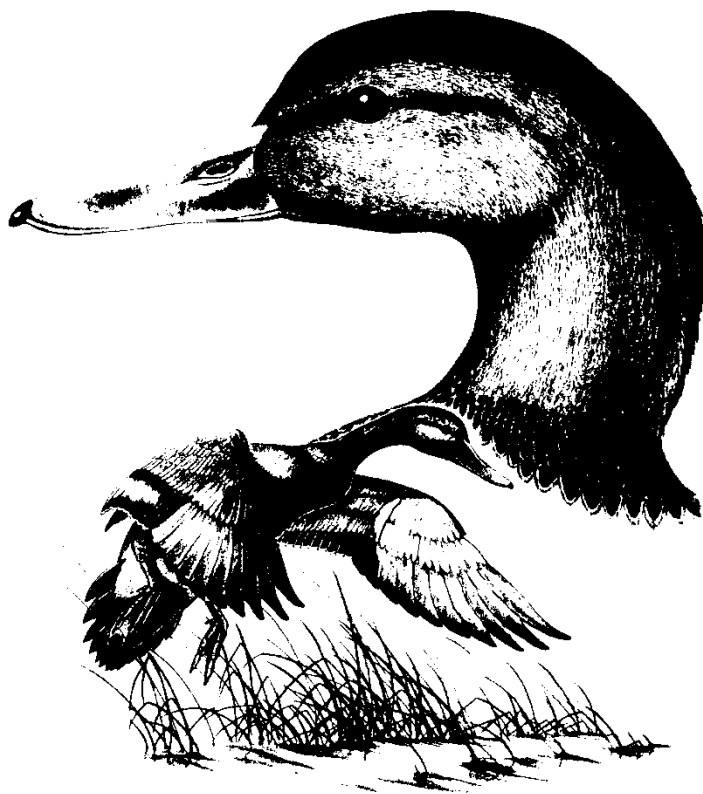


ATLANTIC FLYWAY

WATERFOWL HARVEST AND POPULATION SURVEY DATA

September 2022



COMPILED BY:

Anthony J. Roberts
WILDLIFE BIOLOGIST

U.S. FISH AND WILDLIFE SERVICE
DIVISION OF MIGRATORY BIRD MANAGEMENT
LAUREL, MARYLAND 20708

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Note To Users

Since 1961, estimates of waterfowl harvest and hunting activity and success in the United States have been derived from the U.S. Fish and Wildlife Service's Waterfowl Harvest Survey. This is a 2-part survey including: 1) a questionnaire survey used to determine hunting activity and success and total harvest; and 2) a waterfowl-parts-collection survey used to apportion harvest by species, age, and sex.

From 1961 to 2001, the questionnaire portion of the survey (termed the "Mail Questionnaire Survey" or MQS) was a mail survey of individuals who purchased duck stamps with the intention of hunting waterfowl. Problems with the sampling frame led to a new survey design in the mid-1990s. This design, called the Harvest Information Program (HIP), was fully implemented in 1999. The new questionnaire portion of the survey includes some species and groups of migratory game birds other than waterfowl (e.g. woodcock and doves). The parts-collection portion of the survey was expanded to include these species and groups as well.

Because the source of participants and the design of the questionnaire survey in the Harvest Information Program are different from those in the previously used survey, the estimates of waterfowl harvest, hunting activity, and hunter success derived from the 2 surveys **are not comparable**. For this reason, the harvest estimates (1961-2001) based on the discontinued MQS were placed in a separate compilation entitled "Estimates of Waterfowl Harvest, Hunting Activity, and Success, 1961-2001." Copies of the final MQS report are available upon request from the U.S. Fish and Wildlife Service's Atlantic Flyway Representatives office.

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 Atlantic Flyway Representatives office with specific request.

Atlantic Flyway Representative's office, Laurel, Maryland
Phone: (301) 497-5851
E-mail: anthony_roberts@fws.gov

ATLANTIC FLYWAY

Atlantic Flyway Council Information	1
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Waterfowl Hunter Participation and Success

Active duck hunters	3
Days hunted by active duck hunters	3
Duck harvest per active duck hunter	3
Active sea duck hunters.....	4
Days hunted by active sea duck hunters	4
Sea duck harvest per active sea duck hunter	4
Active goose hunters	5
Days hunted by active goose hunters	5
Goose harvest per active goose hunter	5
Active brant hunters	6
Days hunted by active brant hunters	6
Brant harvest per active goose hunter	6

US WATERFOWL HARVEST ESTIMATES

All ducks	7
Mallards.....	7
Mallard X black duck	7
Black ducks	8
Mottled duck	8
Gadwall	8
Green-winged teal	9
Blue-winged teal.....	9
Wigeon	9
Shovelers	10
Pintails	10
Wood ducks.....	10
Redheads	10
Canvasbacks	11
Greater scaup	11
Lesser scaup	11
Ring-necked ducks	12
Common goldeneye.....	12
Bufflehead	12
Common merganser	13
Red-breasted merganser	13
Hooded merganser.....	13
Long-tailed duck.....	14
Common eider	14
Black scoter	14
White-winged scoter.....	15
Surf scoter	15
Ruddy duck	15
Green-winged teal during Special September Seasons	16
Blue-winged teal during Special September Seasons.....	17
Florida duck harvest during September season	18
Canada geese	19

Snow/Ross' geese	19
Atlantic brant.....	19
Canada goose harvest by season.....	20
Tundra swans	
Permits issued	21
Active Swan Hunters	22
Retrieved Harvests	23
Harvest Per Hunter.....	24
 WATERFOWL SURVEYS	
Mallard and black duck harvest age ratios.....	25
 WEBLESS SPECIES	
Mourning doves	
Eastern Management Unit harvest estimates.....	26
Eastern Management Unit hunter numbers	26
Eastern Management Unit seasonal harvest per hunter.....	26
Eastern Management Unit hunter days.....	26
US harvest estimates	27
US hunter days	27
American woodcock	
Eastern Management Region harvest estimates	28
Eastern Management Region hunter numbers.....	28
Eastern Management Region seasonal harvest per hunter	28
Eastern Management Region hunter days	28
US harvest estimates	29
US hunter days	29
Rails	
Harvest in VA, NJ, and AF.....	30
Snipe	
Harvest in FL and AF.....	30

