	1,590,027
2018*	215,753	221,619	163,048	75,143	118,745	59,588	75,773	65,907	49,417	138,872	52,507	43,903	23,701	30,316	1,334,291
2019*	203,196	225,892	191,157	58,505	128,179	63,796	50,322	50,572	50,203	126,994	53,451	54,874	22,491	11,424	1,291,056
2020*	213,123	262,506	172,736	91,716	168,938	79,758	94,676	78,736	75,287	123,769	73,361	44,779	39,193	13,358	1,530,996
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
16-20	227,743	255,529	199,971	80,151	150,814	68,945	81,509	72,450	60,246	127,543	61,577	58,469	31,830	19,446	1,496,221
Long-term	321,586	285,810	189,597	99,141	192,536	83,202	131,640	76,272	69,293	105,907	108,283	83,074	24,485	22,975	1,793,785

** - 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					

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
2016**	4.2	2.2	4.2	5.3	5.0	6.6	6.5	4.8	3.5	6.7	4.0	7.3	4.2	1.9
2017**	4.1	3.5	5.2	4.5	7.0	4.5	4.6	8.3	4.4	6.7	3.3	4.9	3.8	4.8
2018**	3.3	3.6	3.0	4.3	4.4	5.9	2.8	4.9	3.0	4.8	2.6	1.8	3.0	4.6
2019**	5.0	3.6	4.9	6.5	6.3	4.5	3.0	4.4	3.2	4.2	2.3	4.1	3.7	1.3
2020**	3.4	4.3	6.4	6.6	5.3	5.7	4.4	3.7	3.5	6.2	2.0	3.9	2.5	2.8
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
16-20	4.0	3.4	4.7	5.4	5.6	5.5	4.2	5.2	3.5	5.7	2.8	4.4	3.4	3.1
Long-term	3.8	2.5	4.3	4.7	5.0	4.9	4.1	4.9	3.4	7.1	2.8	6.3	4.3	3.1

* - 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
2016*	0.83	0.29	0.64	0.60	0.70	0.74	0.77	0.92	0.49	1.06	0.57	1.34	0.79	0.26	0.68
2017*	0.73	0.57	0.86	0.79	0.86	0.79	0.79	1.44	0.55	1.63	0.42	1.01	0.87	1.24	0.85
2018*	0.67	0.58	0.58	0.63	0.57	0.69	0.51	0.92	0.45	0.91	0.39	0.50	0.63	0.50	0.63
2019*	0.99	0.58	0.80	0.91	0.82	0.75	0.72	0.97	0.43	1.01	0.39	0.94	0.97	0.25	0.79
2020*	0.68	0.63	0.99	0.67	0.64	0.84	0.63	0.61	0.37	1.07	0.25	0.66	0.41	0.77	0.69
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
16-20	0.78	0.53	0.77	0.72	0.72	0.76	0.68	0.97	0.46	1.14	0.40	0.89	0.73	0.60	0.73
Long-term	0.66	0.38	0.75	0.67	0.63	0.72	0.62	0.90	0.45	1.38	0.38	1.17	0.98	0.71	0.67

*-Preliminary

DF 9/23/2021

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
2016**	Mallard	Gadwall	GW Teal	Wood Dk	BW Teal	37	80
2017**	Mallard	GW Teal	Gadwall	Wood Dk	BW Teal	30	76
2018**	Mallard	GW Teal	Gadwall	Wood Dk	BW Teal	29	64
2019**	Mallard	Gadwall	Wood Dk	GW Teal	BW Teal	33	71
2020**	Mallard	Wood Dk	Gadwall	BW Teal	GW Teal	27	77
Average						34	77
Range						27-42	64-82

* 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 -22	Gadwall - 15 Wood Dk - 4 GW Teal - 3	GW Teal - 9 Gadwall - 7 Wood Dk - 6	Wood Dk - 11 GW Teal - 7 BW Teal - 4	BW Teal - 15 GW Teal - 3 No. Shovler - 3 Wood Dk - 1

** - Preliminary

DF 9/21/21

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	CF	PF	US TOTAL
																FLYWAY	FLYWAY	FLYWAY	
1999	831,600	456,000	314,300	209,900	350,399	83,639	114,913	348,230	172,886	1,800,820	484,907	1,908,303	354,179	159,781	7,589,864	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	1,670,084	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	1,111,555	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	400,301	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	161,542	1,241,388	241,836	1,616,381	320,177	134,116	6,280,232	1,733,259	2,963,843	3,355,452	13,332,785
2009*	392,300	322,599	308,898	181,500	405,725	107,325	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	2,862,800	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	128,784	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	385,998	97,633	191,303	406,903	118,956	929,989	220,597	2,052,810	291,547	181,619	6,447,738	1,800,571	2,599,757	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	263,102	75,325	120,548	408,619	129,341	945,384	196,424	846,307	222,834	106,776	4,822,733	1,337,434	2,258,434	2,574,318	10,992,857
2016*	520,959	364,016	361,275	137,246	304,408	87,689	99,244	438,331	126,230	1,136,736	180,456	830,516	217,920	94,885	4,899,906	1,580,400	2,185,611	2,606,404	10,272,321
2017*	629,945	391,322	292,616	138,600	288,258	87,913	91,099	461,706	138,033	999,160	201,980	989,453	259,231	175,499	5,143,710	1,559,179	2,199,792	2,775,890	11,878,570
2018*	473,386	358,184	234,888	175,392	175,429	73,853	78,873	312,624	107,620	1,004,729	196,306	501,849	148,749	96,359	3,937,941	1,566,201	2,272,224	2,988,319	10,705,915
2019*	445,101	348,110	235,457	114,035	297,413	73,304	106,423	262,470	77,641	1,078,493	166,217	510,356	194,089	64,432	4,004,281	1,231,166	1,953,079	2,128,834	9,376,633
2020*	529,617	454,467	248,259	143,750	184,693	76,919	78,851	266,325	86,391	868,985	207,692	611,216	190,793	121,517	4,069,487	1,339,758	2,447,658	2,580,793	10,437,695
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	922,683	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	213,898	423,754	105,721	123,370	424,163	126,306	1,190,052	307,521	1,655,482	329,923	178,918	6,350,153	1,694,182	2,189,793	3,251,774	13,504,251
11-15	624,550	420,076	310,606	162,939	380,410	98,304	128,595	426,748	126,054	1,145,211	209,125	1,881,224	289,645	159,883	6,363,435	1,586,652	2,578,504	2,818,070	13,361,476
16-20	519,802	383,220	274,099	141,805	250,019	79,936	90,898	348,291	107,183	1,017,621	190,510	688,478	202,156	110,538	4,411,065	1,455,341	2,211,673	2,616,048	10,494,083
Long-term	632,532	410,222	310,949	192,409	359,535	101,101	122,853	394,242	142,206	1,186,978	263,742	1,337,856	274,725	160,126	5,890,958	1,607,399	2,447,451	2,818,154	12,726,036

* - 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	CF	PF	US TOTAL
																FLYWAY	FLYWAY	FLYWAY	
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	2,049,383	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	399,651	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	806,899	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	1,092,094	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	2,025,916	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	1,019,618	4,408,974
2012*	197,316	112,251	127,535	49,993	197,479	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	177,574	63,029	104,630	200,700	71,651	422,951	94,094								

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	1,363,954
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	9,128	199,317	15,229	161,656	47,268	26,858	559,520	58,906	328,964	155,898	1,103,287
2016*	8,198	15,878	6,774	11,601	27,113	9,405	6,257	71,752	22,353	171,071	34,037	206,801	44,829	26,213	662,282	92,068	349,580	149,415	1,253,345
2017*	29,543	20,900	6,762	10,938	24,128	9,903	2,694	58,067	16,942	181,126	26,170	167,990	50,561	17,810	623,532	64,618	333,803	198,234	1,220,188
2018*	22,471	14,123	3,903	8,652	12,332	3,340	2,910	36,527	9,808	159,878	16,359	96,530	23,702	10,761	421,296	62,214	325,539	138,329	947,378
2019*	29,447	15,175	3,830	8,281	26,552	9,079	2,994	24,526	5,383	213,397	24,825	119,961	41,930	11,681	537,060	42,126	339,224	129,688	1,048,098
2020*	21,787	15,776	5,147	15,210	13,713	5,454	5,349	30,325	9,422	187,498	64,904	125,329	39,179	10,383	549,477	42,779	509,692	148,556	1,250,504
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
16-20	22,289	16,370	5,283	10,936	20,768	7,436	4,041	44,239	12,782	182,594	33,259	143,322	40,040	15,370	558,729	60,761	371,568	152,844	1,143,903
Long-term	23,468	14,718	5,266	13,226	31,404	7,093	5,781	55,020	15,941	208,807	43,467	316,627	56,917	37,353	835,088	52,104	438,998	166,944	1,493,237

* - Preliminary

ESTIMATES OF REGULAR-SEASON WIGEON¹ 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	9,935	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	9,959	9,492	3,355	12,009	3,376	437	63,988	30,020	101,665	397,049	592,722
2016*	13,788	9,115	6,209	2,163	2,876	1,660	1,564	5,979	3,156	21,384	4,495	16,279	2,491	738	91,897	55,342	126,242	339,451	619,567
2017*	11,386	5,947	5,994	4,272	4,634	1,617	898	9,506	3,333	21,293	2,937	30,230	4,735	1,484	108,267	26,442	152,207	403,919	690,836
2018*	10,812	9,824	4,461	4,326	1,856	557	873	3,438	265	10,122	7,634	10,037	654	489	65,348	51,581	114,926	424,229	656,084
2019*	11,652	8,776	6,384	3,245	4,261	534	1,361	4,722	1,142	14,868	3,238	6,805	2,450	377	69,814	19,655	117,494	329,327	536,292
2020*	12,911	6,533	6,533	5,236	3,857	979	991	4,085	1,725	10,454	2,733	13,904	1,632	769	72,343	22,122	153,898	406,807	655,168
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-																			

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	12,660	25,340
2006*				3,619	1,594	3,209	3,211	0	8,628	0	7,324	0	0	27,855	4,901	29,777	62,263
2007*				3,421	455	1,738	3,493	1,054	668	0	8,067	1,100	0	20,596	1,344	29,363	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
2016*	0	0	787	205	0	0	690	0	0	321	0	0	0	2,003	409	10,233	12,645
2017*	1,869	1,988	1,196	1,196	202	599	1,295	0	809	0	3,182	0	0	13,537	777	27,813	42,126
2018*	1,228	2,230	1,082	1,459	371	873	645	0	779	0	349	0	0	4,475	2,522	12,415	19,412
2019*	2,377	912	1,007	656	134	1,633	0	0	1,312	0	439	0	0	4,173	527	7,046	11,746
2020*	3,984	1,188	1,496	1,571	140	1,189	1,257	265	2,224	683	1,143	0	0	15,140	376	20,960	36,477
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	13,486	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
16-20	1,892	1,266	1,114	1,258	169	859	775	53	1,025	201	1,023	0	0	7,866	922	15,693	24,481
Long-term	1,929	1,934	1,461	1,344	523	1,948	2,158	95	1,596	131	5,076	121	114	14,387	3,018	19,597	37,002

* - 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	5,562	146,221	18,852	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	14,872	6,935	504,591	118,252	334,330	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	87,464	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	385,916	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	986,994	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	4,707	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	5,277	10,912	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
2016*	37,337	23,817	19,193	22,415	23,416	3,596	2,259	50,134	5,522	163,248	15,092	203,352	51,305	4,615	625,602	115,526	286,046	539,358	1,566,530
2017*	60,317	29,566	17,674	19,825	29,400	3,436	6,685	62,434	833	174,657	19,761	212,275	50,899	16,326	704,088	100,470	340,782	538,791	1,684,131
2018*	37,947	20,672	11,013	16,944	9,414	1,299	4,657	39,534	3,468	154,188	13,087	96,268	32,529	2,690	448,210	101,270	252,170	546,494	1,348,143
2019*	22,668	15,723	5,836	12,086	16,226	1,869	4,899	21,479	3,099	168,356	6,476	113,266	33,141	1,696	431,117	58,366	240,628	428,247	1,158,559
2020*	42,498	34,579	8,513	26,431	23,283	4,895	2,575	36,610	7,830	116,547	14,347	108,377	31,221	2,692	460,399	101,195	345,844	475,949	1,383,386
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	5,157	171,593	18,142	381,490	38,454	9,232	825,931	108,515	309,583	645,531	1,707,559
16-20	40,213	24,871	12,446	19,540	20,348	3,019	4,215	42,038	4,146	155,395	13,753	146,708	39,819	5,604	533,883	95,365	293,094	505,768	1,428,110
Long-term	48,880	34,021	21,744	23,559	25,479	5,617	6,355	42,352	5,712	144,166	17,328	271,174	34,434	8,115	689,247	128,502	295,459	490,433	1,604,045

* - 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	7																		

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	4,339	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	6,968	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	17,408	167,672	423,737
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	1,863	15,667	6,636	292,389	6,847	12,125	378,119	41,521	213,471	633,111
2012*				22,289	4,551	3,916	49,881	313	23,923	15,911	390,923	16,033	26,954	554,775	25,071	554,875	829,707
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
2016*	1,470	0	393	6,368	0	0	13,339	263	2,869	3,853	26,488	0	0	55,043	17,581	242,321	314,945
2017*	11,215	1,537	16,235	15,020	2,829	2,395	21,068	1,111	6,738	2,136	92,149	0	0	172,433	11,503	199,728	383,665
2018*	12,895	2,370	32,086	18,962	2,412	3,347	17,189	1,060	21,802	5,453	86,231	3,923	5,625	166,004	18,516	238,971	423,491
2019*	14,801	912	12,534	29,830	8,011	4,627	11,120	816	10,932	16,190	61,682	7,060	4,898	155,167	25,301	133,955	458,383
2020*	37,129	3,366	28,800	24,426	6,433	8,916	21,055	2,389	17,793	683	139,804	10,203	7,991	308,687	18,758	318,950	646,395
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
16-20	15,502	1,637	18,010	18,921	3,937	3,857	16,754	1,128	12,027	5,663	81,271	4,237	3,643	171,467	18,332	226,785	445,376
Long-term	14,736	2,165	23,986	18,093	5,650	3,685	17,972	2,077	14,117	5,164	112,288	3,741	4,676	216,108	20,691	229,607	488,413

* - 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	3,944	0	523	626	444,161	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	68,356	132,697	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	169,207	3,848	2,571	322,900	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	52,684	535,486
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	597,740
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	858,800
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
2016*	73,039	26,169	2,540	17,893	616	0	695	3,219	0	782	0	75,602	0	0	200,555	45,676	136,659	44,032	426,922
2017*	78,166	28,036	1,690	21,192	3,196	607	499	2,056	0	809	0	128,877	338	1,484	266,950	56,210	124,708	58,753	506,620
2018*	61,479	27,017	697	15,503	1,061	0	0	1,504	0	3,114	0	74,710	1,308	245	233,988	52,126	190,057	50,532	528,703
2019*	64,191	18,839	912	14,212	4,753	1,068	272	1,067	0	1,093	540	90,766	1,585	377	227,921	57,136	133,955	39,370	456,383
2020*	92,528	25,496	1,979	16,931	1,285	280	594	471	132	1,557	0	96,187	1,020	769	239,133	37,522	141,381	43,581	461,617
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
16-20	73,881	25,111	1,564	17,126	2,182	391	412	1,663	26	1,471	108	93,228	850	575	233,709	49,734	145,352	47,254	476,049
Long-term	80,921	27,653	3,329	28,723	3,287	1,105	1,104	2,184	207	2,766	279	145,261	1,773	936	303,424	60,626	132,908	50,615	547,114

* - 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	130,80																		

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	465,749
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	479,309
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	1,600	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	228,570	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
2016*	6,335	5,293	3,669	3,343	14,173	3,319	869	30,587	4,997	50,070	3,853	48,286	17,185	1,846	193,823	30,290	106,834	172,988	503,935
2017*	11,079	3,738	1,076	3,247	22,849	3,233	399	17,214	7,499	69,000	5,608	55,820	31,284	4,452	236,499	26,307	110,496	211,559	584,862
2018*	5,724	4,298	836	4,687	4,376	1,856	873	10,528	2,265	52,428	3,272	22,081	15,365	734	127,323	20,642	87,957	198,581	434,502
2019*	6,356	6,216	1,459	4,253	8,851	1,869	1,089	16,452	1,468	55,754	2,698	24,036	11,383	188	142,072	10,103	129,788	168,802	500,546
2020*	8,876	4,621	1,980	4,987	6,428	2,797	1,981	18,855	3,981	64,946	5,466	31,999	9,591	3,076	169,584	17,356	157,386	224,066	568,393
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
16-20	7,674	4,833	1,804	4,103	11,335	2,615	1,042	18,727	3,642	58,440	4,179	36,444	16,962	2,059	173,860	20,940	118,492	195,199	508,448
Long-term	12,632	4,855	1,700	6,053	13,157	2,260	1,827	21,666	2,619	67,655	6,622	76,612	18,973	3,566	240,197	20,931	122,164	229,352	612,779

* - 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	1,293	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*	8,340	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
2016*	9,316	6,469	5,363	3,933	7,189	277	1,564	14,718	0	14,343	4,495	27,316	5,977	554	101,514	25,407	108,772	231,775	467,467
2017*	13,541	8,326	5,994	5,298	8,309	1,415	2,993	20,811	1,666	22,371	5,875	31,689	5,242	1,113	134,643	16,280	102,462	203,482	456,678
2018*	5,300	4,094	3,485	4,507	2,785	371	437	6,876	1,856	20,244	3,272	10,823	4,413	489	68,949	17,539	63,390	270,082	419,960
2019*	5,084	3,657	3,648	2,350	5,900	935	1,089	11,882	1,794	18,803	4,317	7,793	6,772	565	74,589	8,963	72,457	161,711	317,720
2020*	11,297	10,995	6,335	3,865	6,428	1,259	1,585	6,756	1,858	19,795	4,099	17,904	7,550	385	100,111	18,986	103,927	185,109	408,134
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
16-20	8,908	6,708	4,965	3,991	6,122	851	1,534	12,209	1,435	19,111	4,412	19,105	5,991	621	95,961	1			

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
2016*	1,578	3,853	5,628	1,429	7,057
2017*	5,277	3,204	9,419	1,036	10,550
2018*	4,771	6,543	11,682	1,523	13,183
2019*	4,078	4,317	8,559	754	9,313
2020*	6,503	8,882	15,524	2,555	18,162
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
16-20	4,441	5,360	10,158	1,459	11,653
Long-term	10,089	12,431	22,825	2,246	25,141