Atlantic Flyway Council and Technical Sections History of Chairmanships, Meeting Locations, and USFWS and CWS Representatives, 1952 - 2022							
Year	AFC Chairman	AFTS Chairman	AFNGTS Chairman	Winter AFTS meeting	Winter AFC meeting	Annual AFC & AFTS meeting ^{1, 2}	USFWS Representative CWS Representative
1952	Charles Belt (NY)				Miami, FL	Washington, DC (Inaugural mtg, January)	Ed Addy
1953	Charles Belt (NY)				Washington, DC	Wilmington, DE	Ed Addy
1954	Charles Belt (NY)				Chicago, IL	Baltimore, MD	Ed Addy
1955	Clyde Patton (NC)				Montreal, PQ	Raleigh, NC	Ed Addy
1956	Clyde Patton (NC)				New Orleans, LA	Baltimore, MD	Ed Addy
1957	Lester McNamara (NJ)				Washington, DC	Davis, WV	Ed Addy
1958	Clyde Patton (NC)				St. Louis, MO	Burlington, VT	Ed Addy
1959	Clyde Patton (NC)				New York, NY	Virginia Beach, VA	Ed Addy Louis Lemieux
1960	Clyde Patton (NC)				Dallas, TX	Baltimore, MD (TS Formed, V. Stotts Chair)	Ed Addy Louis Lemieux
1961	George Davis (VT)	Vernon Stotts (MD)		Annapolis, MD	Washington, DC	Old Point Comfort, VA	Ed Addy Louis Lemieux
1962	George Davis (VT)	Vernon Stotts (MD)		Savannah, GA	Denver, CO	Baltimore, MD (D. Benson TS Chair)	Ed Addy Louis Lemieux
1963	Chester Phelps (VA)	Dirck Benson (NY)		Baltimore, MD	Detroit, MI	Baltimore, MD	Ed Addy Louis Lemieux
1964	Chester Phelps (VA)	Dirck Benson (NY)		Cacapon State Park, WV	Las Vegas, NV	Richmond, VA (L. Lemieux TS Chair)	Ed Addy Bill Munro
1965	Norman Wilder (DE)	Louis Lemieux (PQ)		Mattamuskeet Lodge, NC	Washington, DC	Newark, DE	Ed Addy Bill Munro
1966	Norman Wilder (DE)	Louis Lemieux (PQ)		Québec City, PQ	Pittsburgh, PA	Arlington, VA (O. Florschutz TS Chair)	Ed Addy Richard Fyfe
1967	James Webb (SC)	Otto Florschutz (NC)		Naples, FL	San Francisco, CA	Easton, MD	Ed Addy Richard Fyfe
1968	James Webb (SC)	Howard (Skip) Spencer (ME)		Chestertown, MD	Houston, TX	Charleston, SC	Ed Addy Bill Whitman
1969	James Shepard (MA)	Howard (Skip) Spencer (ME)		Albany, NY	Washington, DC	Boston, MA	Ed Addy Bill Whitman
1970	James Shepard (MA)	Howard (Skip) Spencer (ME)		Toronto, ON (Joint meeting w/ MF)	Chicago, IL	Annapolis, MD (B. Dawson TS Chair)	Ed Addy Bill Whitman
1971	Earl Frye, Jr. (FL)	Blair Dawson (ON)		Fort Lauderdale, FL	Portland, OR	Fredericton, NB	Ed Addy Bill Whitman
1972	Earl Frye, Jr. (FL)	Blair Dawson (ON)		Atlantic City, NJ	Mexico City, Mexico	Sanibel Island, FL (O. Dewberry TS Chair)	Ed Addy Bill Whitman
1973	Russel Cookingham (NJ)	Oscar Dewberry (GA)		Hershey, PA	Washington, DC	Moncton, NB	Vacant Bill Whitman
1974	Russel Cookingham (NJ)	Oscar Dewberry (GA)		Kitty Hawk, NC	Denver, CO	Dover, DE	Warren Blandin Bill Whitman
1975	Jack Crockford (GA)	Fred Ferrigno (NJ)		Jeckyll Island, GA	Pittsburgh, PA	Atlantic City, NJ	Warren Blandin Bill Whitman
1976	Jack Crockford (GA)	Fred Ferrigno (NJ)		Greenville, ME	Washington, DC	Savannah, GA	Warren Blandin Bill Whitman
1977	Dan Cantner (WV)	Jim Ruckel (WV)		Newport, RI	Atlanta, GA	Davis, WV	Warren Blandin Austin Reed
1978	Dan Cantner (WV)	Jim Ruckel (WV)		Homosassa, FL	Phoenix, AZ	Williamsburg, VA	Warren Blandin Austin Reed
1979	Herbert Doig (NY)	Tommy Hines (FL)		Charleston, SC	Toronto, ON	Albany, NY	Warren Blandin Austin Reed
1980	Herbert Doig (NY)	Tommy Hines (FL)		Burlington, VT	Miami Beach, FL	Wrightsville Beach, NC	Warren Blandin Austin Reed
1981	Jim Timmerman (SC)	Lloyd Alexander (DE)		Salisbury, MD	Washington, DC	Baltimore, MD	Warren Blandin Austin Reed
1982	Jim Timmerman (SC)	Lloyd Alexander (DE)		Dover, DE	Portland, OR	Charleston, SC	Warren Blandin Austin Reed
1983	Bill Wagner, II (DE)	Steve Browne (NY)		Torrington, CT	Kansas City, MO	Bar Harbor, ME	Vacant Bill Whitman
1984	Bill Wagner, II (DE)	Steve Browne (NY)		Bedford, NH	Boston, MA	Hyannis, MA	Jerry Serie Andre Bourget
1985	Bob Brantley (FL)	Fred Hartman (PA)		Savannah, GA	Washington, DC	Cherry Hill, NJ	Jerry Serie Bob Bailey
1986	Bob Brantley (FL)	Fred Hartman (PA)		Orlando, FL	Reno, NV	Williamsburg, VA	Jerry Serie Bob Bailey
1987	Ken Wich (NY)	Tommy Strange (SC)		Toronto, ON	Québec City, PQ	Tampa, FL	Jerry Serie Bob Bailey
1988	Ken Wich (NY)	Tommy Strange (SC)		St. Louis, MO (Joint meeting w/ MF)	Louisville, KY	Toronto, ON	Jerry Serie Bob Bailey
1989	Leon Kirkland (GA)	Fax Settle (VA)		Portland, ME	Washington, DC	Quebec City, PQ	Jerry Serie Bob Bailey
1990	Leon Kirkland (GA)	Fax Settle (VA)		St. John, NB	Denver, CO	Buffalo, NY	Jerry Serie Bob Bailey
1991	Bill Wagner, II (DE)	Dennis Luszczy (NC)		Easton, MD	Edmonton, AB	Burlington, VT	Jerry Serie Kathy Dickson
1992	Bill Wagner, II (DE)	Dennis Luszczy (NC)		Virginia Beach, VA	Charlotte, NC	Wrightsville Beach, NC	Jerry Serie Kathy Dickson
1993	Charles Fullwood (NC)	Pat Corr (ME)		Davis, WV	Washington, DC	Fredricton, NB	Jerry Serie Kathy Dickson
1994	Charles Fullwood (NC)	Pat Corr (ME)		Tallahassee, FL	Anchorage, AK	St. Michaels, MD	Jerry Serie Kathy Dickson