* - 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	44,301	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*	79,949	81,034	37,217	38,344	30,701	16,536	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	38,072	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	1,575	39,765	6,711	40,953	29,422	32,972	546,108	314,935	40,111	25,957	927,112
2016*	115,520	95,855	65,199	11,404	42,108	9,129	10,255	17,248	4,522	68,324	6,743	84,017	20,173	25,106	576,603	386,755	85,653	23,855	1,072,865
2017*	116,326	88,357	43,340	23,584	14,061	9,094	15,366	15,416	4,444	70,618	16,824	81,277	41,937	60,479	601,123	453,217	110,552	44,938	1,209,829
2018*	85,010	54,853	28,716	16,944	11,005	10,577	11,496	9,239	3,711	79,939	11,997	20,860	23,375	28,369	396,092	370,460	70,269	31,118	868,012
2019*	80,716	79,712	36,843	22,829	28,191	9,880	29,940	7,464	2,936	65,375	15,651	49,499	21,181	29,390	479,607	363,556	69,672	24,691	937,525
2020*	101,136	106,649	39,001	24,935	14,998	6,433	16,444	4,085	5,308	71,841	21,862	71,426	36,322	75,370	594,673	406,691	71,969	25,051	1,098,383
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	17,079	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	390,518	39,069	32,147	1,165,992
16-20	99,742	84,885	42,620	19,939	22,973	9,995	16,700	10,690	4,384	71,219	15,615	61,416	28,598	43,743	529,620	396,136	81,623	29,931	1,037,323
Long-term	112,136	80,398	42,132	33,009	32,695	13,429	18,729	15,200	7,641	76,058	22,928	120,369	38,300	49,779	662,802	370,794	70,290	41,168	1,145,057

* - 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	13,641	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	46,300	116,813	44,124	46,031	736,153	398,004	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	18,524	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	49,565	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*	79,949	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	38,072	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	22,937	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												

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	TOTAL	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	393	702	133	0	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	97,432	
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	97,843	
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	168,900	
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	3,911	222	3,724	938	33,265	1,732	1,609	109,003	24,127	89,796	211,446
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	2,338	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	
2016*	13,788	4,705	16,628	1,770	2,876	1,383	348	2,760	0	1,043	2,248	8,416	1,992	369	60,324	19,741	87,459	13,257	180,781	
2017*	21,234	1,529	15,830	0	3,196	202	499	2,826	1,944	270	1,068	6,895	0	1,855	57,348	23,809	84,744	14,945	180,895	
2018*	13,144	6,550	12,128	1,622	2,785	742	873	1,074	2,121	1,817	8,725	3,229	1,471	3,913	60,193	25,917	66,056	16,746	168,912	
2019*	11,016	11,701	8,537	1,455	3,278	1,602	1,089	1,218	0	2,186	1,079	7,683	865	188	52,298	19,136	99,773	17,586	168,793	
2020*	14,525	15,616	16,234	1,496	2,143	1,678	594	2,200	1,991	1,112	1,366	7,047	3,877	769	70,649	18,757	121,440	23,458	234,304	
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	170,499	
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	1,772	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	
16-20	14,741	8,020	14,351	1,269	2,856	1,121	681	2,016	1,211	1,286	2,897	6,654	1,641	1,419	60,162	21,472	91,894	17,208	190,737	
Long-term	16,581	9,296	14,212	1,559	3,144	635	956	2,170	792	2,817	1,748	14,349	1,044	1,286	70,589	14,538	89,559	19,015	193,700	

* - 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	TOTAL	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	48,641	26,871	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	0	184	0	403	367	0	0	0	1,234	68	15,863	1,027	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	7,989	17,250	17,923	70,353	
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	22,899	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*	4,111	3,997	3,458	1,263	4,911	433	0	919	0	1,380	883	27,186	844	2,695	52,081	3,903	26,786	34,479	117,249	
2013*	8,104	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	5,856	0	655	30,696	1,909	21,699	31,912	86,215	
2016*	7,080	4,705	1,976	2,753	8,011	1,660	174	920	263	4,172	321	11,589	249	1,477	45,348	4,507	24,679	26,501	101,035	
2017*	6,155	2,719	768	342	5,592	202	299	1,028	555	3,773	6,409	9,679	338	2,226	40,087	10,693	28,328	20,911	100,119	
2018*	6,148	7,982	1,673	3,064	2,652	0	437	1,074	265	1,038	3,272	2,007	490	469	30,592	20,733	16,459	23,643	91,407	
2019*	4,661	9,507	2,006	1,455	6,606	668	0	305	0	2,698	3,622	144	1,319	29,990	1,579	20,081	21,240	72,900		
2020*	4,842	5,896	1,584	1,870	1,286	420	396	2,200	796	445	0	10,476	0	1,923	32,132	7,374	24,310	33,499	97,316	
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	
16-20	5,777	6,162	1,601	1,897	4,229	590	261	1,105	376	1,886	2,540	7,475	244	1,487	35,630	8,977	22,769	25,159	92,535	
Long-term	6,756	5,274	1,664	994	3,860	251	278	740	349	1,371	1,558	11,701	299	1,635	36,730	7,091	21,490	22,018	87,330	

* - 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																	

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	3,220	1,766	6,562	0	2,022	40,988	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	37,927	9,700	3,629	10,838	62,093	
2015*	2,060	12,964	6,283	318	159	178	178	0	257	0	2,001	0	655	25,053	5,202	3,340	6,655	40,251		
2016*	373	17,348	9,032	0	1,849	830	1,564	0	789	522	1,605	414	249	0	34,574	10,507	1,132	18,648	64,861	
2017*	2,462	8,666	6,608	0	1,118	1,213	1,996	771	1,389	270	0	2,784	169	1,484	28,929	18,748	1,757	18,534	67,969	
2018*	3,180	12,076	4,461	541	2,387	186	1,601	215	265	1,557	3,272	2,618	327	2,690	35,375	28,972	2,352	15,801	82,501	
2019*	1,271	8,227	7,478	0	2,458	801	544	305	489	219	540	768	0	23,101	14,091	4,050	11,131	52,374		
2020*	1,076	6,215	5,543	499	429	699	3,368	0	0	0	0	1,333	204	0	19,366	14,048	2,734	14,972	51,119	
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	
16-20	1,672	10,506	6,624	208	1,648	746	1,815	258	586	514	1,083	1,583	190	835	28,269	17,273	2,405	15,817	63,765	
long-term	2,040	8,849	7,272	224	1,325	275	890	185	620	872	740	1,943	221	746	26,202	14,562	2,607	16,963	60,445	

* - 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	241,329	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	491,850	
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	409,683	
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	7,296	6,509	541	10,956	3,034	1,865	6,206	1,723	25,763	2,469	145,776	14,345	22,237	324,658	179,552	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	68,950	48,647	437,572	
2014*	67,014	16,536	9,690	2,920	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	498,057	
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	
2016*	62,232	6,469	13,830	3,539	14,378	4,979	1,043	6,439	4,471	12,257	1,605	42,491	4,483	9,968	188,185	136,949	66,378	50,721	441,783	
2017*	80,321	20,050	13,524	2,222	11,824	3,638	1,497	15,159	3,333	15,633	8,812	60,461	8,793	22,633	267,900	104,991	73,595	53,457	499,893	
2018*	81,618	19,649	9,340	5,408	4,906	371	2,037	5,801	1,060	13,756	5,453	13,528	4,577	15,163	182,667	123,096	88,344	61,248	455,365	
2019*	66,945	14,626	6,566	5,372	11,801	1,202	2,457	7,312	2,447	18,585	7,555	19,646	8,213	1,884	174,603	73,841	77,279	48,386	374,088	
2020*	62,941	14,182	5,741	5,112	7,856	1,538	991	7,228	4,379	17,349	4,782	20,761	4,489	4,230	161,580	99,697	119,363	54,385	435,025	
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	4,928	13,197	3,048	1,622	9,763	1,672	19,707	10,743	76,998	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	
16-20	70,811	14,995	9,800	4,331	10,153	2,346	1,604	8,388	3,138	15,516	5,641	31,377	6,111	10,776	194,987	107,615	84,992	53,635	441,229	
long-term	73,898	16,487	9,784	3,670	11,646	2,360	1,928	8,888	2,601	18,866	7,946	61,474	6,497	11,733	237,778	117,908	78,379	50,239	484,339	

* - Preliminary

ESTIMATES OF REGULAR-SEASON GOLDENEYE¹ 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
------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----------	-----------	-----------	-----------

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	34,288	921	3,806	824	3,798	290	696	1,298	0	3,089	245	2,119	88,370	84,955	15,426	35,233	223,984
2014*	15,014	14,332	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
2016*	17,887	5,881	20,040	197	1,849	0	521	460	1,315	1,043	3,211	966	0	2,400	55,768	88,196	20,787	34,104	198,855
2017*	12,925	17,332	24,282	854	13,582	1,617	1,098	771	555	2,426	9,346	2,254	338	8,905	96,285	77,872	21,319	39,478	234,954
2018*	16,960	24,357	23,140	3,425	4,376	1,484	2,328	1,504	1,060	2,855	3,272	3,404	327	10,027	98,519	121,033	28,602	38,913	287,066
2019*	16,313	17,003	17,509	1,902	14,423	935	2,994	152	326	1,749	2,698	2,634	144	4,710	83,493	73,997	26,482	26,875	210,846
2020*	12,373	27,408	29,300	997	1,428	559	5,349	628	398	4,448	17,763	6,666	3,469	8,844	119,634	84,609	24,502	43,631	272,377
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
16-20	15,292	18,396	22,854	1,475	7,132	919	2,458	703	731	2,504	7,258	3,185	856	6,977	90,740	89,141	24,338	36,600	240,820
Long-term	13,462	16,351	22,986	1,036	4,703	1,326	3,312	535	1,558	2,251	3,175	2,559	943	3,374	77,569	74,054	17,677	35,766	205,142 #

* - 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
2016*	0	0	11,008	0	822	553	695	0	0	0	0	1,242	996	185	15,500	9,057	4,702	5,820	35,079
2017*	615	1,869	1,229	171	799	0	0	0	278	539	534	398	338	371	7,142	10,983	3,546	4,933	26,604
2018*	848	2,251	836	541	265	0	437	215	0	0	0	349	0	978	6,721	12,754	5,166	6,804	31,444
2019*	847	2,742	1,277	224	6,556	0	0	152	0	1,531	1,079	1,098	0	0	15,506	4,240	10,576	8,237	38,559
2020*	1,345	2,390	594	125	571	140	198	471	0	0	683	2,286	204	385	9,392	8,895	10,793	6,688	35,768
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
16-20	731	1,850	2,989	212	1,803	139	266	168	56	414	459	1,075	308	384	10,852	9,186	6,957	6,496	33,491
Long-term	1,262	1,904	1,950	259	879	196	647	229	197	1,003	469	1,234	398	554	11,180	10,719	5,709	7,810	35,416

* - Preliminary

DF 9/21/21

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	703	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	25,892	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	1,511	1,939	6,981	2,276	3,678	38,038	38,212	8,940	4,390	99,578	
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	7,881	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	3,333	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	3,223	2,309	3,859	1,310	37,751	28,393	7,169	5,711	79,024	
2016*	8,571	3,234	3,105	197	2,876	553	1,217	1,610	2,630	5,737	6,743	8,278	249	5,169	50,167	38,323	10,634	3,579	102,704	
2017*	8,309	3,908	5,072	513	2,716	2,021	599	2,826	4,721	2,695	4,273	6,895	1,015	2,226	47,789	33,061	8,268	5,218	94,336	
2018*	8,904	5,526	4,043	721	265	186	873	1,504	1,325	1,817	3,272	3,753	327	1,223	33,738	31,516	10,703	6,519	92,477	
2019*	11,228	4,022	4,195	224	4,589	401	1,633	2,437	4,241	4,810	1,619	2,415	2,305	2,449	46,569	31,522	2,321	5,298	85,709	
2020*	15,601	5,099	5,741	748	2,000	699	594	1,257	5,176	3,336	2,050	4,381	2,245	1,154	50,080	24,235	8,492	3,673	86,481	
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	
16-20	10,523	4,358	4,431	481	2,489	772	983	1,927	3,619	3,679	3,591	5,144	1,228	2,444	45,669	31,731	8,084	4,857	90,341	
Long-term	8,531	3,816	3,651	575	2,139	795	1,218	1,802	2,461	5,216	3,039	6,531	2,746	2,527	45,048	33,579	8,324	5,030	92,014	

* - 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	3,038	2,400	1,796	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	7,884	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	
2016*	0	0	1,129	393	616	0	521	460	0	0	0	0	0	0	3,120	7,204	438	4,504	15,266	
2017*	923	510	788	0	320	0	299	0	0	1,335	0	0	0	0	4,156	7,438	886	4,128	16,606	
2018*	0	409	558	0	1,061	0	437	0	0	0	0	0	0	0	2,464	5,245	1,041	4,547	13,296	
2019*	1,271	914	182	224	1,311	0	2,177	0	0	0	0	0	0	0	6,080	7,548	181	2,808	16,617	
2020*	1,076	2,072	396	0	0	0	792	157	0	0	0	0	0	0	4,493	8,673	676	5,196	19,038	
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	
16-20	654	781	607	123	662	0	845	123	0	267	0	0	0	0	4,063	7,222	644	4,237	16,165	
Long-term	638	1,065	1,489	83	336	39	359	113	15	21	72	27	13	0	4,269	7,856	954	5,107	18,213	

* - Preliminary

ESTIMATES OF REGULAR-SEASON RED-BREADED 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	1,344	0	0	0	195	248	0	0	0	0	1,135	0	0	2,922	6,426	964	601	10,913
2002	434	0	513	0	0	243	0	0	0	0	1,178	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	

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
2016*	0	9,703	847	0	205	0	0	0	0	0	0	0	0	0	10,755	31,825	0	985	43,592
2017*	0	4,758	7,838	0	320	0	0	0	0	270	0	0	0	0	13,185	24,862	214	1,721	39,982
2018*	0	819	3,346	0	0	0	0	0	0	0	0	0	0	0	4,164	24,203	0	120	28,487
2019*	0	1,645	6,019	112	0	0	0	0	0	0	0	110	0	0	7,886	27,439	0	959	36,284
2020*	0	3,824	16,828	0	0	0	0	0	0	0	0	0	0	0	20,652	17,081	609	606	38,948
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
16-20	0	4,150	6,976	22	105	0	0	0	0	54	0	22	0	0	11,328	25,082	165	878	37,459
Long-term	54	3,254	3,006	13	49	0	11	0	0	24	19	39	0	0	6,470	19,289	104	555	26,419

* - Preliminary

DF 9/21/21

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	39,931	92,719	60,036	59,375	39,117	6,641	9,455	29,585	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
2016*	175,759	96,382	167,751	56,895	96,641	55,571	84,403	70,685	15,946	6,291	8,002	2,393	3,866	6,199	846,784	714,089	628,849	265,099	2,454,821
2017*	212,160	135,776	180,296	59,641	130,871	43,965	59,499	97,127	38,931	6,111	22,426	420	0	22,186	1,009,409	625,704	751,528	277,226	2,663,867
2018*	143,863	128,553	93,764	46,092	62,843	40,847	38,665	43,957	22,037	20,181	18,529	150	488	15,062	675,034	418,386	561,072	311,228	1,965,719
2019*	199,768	130,156	152,987	52,644	96,995	45,721	36,171	40,026	21,233	10,326	20,240	0	1,449	2,897	810,614	408,592	576,898	274,392	2,070,496
2020*	142,434	164,412	170,171	60,600	102,824	61,417	58,899	35,515	20,894	17,696	12,781	1,919	2,217	9,961	861,739	391,061	610,117	272,738	2,135,655
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
16-20	174,797	131,056	152,994	55,174	98,035	49,504	55,527	47,462	23,808	12,121	16,396	976	1,604	11,261	840,716	511,566	625,693	280,137	2,258,112
Long-term	202,999	106,712	142,722	58,958	112,192	57,151	80,477	46,569	27,208	18,689	30,300	1,346	6,542	15,123	906,989	635,444	622,738	296,464	2,462,099

* - Preliminary

DF 9/21/21

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		
	SEP	LATE	SEP	LATE	SEP	LATE	SEP	LATE	SEP	LATE	SEP	LATE	SEP	LATE	SEP	SEP	SEP	SEP	AUG	SEP	LATE	
1999	---	78,300	9,500	20,100	44,700	2,600	7,100	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	10,400	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	12,200	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	14,800	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	12,300	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	11,200	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	---	---	13,200	---	---	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	---	297,040	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

ESTIMATES OF SNOW GOOSE HARVESTS IN THE MISSISSIPPI FLYWAY AND CENTRAL FLYWAY (HARVEST INFORMATION PROGRAM) ¹

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	194,655	334,955
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	1,354	0	0	0	8,637	405	25,050	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	301,727
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
2016*	0	0	0	1,180	10,447	2,020	0	4,712	0	58,195	8,002	26,319	9,564	0	120,440	194,850	420,717
2017*	0	0	241	0	14,106	1,570	602	12,465	0	75,775	1,868	18,489	9,226	0	134,344	228,385	495,443
2018*	375	0	135	223	1,641	368	0	11,998	0	33,402	0	5,559	652	0	54,342	84,251	245,128
2019*	0	466	0	172	1,041	269	0	4,066	0	27,536	653	13,527	1,449	0	49,150	127,708	288,099
2020*	835	0	830	534	1,748	674	0	4,214	2,769	37,162	4,709	8,636	9,311	302	71,724	157,263	390,331
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
16-20	242	93	241	422	5,797	980	120	7,489	554	46,414	3,046	14,506	6,040	60	86,006	158,491	367,944
Long-term	1,871	276	117	1,936	3,738	253	58	13,170	939	56,586	1,849	42,030	6,737	200	129,760	197,923	372,724

* - Preliminary

¹ 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) ¹

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	170	0	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
2016*	0	0	0	884	3,358	0	0	2,020	664	4,194	0	2,393	1,017	0	14,531	30,326	53,482
2017*	0	271	0	0	1,959	314	150	2,597	0	17,111	0	1,681	1,065	0	25,147	46,841	100,506
2018*	0	0	0	0	0	0	0	333	0	3,479	0	0	0	0	3,812	15,235	31,999
2019*	0	0	0	172	1,74	0	0	428	0	6,984	0	676	1,449	0	9,783	24,950	50,955
2020*	418	0	0	0	159	0	0	0	252	2,359	0	960	1,330	0	5,477	29,617	61,496
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	92	30	0	117	628	76	17	802	367	5,569	641	996	888	0	10,223	30,406	58,270
16-20	84	54	0	211	1,130	63	30	1,076	183	6,805	0	1,142	972	0	11,750	29,394	59,688
Long-term	38	19	33	68	424	36	18	920	172	4,584	262	1,988	700	0	9,263	32,268	48,748