History of Chairmanships, Meeting Locations, and USFWS and CWS Representatives, 1952 - 2022								
Year	AFC Chairman	AFTS Chairman	AFNGTS Chairman	Winter AFTS meeting	Winter AFC meeting	Annual AFC & AFTS meeting ^{1, 2}	USFWS Representative	CWS Representative
1995	Wayne MacCallum (MA)	Tom Myers (VT)		Worcester, MA	Minneapolis, MN	Charleston, WV	Jerry Serie	Kathy Dickson
1996	Wayne MacCallum (MA)	Tom Myers (VT)		Mt. Pocono, PA (Joint meeting w/ MF)	Tulsa, OK	Kansas City, MO (Joint all Flyways meeting)	Jerry Serie	Kathy Dickson
1997	Bob McDowell (NJ)	Dave Brakhage (FL)		Newport, RI	Washington, DC	Savannah, GA	Jerry Serie	Kathy Dickson
1998	Bob McDowell (NJ)	Dave Brakhage (FL)		Absecon, NJ	Orlando, FL	Simsbury, CT	Jerry Serie	Kathy Dickson
1999	Josh Sandt (MD)	Paul Castelli (NJ)		Dover, DE	Burlingame, CA	Key West, FL	Jerry Serie	Kathy Dickson
2000	Josh Sandt (MD)	Paul Castelli (NJ)		Kill Devil Hills, NC	Rosemont, IL	Memphis, TN (Joint all Flyways meeting)	Jerry Serie	Kathy Dickson
2001	Frank Montalbano (FL)	Larry Hindman (MD)		Portsmouth, NH	Washington, DC	Québec City, PQ	Jerry Serie	Kathy Dickson
2002	Frank Montalbano (FL)	Larry Hindman (MD)		Charleston, SC	Dallas, TX	Burlington, VT	Jerry Serie	Kathy Dickson
2003	Bob Ellis (VA)	John Dunn (PA)		Peterborough, ON	Winston-Salem, NC	Boiling Springs, PA	Jerry Serie	Kathy Dickson
2004	Bob Ellis (VA)	John Dunn (PA)		Jeckyll Island, GA	Spokane, WA	Dover, DE	Jerry Serie	Kathy Dickson
2005	Ron Regan (VT)	Diane Eggeman (FL)		Mystic, CT	Arlington, VA	Bar Harbor, ME	Jerry Serie	Kathy Dickson
2006	Ron Regan (VT)	Diane Eggeman (FL)	Karen Bennett (DE)	Louisville, KY (Joint meeting w/ MF)	Columbus, OH	Charleston, SC	Jerry Serie	Bruce Pollard
2007	David Cobb (NC)	Bill Crenshaw (VT)	Laurel Barnhill (SC)	Saratoga, NY	Portland, OR	Portsmouth, NH	Paul Padding	Bruce Pollard
2008	David Cobb (NC)	Bill Crenshaw (VT)	Chris McGrath (NC)	Burlington, VT	Phoenix, AZ	Princeton, NJ	Paul Padding	Bruce Pollard
2009	Cal DuBrock (PA)	Bryan Swift (NY)	Chris McGrath (NC)	Easton, MD	Arlington, VA	Charlottetown, PEI	Paul Padding	Bruce Pollard
2010	Cal DuBrock (PA)	Bryan Swift (NY)	Robin Boughton (FL)	St. Petersburg, FL	Milwaukee, WI	Wilmington, NC	Paul Padding	Bruce Pollard
2011	Dan Forster (GA)	Chris Davies (ON)	Robin Boughton (FL)	Portland, ME	Kansas City, MO	Newport, RI	Paul Padding	Bruce Pollard
2012	Dan Forster (GA)	Chris Davies (ON)	John Ozard (NY)	Sturbridge, MA	Atlanta, GA	Williamsburg, VA	Paul Padding	Bruce Pollard
2013	Larry Herrighty (NJ)	Greg Balkcom (GA)	John Ozard (NY)	Peterborough, ON	Arlington, VA	Mystic, CT	Paul Padding	Bruce Pollard
2014	Larry Herrighty (NJ)	Greg Balkcom (GA)	John Buck (VT)	Hershey, PA	Denver, CO	Charleston, WV	Paul Padding	Bruce Pollard
2015	Diane Eggeman (FL)	Gary Costanzo (VA)	John Buck (VT)	Rehoboth Beach, DE	Omaha, NE	Albany, NY	Paul Padding	Bruce Pollard
2016	Diane Eggeman (FL)	Gary Costanzo (VA)	Derrell Shipes (SC)	Virginia Beach, VA	Pittsburgh, PA	Jacksonville, FL	Paul Padding	Bruce Pollard
2017	Rick Jacobson (CT)	Min Huang (CT)	Derrell Shipes (SC)	Wheeling, WV	Spokane, WA	Annapolis, MD	Paul Padding	Bruce Pollard
2018	Rick Jacobson (CT)	Min Huang (CT)	Derrell Shipes (SC)	Cape May, NJ	Norfolk, VA	Plymouth, MA	Paul Padding	Bruce Pollard
2019	Rob Hossler (DE)	Ted Nichols (NJ)	Bob Sargent (GA)	Kitty Hawk, NC	Denver, CO	Jekyll Island, GA	Paul Padding	Bruce Pollard
2020	Rob Hossler (DE)	Ted Nichols (NJ)	Bob Sargent (GA)	Portsmouth, NH	Omaha, NE	Virtual meeting	Vacant	Bruce Pollard
2021	Gray Anderson (VA)	Ian Gregg (PA)	Gwen Brewer (MD)	Virtual meeting	Virtual meeting	Virtual meeting	Pat Devers	Bruce Pollard
2022	Gray Anderson (VA)	Ian Gregg (PA)	Richard Bailey (WV)	Portsmouth, NH	Spokane, WA	Burlington, VT	Pat Devers	Bruce Pollard

¹ Held in summer from 1953-2015; held in fall beginning in 2016
² Additional AFC meeting held in fall 2015 via conference call to recommend 2016 hunting regulations

Estimates of green-winged teal harvest during the Special September Teal Season in the Atlantic Flyway and the Special September Duck Season in Florida, based on the Mail Questionnaire Survey (1981-2001) and the Harvest Information Program (post-1998).

Year	DE	MD	VA	NC	SC	GA	FL	Total
Mail Questionnaire Survey								
1981							300	300
1982							0	0
1983							0	0
1984							300	300
1985							300	300
1986							100	100
1987							200	200
1988							0	0
1989							0	0
1990							0	0
1991							0	0
1992							100	100
1993							0	0
1994							0	0
1995							100	100
1996							200	200
1997							400	400
1998	0	2,200	1,300	1,900	500	0	200	3,800
1999	3,600	4,600	2,500	1,300	0	0	100	7,400
2000	2,500	4,600	1,400	1,600	0	1,400	0	6,900
2001	1,800	4,300	900	0	0	1,000	0	3,800
Harvest Information Program								
1999	3,400	4,200	400	900	0	0	100	8,900
2000	2,600	3,500	700	400	0	400	0	7,700
2001	1,900	3,400	200	0	0	2,100	0	7,600
2002	900	800	100	300	0	0	0	2,100
2003*	1,800	900	200	200	100	0	0	2,300
2004*	800	1,200	300	0	0	0	0	1,200
2005*	300	900	100	1,100	0	0	0	2,400
2006*	2,200	500	100	1,500	700	0	0	4,900
2007*	400	500	100	0	100	200	0	1,300
2008*	1,400	1,900	700	0	0	0	0	3,900
2009*	1,200	1,200	400	1,200	200	0	200	3,200
2010*	1,400	500	100	300	0	0	0	2,300
2011*	2,000	0	400	200	0	0	0	2,500
2012*	3,200	0	1,300	300	0	0	100	4,800
2013*	400	100	0	800	0	0	0	1,400
2014*	200	900	600	0	200	0	0	1,900
2015*	600	500	200	0	0	0	0	1300
2016*	300	100	0	0	0	0	0	400
2017*	0	300	100	300	100	0	0	800
2018*	200	1,100	1,000	200	0	0	0	2500
2019*	300	100	0	0	100	0	0	500
2020*	400	0	0	0	0	0	0	400
2021*	100	100	100	200	0	0	100	700
Averages								
Mail Questionnaire Survey								
1981-85							180	180
1986-90							60	60
1991-95							40	40
1996-2000	2,000	3,800	1,700	1,600	200	500	200	3,700
Harvest Information Program								
1999-2000	3,000	3,900	600	700	0	200	50	8,300
2001-05	1,100	1,400	200	300	20	400	0	3,100
2006-10	1,300	900	300	600	200	0	0	3,100
2011-15	1,300	300	500	300	0	0	0	2,400
2016-20	200	300	200	100	0	0	0	900

* Preliminary estimates

Estimates of blue-winged teal harvest during the Special September Teal Season in the Atlantic Flyway and the Special September Duck Season in Florida, based on the Mail Questionnaire Survey (1981-2001) and the Harvest Information Program (post-1998).

Year	DE	MD	VA	NC	SC	GA	FL	Total
Mail Questionnaire Survey								
1981							5,700	5,700
1982							0	0
1983							11,600	11,600
1984							14,100	14,100
1985							12,900	12,900
1986							7,700	7,700
1987							7,800	7,800
1988							0	0
1989							0	0
1990							0	0
1991							0	0
1992							3,000	3,000
1993							3,400	3,400
1994							4,200	4,200
1995							7,800	7,800
1996							14,700	14,700
1997							19,700	19,700
1998	3,600	6,000	600	4,600	2,900	300	8,000	20,100
1999	1,400	5,500	800	4,000	4,200	3,000	9,400	22,900
2000	1,100	2,400	2,000	4,700	3,400	6,900	10,200	28,200
2001	400	4,800	1,400	4,100	2,200	1,600	7,800	17,400
Harvest Information Program								
1999	1,300	5,000	100	2,900	2,000	4,000	9,500	24,800
2000	1,200	1,800	900	1,300	1,500	2,100	12,500	21,400
2001	400	3,800	300	1,500	1,900	3,300	8,000	19,200
2002	100	1,300	200	300	800	1,300	9,200	13,100
2003*	400	900	200	1,100	500	2,800	5,100	10,000
2004*	0	100	0	800	1,700	1,800	2,600	6,800
2005*	0	400	600	0	2,900	3,500	7,900	15,400
2006*	300	1,100	300	600	1,400	6,400	7,800	17,800
2007*	100	300	100	500	7,600	5,200	8,200	22,000
2008*	0	1,100	800	0	1,800	0	1,700	5,400
2009*	200	2,200	400	1,200	6,700	500	7,500	17,400
2010*	100	700	1,700	0	9,200	0	15,300	27,000
2011*	100	300	1,500	3,300	13,500	13,300	9,400	41,500
2012*	300	0	800	2,100	6,100	7,100	8,800	25,100
2013*	100	400	300	600	1,700	8,600	8,500	20,400
2014*	0	100	400	300	2,500	5,400	11,000	19,800
2015*	200	200	300	0	3,400	19,100	10,300	33,400
2016*	0	400	400	1,000	2,100	3,900	9,900	17,600
2017*	100	100	0	1,100	3,300	2,700	4,300	11,500
2018*	100	0	2,000	3,100	3,100	1,800	8,400	18,500
2019*	0	500	0	1,400	3,400	10,500	9,600	25,300
2020*	300	800	0	500	4,200	2,300	10,800	18,800
2021*	0	100	100	2,400	1,800	0	14,100	18,500
Averages								
Mail Questionnaire Survey								
1981-85							8,900	8,900
1986-90							3100	3100
1991-95							3,700	3,700
1996-2000	2,000	4,600	1,100	4,400	3,500	3,400	12,400	21,100
Harvest Information Program								
1999-2000	1,300	3,400	500	2,100	1,800	3,100	11,000	23,100
2001-05	200	1,300	300	700	1,600	2,500	6,600	12,900
2006-10	100	1,100	700	500	5,300	2,400	8,100	17,900
2011-15	100	200	700	1,300	5,400	10,700	9,600	28,000
2016-20	100	300	400	1,600	3,000	3,500	9,500	18,400