* - Preliminary

¹ 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	286,369
2014*	0	0	275	0	8,050	0	0	1,955	3,000	71,149	2,886	20,354	2,742				

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
2016*	4.2	2.3	2.1	1.6	1.2	0.9	1.4	1.1	0.8	0.7	0.7	1.0	0.9	1.4	1.09
2017*	2.5	2.5	1.3	1.2	1.4	0.7	1.1	1.1	0.5	0.5	0.4	0.6	0.5	0.5	0.92
2018*	3.0	2.2	1.4	2.0	1.3	1.0	1.3	1.2	0.7	0.8	0.8	0.7	0.6	1.1	1.07
2019*	2.5	2.2	1.7	2.0	1.3	1.4	1.6	1.0	1.0	0.7	1.0	0.6	0.7	2.7	1.05
2020*	3.5	2.4	1.9	1.7	1.6	1.4	1.4	1.2	1.0	0.7	1.0	0.9	0.6	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
16-20	3.1	2.3	1.7	1.7	1.4	1.1	1.4	1.1	0.8	0.7	0.8	0.8	0.6	1.4	1.07
Long-term	3.0	2.4	1.8	2.2	1.5	1.3	1.4	1.3	1.1	0.8	1.1	1.1	0.8	1.1	1.25

* - 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
2016*	1.2	2.2	1.4	2.3	2.5	2.7	2.4	3.1	2.9	2.9	2.6	2.2	2.7	1.5	2.38
2017*	1.9	1.8	1.6	1.9	1.9	2.2	2.8	3.2	3.0	3.1	3.2	2.2	3.6	2.2	2.47
2018*	1.6	2.0	1.6	2.4	2.2	1.8	2.4	2.1	3.2	3.6	2.0	3.4	4.9	3.7	2.59
2019*	1.5	2.2	1.8	2.5	2.2	2.3	2.0	4.0	2.2	3.9	3.0	4.5	3.5	2.4	2.82
2020*	1.4	1.7	1.4	1.8	2.4	1.9	2.1	3.5	2.4	4.6	2.0	3.7	5.6	1.8	2.60
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
16-20	1.5	2.0	1.6	2.2	2.2	2.2	2.3	3.2	2.7	3.6	2.6	3.2	4.1	2.3	2.57
Long-term	1.7	2.0	2.1	2.5	2.7	2.5	2.7	3.2	2.6	3.2	2.6	2.4	3.4	2.2	2.58

* - Preliminary

DF 9/24/2021

Spring population estimates of Mississippi Flyway temperate breeding Canada geese, 1993-2021

State/Province	2021	
	Prelim. Estimate	95% Conf Limits
Alabama 4	65,000	
Arkansas 4, 13(2015), *16-19)	53,257	
Illinois 1	139,350	34,400
Indiana 1(01, 03-09, 11-16), 4(02)*10)	114,490	
Iowa 1(93-96, 00-01, 05-09, 13), 4(12), 3 otherwise	96,816	16,689
Kentucky 1	42,578	7,482
Louisiana 4	7,200	
Manitoba 11 (2021 predicted via ARIMA)	132,000	
Michigan 5	295,635	34,250
Minnesota 2(1993-2018) (2021 predicted via ARIMA)	168,000	
Mississippi 4	32,000	
Missouri 1, *(2015, 2019)	71,518	27,956
Ohio 1, *1(2021 predicted via ARIMA)	89,300	
Ontario 12 (99-08, 14), *09-12, 19) (2021 predicted via ARIMA)	103,500	
Tennessee 1(98-08, 10, 12)*09, 11, 15-19)	79,950	
Wisconsin 5	181,430	
Flyway Total	1,672,325	

State/Province	2020		2019		2018		2017		2016		2015		2014		2013		2012		2011		2010		2009		2008		2007			
	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits	Prelim. Estimate	95% Conf Limits		
Alabama 4			65,000		62,000		62,000		55,000		55,000		55,000		48,300		42,000		41,500		41,000		31,100		30,700		29,900		35,000	
Arkansas 4, 13(2015), *16-19)			53,257		53,257		53,257		53,257		53,257		50,000		50,000		35,000		35,000		35,000		31,000		35,000		35,000		41,300	
Illinois 1			139,350	31,950	118,900	27,300	123,350	30,000	105,150	27,300	112,550	26,850	114,800	24,050	114,800	27,600	107,350	28,700	104,900	28,300	107,850	34,900	133,550	36,800	138,300	41,300	105,000	28,600		
Indiana 1(01, 03-09, 11-16), 4(02)*10)			112,500		112,800		123,175	42,850	98,194	28,950	90,764	32,687	81,480	21,797	80,540	34,839	89,229	24,581	110,194	31,585	84,214	84,214	14,555	102,700	31,800	135,300	37,561			
Iowa 1(93-96, 00-01, 05-09, 13), 4(12), 3 otherwise			83,055	16,727	95,360	19,712	106,611	24,110	84,485	13,353	71,726	12,191	84,684	16,829	73,907	11,762	100,000		105,738	19,935	96,738	14,764	104,844	16,878	88,784	13,620	93,367	16,370		
Kentucky 1			34,096	7,397	36,814	5,814	36,693	8,442	44,685	7,784	27,773	7,972	39,656	16,207	31,955	14,551	30,294	20,822	34,643	16,379	27,272	16,988	30,014	11,758	32,387	17,837	25,617	13,868		
Louisiana 4			7,000		6,500		6,100		4,800		4,500		4,500		4,100		3,400		3,400		3,000		3,000		3,000		2,500		2,500	
Manitoba 11 (2021 predicted via ARIMA)			124,708		126,880		110,967		130,708		109,748		81,170		103,678		107,310		93,448		103,934		77,229		66,835		74,987			
Michigan 5			244,208	33,237	296,737	80,028	291,658	46,576	332,932	34,029	308,163	43,164	216,861	49,257	265,444	52,431	278,928	107,805	175,952	52,404	306,604	85,652	201,074	54,888	207,865	52,362	223,348	65,967		
Minnesota 2(1993-2018) (2021 predicted via ARIMA)			110,410		162,368		151,740		117,096		160,427		100,255		208,825		157,706		155,750		145,960		164,405		139,708		144,286			
Mississippi 4			32,000		32,000		30,000		30,000		30,000		31,000		31,000		31,000		31,000		31,000		31,000		31,000		31,000		31,000	
Missouri 1, *(2015, 2019)			52,791		52,791	15,016	47,082	20,530	66,380	26,580	69,445	66,445	26,532	46,533	15,330	58,628	16,110	53,278	15,351	45,168	15,192	52,443	15,721	69,031	26,658	39,861	14,630			
Ohio 1, *1(2021 predicted via ARIMA)			96,212	56,791	88,001	2,4531	112,032	54,039	57,890	23,234	134,075	56,678	102,069	38,860	147,475	45,321	147,718		147,718	26,365	102,441	27,869	99,652	44,806	102,035	12,349	110,290	18,741		
Ontario 12 (99-08, 14), *09-12, 19) (2021 predicted via ARIMA)			100,539		100,539		96,013		55,185		8,970		81,438		90,054		73,918		100,721		60,193		77,478		100,721		85,647			
Tennessee 1(98-08, 10, 12)*09, 11, 15-19)			79,950		79,950		79,950		79,950		79,950		79,950	46,114	97,877	51,988	82,462		84,753		84,753		71,726		71,726		27,071	68,188	15,500	
Wisconsin 5			171,407	26,257	157,950		158,023	22,901	129,562	20,768	119,212	16,547	129,299	16,547	138,925	23,786	145,389	22,003	176,095	26,138	157,622	23,956	148,293	43,781	116,715	18,725	125,195	21,042		
Flyway Total			1,498,431		1,562,765		1,588,651		1,444,274		1,513,363		1,299,669		1,541,417		1,494,229		1,456,351		1,474,275		1,327,731		1,312,557		1,319,510		0	

Surveys cancelled

State/Province	2006		2005		2004		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	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits	Final Estimate	95% Conf Limits		
Alabama 4 (03)	29,100		29,800	n/a	27,300	n/a	27,000	n/a	25,000	n/a	20,000	n/a	20,000	n/a	12,000	n/a	12,000	n/a	9,000	n/a	4,000	6	4,300	6	18,000	4	17,000	6	16,000	4
Arkansas 4	30,000		30,000	n/a	30,000	n/a	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	6	4,350	6	3,300	6	3,000	6	3,000	6	3,000	6
Illinois 1	109,400	27,800	93,400	25,450	103,250	21,450	81,600	20,850	83,500	25,300	85,700	25,800	102,900	28,700	111,800	27,100	105,650	36,350	72,720	27,500	154,238	55,700	107,000	55,700	114,200	47,800	196,300	67,700		
Indiana 1(01, 03-05), 4(02)	175,882	88,623	94,979	27,997	80,222	29,423	106,558	n/a	121,052	49,840	121,052	49,840	121,340	46,121	88,968	34,142	78,857	21,939	92,840	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	101,460	16,349	91,141	14,787	88,900	n/a	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	40,855	8,160	32,100	6,680	28,025	6,460	38,000	7		
Kentucky 1	26,508	14,105	29,724	16,793	35,211	20,901	23,338	11,083	27,322	9,251	36,526	9,189	38,508	16,634	46,385	11,046	23,495	15,000	7,810	19,670	7,530	29,071	16,720	15,000	7,600	20,675	16,600			
Louisiana 4	2,500		2,500	n/a	2,500	n/a	2,500	n/a	2,000	n/a	2,000	n/a	2,000	n/a	1,500	n/a	4,000	n/a	4,000	6	3,300	4	3,300	4	3,000	4	3,000	4		
Manitoba 11	80,320		34,888		89,069		42,658	n/a	52,825		27,413		42,327		31,882		37,651		41,025		41,787		44,524		37,025		42,892			
Michigan 5	198,846	48,992	168,701	51,911	171,825	46,674	216,200	59,400	245,957	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	198,515	70,428	152,340	43,500		
Minnesota 2(98-00, 1(01-11))	206,757		168,469		155,859		331,094		189,353		193,887		301,298		268,168		138,507		158,817		238,708		120,775		77,878		91,369			
Mississippi 4	28,500	n/a	28,500	n/a	28,500	n/a	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	10,980	8	11,970	8	9,000	4	9,000	4		
Missouri 1	64,593	20,220	63,487	21,988	65,173	28,978	62,806	19,519	64,222	24,405	50,516	14,935	77,128	27,710	56,750	10,987	44,628	8,816	41,020	22,800	38,968	19,530	32,200	14,200	35,050	19,400	30,300	18,000		
Ohio 1	80,709	19,904	98,178	28,473	84,540	8,294	70,498	9,800	95,556	14,446	142,648	22,282	90,256	29,732	84,208	6,904	77,942	14,136	72,000	19,950	74,527	16,350	69,300	26,050	71,000	22,300	58,000	30,000		
Ontario 12 (99-08), *09-11)	91,214		78,450		68,458		49,294		49,294		49,294		45,303		45,303		34,253		34,253		34,253		34,253		23,828		23,828			
Tennessee 1	45,880	10,707	72,105	22,855	53,254		15,980	57,488	15,382	60,599	15,011	69,752	25,938	69,778	24,414	53,077	17,468	65,688	23,476	54,120	8	59,120	6	44,300	6	49,200	6	38,000	6	
Wisconsin 5	134,683	41,009	123,836	20,042	149,004	47,043	235,448	84,569	143,484	52,555	73,669	24,																		

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

YEAR	MN ²	WI ³	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 ²	WI ³	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 ¹	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
2017	19,028	60,243	148,477	53,620	437,325	29,169	67,778	809,885	81,416	867,124	1,108,626	2,782,208	1,446,429	77,717	7,989,045
2018	9,856	64,125	105,241	45,498	358,629	42,248	104,427	492,877	100,258	1,241,709	787,519	3,499,143	1,150,947	82,063	8,084,540
2019		51,873	117,489	57,793	493,131	18,230	43,221	854,067	50,767	1,092,133	86,347	2,502,078	371,834	21,990	5,760,953
2020			103,396	53,428	172,556	13,379	159,404	511,181	45,661	1,287,526	322,131	2,814,247	613,351	34,579	6,130,839
2021			135,622	33,388	402,300	5,294	158,005	650,252	58,879	1,112,901	393,700	2,261,313	477,764	52,776	5,742,194
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
61-70	11,670	35,020	49,410	138,830	400,670	61,510	94,560	322,950	57,510	1,289,020	404,080	4,934,590	244,480	106,130	8,150,430
71-80	25,890	20,640	42,540	114,190	411,960	37,380	64,780	312,380	42,330	931,690	395,680	3,798,880	400,600	96,030	6,694,970
81-90	26,428	35,632	47,265	56,290	222,754	26,340	62,768	195,680	32,286	1,005,389	374,195	3,077,005	262,650	79,514	5,504,197
91-00	16,902	49,389	110,141	28,234	195,650	32,347	126,204	388,455	49,833	891,267	445,882	3,506,333	222,893	91,048	6,143,563
01-10	26,852	98,549	120,393	56,147	191,362	20,769	83,221	432,044	91,341	851,161	535,799	3,509,515	356,051	93,053	6,456,401
11-20	20,458	76,577	134,051	56,240	396,245	36,006	103,577	646,956	84,577	1,080,698	674,883	3,251,137	792,957	70,608	7,386,411
Long-term	20,880	50,587	87,932	75,852	364,885	81,869	91,296	385,724	68,351	1,038,425	463,277	3,532,293	361,664	88,893	6,704,790

* - 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 9/21/21

¹-Arkansas 2010: switched to a transect survey in Zone 2 & 3

²-MN: 2019 discontinued survey ³ WI: 2020 discontinued survey

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

YEAR	MN ²	WI ³	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	42,934	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 ²	WI ³	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 ¹	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
2017	16,592	21,298	42,534	49,537	396,163	27,193	52,099	737,699	77,838	853,177	1,034,901	2,008,010	1,301,681	68,211	6,686,933
2018	9,455	27,199	22,713	44,830	310,123	35,138	81,360	379,308	92,758	1,218,263	751,960	2,647,531	1,093,823	66,078	6,780,539
2019		22,409	36,317	44,980	368,817	17,096	37,747	816,136	47,760	832,540	81,302	1,668,749	300,105	17,586	4,291,544
2020			23,977	44,295	131,566	12,314	57,115	499,551	40,924	1,276,536	302,349	1,622,424	552,962	31,526	4,595,539
2021			4,241	27,275	327,661	4,181	59,851	607,163	51,475	802,093	365,098	1,527,817	443,960	45,993	4,266,808
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	10,020	12,220	16,440	138,490	367,160	60,270	78,240	310,160	50,050	1,251,990	367,800	3,852,190	183,430	90,530	6,788,990
71-75	25,340	11,390	15,950	109,650	369,840	32,780	56,970	290,950	41,220	901,070	374,250	3,167,050	357,390	78,620	5,832,470
81-85	25,789	24,463	12,111	55,673	166,320	24,846	46,042	178,314	29,616	932,795	363,378	2,511,615	218,190	61,910	4,651,060
91-95	16,005	30,409	32,129	25,974	156,812	30,593	81,800	358,100	46,776	840,483	425,242	3,141,489	201,475	78,456	5,462,529
01-10	24,376	32,956	29,751	43,441	149,108	19,278	56,322	408,882	81,510	825,629	501,691	2,947,865	288,243	76,517	5,482,274
11-20	16,175	27,295	30,384	49,232	299,758	31,185	67,780	596,886	79,000	1,007,286	636,782	2,313,294	688,015	58,459	5,889,489
Long-term	19,003	22,239	23,258	71,459	313,589	78,845	66,630	361,158	62,770	988,754	435,051	2,870,832	305,863	73,527	5,690,089

* - 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

¹-Arkansas 2010: switched to a transect survey in Zone 2 & 3

² MN: 2019 discontinued survey ³ WI: 2020 discontinued survey

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

YEAR	MN ²	WI ³	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 ²	WI ³	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 ¹	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
2017	1,976	19,119	99,248	2,527	33,517	1,138	11,171	7,245	3,509	13,947	43,993	771,319	144,188	7,608	1,160,505
2018	290	29,334	71,225	558	42,281	3,209	7,307	2,901	6,887	22,781	34,777	844,128	48,491	15,436	1,129,605
2019		28,757	77,411	12,798	120,626	1,070	4,910	18,452	2,990	10,624	4,845	833,076	70,807	4,404	1,190,770
2020			74,861	9,133	40,990	1,065	102,289	11,630	4,737	10,990	19,782	1,191,823	60,389	3,053	1,530,742
2021			122,366	6,047	74,589	1,007	98,019	15,252	7,402	111,376	28,602	732,296	33,804	6,310	1,237,070
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
61-70	1,280	18,480	30,360	243	16,110	860	4,160	4,120	3,000	32,200	23,540	1,064,380	54,620	11,100	1,264,380
71-80	540	6,390	23,990	3,920	29,800	1,300	6,190	10,720	570	18,020	12,610	626,060	33,790	11,000	784,900
81-90	548	6,976	20,896	358	43,547	772	11,185	8,643	1,734	68,589	9,021	565,090	42,155	15,280	794,668
91-00	402	14,531	64,934	859	24,263	1,268	26,657	14,651	2,552	50,525	19,838	362,375	14,279	10,222	600,861
01-10	1,198	53,006	78,024	9,511	27,126	950	13,912	10,870	9,611	24,545	32,331	547,956	36,477	12,287	852,503
11-20	1,938	37,376	92,005	5,407	85,962	1,736	25,395	12,557	5,318	30,618	31,397	930,109	98,096	10,753	1,346,139
Long-term	1,104	21,644	55,067	3,553	36,911	1,432	14,873	9,598	3,756	36,829	22,440	653,661	45,962	11,802	914,761

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

** - TRace = Fewer than 50

***- NS = No survey

DF 9/21/21

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

¹-Arkansas 2010: switched to a transect survey in Zone 2 & 3 ² MN: 2019 discontinued survey ³ WI: 2020 discontinued survey

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

YEAR	MN ²	WI ³	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 ²	WI ³	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 ¹	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
2017	16,355	20,798	38,292	49,492	383,638	24,542	45,247	648,173	68,638	682,845	790,198	246,123	680,154	21,789	3,716,284
2018	9,444	26,778	18,632	44,701	296,611	33,227	68,912	360,784	87,297	1,018,636	575,578	301,047	496,065	21,232	3,358,944
2019		22,160	30,260	44,926	347,430	14,206	33,724	699,176	39,711	574,016	52,725	106,172	113,076	3,707	2,081,289
2020			22,168	44,167	112,152	10,660	50,718	367,145	27,964	753,117	189,428	67,072	176,801	7,721	1,829,113
2021			29,976	27,064	268,133	2,785	47,385	485,443	47,555	472,277	273,760	46,534	67,391	13,958	1,782,261
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
61-70	9,810	9,310	8,440	138,290	351,700	55,050	31,920	301,920	40,960	1,118,130	276,940	570,940	145,740	51,840	3,110,990
71-80	24,860	10,370	13,000	109,320	355,130	27,230	32,710	282,140	34,580	805,040	287,820	613,660	307,620	45,510	2,948,990
81-90	25,698	23,242	10,468	55,580	158,144	19,992	29,661	175,810	22,796	765,590	310,336	475,830	158,270	28,500	2,259,916
91-00	15,943	28,838	27,224	25,882	150,898	26,403	57,805	341,407	39,033	556,548	375,985	577,813	130,151	27,954	2,379,160
01-10	24,317	32,001	26,177	43,188	142,121	16,950	48,593	339,222	76,017	575,572	389,963	339,752	143,938	32,406	2,227,017
11-20	16,061	26,678	27,154	49,000	279,074	28,442	58,756	497,319	72,066	741,419	478,545	211,896	273,990	19,494	2,768,583
Long-term	18,818	20,616	17,943	71,270	299,652	70,568	43,457	328,191	54,814	794,413	346,366	461,798	182,006	34,488	2,741,832

* - 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 9/21/21

¹-Arkansas 2010: switched to a transect survey in Zone 2 & 3

²-MN: 2019 discontinued survey ³WI: 2020 discontinued survey

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

YEAR	MN ²	WI ³	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

Continued on next page

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

YEAR	MN ²	WI ³	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 ¹	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
2017	2	224	3,053	4	165	755	6,207	10	1,095	0	4,753	0	0	539	16,807
2018	0	399	2,982	4	606	1,371	10,389	2	1,292	0	3,087	0	0	314	20,446
2019		89	3,676	8	230	129	3,626	19	513	0	628	0	5	20	8,943
2020			1,284	0	757	522	4,426	10	329	0	590	0	10	90	8,018
2021			2,813	3	259	72	11,649	227	398	0	680	0	0	186	16,287
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
61-70	200	2,900	8,000	300	14,640	5,040	45,900	1,810	8,200	4,910	38,830	9,420	7,170	9,820	156,940
71-80	480	950	2,830	200	12,320	5,370	23,990	2,640	5,710	2,560	47,060	156	1,510	7,060	112,800
81-90	125	820	1,600	200	6,440	4,740	13,060	150	6,440	2,320	32,520	40	940	5,200	74,400
91-00	34	1,372	4,564	49	3,578	2,627	23,399	534	4,285	714	19,324	15	411	2,791	63,239
01-10	24	659	3,080	72	1,000	750	6,777	229	2,092	18	8,824	16	443	1,980	25,462
11-20	13	273	2,374	4	1,100	839	7,922	356	1,093	8	4,220	0	2	510	18,206
Long-term	168	1,461	5,493	101	7,861	7,189	22,455	1,098	5,056	2,101	24,808	3,537	1,724	4,427	86,882

* - TRace = Fewer than 50

***- NS = No Survey

DF 9/21/2021

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

¹ AR 2010: switched to a transect survey in Zn 2 & 3. ² MN: 2019 discontinued survey ³ WI: 2020 discontinued survey

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

YEAR	MN ²	WI ³	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	0	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 ²	WI ³	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 ¹	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
2017	0	2	15	0	5,140	219	44	22,894	150	14,089	51,938	258,071	153,688	2,466	508,716
2018	5	1	60	5	204	13	723	1,201	1,010	18,242	40,030	352,294	87,671	2,168	503,627
2019		24	10	20	5,990	1,527	27	60,079	3,034	67,148	10,412	118,399	8,952	40	275,662
2020			100	13	8,635	328	19	54,317	11,520	165,346	35,217	188,420	33,734	2,512	500,161
2021			104	1	15,366	328	31	23,078	535	18,128	30,377	102,455	35,489	3,950	229,842
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
61-70	0	5	3	74	312	37	181	3,418	120	46,702	9,602	802,970	6,940	7,940	878,304
71-80	0	0	8	48	150	40	73	3,840	143	49,940	5,540	471,480	17,460	5,130	553,850
81-90	8	18	11	25	310	49	107	299	245	53,346	2,559	538,380	7,500	3,450	606,305
91-00	0	2	11	9	759	224	142	6,495	353	102,533	4,450	337,928	10,292	2,179	465,376
01-10	1	1	55	4	1,775	169	237	35,788	96	75,713	21,360	394,999	15,796	3,414	549,408
11-20	3	4	24	29	5,829	424	110	31,667	1,949	48,074	36,245	196,487	57,179	2,343	380,360
Long-term	4	5	21	31	1,608	297	173	12,622	694	63,577	12,874	450,937	18,188	4,145	565,172

* - 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 9/21/21

¹-Arkansas 2010: switched to a transect survey in Zone 2 & 3 ²-MN: 2019 discontinued survey ³WI: 2020 discontinued survey

MIDWINTER SURVEY ESTIMATES OF CANADA GEESE IN THE MISSISSIPPI FLYWAY*

YEAR	ONT	MN ²	WI ³	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 ²	WI ³	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 ¹	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
2017	37,792	4,577	49,821	49,828	246,554	71,305	10,690	141,270	80,550	6,139	11,829	10,790	0	1,031	922	723,098
2018	32,202	4,065	58,355	31,248	119,671	93,461	92,301	164,188	221,061	36,604	11,404	13,616	0	1,401	1,316	880,893
2019	41,886		104,981	86,439	269,790	76,335	7,561	72,036	73,307	2,651	10,785	1,827	0	484	505	748,587
2020	96,824			64,101	235,423	70,831	6,478	77,577	123,384	2,977	20,959	5,002	0	493	78	704,127
2021	55,557			79,201	153,732	89,988	2,997	75,698	106,867	11,933	10,433	5,053	0	327	750	592,536
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
61-70	NO SURV.	8,117	7,333	7,420	390	180,604	5,172	9,689	100,496	17,018	4,902	51,212	5,360	1,260	44,030	443,003
71-80	22,500	31,540	22,950	23,080	3,050	289,360	13,310	23,330	198,920	30,490	3,100	60,300	2,320	3,270	26,510	754,030
81-90	30,701	111,339	201,766	61,702	22,463	278,380	14,703	47,944	134,102	43,520	10,280	60,130	3,670	4,520	22,840	1,048,059
91-00	29,861	138,106	388,003	112,391	62,172	289,224	15,903	82,729	96,115	33,741	11,507	25,658	1,479	3,501	5,228	1,203,624
01-10	32,207	81,700	143,735	53,002	140,844	149,121	26,338	120,628	181,089	34,745	6,021	25,936	803	767	1,727	984,289
11-20	72,274	29,637	70,397	53,100	203,029	105,042	29,484	131,414	136,789	10,761	11,559	11,356	81	741	924	843,002
Long-term	37,827	80,499	158,225	61,342	87,634	219,632	19,615	81,068	148,569	30,284	8,531	36,056	1,641	2,516	11,236	959,266

* - 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.

¹ AR 2010: switched to a transect survey in Zn 2 & 3. ² MN : 2019 discontinued survey; ³ WI: 2020 discontinued survey

Central/Mississippi Light Goose Mid-winter Survey^{1,2,3}

Year	Mid-Continent Population															Western Central Flyway Population										MCP + WCFP Total																						
	Mississippi Flyway															Central Flyway																																
	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	GA	FL	NC	SC	VA	MD	DE	PA	NY	CT	RI		MA	NH	VT	ME	MT	WY	NE	KS	OK	TX	CO	NM	OK	TX	NE	WY	MT	WCF TOTAL				
1970	0	0	100	13,600	13,700	4,200	TR	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,925	783,940	
1971	0	0	0	84,400	10,100	800	300	133,100	500	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	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	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	406,100	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	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	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	34,000	17,648	8,863	810,219	870,730	1,562,355	0	22,944	0	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,944	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	27,800	15,900	1,128,750	1,172,252	1,966,377	0	30,400	0	650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	22,900	837,713	902,043	1,406,693	364	36,200	0	987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37,551	1,444,244	
1982	25	0	0	215,000	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	905,538	1,494,538	302	40,536	0	2,200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	992,825	0	0	9,800	26,600	22,120	921,700	980,220	1,973,045	8,265	53,240	0	1,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	619,625	0	0	0	8,111	56,700	772,800	837,611	1,449,361	2,417	93,174	200	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2,700	1,013,775	0	17	51,597	24,853	25,750	795,400	900,437	1,913,812	32,900	29,245	0	1,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	3,400	1,014,375	0	6,739	77,507	14,282	15,794	621,600	735,922	1,590,697	5,540	37,777	0	2,900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67,637	2,023,869	
1990	107	1	0	186,181	13,432	1	40	86,720	15,000	211,800	500	546,200	500	2,500	1,062,982	0	2,500	0	33,520	22,922	602,360	691,302	1,724,284	9,720	28,526	0	4,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38,686	1,762,970	
1991	52	1	0	266,952	21,150	0	36	328,550	6,000	257,982	68	449,600	263	1,415	1,336,877	5	14,440	51,050	36,641	22,394	675,350	799,880	2,135,750	35,984	58,939	0	9,700	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	848,131	0	252	0	182,904	17,802	695,225	895,951	1,744,082	357	39,273	0	5,515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45,445	1,748,227	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84,874	2,285,689
1995	28	0	0	300	2,225	0	75	360,051	8,018	415,075	37	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80,127	2,805,219
1996	31	-	0	43	9,275	0	20	293,890	27,001	317,770	47	898,154	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90,554	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127,172	3,084,858
1998	25	2	0	125,520	4,685	4	0	214,650	5	327,528	31	1,240,980	47,509	2,604	1,963,543	7	12,560	28,006	171,390	1,850	844,872	1,058,685	3,022,228	55,782	31,689	0	16,047	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103,522	3,125,750
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																													

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

YEAR	MN ²	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 ²	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 ¹	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
2017	0	0	0	96	54,690	2,545	43	37,114	11,273	216,190	10,014	88,820	23,060	725	444,570
2018	0	0	0	15	60,995	22,917	591	3,537	6,100	406,025	17,764	150,974	27,075	375	696,368
2019		0	0	14,471	117,865	4,970	17	81,152	4,700	268,525	2,400	82,750	25,000	0	601,850
2020			0	9,248	88,370	13,317	31	63,890	6,450	320,694	15,015	35,159	25,180	410	577,764
2021			0	21	63,585	748	15	82,980	1,400	228,543	21,286	94,942	33,000	255	526,775
AVERAGES:															
55-60	0	0	0	0	0	0	0	24	0	0	0	8,610	0	0	8,634
61-70	0	0	0	0	3	0	0	7	0	5	0	32,835	0	0	32,850
71-80	3	0	5	10	0	0	0	90	3	88	3	47,510	5	3	47,718
81-90	8	0	0	13	0	3	0	58	13	6,010	8	73,170	93	25	79,398
91-00	0	0	0	2	3	0	4	2,136	101	29,731	70	101,740	1,716	12	135,514
01-10	0	1	0	291	14,512	119	8	11,405	7,135	44,120	6,381	86,444	5,768	90	176,246
11-20	0	0	0	2,419	61,294	6,972	369	39,440	6,876	191,014	10,961	98,602	16,626	267	434,838
Long-term	2	0	1	404	12,084	1,054	57	9,036	2,098	43,209	2,875	66,906	4,045	62	141,827

* - 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 9/21/21

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

²-MN: 2019 discontinued survey ³ WI: 2020 discontinued survey

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
2017	0	50	677	99	55	85	821	12	107	0	3	0	0	0	1,909	1,953	115,425	119,287
2018	0	42	27	125	4	166	11	0	43	0	13	0	0	0	431	61	111,122	111,614
2019		180	99		205	20	80	8	149	0	0	0	0	0	741	19,721	72,365	92,827
2020			817	0	200	75	7,845	0	304	0	0	0	0	0	9,241	7,991	61,354	78,586
2021			848	155	106	1	133	84	349	0	0	0	0	1	1,677	8,302	76,701	86,680
AVERAGES																		
82-90	17	42	48	11	14	0	96	3	6	8	8	0	0	3	255	595	86,515	87,365
91-00	45	17	813	2	1	29	153	1	3	0	2	0	0	0	1,066	2,509	92,236	95,811
01-10	1	351	938	205	28	28	834	2	40	0	2	0	0	1	2,429	6,132	91,160	99,721
11-20	18	1,318	962	515	298	70	1,549	33	115	0	2	0	1	0	4,501	7,269	93,772	105,542
Long-term	20	419	697	178	87	32	659	12	49	2	4	0	0	1	2,098	4,319	90,676	97,093

* Michigan did not conduct MWS

MN: 2019 discontinued survey *WI: 2020 discontinued survey

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
2016*	18,659	4,912	116	523	188	805	0	0	0	0	0	25,223	6,059	3,155	59,640	43,101	12,194	23,234	138,170
2017*	4,872	33,840	230	318	1,196	6,042	153	73	0	52	0	29,158	0	0	75,934	16,743	6,036	18,406	117,119
2018*	1,365	0	236	57	0	1,061	847	0	0	0	0	1,462	3,732	0	21,921	11,570	2,813	47,277	83,582
2019*	700	7,249	2,400	9,244	0	122	0	0	0	0	0	110,781	1,535	29,287	161,319	12,103	46,831	22,326	242,580
2020*	739	7,991	951	2,793	0	179	0	0	0	0	0	51,884	1,768	31,309	97,615	14,161	48,554	22,338	182,667

* - 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
2016*	2,917	1,228	116	82	188	76	0	0	0	0	0	2,750	1,010	1,577
2017*	1,729	2,115	230	529	80	903	76	73	0	52	0	3,635	0	1,705
2018*	170	0	236	46	0	72	169	0	0	0	0	487	933	174
2019*	700	1,143	2,503	1,423	0	46	0	0	0	0	2,454	3,591	1,051	2,569
2020*	739	1,261	3,559	604	0	68	0	0	0	0	2,830	2,089	1,340	2,752

* - 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
2016*	8,833	1,228	347	239	2,820	513	0	0	0	0	0	4,267	2,020	18,930	39,197	11,152	4,491	9,674	64,513
2017*	3,176	4,230	575	1,700	80	3,267	76	73	0	52	0	28,286	0	1,705	43,220	6,243	4,799	23,394	77,655
2018*	1,023	0	473	185	0	340	169	0	0	0	0	974	933	4,176	8,275	5,804	2,847	19,420	36,348
2019*	700	2,286	18,102	6,653	0	219	0	0	0	0	22,086	13,989	7,635	6,526	78,196	8,029	10,777	12,523	109,525
2020*	739	2,521	9,739	1,936	0	321	0	0	0	0	25,469	9,165	9,220	6,983	66,094	8,050	11,897	13,431	99,473

* - 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
2016*	6.4	4.0	1.0	6.4	1.0	10.6	0.0	0.0	0.0	0.0	0.0	9.2	6.0	2.0
2017*	2.8	16.0	1.0	0.6	15.0	6.7	2.0	1.0	0.0	1.0	0.0	8.0	0.0	0.0
2018*	1.3	0.0	1.0	0.0	0.0	3.1	5.0	0.0	0.0	0.0	0.0	15.0	4.0	0.0
2019*	1.0	6.3	1.0	6.5	0.0	2.6	0.0	0.0	0.0	0.0	0.0	30.9	1.5	11.4
2020*	1.0	6.3	0.3	4.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0	24.8	1.3	11.4

* - Preliminary

DF 9/21/2021

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
2016*	45,502	--	316,593	115,171	305,407	149,088	408,515	184,572	225,066	396,022	96,718	128,109	321,634	258,221	4,606,029	7,334,567	1,561,436	13,502,032
2017*	40,764	--	344,896	122,077	67,221	254,740	334,755	141,903	316,540	483,567	39,133	134,876	367,227	287,122	4,783,344	5,462,816	1,314,973	11,561,133
2018*	18,068	--	155,042	110,781	169,081	245,358	276,800	133,168	273,429	415,724	55,273	107,842	309,406	170,574	4,167,631	4,749,149	1,457,697	10,374,477
2019*	41,396	--	148,812	112,569	92,950	223,299	228,687	63,781	193,387	512,849	40,158	29,907	268,023	328,117	3,656,849	5,266,419	1,060,225	9,983,494
2020*	50,394	--	171,526	177,305	132,203	282,247	467,166	183,661	214,635	617,805	63,127	104,579	318,393	320,326	4,648,333	5,885,731	1,170,053	11,704,118

* 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
2016*	5,100	-	15,722	6,745	14,217	10,710	25,197	13,712	13,775	31,442	6,457	9,725	25,208	16,260
2017*	5,460	-	17,142	10,288	5,889	11,882	19,388	15,822	13,570	27,633	6,830	11,212	27,356	16,240
2018*	3,597	-	11,890	7,437	12,770	15,046	15,520	7,982	15,730	30,448	7,083	8,968	25,968	12,378
2019*	5,292	-	11,287	8,625	10,247	11,225	17,094	6,054	12,717	28,627	3,851	3,634	21,125	14,236
2020*	6,324	-	14,245	11,358	10,483	13,328	26,031	9,984	15,305	36,179	7,002	9,702	24,315	19,952

* Preliminary

Continued on next page

Continued from previous page

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
2016*	17,039	-	45,487	23,267	47,347	34,783	59,366	25,019	31,692	65,362	18,028	25,271	65,140	36,233	789,569	1,344,379	295,873	2,429,820
2017*	20,522	-	52,540	25,318	16,025	30,898	44,293	30,791	35,742	64,928	16,227	28,331	65,740	35,537	758,454	1,058,833	235,078	2,052,364
2018*	14,093	-	29,368	15,933	36,341	35,806	31,644	21,958	32,759	58,756	16,888	23,516	48,275	24,515	634,837	852,083	259,769	1,746,691
2019*	17,226	-	25,876	21,116	24,957	32,798	46,339	11,201	28,363	61,683	9,404	11,029	47,079	37,521	643,488	986,771	207,186	1,837,446
2020*	22,927	-	30,920	30,746	41,184	37,901	69,402	23,523	28,353	97,672	23,800	25,005	63,596	47,620	792,725	1,171,024	226,051	2,189,801