* Preliminary estimates

Estimated harvest of selected duck species during the September Duck Season (Green-winged teal, Blue-winged/cinnamon teal, Wood duck) and the Regular Duck Season (Black-bellied whistling duck) in Florida.

Year	Green-winged teal	Blue-winged/ cinnamon teal	Wood duck	Black-bellied whistling duck
1999	100	9,600	7,100	100
2000	0	13,600	4,700	300
2001	0	8,000	3,200	300
2002	0	9,200	3,600	1,900
2003*	0	5,100	1,100	700
2004*	0	2,600	1,100	1,500
2005*	0	7,900	1,700	1,100
2006*	0	7,800	1,700	1,400
2007*	0	8,200	2,300	3,700
2008*	0	1,700	1,300	1,500
2009*	200	7,500	1,200	7,200
2010*	0	15,300	4,500	6,500
2011*	0	9,400	1,600	5,600
2012*	100	8,800	600	5,200
2013*	0	8,500	900	7,400
2014*	0	11,000	2,600	3,200
2015*	0	10,300	2,300	8,500
2016*	0	9,900	1,400	5,500
2017*	0	4,300	1,000	2,900
2018*	0	8,400	1,500	6,400
2019*	0	9,600	800	7,200
2020*	0	10,800	2,600	3,600
2021*	100	14,100	3,900	4,100
Averages				
1999-2000	50	11,600	5,900	200
2001-05	0	6,600	2,100	1,100
2006-10	40	8,100	2,200	4,060
2011-15	20	9,600	1,600	5,980
2016-20	0	9,500	1,900	5,000

* Preliminary estimates

NUMBER OF ACTIVE TUNDRA SWAN HUNTERS FOR THE EASTERN AND WESTERN POPULATIONS														
Year	EASTERN POPULATION							WESTERN POPULATION						TOTAL
	MT	ND	SD	DE	NC	VA	TOTAL	UT	ID	NV	MT	AK	TOTAL	
1964								940					940	940
1965								915					915	915
1966								950					950	950
1967								910					910	910
1968								930					930	930
1969								2,225					2,225	2,225
1970								2,200			275		2,475	2,475
1971								2,146		415	245		2,806	2,806
1972								2,100		400	265		2,765	2,765
1973								2,175		375	230		2,780	2,780
1974								2,200		385	350		2,935	2,935
1975								2,175		390	350		2,915	2,915
1976								2,150		410	380		2,940	2,940
1977								2,264		380			2,644	2,644
1978								2,150		370	350		2,870	2,870
1979								2,150		390	390		2,930	2,930
1980								2,100		395	400		2,895	2,895
1981								2,225		445	330		3,000	3,000
1982								2,200		400	340		2,940	2,940
1983	70						70	2,125		507	375		3,007	3,077
1984	58				867		925	2,150		494	305		2,949	3,874
1985	60				5,080		5,140	2,021		436	275		2,732	7,872
1986	51				4,888		4,939	2,075		480	270		2,825	7,764
1987	106				5,014		5,120	1,924		404	395		2,723	7,843
1988	60	301			4,729	519	5,609	1,875		195	355	71	2,496	8,105
1989	117	865			4,446	517	5,945	1,925		262	400	81	2,668	8,613
1990	121	816	485		4,859	499	6,780	2,050		232	370	46	2,698	9,478
1991	131	1,565	850		4,849	488	7,883	1,950		181	185	53	2,369	10,251
1992	139	1,648	1,352		4,675	516	8,330	1,875		71	365	58	2,369	10,699
1993	119	1,603	1,350		4,802	334	8,208	2,025		135	380	83	2,623	10,831
1994	145	1,616	1,260		4,790	489	8,300	2,100		161	405	119	2,785	11,085
1995	175	1,638	900		4,776	495	7,984	2,172		287	340	118	2,917	10,901
1996	219	1,549	840		3,773	476	6,857	2,392		331	415	81	3,219	10,076
1997	262	1,671	872		3,892	503	7,200	2,392		328	395	125	3,240	10,440
1998	308	1,559	851		3,762	481	6,961	2,420		418	415	108	3,361	10,322
1999	282	1,675	690		3,836	445	6,928	2,338		435	390	148	3,311	10,239
2000	260	1,566	606		4,047	513	6,992	1,680		360	301	59	2,400	9,392
2001	233	1,553	827		3,997	510	7,120	1,560		240	340	151	2,291	9,411
2002	200	1,550	693		3,951	485	6,879	1,658		182	305	151	2,296	9,175
2003	199	1,436	587		4,257	520	6,999	1,740		221	250	131	2,342	9,341
2004	230	1,564	579		3,958	526	6,857	1,600		221	400	91	2,312	9,169
2005	240	1,715	539		4,180	527	7,201	1,618		270	380	83	2,351	9,552
2006	211	1,650	543		4,074	520	6,998	1,775		442	325	82	2,624	9,621
2007	213	1,672	700		4,126	509	7,220	1,800		501	400	70	2,770	9,990
2008	193	1,738	653		4,244	523	7,351	1,760		369	385	109	2,623	9,975
2009	193	1,804	752		4,322	492	7,563	1,780		283	405	92	2,560	10,123
2010	207	1,694	665		4,246	500	7,312	1,720		356	360	129	2,566	9,877
2011	192	1,760	740		4,200	454	7,346	1,740		401	390	128	2,658	10,004
2012	213	1,650	680		4,179	452	7,174	1,820		501	370	114	2,804	9,978
2013	202	1,671	722		4,308	442	7,345	1,540		268	375	110	2,293	9,638
2014	265	1,692	739		4,069	417	7,182	1,740		280	345	80	2,445	9,626
2015	346	1,672	1,129		4,309	545	8,001	1,740		60	407	101	2,308	10,309
2016	339	1,561	954		3,744	444	7,042	1,620		294	436	41	2,391	9,433
2017	128	1,755	625		5,309	522	8,339	1,640		405	200	37	2,282	10,621
2018	223	1,863	710		5,265	532	8,593	1,618		625	305	51	2,599	11,192
2019	201	1,755	1,038	70	5,124	565	8,753	2,226		411	247	48	2,932	11,685
2020	201	1,430	1,019	38	4,174	454	7,316	2,236	32	421	245	61	2,995	10,311
2021	221	1,386	1,023	55	4,044	482	7,211	2,077	30	292	292	73	2,764	9,975
AVERAGES:														
1962-69								1,145					1,145	1,145
1970-79								2,171		391	315		2,806	2,806
1980-89	75	583			4,171	518	3,964	2,062		402	345	76	2,823	5,598
1990-99	190	1,534	945		4,401	473	7,543	2,171		258	366	94	2,889	10,432
2000-09	217	1,625	648		4,116	513	7,118	1,697		309	349	102	2,457	9,575
2010-19	232	1,707	800	70	4,475	487	7,709	1,740		360	344	84	2,528	10,236
2020-29	211	1,408	1,021	47	4,109	468	7,264	2,157	31	357	269	67	2,880	10,143
Start-2021	188	1,548	812	54	4,294	491	6,820	1,910	31	327	346	91	2,664	9,484