* 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
2016*	8.9	--	20.1	17.1	21.5	13.9	16.2	13.5	16.3	12.6	15.0	13.2	12.8	15.9
2017*	7.5	--	20.1	11.9	11.4	21.4	17.3	9.0	23.3	17.5	5.7	12.0	13.4	17.7
2018*	5.0	--	13.0	15.0	13.2	16.3	17.8	16.7	17.4	13.7	7.8	12.0	11.9	13.8
2019*	7.8	--	13.2	13.1	9.1	19.9	13.4	10.5	15.2	17.9	10.4	8.2	12.7	23.0
2020*	8.0	--	12.0	15.6	12.6	21.2	17.9	18.4	14.0	17.1	9.0	10.8	13.1	16.1

* Preliminary

DF 9/22/2021

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
2016*	0	0	0	0	8,643	726	3,212	0	0	16,875	1,518,551	131,704	1,667,130
2017*	0	0	0	0	9,193	775	9,844	0	0	25,438	430,226	109,412	1,425,035
2018*	0	0	0	0	8,794	1,095	3,924	0	0	23,393	1,537,342	110,751	1,671,487
2019*	0	0	0	0	982	2,498	3,253	0	0	27,580	1,628,087	92,380	1,748,047
2020*	0	0	0	0	4,378	898	15,425	0	0	31,430	1,035,545	95,608	1,162,583

* 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
2016*	0	0	0	0	2,293	171	602	0	0
2017*	0	0	0	0	1,484	650	1,118	0	0
2018*	0	0	0	0	1,962	219	1,435	0	0
2019*	0	0	0	0	273	595	1,216	0	0
2020*	0	0	0	0	1,498	1,007	1,529	0	0

* Preliminary

Continued on next page

Continued from previous page

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
2016*	0	0	0	0	6,790	985	1,139	0	0	12,768	539,405	72,944	625,117
2017*	0	0	0	0	2,484	1,005	10,717	0	0	25,438	430,226	63,823	519,487
2018*	0	0	0	0	3,572	328	1,783	0	0	14,093	398,351	56,551	468,997
2019*	0	0	0	0	842	1,132	1,387	0	0	14,805	454,475	45,782	515,062
2020*	0	0	0	0	3,013	2,293	7,638	0	0	28,154	507,835	52,220	588,209

* 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
2016*	0.0	0.0	0.0	0.0	3.8	4.2	5.3	0.0	0.0
2017*	0.0	0.0	0.0	0.0	6.2	1.2	8.8	0.0	0.0
2018*	0.0	0.0	0.0	0.0	2.4	3.3	2.1	0.0	0.0
2019*	0.0	0.0	0.0	0.0	3.6	4.2	2.7	0.0	0.0
2020*	0.0	0.0	0.0	0.0	2.9	0.9	10.1	0.0	0.0

* Preliminary

DF 9/21/2021

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
2016*	25,936	35,077	64,863	2,886	1,633	897	3,248	3,408	2,410	2,980	0	1,816	12	92	157,973	44,352	202,325
2017*	26,653	31,142	66,109	1,862	357	1,524	445	179	942	611	89	9,895	367	628	140,883	62,653	203,536
2018*	22,500	25,498	59,632	0	0	162	588	156	253	10,090	306	10,593	447	226	130,615	49,579	180,194
2019*	20,822	26,769	64,492	1,625	3,410	370	720	290	67	6,755	5013.26	1,495	82	981	136,007	35,271	171,278
2020*	25,035	49,295	37,418	196	80	988	2,933	181	239	0	35.21	4,659	1,811	265	123,705	51,112	174,816

* 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
2016*	13,456	11,670	24,064	498	1,527	321	2,597	2,247	1,063	4,050	1412	946	645	1,354
2017*	11,895	11,700	24,131	1,011	119	1,054	1,928	861	133	1,545	1286	3,516	1,563	1,751
2018*	10,400	10,841	29,328	0	41	93	470	78	66	2,467	184	5,214	105	176
2019*	8,743	9,535	19,128	609	2,280	495	1,105	129	84	6,994	1629	1,304	109	63
2020*	12,009	17,227	18,456	78	1,840	1,149	2,013	835	1,191	1,376	35	2,866	1,594	66

* Preliminary

Continued on next page

Continued from previous page

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
2016*	45,990	55,073	107,126	1,770	13,158	1,302	8,230	6,249	1,517	13,415	9756.49	4,551	1,279	1,446	300,206	96,115	396,321
2017*	45,667	52,420	122,793	2,434	317	2,852	4,995	1,331	829	4,747	2632.4738	14,472	2,423	2,184	272,373	115,355	387,728
2018*	41,521	45,941	135,774	0	82	209	823	234	279	7,734	612	11,149	368	501	245,958	99,176	345,134
2019*	29,259	46,955	86,066	4,467	11,338	1,059	2,357	752	227	14,351	11307.24	6,041	326	348	216,618	101,163	317,781
2020*	49,742	82,291	82,931	411	5,362	3,226	5,249	2,619	1,458	8,256	140.84	7,418	2,592	177	260,640	142,834	403,474

* 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
2016*	1.9	3.0	2.7	5.8	1.1	2.8	1.3	1.5	2.3	0.7	0.0	1.9	0.0	0.1
2017*	2.2	2.7	2.7	1.8	3.0	1.4	0.2	0.2	7.1	0.4	0.1	2.8	0.2	0.4
2018*	2.2	2.4	2.0	0.0	0.0	1.8	1.3	2.0	3.8	4.1	1.7	2.0	4.3	1.3
2019*	2.4	2.8	3.4	2.7	1.5	0.8	0.7	2.3	0.8	1.0	3.1	1.2	0.8	15.5
2020*	2.1	2.9	2.0	2.5	0.0	0.9	1.5	0.2	0.2	0.0	1.0	1.6	1.1	4.0

* Preliminary

DF 9/21/21

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
2016*	654	0	231	10,000	0	110	0	0	0	0	0	12,641	2,020	521	26,176	69,126	18,548	4,582	118,433
2017*	83	1,058	919	94	797	208	917	658	0	157	0	595	0	176	5,662	28,521	3,962	4,268	42,412
2018*	853	2,539	4,799	23	0	134	0	0	0	0	0	0	0	696	9,044	70,752	678	3,093	83,570
2019*	700	7,287	3,125	4,670	0	76	0	2,004	0	0	0	13,304	0	0	31,165	50,340	6,232	4,976	92,714
2020*	739	8,033	19,207	1,013	0	111	0	1,896	0	0	0	10,893	0	0	41,891	39,533	6,612	4,965	39,002

* - 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
2016*	327	1,228	116	1,619	0	427	69	0	0	0	0	126	1,010	104
2017*	948	1,058	1,310	517	979	66	153	73	0	52	2,412	795	298	88
2018*	1,470	2,539	4,799	46	0	982	0	0	0	2,781	0	0	0	348
2019*	700	4,271	1,407	876	0	552	0	693	0	0	0	1,238	121	0
2020*	739	4,709	5,691	190	0	602	0	653	0	0	0	772	107	0

* - Preliminary

Continued on next page

Continued from previous page

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
2016*	899	2,456	347	4,831	0	1,314	69	0	0	0	0	1,643	1,010	104	12,673	22,072	8,582	2,476	45,803
2017*	3,209	1,058	1,425	1,588	2,118	177	917	146	0	52	2,412	795	298	176	14,372	17,942	7,323	9,417	49,054
2018*	2,324	2,539	19,196	104	0	12,935	0	0	0	2,781	0	0	0	4,698	44,578	21,481	6,005	4,309	76,374
2019*	2,800	8,542	7,717	2,043	0	1,773	0	1,310	0	0	0	3,867	1,331	0	29,384	17,642	17,102	5,242	69,370
2020*	2,957	9,418	15,892	443	0	1,980	0	1,243	0	0	0	3,339	1,177	0	36,450	15,010	18,803	4,816	75,080

* - 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
2016*	2.0	0.0	2.0	6.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	100.0	2.0	5.0
2017*	0.1	1.0	0.7	0.2	0.8	3.2	6.0	9.0	0.0	3.0	0.0	0.7	0.0	2.0
2018*	0.4	1.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2019*	1.0	1.7	2.2	5.3	0.0	0.1	0.0	2.9	0.0	0.0	0.0	10.7	0.0	0.0
2020*	1.0	1.7	3.4	5.3	0.0	0.2	0.0	2.9	0.0	0.0	0.0	14.1	0.0	0.0

* - Preliminary

DF 9/21/2021

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	0	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
2016*	0	0	0	451	0	293	357	0	0	0	0	0	0	0	1,101	12,093	1,263	0	14,456
2017*	0	0	0	2,725	0	28	0	0	0	0	0	67	0	0	2,820	11,821	0	0	14,641
2018*	2,212	0	0	5,321	0	66	0	0	0	0	0	0	0	0	7,600	6,856	133	0	14,590
2019*	0	234	0	4,511	0	13	0	720	0	0	0	613	0	0	6,091	18,503	5,246	0	29,840
2020*	0	0	0	51	0	15	0	0	0	0	0	0	0	0	66	30,633	2,495	0	33,193

* - 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	1,264	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
2016*	139	0	0	53	0	299	71	0	0	0	0	0	0	0
2017*	0	0	0	438	0	20	0	0	0	0	0	679	0	0
2018*	1,437	0	0	1,048	0	573	0	0	0	0	0	0	0	0
2019*	0	967	0	812	0	13	0	60	0	0	0	562	0	0
2020*	195	0	0	1,368	0	19	0	0	0	1,673	0	0	0	0

* - Preliminary

Continued on next page

Continued from previous page

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	47	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	1,230	0	0	464	866	571	0	0	0	2,972	0	0	6,547	4,781	3,279	0	14,607
2014*	1,339	8,569	2,529	0	0	332	31	0	0	0	0	1,283	0	0	14,082	8,961	19,667	0	42,710
2015*	0	11,078	1,429	0	0	844	1,172	0	58	0	0	2,675	0	0	17,256	2,958	5,847	0	26,061
2016*	209	0	0	125	0	606	285	0	0	0	0	0	0	0	1,225	1,806	136	0	3,167
2017*	0	0	0	1,303	0	57	0	0	0	0	0	945	0	0	2,305	3,240	0	0	5,544
2018*	2,682	0	0	2,153	0	2,301	0	0	0	0	0	0	0	0	9,558	2,406	902	0	12,866
2019*	0	1,067	0	2,138	0	91	0	420	0	0	0	1,223	0	0	4,939	3,507	13,915	0	22,361
2020*	1,269	0	0	2,297	0	76	0	0	0	1,673	0	0	0	0	5,316	4,355	2,213	0	11,884

* - 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
2016*	0.0	0.0	0.0	8.4	0.0	1.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017*	0.0	0.0	0.0	6.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
2018*	1.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019*	0.0	0.2	0.0	5.6	0.0	1.0	0.0	12.0	0.0	0.0	0.0	1.1	0.0	0.0
2020*	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* - Preliminary

DF 9/21/2021

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	13,192	0	0	15,372	2,817	2,802	291	21,282
2014*	0	0	0	0	0	0	0	0	0	0	0	1,481	0	0	1,485	3,531	11	186	5,213
2015*	161	0	0	0	0	0	0	0	0	0	0	2,600	0	0	2,762	1,878	0	4,267	8,907
2016*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,745	0	229	9,974
2017*	0	0	0	0	0	0	0	0	0	0	0	6,454	0	0	6,454	537	5,256	357	12,604
2018*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,829	0	551	2,381
2019*	0	67	0	0	0	0	0	0	0	0	0	10,949	0	0	11,016	8,682	0	0	19,698
2020*	0	0	0	0	0	0	0	0	0	0	0	4,399	0	0	4,399	1,545	167	1,010	7,122

* - 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
2016*	70	0	0	0	0	0	0	0	0	0	0	0	0	0
2017*	0	0	0	0	0	0	0	0	0	0	0	1,970	0	0
2018*	1,161	0	0	0	0	6	0	0	0	0	0	0	0	89
2019*	0	33	0	0	0	0	0	0	0	0	0	1,225	0	0
2020*	861	0	0	0	0	0	0	0	0	1,673	0	293	0	1,190

* - Preliminary

Cont inued on next page

Continued from previous page

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	0	0	458	0	0	0	0	0	11,506	0	0	12,073	986	5,414	761	19,235
2016*	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,181	0	127	2,378
2017*	0	0	0	0	0	0	0	0	0	0	0	10,738	0	0	10,738	185	7,884	2,183	20,989
2018*	1,161	0	0	0	0	18	0	0	0	0	0	0	0	2,152	3,331	311	66	1,653	5,362
2019*	0	33	0	0	0	0	0	0	0	0	0	1,225	0	0	1,259	895	0	0	2,153
2020*	1,395	0	0	0	0	0	0	0	102	1,673	0	953	0	3,569	8,232	1,358	238	1,583	11,412

* - 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
2016*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
2018*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019*	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0
2020*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0

* - Preliminary

DF 9/21/2021

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS**

1998-99 ¹

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	NUMBER AND PERCENT OF HUNTERS USING SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	ESTIMATED HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Mar 08 - Mar 31	1,638	6,709	557		0		885			13,417
NORTH DAKOTA	Mar 13 - May 09	6,277	17,576	1,130	8114	3,515	17149	1,758	10777		24,890
OKLAHOMA	Feb 16 - Mar 31	597	2,651	137		263		221			6,650
SOUTH DAKOTA	Mar 11 - Apr 30	8,630	45,165	2,158	19407	4,919	n/a	2,071	9158		95,113
TEXAS	Feb 16 - Apr 25	11,170	No Est.	6,702		4,021		1,787			53,451
CENTRAL FLYWAY		28,312	72,101	10,684	27,521	12,718	17,149	6,721	19,935	0	193,521
ARKANSAS	Mar 04 - Apr 30	514	3,033	221		380		288			17,168
ILLINOIS	Mar 11 - Mar 31	1,227	2,504	515		0		785			2,504
IOWA	Mar 11 - Apr 16	1,414	7,366	619	7303	656	1381	422	1007		12,043
LOUISIANA	Feb 16 - Mar 14	8,700	27,900	3,915		2,523		2,175			155,900
MISSISSIPPI	Feb 19 - Apr 03	0	0	0		0		0			0
MISSOURI	Mar 11 - Apr 30	996	4,889	348		474		321			17,319
MISSISSIPPI FLYWAY		12,851	45,692	5,618	7,303	4,033	1,381	3,991	1,007	0	204,934
TOTAL		41,163	117,793	16,302	34,824	16,751	18,530	10,712	20,942	0	398,455

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
1999-2000 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Mar 07 - Mar 31	3,276	15,316	1,998	17,441		n/a	1,212	3,364	-	31,783
KANSAS	Mar 11 - Apr 30	2,207	9,528	201	-	651	-	402	-	-	11,165
NEBRASKA	Mar 11 - Apr 16	3,952	21,853	2,687	-	2,845	-	2,213	-	-	27,834
NEW MEXICO	Feb 01 - Mar 10	-	-	-	-	-	-	-	-	-	174
NORTH DAKOTA ²	Mar 01 - May 14	5,169	10,338	1,706	17,558	3,101	27,591	1,706	16,698	4,300	35,832
OKLAHOMA	Feb 14 - Mar 31	494	2,223	114	-	267	-	114	-	-	2,668
SOUTH DAKOTA	Feb 01 - May 31	6,067	28,738	1,745	13,030	3,701	n/a	1,759	8,465	-	68,917
TEXAS ²	Jan 24 - Apr 02 ³	27,882	-	16,200	59,178	12,082	65,955	3,427	37,114	-	102,225
CENTRAL FLYWAY		49,047	87,996	24,651	107,207	22,648	93,546	10,833	65,641	4,300	280,598
ARKANSAS	Feb 01 - Apr 30	4,151	29,491	1,751	26,785	2,553	30,013	1,071	15,514	6,950	132,156
ILLINOIS	Dec 25 - Mar 31 ³	865	6,643	277	67	346	10	277	-	-	7,612
INDIANA	Feb 01 - Mar 31	23	91	5	-	16	-	21	18	-	27
IOWA	Mar 11 - Apr 16	2,134	12,298	1,230	9,352	1,230	3,530	713	1,745	2,304	20,681
KENTUCKY	Feb 01 - Mar 31 ³	137	435	91	-	0	n/a	38	-	-	952
LOUISIANA	Jan 24 - Mar 12 ³	10,200	38,900	4,300	44,300	2,700	26,300	1,400	7,600	14,200	110,300
MINNESOTA	Mar 01 - Apr 30	1,461	8,244	218	854	830	1,316	696	1,185	904	6,290
MISSISSIPPI	Feb 14 - Mar 31	22	170	7	-	11	-	7	-	-	333
MISSOURI ²	Feb 01 - Apr 30	7,687	37,946	2,550	22,423	2,819	33,387	1,934	8,207	-	84,521
MISSISSIPPI FLYWAY		26,680	134,218	10,429	103,781	10,505	94,556	6,157	34,269	24,358	362,872
TOTAL		75,727	222,214	35,080	210,988	33,153	188,102	16,990	99,910	28,658	643,470

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2000-2001 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	NUMBER AND PERCENT OF HUNTERS USING SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Mar 01 - Mar 31	2,495	8,836	1,697	16,671		n/a	699	2,060	-	22,457
KANSAS	Feb 05 - Apr 30	1,798	7,354	187	-	819	-	174	-	-	11,937
NEBRASKA	Feb 03 - Apr 15	4,423	12,792	3,185	-	3,096	-	2,079	-	-	16,315
NEW MEXICO	Feb 01 - Mar 10	603	1,378	157	-	163	-	320	-	-	1,925
NORTH DAKOTA ²	Mar 01 - May 13	1,263	3,663	808	2,043	543	2,756	429	1,759	390	3,547
OKLAHOMA	Feb 12 - Apr 01	222	1,199	73	-	149	-	89	-	-	1,603
SOUTH DAKOTA	Feb 01 - May 15	5,383	22,120	1,339	10,653	3,455	-	1,810	4,323	-	54,375
TEXAS ²	Jan 22 - Apr 01 ³	18,441	no est.	11,065	63,527	6,454	30,754	1,304	28,650	-	77,322
WYOMING	Mar 01 - Mar 31	248	993	86	473		n/a	96	657	-	875
CENTRAL FLYWAY		34,876	58,335	18,597	93,367	14,679	33,510	7,000	37,449	390	190,356
ARKANSAS	Feb 01 - Apr 30	2,524	18,726	917	10,369	1,452	13,856	629	10,307	11,979	75,807
ILLINOIS	Jan 18 - Mar 31 ³	4,665	32,634	2,379	612	2,239	204	2,939	568	-	36,830
INDIANA	Feb 01 - Mar 31	25	119	5	-	13	-	10	-	-	45
IOWA	Feb 15 - Apr 15	2,429	14,550	1,589	11,772	1,158	1,524	1,032	1,481	951	13,851
KENTUCKY	Feb 05 - Mar 31 ³	148	710	57	-		n/a	28	-	-	1,170
LOUISIANA	Dec 04 - Mar 11 ³	8,600	53,800	5,600	58,100	4,100	7,600	3,400	9,000	17,100	101,700
MINNESOTA	Mar 01 - Apr 30	393	2,112	56	103	193	68	141	43	19	316
MISSISSIPPI	Feb 05 - Mar 31	144	450	97	-	95	-	16	-	-	379
MISSOURI ²	Feb 01 - Apr 30	7,703	40,635	2,992	34,181	3,150	52,295	1,963	17,959	-	94,354
MISSISSIPPI FLYWAY		26,631	163,736	13,692	115,137	12,400	75,547	10,158	39,358	30,049	324,452
TOTAL		61,507	222,071	32,289	208,504	27,079	109,057	17,158	76,807	30,439	514,808