ESTIMATED RETRIEVED HARVESTS OF EASTERN AND WESTERN POPULATION TUNDRA SWANS

Year	EASTERN POPULATION							WESTERN POPULATION						TOTAL
	MT	ND	SD	DE	NC	VA	TOTAL	UT	ID	NV	MT	AK	TOTAL	
1962								320					320	320
1963								392					392	392
1964								335					335	335
1965								336					336	336
1966								491					491	491
1967								246					246	246
1968								520					520	520
1969								1,377		87			1,464	1,464
1970								1,078		208	179		1,465	1,465
1971								1,109		102	91		1,302	1,302
1972								1,028		124	150		1,302	1,302
1973								1,191		109	101		1,401	1,401
1974								1,377		190	259		1,826	1,826
1975								1,383		188	266		1,837	1,837
1976								1,109		206	139		1,454	1,454
1977								1,575		84	214		1,873	1,873
1978								1,152		90	146		1,388	1,388
1979								1,293		214	275		1,782	1,782
1980								1,156		103	250		1,509	1,509
1981								1,619		301	177		2,097	2,097
1982								1,244		161	139		1,544	1,544
1983	34						34	1,168		169	218		1,555	1,589
1984	22				313		335	1,194		229	221		1,644	1,979
1985	19				2,523		2,542	673		145	185		1,003	3,545
1986	41				2,302		2,343	947		196	200		1,343	3,686
1987	27				2,684	117	2,828	600		94	280		974	3,802
1988	25	191			2,488	117	2,821	854		78	260	16	1,208	4,029
1989	41	511			2,128	133	2,813	694		81	302	17	1,094	3,907
1990	59	474	339		2,855	128	3,855	874		67	275	16	1,232	5,087
1991	52	704	444		2,940	205	4,345	774		62	79	8	923	5,268
1992	37	833	814		2,609	187	4,480	450		29	221	17	717	5,197
1993	18	712	545		2,773	130	4,178	337		55	290	26	708	4,886
1994	62	690	483		3,750	194	5,179	768		89	326	40	1,223	6,402
1995	56	805	172		2,833	217	4,083	682		72	182	57	993	5,076
1996	61	663	233		2,177	195	3,329	1,578		119	302	50	2,049	5,378
1997	101	870	403		2,325	217	3,916	1,371		131	300	58	1,860	5,776
1998	81	618	233		2,363	248	3,543	2,040		185	276	51	2,552	6,095
1999	93	867	223		2,290	128	3,601	1,564		212	226	91	2,094	5,695
2000	115	633	151		2,515	179	3,593	666		78	217	112	1,073	4,666
2001	93	561	337		2,322	144	3,457	271		62	289	113	735	4,192
2002	51	688	193		2,363	177	3,472	548		45	167	51	811	4,283
2003	56	235	41		2,355	174	2,861	795		78	119	77	1,069	3,930
2004	105	719	134		1,745	159	2,862	657		83	255	51	1,046	3,908
2005	93	772	137		2,436	195	3,633	899		100	284	41	1,324	4,957
2006	64	611	163		2,291	163	3,292	904		155	169	71	1,299	4,591
2007	64	652	144		2,313	193	3,366	884		217	306	64	1,471	4,837
2008	53	886	220		2,501	243	3,903	731		136	199	67	1,133	5,036
2009	70	956	297		2,239	165	3,727	812		56	292	80	1,241	4,968
2010	44	745	191		2,535	229	3,744	725		118	209	60	1,112	4,856
2011	65	704	261		2,494	145	3,669	695		144	247	95	1,181	4,850
2012	77	611	157		2,538	172	3,555	929		203	294	55	1,481	5,036
2013	67	769	306		2,509	170	3,821	376		26	239	62	703	4,524
2014	401	795	280		2,509	165	4,150	768		25	167	47	1,007	5,157
2015	105	635	229		2,611	173	3,753	903		8	264	70	1,246	4,999
2016	86	562	82		2,045	131	2,906	812		127	222	36	1,198	4,104
2017	47	772	232		3,206	252	4,509	833		127	112	28	1,100	5,609
2018	58	857	179		2,812	204	4,110	947		233	121	38	1,339	5,449
2019	50	702	214	40	2,942	197	4,145	1,188		228	148	66	1,630	5,775
2020	76	543	189	22	2,473	132	3,435	1,350	18	266	157	38	1,829	5,264
2021	87	316	86	35	2,389	133	3,046	1,072	18	126	238	90	1,544	4,590
AVERAGES:														
1962-69								502		87			513	513
1970-79								1,230		152	182		1,563	1,563
1980-89	30	351			2,073	122	1,959	1,015		156	223	17	1,397	2,769
1990-99	62	724	389		2,692	185	4,051	1,044		102	248	41	1,435	5,486
2000-09	59	671	182		2,308	179	3,417	717		101	230	73	1,120	4,537
2010-19	100	715	213	40	2,620	184	3,836	818		124	203	56	1,200	5,036
2020-29	82	430	138	29	2,431	133	3,241	1,211	18	196	197	64	1,686	4,927
Start-2021	71	667	254	32	2,460	175	3,416	880	18	119	227	55	1,276	4,692

AVERAGE SEASONAL TUNDRA SWAN BAG (RETRIEVED & UNRETRIEVED) PER ACTIVE HUNTER

Year	EASTERN POPULATION							WESTERN POPULATION						TOTAL
	MT	ND	SD	DE	NC	VA	TOTAL	UT	ID	NV	MT	AK	TOTAL	
1962														
1963														
1964								0.45					0.45	0.45
1965								0.43					0.43	0.43
1966								0.60					0.60	0.60
1967								0.37					0.37	0.37
1968								0.67					0.67	0.67
1969								0.74					0.79	0.79
1970								0.57			0.65		0.67	0.67
1971								0.60		0.29	0.37		0.53	0.53
1972								0.55		0.35	0.57		0.52	0.52
1973								0.66		0.32	0.49		0.60	0.60
1974								0.72		0.56	0.90		0.72	0.72
1975								0.71		0.57	0.87		0.71	0.71
1976								0.58		0.55	0.40		0.55	0.55
1977								0.83		0.25			0.84	0.84
1978								0.70		0.25	0.47		0.61	0.61
1979								0.71		0.66	0.86		0.73	0.73
1980								0.64		0.30	0.68		0.60	0.60
1981								0.87		0.79	0.59		0.82	0.82
1982								0.69		0.46	0.44		0.63	0.63
1983	0.49						0.49	0.66		0.38	0.63		0.61	0.61
1984	0.39				0.39		0.39	0.60		0.51	0.74		0.60	0.55
1985	0.32				0.55		0.55	0.37		0.36	0.72		0.40	0.50
1986	0.80				0.53		0.53	0.51		0.53	0.80		0.54	0.53
1987	0.26				0.60		0.62	0.33		0.26	0.77		0.38	0.53
1988	0.45	0.72			0.58	0.24	0.55	0.51		0.42	0.79	0.23	0.53	0.55
1989	0.39	0.68			0.53	0.29	0.53	0.44		0.32	0.85	0.27	0.48	0.52
1990	0.51	0.70	0.84		0.64	0.29	0.63	0.50		0.31	0.80	0.35	0.52	0.60
1991	0.41	0.52	0.61		0.65	0.45	0.61	0.48		0.35	0.46	0.15	0.46	0.57
1992	0.27	0.59	0.71		0.62	0.40	0.61	0.26		0.44	0.62	0.29	0.32	0.54
1993	0.18	0.49	0.51		0.62	0.41	0.56	0.19		0.43	0.84	0.36	0.30	0.50
1994	0.44	0.48	0.47		0.82	0.41	0.67	0.42		0.60	0.86	0.35	0.49	0.63
1995	0.34	0.55	0.22		0.67	0.45	0.57	0.38		0.32	0.57	0.49	0.38	0.52
1996	0.30	0.48	0.30		0.61	0.42	0.52	0.84		0.41	0.78	0.65	0.72	0.58
1997	0.44	0.56	0.51		0.64	0.45	0.59	0.73		0.45	0.90	0.52	0.66	0.61
1998	0.29	0.43	0.29		0.65	0.52	0.53	1.05		0.50	0.78	0.48	0.86	0.64
1999	0.34	0.57	0.36		0.61	0.30	0.55	0.83		0.53	0.61	0.65	0.71	0.60
2000	0.50	0.44	0.30		0.67	0.36	0.56	0.47		0.24	0.82	1.95	0.51	0.54
2001	0.42	0.40	0.46		0.63	0.30	0.53	0.21		0.27	0.94	0.77	0.36	0.46
2002	0.28	0.48	0.32		0.63	0.38	0.54	0.39		0.28	0.59	0.36	0.40	0.50
2003	0.29	0.18	0.07		0.58	0.35	0.43	0.52		0.37	0.53	0.63	0.51	0.45
2004	0.48	0.50	0.25		0.46	0.32	0.44	0.48		0.41	0.67	0.60	0.51	0.46
2005	0.42	0.49	0.29		0.62	0.40	0.54	0.62		0.39	0.83	0.55	0.62	0.56
2006	0.30	0.40	0.33		0.59	0.33	0.50	0.58		0.36	0.53	0.88	0.54	0.51
2007	0.30	0.44	0.23		0.57	0.39	0.49	0.56		0.45	0.82	0.93	0.59	0.52
2008	0.29	0.56	0.42		0.61	0.49	0.56	0.47		0.37	0.55	0.62	0.48	0.54
2009	0.36	0.56	0.45		0.54	0.36	0.52	0.52		0.21	0.80	0.88	0.54	0.52
2010	0.22	0.47	0.33		0.62	0.49	0.54	0.47		0.35	0.63	0.54	0.48	0.52
2011	0.34	0.44	0.39		0.61	0.33	0.52	0.45		0.39	0.69	0.77	0.49	0.51
2012	0.38	0.40	0.26		0.62	0.39	0.52	0.56		0.44	0.83	0.48	0.57	0.53
2013	0.34	0.49	0.44		0.60	0.39	0.54	0.27		0.11	0.68	0.58	0.33	0.49
2014	1.52	0.50	0.38		0.63	0.41	0.59	0.51		0.09	0.51	0.60	0.46	0.56
2015	0.32	0.39	0.20		0.62	0.32	0.48	0.57		0.18	0.71	0.72	0.59	0.50
2016	0.27	0.40	0.10		0.56	0.30	0.43	0.55		0.46	0.54	0.93	0.54	0.46
2017	0.38	0.49	0.38		0.62	0.49	0.56	0.55		0.34	0.59	0.76	0.52	0.55
2018	0.27	0.50	0.27		0.54	0.39	0.50	0.64		0.39	0.40	0.78	0.55	0.51
2019	0.26	0.42	0.22	0.69	0.59	0.37	0.49	0.58		0.59	0.63	1.40	0.60	0.52
2020	0.38	0.40	0.19	0.68	0.60	0.29	0.48	0.65	0.56	0.68	0.67	0.62	0.65	0.53
2021	0.39	0.25	0.09	0.76	0.60	0.28	0.43	0.55	0.63	0.47	0.84	1.23	0.59	0.48
AVERAGES:														
1962-69								0.54					0.55	0.55
1970-79								0.66		0.42	0.62		0.65	0.65
1980-89	0.44	0.70			0.53	0.27	0.52	0.56		0.43	0.70	0.25	0.56	0.58
1990-99	0.35	0.54	0.48		0.65	0.41	0.58	0.57		0.43	0.72	0.43	0.54	0.58
2000-09	0.36	0.45	0.31		0.59	0.37	0.51	0.48		0.34	0.71	0.82	0.51	0.51
2010-19	0.43	0.45	0.30	0.69	0.60	0.39	0.52	0.51		0.33	0.62	0.76	0.51	0.52
2020-29	0.39	0.33	0.14	0.72	0.60	0.29	0.46	0.60	0.60	0.57	0.76	0.93	0.62	0.50
Start-2021	0.39	0.48	0.35	0.71	0.60	0.38	0.53	0.52	0.60	0.38	0.70	0.66	0.52	0.53