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2001-2002 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Mar 11 - Mar 31	1,323	5,016	741	3,445	n/a		251	1,153	-	7,594
KANSAS	Feb 04 - Apr 30	1,939	10,704	413	-	980	-	185	-	-	35,138
NEBRASKA	Feb 02 - Apr 14	4,775	22,050	3,343	-	3,390	-	2,435	-	-	54,300
NEW MEXICO	Feb 01 - Mar 10	633	5,634	35	-	246	-	166	-	-	2,253
NORTH DAKOTA ²	Mar 01 - May 12	1,494	4,034	435	3,109	787	4,600	432	2,730	707	6,424
OKLAHOMA	Feb 11 - Mar 31	249	1,245	75	-	164	-	87	-	-	3,548
SOUTH DAKOTA	Feb 01 - May 15	8,316	35,852	1,447	13,020	3,805	-	1,445	8,881	-	91,162
TEXAS ²	Jan 21 - Mar 31 ³	21,735	62,105	11,912	68,485	10,032	53,949	1,266	17,399	-	87,794
WYOMING	Mar 01 - Mar 31	191	781	63	713	n/a		73	818	-	1,216
CENTRAL FLYWAY		40,655	147,421	18,464	88,772	19,404	58,549	6,340	30,981	707	289,429
ARKANSAS	Feb 01 - Apr 30	2,867	24,566	1,156	22,559	1,868	28,174	888	14,226	14,993	135,327
ILLINOIS	Jan 10 - Mar 31 ³	5,107	31,204	3,166	-	3,417	-	2,758	-	-	17,875
INDIANA	Feb 01 - Mar 31	64	153	26	-	36	-	20	-	-	168
IOWA	Feb 02 - Apr 15	3,095	19,606	1,793	14,959	1,627	3,442	1,155	4,202	3,187	29,249
KENTUCKY	Feb 04 - Mar 31 ³	148	532	130	-	n/a		30	-	-	1,235
LOUISIANA	Dec 03 - Dec 14 & Jan 26 - Mar 10 ³	7,500	65,200	3,300	56,100	1,600	4,500	2,000	7,600	-	102,800
MINNESOTA	Mar 01 - Apr 30	1,209	5,517	142	512	560	615	550	841	637	3,516
MISSISSIPPI	Feb 01 - Mar 31	183	653	111	-	78	-	33	-	-	1,554
MISSOURI ²	Jan 31 - Apr 30	8,715	48,831	3,606	62,600	3,502	91,521	2,349	24,693	-	168,196
MISSISSIPPI FLYWAY		28,888	196,262	13,430	156,730	12,688	128,252	9,783	51,562	18,817	459,920
		69,543	343,683	31,894	245,502	32,092	186,801	16,123	82,543	19,524	749,349

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2002-2003 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 22 - Mar 31	2,162	10,193	670	19,828		n/a	1,081	3,658	-	27,395
KANSAS	Feb 03 - Apr 30	1,579	8,100	473	-	717	-	183	-	-	17,087
NEBRASKA	Feb 01 - Apr 13	7,741	26,780	6,425	-	5,961	-	4,799	-	-	87,585
NEW MEXICO	Feb 01 - Mar 10	383	1,945	40	-	141	-	121	-	-	1,268
NORTH DAKOTA ²	Feb 22 - May 11	2,327	6,748	652	5,356	1,187	8,009	652	4,109	864	12,340
OKLAHOMA	Feb 17 - Mar 30	269	1,130	78	-	191	-	91	-	-	1,991
SOUTH DAKOTA	Feb 01 - May 15	8,982	31,036	1,353	15,610	3,149	-	1,437	9,150	-	70,072
TEXAS ²	Jan 20 - Mar 30 ³	10,594	22,640	5,662	21,727	3,961	21,181	645	2,215	-	35,625
WYOMING	Mar 01 - Mar 31	204	794	102	966		n/a	77	1,252	-	1,772
CENTRAL FLYWAY		34,241	109,366	15,455	63,487	15,307	29,190	9,086	20,384	864	255,135
ARKANSAS	Feb 03 - Apr 30	2,779	20,144	1,232	37,612	1,741	16,291	741	5,881	9,780	91,505
ILLINOIS	Dec 16 - Mar 31 ³	3,111	27,177	1,788	17,211	2,038	19,009	1,824	8,964	-	30,564
INDIANA	Feb 01 - Mar 31	56	146	3	-	30	-	18	-	-	17
IOWA	Feb 01 - Apr 15	2,125	12,508	1,197	9,528	1,305	7,060	868	2,040	1,963	17,006
KENTUCKY	Feb 03 - Mar 31 ³	159	439	124	-		n/a	35	-	-	1,288
LOUISIANA	Dec 09 - Dec 13 & Feb 01 - Mar 09	6,000	62,500	3,200	53,900	1,400	4,300	1,400	7,300	8,400	98,600
MINNESOTA	Mar 01 - Apr 30	553	2,600	87	474	280	401	228	267	253	2,005
MISSISSIPPI	Oct 01 - Nov 22 & Jan 27 - Mar 31	236	1,248	112	-	99	-	50	-	-	3,600
MISSOURI ²	Jan 19 - Apr 30 ³	8,382	42,994	4,089	58,371	3,897	83,109	2,963	16,363	-	140,806
MISSISSIPPI FLYWAY		23,401	169,756	11,832	177,096	10,790	130,170	8,127	40,815	20,396	385,391
TOTAL		57,642	279,122	27,287	240,583	26,097	159,360	17,213	61,199	21,260	640,526

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2003-2004 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER- DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Mar 01 - Mar 31	1,877	8,547	413	13,467		n/a	920	3,051	-	24,497
KANSAS	Feb 02 - Apr 30	3,270	15,548	969	-	1,582	-	361	-	-	65,608
NEBRASKA	Feb 04 - Apr 18	12,886	50,574	9,793	-	8,969	-	4,227	-	-	138,012
NEW MEXICO	Feb 01 - Mar 10	1,326		186	-	385	-	411	-	-	7,372
NORTH DAKOTA ²	Feb 21 - May 09	2,380	6,664	738	6,720	783	8,672	609	6,113	129	12,924
OKLAHOMA	Feb 16 - Mar 31	150	765	56	-	87	-	48	-	-	1,575
SOUTH DAKOTA	Feb 01 - May 15	6,466	30,826	1,853	23,751	3,706	-	1,511	11,465	-	96,767
TEXAS ²	Jan 19 - Mar 28 ³	7,215	19,550	3,806	27,835	2,670	26,093	852	20,545	-	34,827
WYOMING	Feb 23 - Apr 04	221	676	108	1,028		n/a	73	924	-	1,364
CENTRAL FLYWAY		35,791	133,150	17,922	72,801	18,182	34,765	9,012	42,098	129	382,946
ARKANSAS	Feb 02 - Apr 30	3,114	17,889	1,119	17,889	1,382	19,251	603	6,063	11,056	88,606
ILLINOIS	Jan 14 - Mar 31 ³	5,976	44,306	3,333	17,441	3,850	6,811	2,988	7,114	-	37,189
INDIANA	Feb 01 - Mar 31	47	79	4	-	4	-	16	-	-	41
IOWA	Jan 12 - Apr 15	2,584	15,590	1,629	20,815	1,359	5,050	805	2,063	1,963	32,181
KENTUCKY	Feb 02 - Mar 31 ³	144	583	102	-	n/a	-	42	-	-	1,168
LOUISIANA	Dec 01 - Dec 12	5,900	37,400	2,700	53,900	1,900	3,800	1,900	20,100	30,900	105,500
MINNESOTA	Feb 07 - Mar 07										
	Mar 01 - Apr 30	690	3,372	133	326	333	491	265	311	315	2,735
MISSISSIPPI	Oct 01 - Nov 20 & Jan 26 - Jan 30 & Feb 02 - Mar 10	390	2,054	177	-	134	-	63	-	-	7,955
MISSOURI ²	Jan 19 - Apr 30 ³	8,316	40,232	3,990	55,453	4,463	94,786	2,196	21,506	-	147,262
MISSISSIPPI FLYWAY		27,161	161,505	13,187	165,824	13,425	130,189	8,878	57,157	44,234	422,637
TOTAL		62,952	294,655	31,109	238,625	31,607	164,954	17,890	99,255	44,363	805,583

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2004-2005 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Mar 01 - Mar 31	1,281	6,593	179	12,417	n/a		218	1,886	-	16,135
KANSAS	Feb 07 - Apr 30	1,400	8,679	450	-	876	-	53	-	-	25,272
NEBRASKA	Feb 02 - Apr 17	8,104	44,057	5,754	-	5,559	-	2,990	-	-	111,172
NEW MEXICO	Feb 01 - Mar 10	426	2,932	28	-	104	-	171	-	-	736
NORTH DAKOTA ²	Feb 19 - May 08	2,519	7,431	705	5,875	1,360	6,724	680	4,703	1,117	11,170
OKLAHOMA	Feb 14 - Mar 31	89	356	28	-	55	-	22	-	-	490
SOUTH DAKOTA	Feb 01 - May 08	6,753	37,588	2,112	29,066	4,043	-	1,613	16,776	-	116,397
TEXAS ²	Jan 31 - Mar 27 ³	8,531	21,263	3,431	23,982	2,504	13,227	93	0	-	37,354
WYOMING	Feb 21 - Apr 03	228	787	155	808	n/a		82	595	-	1,070
CENTRAL FLYWAY		29,331	129,686	12,842	72,148	14,501	19,951	5,922	23,960	1,117	319,796
ARKANSAS	Feb 07 - Apr 30	2,171	11,983	990	15,991	1,277	13,055	574	8,958	5,640	77,228
ILLINOIS	Jan 10 - Mar 31 ³	5,689	42,349	4,511	33,374	4,363	16,705	3,357	24,611	4,862	43,839
INDIANA	Feb 01 - Mar 31	23	111	0	-	4	-	7	-	-	42
IOWA	Jan 10 - Apr 15	1,886	12,402	1,191	6,758	924	2,205	640	1,122	1,073	12,771
KENTUCKY	Feb 01 - Mar 31 ³	98	371	82	-	n/a		45	-	-	450
LOUISIANA	Dec 06 - Dec 17 & Feb 12 - Mar 13	5,000	37,500	2,400	17,100	1,200	5,100	400	1,200	14,400	66,800
MINNESOTA	Mar 01 - Apr 30	618	2,643	110	268	272	269	264	242	150	1,395
MISSISSIPPI	Oct 01 - Nov 05 & Nov 29 - Dec 03 & Jan 31 - Feb 04 & Feb 07 - Mar 10	155	855	80	-	56	-	21	-	-	3,223
MISSOURI ²	Jan 25 - Apr 30 ³	8,334	43,480	4,839	74,515	5,145	92,660	2,849	35,518	-	134,814
MISSISSIPPI FLYWAY		23,974	151,694	14,203	148,006	13,241	129,994	8,157	71,651	26,125	340,562
TOTAL		53,305	281,380	27,045	220,154	27,742	149,945	14,079	95,611	27,242	660,358

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2005-2006 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 18 - Apr 30	2,704	12,568	595	8,357	n/a		514	2,338	-	18,535
KANSAS	Feb 13 - Apr 30	1,575	7,136	282	-	845	-	253	-	-	18,802
NEBRASKA	Feb 01 - Apr 16	8,052	44,681	6,033	-	5,456	-	2,884	-	-	129,631
NEW MEXICO	Feb 01 - Mar 10	913	8,851	169	-	228	-	218	-	-	2,529
NORTH DAKOTA ²	Feb 19 - May 08	1,809	6,187	742	7,304	1,049	7,800	470	4,049	993	11,033
OKLAHOMA	Feb 13 - Mar 31	106	530	48	-	70	-	38	-	-	615
SOUTH DAKOTA	Feb 01 - May 08	6,914	35,029	2,301	32,468	4,457	-	1,642	14,776	-	99,547
TEXAS ²	Jan 30 - Mar 26 ³	6,665	17,865	3,384	22,328	615	15,752	2,504	3,176	-	28,905
WYOMING	Feb 20 - Apr 02	254	966	154	1,895	n/a		96	1,736	-	2,622
CENTRAL FLYWAY		28,992	133,813	13,708	72,352	12,720	23,552	8,619	26,075	993	312,219
ARKANSAS	Feb 06 - Apr 30	2,616	17,473	1,112	30,383	1,504	30,399	801	12,215	22,551	137,908
ILLINOIS	Dec 30 - Mar 31 ³	5,543	53,154	3,929	30,787	3,874	11,882	3,044	17,294	8,892	74,268
INDIANA	Feb 01 - Mar 31	45	251	6	-	23	-	23	-	-	277
IOWA	Jan 16 - Apr 15	2,457	15,580	1,291	11,988	1,260	4,209	796	2,561	2,352	21,263
KENTUCKY	Feb 01 - Mar 31 ³	94	408	60	-	n/a		21	-	-	731
LOUISIANA	Dec 05 - Dec 16 & Feb 04 - Mar 12	5,900	36,800	3,000	35,000	1,700	27,400	700	6,500	14,200	96,300
MINNESOTA	Mar 01 - Apr 30	516	2,665	73	280	215	287	223	246	163	1,360
MISSISSIPPI	Oct 01 - Nov 13 & Nov 28 - Dec 02 & Jan 30 - Feb 03 & Feb 06 - Mar 10	233	1,279	206	-	109	-	70	-	-	6,108
MISSOURI ²	Jan 30 - Apr 30 ³	7,735	35,843	4,695	73,907	4,670	98,424	2,871	22,667	-	142,639
MISSISSIPPI FLYWAY		25,139	163,453	14,372	182,345	13,355	172,601	8,549	61,483	48,158	480,854
TOTAL		54,131	297,266	28,080	254,697	26,075	196,153	17,168	87,558	49,151	793,073

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2006-2007 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 24 - Apr 30	2,367	10,847	568	16,041		n/a	544	3,509	-	23,375
KANSAS	Feb 13 - Apr 30	863	2,509	261	-	393	-	131	-	-	12,711
NEBRASKA	Feb 08 - Apr 15	5,604	32,637	3,620	-	3,597	-	2,007	-	-	96,724
NEW MEXICO	Feb 01 - Mar 10	615	4,646	69	-	212	-	137	-	-	2,765
NORTH DAKOTA ²	Feb 17 - May 06	1,749	5,964	770	9,840	1,067	10,868	525	6,393	752	12,535
OKLAHOMA	Feb 19 - Mar 31	112	493	49	-	68	-	34	-	-	1,198
SOUTH DAKOTA	Feb 01 - May 08	5,288	23,293	2,447	53,082	3,364	-	1,209	21,567	-	96,555
TEXAS ²	Jan 30 - Mar 26 ³	2,585	8,201	1,317	12,118	969	10,087	298	3,738	-	17,817
WYOMING	Feb 18 - Apr 8	165	572	113	884		n/a	65	611	-	928
CENTRAL FLYWAY		19,348	89,162	9,214	91,965	9,670	20,955	4,949	35,818	752	264,608
ARKANSAS	Feb 05 - Apr 29	2,541	16,471	956	25,615	1,569	20,651	637	11,211	8,406	116,818
ILLINOIS ²	Jan 15 - Mar 31 ³	5,962	39,170	2,802	25,880	2,862	26,229	1,669	15,499	11,078	44,514
INDIANA	Feb 01 - Mar 31	106	352	34	-	46	-	28	-	-	1,216
IOWA	Jan 15 - Apr 15	2,229	12,230	1,307	12,948	1,214	3,541	916	1,437	1,966	17,525
KENTUCKY	Feb 01 - Mar 31 ³	217	1,017	104	-		n/a	27	-	-	3,657
LOUISIANA	Dec 04 - Dec 15 & Jan 29 - Mar 11 ³	4,400	29,300	1,900	22,800	1,400	2,300	1,200	4,600	8,200	80,500
MINNESOTA	Mar 01 - Apr 30	514	2,302	88	329	224	277	197	209	172	1,786
MISSISSIPPI ²	Oct 01 - Nov 12 & Nov 27 - Dec 01 & Jan 29 - Feb 02 & Feb 05 - Mar 10	320	1,630	136	2,638	150	7,605	75	1,155	-	11,776
MISSOURI ²	Feb 01 - Apr 30	7,224	35,175	4,738	93,783	4,577	105,372	2,899	34,552	-	159,020
MISSISSIPPI FLYWAY		23,513	137,647	12,065	183,993	12,042	165,975	7,648	68,663	29,822	436,812
TOTAL		42,861	226,809	21,279	275,958	21,712	186,930	12,597	104,481	30,574	701,420

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2007-2008 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 23 - Apr 30	2,555	11,886	511	7,212	n/a		256	1,381	-	13,745
KANSAS	Feb 18 - Apr 30	354	1,193	167	-	40	-	11	-	-	4,260
NEBRASKA	Feb 07 - Apr 13	5,270	28,266	3,834	-	3,216	-	1,805	-	-	65,947
NEW MEXICO	Feb 01 - Mar 10	498	3,729	35	-	820	-	55	-	-	2,145
NORTH DAKOTA ²	Feb 16 - May 11	1,785	6,390	785	7,379	3,834	8,870	500	4,999	1,025	11,387
OKLAHOMA	Feb 18 - Mar 30	122	451	55	-	311	-	35	-	-	842
SOUTH DAKOTA	Feb 10 - May 08	6,601	31,331	3,024	47,775	4,017	-	1,285	6,917	-	107,137
TEXAS ²	Jan 28 - Mar 30 ³	2,473	8,032	1,331	18,625	1,048	13,337	336	3,303	-	22,831
WYOMING	Feb 25 - Apr 13	186	675	107	789	n/a		57	498	-	1,019
CENTRAL FLYWAY		19,844	91,953	9,849	81,780	13,287	22,207	4,339	17,098	1,025	229,313
ARKANSAS	Feb 4 - Apr 27	2,636	21,263	1,226	34,762	1,634	29,290	833	12,618	11,913	122,881
ILLINOIS ²	Jan 13 - Mar 31 ³	6,409	50,471	4,127	47,055	4,749	60,749	3,326	37,314	11,050	97,021
INDIANA	Feb 01 - Mar 31	160	333	11	-	6	-	19	-	-	155
IOWA	Jan 14 - Apr 15	2,116	10,706	1,261	11,614	1,224	5,930	793	2,192	867	15,198
KENTUCKY	Feb 01 - Mar 31 ³	210	849	165	-	n/a		14	-	-	2,547
LOUISIANA	Dec 03 - Dec 14 & Jan 28 - Mar 09 ³	4,500	22,700	2,000	14,200	1,400	2,200	1,000	14,000	9,900	58,900
MINNESOTA	Mar 01 - Apr 30	775	3,415	147	567	361	339	326	512	288	2,412
MISSISSIPPI ²	Oct 01 - Nov 11 & Nov 26 - Nov 30 & Jan 28 - Feb 01 & Feb 04 - Mar 31	343	1,543	146	2,452	144	4,939	88	979	-	8,965
MISSOURI ²	Jan 31 - Apr 30	7,525	34,829	5,104	91,891	5,104	101,420	2,640	21,797	-	141,779
MISSISSIPPI FLYWAY		24,674	146,109	14,187	202,541	14,622	204,867	9,039	89,412	34,018	449,858
TOTAL		44,518	238,062	24,036	284,321	27,909	227,074	13,378	106,510	35,043	679,171

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2008-2009 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 16 - Apr 30	1,951	8,744	390	15,190	n/a		429	6,485	-	23,072
KANSAS ⁴	Feb 16 - Apr 30	931	3,613	237	-	426	-	132	-	-	11,924
NEBRASKA	Feb 07 - Apr 12	5,609	33,566	3,943	-	3,644	-	2,139	-	-	135,247
NEW MEXICO ⁴	Feb 01 - Mar 10	675	5,742	91	-	420	-	136	-	-	2,480
NORTH DAKOTA ²	Feb 21 - May 10	1,319	4,128	580	5,410	2,353	5,130	330	2,902	1,022	6,813
OKLAHOMA	Feb 16 - Mar 31	92	331	49	-	242	-	28	-	-	561
SOUTH DAKOTA	Feb 14 - May 03	6,516	30,236	3,361	64,377	4,167	-	1,496	9,482	-	116,949
TEXAS ²	Jan 26 - Mar 29 ³	2,281	6,333	1,122	8,952	797	5,008	211	1,052	-	14,217
WYOMING	Feb 23 - Apr 12	177	609	107	682	n/a		50	437	-	845
CENTRAL FLYWAY		19,551	93,302	9,880	94,611	12,049	10,138	4,951	20,358	1,022	312,108
ARKANSAS	Feb 2 - Apr 25	2,850	17,183	1,316	39,705	1,810	28,347	821	10,603	14,140	137,127
ILLINOIS ²	Jan 11 - Mar 31 ³	4,663	33,947	3,287	71,927	3,180	70,612	2,756	51,309	5,547	85,635
INDIANA	Feb 16 - Mar 31	134	564	8	-	28	-	31	-	-	78
IOWA	Jan 12 - Apr 15	1,975	14,348	1,213	16,810	1,306	5,969	964	4,178	2,269	23,652
KENTUCKY	Feb 01 - Mar 31 ³	82	121	33	-	n/a		11	-	-	652
LOUISIANA	Dec 01 - Dec 12 & Jan 26 - Mar 08 ³	3,450	27,300	2,000	23,300	1,100	4,600	500	1,700	5,900	49,600
MINNESOTA	Mar 01 - Apr 30	1,103	4,647	260	1,171	516	822	475	713	640	4,366
MISSISSIPPI ²	Oct 01 - Nov 14 & Jan 26 - Jan 30 & Feb 02 - Mar 31	363	1,444	168	5,332	190	5,685	100	783	-	10,924
MISSOURI ²	Jan 30 - Apr 30	8,398	42,694	5,978	134,641	5,352	159,251	2,937	56,281	-	224,313
MISSISSIPPI FLYWAY		23,018	142,248	14,263	292,886	13,482	275,286	8,595	125,567	28,496	536,347
TOTAL		42,569	235,550	24,143	387,497	25,531	285,424	13,546	145,925	29,518	848,455

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

⁴ New Mexico and Kansas were unable to conduct a Light Conservation Order survey for 2008-09 season. Numbers were calculated based on the average over the last 3 years.

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2009-2010 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 15 - Apr 30	1,899	8,829	589	6,149	393	2,433	522	2,058	822	11,473
KANSAS	Feb 15 - Apr 30	1,024	6,367	325	5,424	536	3,734	228	1,692	853	15,244
NEBRASKA	Feb 06 - Apr 18 ³	4,119	17,302	3,016	25,412	2,711	5,779	1,220	830	1,723	58,592
NEW MEXICO ⁴	Feb 01 - Mar 10	97	-	0	0	28	21	7	0	-	198
NORTH DAKOTA	Feb 20 - May 09	1,172	4,008	1,150	5,561	1,145	1,094	1,136	1,794	1,716	7,149
OKLAHOMA	Feb 15 - Mar 30	143	744	60	314	76	118	41	64	50	930
SOUTH DAKOTA	Feb 13 - May 02	4,646	18,369	2,649	36,865	2,913	9,383	1,064	4,734	4,401	52,548
TEXAS ²	Jan 25 - Mar 28 ³	1,817	5,660	863	6,461	618	5,657	227	1,470	-	9,409
WYOMING	Feb 22 - Apr 11	86	285	59	200	n/a		35	15	9	230
CENTRAL FLYWAY		15,003	61,564	8,711	86,386	8,419	28,219	4,480	12,657	9,574	155,773
ARKANSAS	Feb 1 - Apr 25	2,689	15,691	1,408	33,440	1,179	33,867	768	11,838	11,711	115,401
ILLINOIS	Jan 10 - Mar 31 ³	3,702	25,581	2,325	53,405	1,992	10,918	1,140	6,353	3,561	65,987
INDIANA	Feb 01 - Mar 31	121	217	30	-	27	-	18	-	-	45
IOWA	Jan 11 - Apr 15	1,360	7,877	905	6,144	157	1,723	133	1,066	1,245	8,153
KENTUCKY	Feb 01 - Mar 31 ³	106	301	78	-	n/a		18	-	-	2,378
LOUISIANA	Dec 07 - Dec 18 & Feb 01 - Mar 14 ³	2,600	13,800	900	6,100	500	700	100	100	3,000	29,000
MINNESOTA	Mar 01 - Apr 30	389	1,475	101	192	175	131	154	87	70	559
MISSISSIPPI ²	Oct 01 - Nov 20 & Feb 01 - Feb 05 & Feb 08 - Mar 31	395	1,206	95	6,175	113	7,063	49	316	-	8,959
MISSOURI ²	Feb 1 - Apr 30	5,202	20,937	4,376	64,791	3,510	56,446	1,662	18,552	-	86,462
MISSISSIPPI FLYWAY		16,564	87,085	10,218	170,247	7,653	110,848	4,042	38,312	19,587	316,944
TOTAL		31,567	148,649	18,929	256,633	16,072	139,067	8,522	50,969	29,161	472,717

¹ State harvest-survey estimates

S:\nmo\CF_D\Projects\Regulations\NEPAL\Light Goose EIS\Report\ConsOrder Activity - All New Requirements.xls

KLK

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

⁴ In 2009 NM changed their survey methods from previous years

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2010-2011 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 14 - Apr 30	1,385	10,905	521	14,438	453	3,246	549	3,066	1,248	28,193
KANSAS	Feb 14 - Apr 30	1,753	9,098	673	23,259	754	11,660	347	2,202	5,320	53,863
NEBRASKA	Feb 10 - Apr 17	5,191	26,303	3,933	53,502	3,241	11,302	1,832	3,305	3,829	156,891
NEW MEXICO ⁴	Feb 01 - Mar 10	97	349	16	12	43	8	12	0	19	93
NORTH DAKOTA	Feb 19 - May 08	1,496	4,608	1,482	7,663	1,486	1,489	1,477	697	660	9,425
OKLAHOMA	Feb 14 - Mar 30	149	581	55	666	79	114	40	115	100	1,639
SOUTH DAKOTA	Feb 12 - May 01	6,120	42,366	3,808	85,798	4,034	19,844	1,163	6,497	7,753	111,355
TEXAS ²	Jan 24 - Mar 27 ³	1,676	5,645	992	11,358	664	9,506	247	2,065	-	13,859
WYOMING	Feb 21 - Apr 10	159	520	109	755	n/a		55	89	92	873
CENTRAL FLYWAY		18,026	100,375	11,589	197,451	10,754	57,169	5,722	18,036	19,021	376,191
ARKANSAS	Jan 31 - Feb 4 Feb 7 - Apr 25	3,092	18,790	1,615	66,430	1,992	26,917	842	13,875	14,558	149,578
ILLINOIS	Jan 09 - Mar 31 ³	3,825	30,753	2,410	47,702	1,454	10,495	842	10,586	7,810	66,406
INDIANA	Feb 01 - Mar 31	213	572	28	-	75	-	31	4	-	264
IOWA	Jan 15 - Apr 15	1,582	9,013	952	12,021	363	3,492	456	2,174	-	15,139
KENTUCKY	Feb 01 - Mar 31 ³	104	385	75	-	n/a		20	-	-	2,571
LOUISIANA	Dec 06 - Dec 17 & Jan 31 - Mar 14 ³	2,475	21,720	1,237	26,489	577	3,462	412	10,207	5,832	41,686
MINNESOTA	Mar 01 - Apr 30	455	1,830	97	531	201	311	180	238	145	1,554
MISSISSIPPI ²	Oct 01 - Nov 19 & Dec 31 - Feb 04 & Feb 07 - Mar 31	331	1,525	99	3,891	169	7,656	81	1,221	-	12,618
MISSOURI ²	Feb 1 - Apr 30	6,309	26,518	5,167	129,810	4,550	129,656	2,027	32,006	-	193,461
MISSISSIPPI FLYWAY		18,386	111,106	11,680	286,874	9,381	181,989	4,891	70,311	28,345	483,277
TOTAL		36,412	211,481	23,269	484,325	20,135	239,158	10,613	88,347	47,366	859,468

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

⁴ In 2009 NM changed their survey methods from previous years

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2011-2012 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER- DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 13 - Apr 30	1,847	8,659	510	13,128	536	2,785	532	1,916	993	18,971
KANSAS	Feb 13 - Apr 30	1,944	11,273	666	33,534	871	22,572	237	6,142	2,436	62,092
NEBRASKA	Feb 06 - Apr 15	5,629	32,590	4,371	55,620	3,857	14,626	2,491	8,222	3,691	121,784
NEW MEXICO ⁴	Feb 01 - Mar 10	165	302	51	302	75	53	12	20	87	477
NORTH DAKOTA	Feb 18 - May 06	1,965	6,819	1,933	11,549	1,944	4,031	1,928	2,469	753	13,948
OKLAHOMA	Feb 13 - Mar 30	104	416	162	154	225	55	137	40	48	520
SOUTH DAKOTA	Feb 11 - Apr 29	4,818	30,423	3,045	91,003	3,065	21,367	1,099	7,302	7,957	108,358
TEXAS ²	Jan 30 - Mar 25 ³	1,389	4,162	775	6,550	533	5,297	129	854	-	9,924
WYOMING	Feb 20 - Apr 08	163	575	118	427	n/a		68	73	49	660
CENTRAL FLYWAY		18,024	95,219	11,631	212,267	11,105	70,786	6,633	27,038	16,014	336,734
ARKANSAS	Jan 30 - Feb 3 Feb 6 - Apr 25	3,047	15,143	1,899	43,681	2,041	40,400	1,016	6,703	8,044	123,161
ILLINOIS	Jan 08 - Mar 31 ³	5,726	51,763	3,894	75,980	2,004	19,679	2,640	30,234	4,157	87,558
INDIANA	Feb 01 - Mar 31	210	837	8	-	49	-	45	79	-	308
IOWA	Jan 14 - Apr 15	1,769	10,050	1,175	11,614	1,135	3,077	678	1,313	1289	14,946
KENTUCKY	Feb 01 - Mar 31 ³	114	316	43	763	n/a		20	600	227	1,267
LOUISIANA	Nov 28 - Dec 16 & Jan 30 - Mar 11 ³	3,095	44,916	1,326	123,378	796	60,533	619	18,421	17,772	135,219
MINNESOTA	Mar 01 - Apr 30	600	2,270	130	460	260	460	250	240	210	2,620
MISSISSIPPI ²	Oct 01 - Nov 16 & Jan 30 - Feb 03 & Feb 06 - Mar 31	230	1,421	44	2,400	83	3,398	48	979	-	6,208
MISSOURI ²	Feb 1 - Apr 30	6,207	29,007	5,348	132,412	4,598	136,732	2,146	37,836	-	186,982
MISSISSIPPI FLYWAY		20,998	155,723	13,867	390,688	10,966	264,279	7,462	96,405	31,699	558,269
TOTAL		39,022	250,942	25,498	602,955	22,071	335,065	14,095	123,443	47,713	895,003

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

⁴ In 2009 NM changed their survey methods from previous years

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2012-2013 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER- DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 11 - Apr 30	2,461	7,533	575	8,821	547	2,766	670	2,049	1,720	13,417
KANSAS	Feb 11 - Apr 30	3,015	15,160	866	36,592	1,143	12,128	347	8,698	3,856	80,436
NEBRASKA ³	Feb 09 - Apr 14	4,022	18,620	3,277	72,796	2,671	21,540	1,479	8,740	2,684	107,283
NEW MEXICO ^{4,5}	Feb 01 - Mar 10	120	326	22	105	49	27	10	7	53	256
NORTH DAKOTA	Feb 16 - May 05	2,874	8,909	2,854	14,120	2,854	6,189	2,845	2,287	1,704	20,981
OKLAHOMA	Feb 11 - Mar 30	128	563	60	219	55	96	16	58	46	832
SOUTH DAKOTA	Feb 16 - May 05	7,307	31,358	5,652	86,116	2,604	40,034	671	17,265	12,785	168,496
TEXAS ²	Jan 28 - Mar 24 ³	1,497	5,533	841	9,905	555	10,072	118	698	1,596	12,900
WYOMING	Feb 25 - Apr 07	103	346	68	318	n/a		37	68	20	436
CENTRAL FLYWAY		21,527	88,348	14,215	228,992	10,478	92,852	6,193	39,870	24,464	405,037
ARKANSAS	Jan 28 - Feb 1 Feb 4 - Apr 25	3,913	17,172	2,438	70,191	2,643	47,767	1,158	11,668	20,239	158,174
ILLINOIS	Jan 18 - Mar 31 ³	4,477	45,724	2,570	18,250	1,824	8,124	2,529	9,214	3,686	73,495
INDIANA	Feb 01 - Mar 31 ³	139	477	71	-	65	-	52	46	-	974
IOWA	Jan 19 - Apr 15	1,760	10,382	1,057	19,557	1,075	5,727	668	3,020		22,938
KENTUCKY	Feb 01 - Mar 31 ³	198	611	52	1,126	n/a		22	98	286	1,586
LOUISIANA	Dec 03 - Dec 21 & Jan 28 - Mar 09 ³	1,850	23,721	308	10,577	462	5,125	154	8,017	4,043	43,637
MINNESOTA	Mar 01 - Apr 30	770	3,070	190	620	1,670	620	260	260	370	2,430
MISSISSIPPI ²	Oct 01 - Nov 14 & Jan 28 - Feb 01 & Feb 04 - Mar 31	175	795	74	3,005	111	4,827	46	1,133	-	5,632
MISSOURI ²	Feb 1 - Apr 30	8,005	38,179	6,442	163,194	6,152	167,453	2,633	48,021	-	223,267
MISSISSIPPI FLYWAY		21,287	140,131	13,202	286,520	14,002	239,643	7,522	81,477	28,624	532,133
TOTAL		42,814	228,479	27,417	515,512	24,480	332,495	13,715	121,347	53,088	937,170

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

⁴ In 2009 NM changed their survey methods from previous years

⁵ 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.

**LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S)
CONSERVATION-ORDER ESTIMATES FOR THE
CENTRAL AND MISSISSIPPI FLYWAYS
2013-2014 ¹**

STATE	DATES	NO. OF HUNTERS	HUNTER-DAYS	SPECIAL HARVEST TOOLS						UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST
				ELECTRONIC CALLS		UNPLUGGED GUNS		AFTER SUNSET			
				NO. OF HUNTERS	EST. HARVESTED	NO. OF HUNTERS	EST. HARVESTED (4th, 5th or 6th shell)	NO. OF HUNTERS	EST. HARVESTED		
COLORADO	Feb 17 - Apr 30	3555	25311	747	14,774	889	7,956	782	3,878	2,673	34,216
KANSAS	Feb 10 - Apr 30	3,697	16,748	1,916	52,866	1,462	19,811	469	5,739	4,773	90,990
NEBRASKA	Feb 10 - Apr 1	3,804	21,913	3,028	64,373	2,678	22,209	1,443	13,377	1,207	86,175
NEW MEXICO ⁴	Feb 01 - Mar 10	205	581	131	115	131	4	90	655	57	803
NORTH DAKOTA ⁵	Feb 15 - May 18	2,937	9,986	2,897	39,089	2,915	16,185	2,897	3,973	3,025	49,045
OKLAHOMA	Feb 17 - Mar 30	93	512	35	429	35	214	19	30	112	1,581
SOUTH DAKOTA	Feb 15 - May 04	6,673	29,781	3,893	92,326	4,638	27,524	1,513	8,379	7,840	149,115
TEXAS ²	Jan 27 - Mar 23 ³	1,600	4,520	814	8,771	702	9,699	168	2,300	1,173	13,436
WYOMING	Feb 23 - Apr 12	112	339	56	164	n/a		43	77	43	449
CENTRAL FLYWAY		19,121	84,380	13,517	272,907	13,450	103,602	7,424	38,408	20,903	425,810
ARKANSAS	Oct 12-Nov 13 Jan 27 - Feb 1 Feb 3 - Apr 25	6,001	40,819	3,199	118,522	3,170	176,523	1,189	19,419	24,486	264,233
ILLINOIS	Jan 17 - Mar 31 ³	1,962	21,170	1,637	49,866	1,540	47,676	1,222	39,111	6,108	82,161
INDIANA	Feb 01 - Mar 31 ³	155	347	34	-	34	-	23	59	-	423
IOWA	Jan 18 - Apr 15	2,096	12,365	1,389	26,563	1,339	23,112	661	5,133	1,926	27,420
KENTUCKY	Feb 01 - Mar 31 ³	256	639	76	1,636	NA		31	199	360	2,293
LOUISIANA	Dec 02 - Dec 13 & Dec 16 - Dec 20 & Jan 27 - Mar 02 ³	580	10,450	249	-	83	-	166	853	608	26,570
MINNESOTA	Mar 01 - Apr 30	560	2,580	160	1,710	270	2,060	200	550	210	2,880
MISSISSIPPI ²	Oct 01 - Nov 13 & Jan 27 - Jan 31 & Feb 02 - Mar 31	445	1,021	86	3,668	98	5,032	59	1,197	-	6,028
MISSOURI ^{2,6}	Feb 1 - Apr 30	8,399	36,820	7,265	185,739	6,160	188,687	2,625	32,550	-	248,896
MISSISSIPPI FLYWAY		20,454	126,211	14,095	387,704	12,694	443,090	6,176	99,071	33,698	660,904
TOTAL		39,575	210,591	27,612	660,611	26,144	546,692	13,600	137,479	54,601	1,086,714

¹ State harvest-survey estimates

² Estimated harvest is for unplugged gun overall.

³ Dates vary by zone - dates shown are inclusive for all zones

⁴ In 2009 NM changed their survey methods from previous years

⁵ 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.

⁶ Estimated harvest for special harvest tools are not mutually exclusive from each other.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2014-2015¹**

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 ²	Feb 09 - Apr 15	5,597	25,495	1,987	106,226	700	106,926
NEW MEXICO ³	Feb 01 - Mar 10	256	529	51	205	5,386	5,591
NORTH DAKOTA ⁴	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 ²	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
CENTRAL FLYWAY		21,913	87,958	20,980	439,346	264,491	703,835
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 ²	Jan 17 - Mar 31	2,599	30,360	5,491	123,944	6,709	130,653
INDIANA ²	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 ²	Feb 01 - Mar 31	133	1,155	688	3,743	1,286	5,029
LOUISIANA ^{2,5}	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
MISSISSIPPI FLYWAY		21,367	143,588	38,133	814,506	103,296	916,614
CENTRAL + MISSISSIPPI FLYWAYS		43,280	231,546	59,113	1,253,852	367,787	1,620,449
CANADA (QC, ON, MB, SK, AB)		5,747	18,709	-	65,302	314,478	379,780
TOTAL		49,027	250,255	59,113	1,319,154	682,265	2,000,229

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

3-Apr-18

² Dates vary by zone - dates shown are inclusive for all zones

³ In 2009 NM changed their survey methods from previous years

⁴ 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.

⁵ In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2015-2016¹**

STATE	DATES	CONSERVATION ORDER HARVEST				REGULAR SEASON HARVEST	TOTAL HARVEST
		NO. OF HUNTERS	HUNTER-DAYS	UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST		
COLORADO	Feb 15 - Apr 30	2,933	16,903	1,290	23,499	1,188	24,687
KANSAS	Feb 15 - Apr 30	2,475	7,777	1,072	41,416	21,928	63,344
NEBRASKA ²	Feb 10 - Apr 15	4,312	24,064	4,126	96,450	1,290	97,740
NEW MEXICO ³	Feb 01 - Mar 10	59	80	0	16	888	904
NORTH DAKOTA ⁴	Feb 20 - May 15	3,913	14,869	5,478	77,863	31,432	109,295
OKLAHOMA	Feb 15 - Mar 30	16	77	14	126	1,002	1,128
SOUTH DAKOTA	Feb 15 - May 03	7,482	24,561	4,623	126,198	7,710	133,908
TEXAS ²	Jan 28 - Mar 24	1,741	4,391	1,351	14,681	50,712	65,393
WYOMING	Feb 25 - Apr 07	123	514	21	671	0	671
MONTANA	N/A	-	-	-	-	302	302
CENTRAL FLYWAY		20,121	76,333	17,975	380,920	116,452	497,372
ARKANSAS	Oct 10 - Nov 17 Feb 01 - Feb 05 Feb 7 - Apr 25	7,019	38,102	14,020	250,927	35,195	286,122
ILLINOIS ²	Jan 15 - Mar 31	2,187	33,048	5,570	121,689	10,671	132,360
INDIANA ²	Feb 01 - Mar 31	171	345	189	860	0	860
IOWA	Jan 16 - Apr 15	1,724	12,969	1,543	19,087	0	19,087
KENTUCKY ²	Feb 01 - Mar 31	224	547	318	1,523	2,103	3,626
LOUISIANA ^{2,5}	Dec 08 - Dec 12 & Dec 15 - Dec 19 & Jan 26 - Mar 02	1,641	15,761	1,970	12,477	11,371	23,848
MINNESOTA	Mar 01 - Apr 30	534	2,605	215	2,121	971	3,092
MISSISSIPPI	Oct 01 - Nov 18 & Feb 01 - Feb 05 Feb 07 - Mar 31	215	759	304	3,288	5,300	8,588
MISSOURI	Feb 1 - Apr 30	6,440	31,355	9,031	178,134	2,312	180,446
TENNESSEE	Feb 14 - Mar 10	51	255	202	1,035	1,734	2,769
REST OF FLYWAY	N/A	-	-	-	-	0	0
MISSISSIPPI FLYWAY		20,155	135,491	33,160	591,141	69,657	660,798
CENTRAL + MISSISSIPPI FLYWAYS		40,276	211,824	51,135	972,061	186,109	1,158,170
CANADA (QC, ON, MB, SK, AB)		6,246	20,491	-	70,449	164,744	235,193
TOTAL		46,522	232,315	51,135	1,042,510	350,853	1,393,363

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

3-Apr-18

² Dates vary by zone - dates shown are inclusive for all zones

³ In 2009 NM changed their survey methods from previous years

⁴ 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.

⁵ In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2016-2017¹**

STATE	DATES	CONSERVATION ORDER HARVEST				REGULAR SEASON HARVEST	TOTAL HARVEST
		NO. OF HUNTERS	HUNTER-DAYS	UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST		
COLORADO	Feb 13 - Apr 30	2,921	15,637	1,059	16,102	15,021	31,123
KANSAS	Feb 13 - Apr 30	2,430	9,765	980	45,501	14,222	59,723
NEBRASKA ²	Feb 10 - Apr 15	6,167	36,024	5,982	127,897	12,338	140,235
NEW MEXICO ³	Feb 01 - Mar 10	53	80	18	44	365	409
NORTH DAKOTA ⁴	Feb 18 - May 14	3,357	10,742	4,028	76,172	49,172	125,344
OKLAHOMA	Feb 13 - Mar 30	34	129	75	160	2,387	2,547
SOUTH DAKOTA	Feb 13 - May 02	7,120	33,627	6,806	181,460	14,074	195,534
TEXAS ²	Jan 30 - Mar 19	1,101	3,167	866	7,849	117,278	125,127
WYOMING	Feb 20 - Apr 09	135	438	42	1,066	62	1,128
MONTANA	N/A	-	-	-	-	258	258
CENTRAL FLYWAY		20,397	93,972	19,856	456,251	225,177	681,428
ARKANSAS	Oct 8 - Nov 15 Jan 30 - Feb 03 Feb 5 - Apr 25	5,889	31,359	11,507	232,087	62,389	294,476
ILLINOIS ²	Jan 13 - Mar 31	2,459	32,931	5,774	133,629	13,805	147,434
INDIANA ²	Feb 13 - Mar 31	111	488	12	464	2,020	2,484
IOWA	Jan 27 - Apr 15	2,488	17,832	2,685	33,306	2,064	35,370
KENTUCKY ²	Feb 16 - Mar 31	112	308	153	533	664	1,197
LOUISIANA ^{2,5}	Dec 06 - Dec 16 & Feb 13 - Mar 12	938	6,212	1,095	5,655	28,712	34,367
MINNESOTA	Mar 01 - Apr 30	471	1,966	298	1,713	-	1,713
MISSISSIPPI	Oct 01 - Nov 11 & Feb 16 - Mar 31	175	1,190	2,118	5,723	10,581	16,304
MISSOURI	Feb 7 - Apr 30	6,554	32,675	7,759	171,715	6,732	178,447
TENNESSEE	Feb 11 - Mar 9	17	97	79	371	8,002	8,373
REST OF FLYWAY	N/A	-	-	-	-	0	0
MISSISSIPPI FLYWAY		19,197	124,961	31,401	585,196	134,969	720,165
CENTRAL + MISSISSIPPI FLYWAYS		39,594	218,933	51,257	1,041,447	360,146	1,401,593
CANADA (ON, QC, MB, SK, AB)		3,316	10,305	-	30,259	147,605	177,864
TOTAL		42,910	229,238	51,257	1,071,706	507,751	1,579,457

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

8-Jan-20

² Dates vary by zone - dates shown are inclusive for all zones

³ In 2009 NM changed their survey methods from previous years

⁴ 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.

⁵ In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2017-2018¹**

STATE	DATES	CONSERVATION ORDER HARVEST				REGULAR SEASON HARVEST	TOTAL HARVEST
		NO. OF HUNTERS	HUNTER-DAYS	UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST		
COLORADO	Feb 19 - Apr 30	2,821	18,076	1059	56,647	22,787	79,434
KANSAS	Feb 19 - Apr 30	332	12,158	3028	73,295	14,255	87,550
NEBRASKA ²	Feb 12 - Apr 15	6,052	31,801	5990	129,536	3,415	132,951
NEW MEXICO ³	Feb 01 - Mar 10	66	79	0	934	43	977
NORTH DAKOTA ⁴	Feb 17 - May 13	2,245	6,959	4939	75,118	40,092	115,210
OKLAHOMA	Feb 19 - Mar 30	24	103	4	70	590	660
SOUTH DAKOTA	Feb 19 - May 08	7,379	32,577	7574	166,079	35,707	201,786
TEXAS ²	Jan 29 - Mar 18	1,792	4,633	1216	13,573	157,976	171,549
WYOMING	Feb 19 - Apr 08	169	527	17	1,023	218	1,241
MONTANA	N/A	-	-	-	-	141	141
CENTRAL FLYWAY		18,059	88,837	23,827	516,275	275,224	791,499
ARKANSAS	Oct 7 - Nov 14 Jan 29 - Feb 02 Feb 4 - Apr 25	11,570	52,700	48,331	669,964	92,886 - -	762,850 - -
ILLINOIS ²	Jan 19 - Mar 31	2,505	30,989	14,360	103,322	16,065	119,387
INDIANA ²	Feb 11 - Mar 31	271	833	107	1,642	1,884	3,526
IOWA	Jan 25 - Apr 15	3,523	21,898	4,283	56,830	-	56,830
KENTUCKY ²	Feb 16 - Mar 31	109	392	244	1,617	-	1,617
LOUISIANA ^{2,5}	Dec 04 - Dec 15 & Feb 12 - Mar 11	1,265	17,145	2,663	38,618	20,170 -	58,788 -
MINNESOTA	Feb 15 - Apr 30	321	1,204	78	1,021	-	1,021
MISSISSIPPI	Oct 01 - Nov 09 & Jan 29 - Feb 02 Feb 04 - Mar 31	221	1,198	1,706	5,911	10,291 - -	16,202 - -
MISSOURI	Feb 7 - Apr 30	7,141	32,172	9,859	273,563	15,062	288,625
TENNESEE	Feb 11 - Mar 9	45	192	64	2,953	1,868	4,821
REST OF FLYWAY	N/A	-	-	-	-	1265	1,265
MISSISSIPPI FLYWAY		26,926	158,531	81,631	1,155,441	159,491	1,314,932
CENTRAL + MISSISSIPPI FLYWAYS		44,985	247,368	105,458	1,671,716	434,715	2,106,431
CANADA (ON, QC, MB, SK, AB)		NA	NA	-	NA	193,236	193,236
TOTAL		44,985	247,368	105,458	1,671,716	627,951	2,299,667

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

15-Nov-19

² Dates vary by zone - dates shown are inclusive for all zones

³ In 2009 NM changed their survey methods from previous years

⁴ 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.

⁵ In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2018-2019¹**

STATE	DATES	CONSERVATION ORDER HARVEST				REGULAR SEASON HARVEST	TOTAL HARVEST
		NO. OF HUNTERS	HUNTER-DAYS	UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST		
COLORADO	Feb 18 - Apr 30	2,506	14,336	1,068	20,719	2,144	22,863
KANSAS	Feb 18 - Apr 30	3,119	13,872	2,866	78,285	12,864	91,149
NEBRASKA ²	Feb 11 - Apr 15	3,042	15,459	2,222	30,358	214	30,572
NEW MEXICO ³	Feb 01 - Mar 10	45	125	0	136	464	600
NORTH DAKOTA ⁴	Feb 23 - May 12	2,078	6,442	3,325	31,105	26,350	57,455
OKLAHOMA	Feb 18 - Mar 30	21	57	3	189	2,800	2,989
SOUTH DAKOTA	Feb 18 - May 15	4,113	16,466	2,745	80,693	9,652	90,345
TEXAS ²	Jan 28 - Mar 17	1,531	4,569	761	8,696	44,561	53,257
WYOMING	Feb 18 - Apr 07	65	189	20	149	0	149
MONTANA	N/A	-	-	-	-	437	437
CENTRAL FLYWAY		14,014	57,179	13,010	250,330	99,486	349,816
ARKANSAS	Oct 06 - Oct 26 & Oct 30 - Nov 16 & Jan 28 - Feb 01 & Feb 03 - Apr 25	15,595	80,424	17,553	268,057	36,881	304,938
ILLINOIS ²	Jan 18 - Mar 31	2,694	30,206	5,558	86,683	1,641	88,324
INDIANA ²	Feb 11 - Mar 31	362	760	133	1,050	368	1,418
IOWA	Jan 27 - Apr 15	1,629	6,189	312	7,606	223	7,829
KENTUCKY ²	Feb 16 - Mar 31	131	353	185	594	-	594
LOUISIANA ^{2,5}	Dec 03 - Dec 14 & Feb 11 - Mar 10	620	3,847	322	5,628	5,559	11,187
MINNESOTA	Feb 15 - Apr 30	444	1,537	206	1,612	375	1,987
MISSISSIPPI	Oct 01 - Nov 08 & Jan 28 - Feb 01 & Feb 03 - Mar 31	195	1,057	1,505	5,215	652	5,867
MISSOURI	Feb 7 - Apr 30	5,940	23,976	4,896	96,188	12,321	108,509
TENNESSEE	Feb 11 - Mar 18	6	29	0	5	-	5
REST OF FLYWAY	N/A	-	-	-	-	135	135
MISSISSIPPI FLYWAY		27,610	148,349	30,670	472,638	58,155	530,793
CENTRAL + MISSISSIPPI FLYWAYS		41,624	205,528	43,680	722,968	157,641	880,609
CANADA (ON, QC, MB, SK, AB)		NA	NA	-	NA	124,131	124,131
TOTAL		41,624	205,528	43,680	722,968	281,772	1,004,740

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

7-Jan-20

² Dates vary by zone - dates shown are inclusive for all zones

³ In 2009 NM changed their survey methods from previous years

⁴ 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.

⁵ In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.

**ESTIMATED LIGHT-GOOSE (SNOW, BLUE, AND ROSS'S) HARVESTS
DURING REGULAR-SEASON AND CONSERVATION-ORDER PERIODS
IN THE CENTRAL AND MISSISSIPPI FLYWAYS, 2019-2020¹**

STATE	DATES	CONSERVATION ORDER HARVEST				REGULAR SEASON HARVEST	TOTAL HARVEST
		NO. OF HUNTERS	HUNTER-DAYS	UNRETRIEVED HARVEST	TOTAL EST. RETRIEVED HARVEST		
COLORADO	Feb 17 - Apr 30	2,075	11,154	438	16,813	2,537	19,350
KANSAS	Feb 17 - Apr 30	3,112	15,981	4,052	68,235	15,582	83,817
NEBRASKA ²	Feb 11 - Apr 15	5,045	25,021	8,106	103,490	1,002	104,492
NEW MEXICO ³	Feb 01 - Mar 10	88	103	0	88	120	208
NORTH DAKOTA ⁴	Feb 22 - May 10	3,994	16,432	5,032	62,157	31,492	93,649
OKLAHOMA	Feb 17 - Mar 30	20	62	2	145	5,407	5,552
SOUTH DAKOTA	Feb 17 - May 15	4,908	22,695	4,257	96,846	18,230	115,076
TEXAS ²	Jan 27 - Mar 15	1,039	2,787	950	6,634	77,624	84,258
WYOMING	Feb 17 - Apr 30	140	407	37	842	443	1,285
MONTANA	N/A	-	-	-	-	220	220
CENTRAL FLYWAY		18,346	83,488	22,874	355,250	152,657	507,907
ARKANSAS	Oct 05 - Oct 25 & Oct 31 - Nov 22 & Feb 01 - Feb 07 & Feb 09 - Apr 25	17,882	89,408	41,128	638,372	34,420	672,792
ILLINOIS ²	Jan 17 - Mar 31	3,272	41,621	7,395	138,954	1,215	140,169
INDIANA ²	Feb 10 - Mar 31	169	362	0	220	269	489
IOWA	Jan 26 - Apr 15	1,697	8,923	632	16,600	344	16,944
KENTUCKY ²	Feb 16 - Mar 31	77	362	133	513	-	513
LOUISIANA ^{2,5,6}	Dec 09 - Dec 13 & Feb 10 - Mar 15	NA	NA	NA	NA	14,203	14,203
MINNESOTA	Feb 18 - Apr 30	430	1,529	54	785	-	785
MISSISSIPPI	Oct 01 - Nov 10 & Feb 01 - Feb 07 & Feb 09 - Mar 31	202	1,095	1,414	5,402	2,898	8,300
MISSOURI	Feb 7 - Apr 30	6,503	28,596	10,644	174,625	4,494	179,119
TENNESSEE	Feb 15 - Mar 22	2	6	0	16	653	669
REST OF FLYWAY	N/A	-	-	-	-	466	466
MISSISSIPPI FLYWAY		30,232	171,896	61,400	975,487	58,962	1,034,449
CENTRAL + MISSISSIPPI FLYWAYS		48,578	255,384	84,274	1,330,737	211,619	1,542,356
CANADA (ON, QC, MB, SK, AB)		NA	NA	-	NA		0
TOTAL		48,578	255,384	84,274	1,330,737	211,619	1,542,356

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

13-Apr-21

² Dates vary by zone - dates shown are inclusive for all zones

³ In 2009 NM changed their survey methods from previous years

⁴ 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.

⁵ In LA regular season harvest contains Conservation Order take because zones and season overlap make it difficult to separate.

⁶ Due to an oversight in mailing questionnaires, LA was not able to produce credible estimates for the 2019-2020 CO.