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

YEAR	MALLARD					BLACK DUCK		
	AF	MF	CF	PF	US	AF	MF	US
1961	1.97	1.09	0.62	1.24	1.05	1.68	2.00	1.74
1962	1.55	1.46	0.91	1.27	1.29	1.32	1.60	1.37
1963	1.66	1.34	0.93	1.59	1.36	1.48	1.12	1.39
1964	1.77	1.17	0.65	1.22	1.10	1.49	1.21	1.41
1965	1.83	1.63	0.89	1.88	1.60	1.38	1.69	1.46
1966	1.72	1.50	0.94	1.54	1.40	1.51	1.11	1.37
1967	1.91	1.48	0.88	1.73	1.43	1.85	1.62	1.79
1968	2.08	1.10	0.46	1.04	0.97	1.89	1.44	1.80
1969	1.62	1.81	1.01	2.02	1.63	1.32	1.12	1.27
1970	1.93	1.19	0.73	1.46	1.18	1.72	0.99	1.46
1971	1.48	0.99	0.81	1.44	1.07	1.40	1.42	1.40
1972	1.58	0.96	0.58	1.10	0.91	1.35	0.94	1.19
1973	2.17	1.32	0.67	1.13	1.13	1.82	1.26	1.62
1974	2.15	1.92	1.19	1.90	1.77	1.81		1.72
1975	1.84	1.36	0.92	1.60	1.35	1.87	1.27	1.70
1976	1.88	1.26	0.90	1.69	1.32	1.38	1.09	1.30
1977	1.57	0.84	0.46	1.13	0.86	1.81	1.32	1.64
1978	1.64	1.15	1.00	1.80	1.30	1.60	1.49	1.58
1979	2.27	1.43	0.97	1.53	1.41	1.54	1.51	1.53
1980	1.72	0.92	0.68	1.12	0.98	1.50	1.19	1.42
1981	1.36	0.77	0.52	1.00	0.82	1.67	1.24	1.56
1982	1.73	1.13	0.71	1.26	1.13	1.85	1.11	1.65
1983	1.66	1.42	0.82	1.64	1.37	1.61	1.21	1.49
1984	1.68	1.26	0.75	1.25	1.18	2.00	2.12	2.03
1985	1.50	1.09	0.78	1.20	1.11	1.82	1.23	1.67
1986	1.57	1.34	1.02	1.47	1.34	1.04	1.00	1.03
1987	1.81	1.31	0.94	1.08	1.22	1.29	1.24	1.28
1988	1.64	0.96	0.49	0.82	0.90	1.57	1.24	1.51
1989	1.75	1.12	0.67	1.31	1.16	1.41	1.08	1.32
1990	1.41	0.95	0.57	1.13	0.98	1.24	1.08	1.20
1991	1.12	0.99	0.61	0.84	0.92	1.23	0.87	1.13
1992	1.02	0.82	0.50	0.93	0.82	0.95	0.97	0.95
1993	1.36	1.17	0.67	1.47	1.17	1.42	1.11	1.32
1994	1.20	1.07	0.91	1.25	1.10	1.16	1.04	1.13
1995	1.09	0.92	0.90	1.01	0.95	1.14	0.96	1.09
1996	1.16	1.02	0.86	1.28	1.06	1.00	0.65	0.88
1997	1.26	1.16	0.91	1.52	1.20	1.39	1.75	1.48
1998	1.03	0.81	0.67	1.33	0.91	1.24	1.64	1.36
1999	0.91	0.89	0.73	0.96	0.88	0.99	1.35	1.11
2000	0.92	0.68	0.54	1.02	0.74	0.83	0.63	0.76
2001	1.14	1.33	0.71	1.22	1.13	1.10	1.19	1.26
2002	0.96	0.90	0.58	1.17	0.87	1.02	0.88	0.94
2003*	1.26	1.40	0.87	1.51	1.29	1.12	1.13	1.12
2004*	1.37	1.03	0.74	1.43	1.06	0.87	1.20	0.97
2005*	1.54	1.63	1.26	1.98	1.62	1.56	1.63	1.58
2006*	1.35	1.44	1.05	1.82	1.45	1.39	1.69	1.47
2007*	1.31	1.20	1.07	1.23	1.20	1.31	1.02	1.22
2008*	1.22	1.06	0.70	1.19	1.04	0.96	1.03	0.98
2009*	1.37	1.24	1.01	1.42	1.25	1.15	1.65	1.27
2010*	1.30	1.59	1.29	1.63	1.53	1.43	2.24	1.58
2011*	1.24	1.91	1.52	2.28	1.85	1.23	1.38	1.27
2012*	1.38	1.68	1.17	1.35	1.46	1.44	1.56	1.47
2013*	1.37	1.31	1.19	1.25	1.28	1.43	2.00	1.56
2014*	1.33	1.66	1.43	1.25	1.50	1.07	1.30	1.12
2015*	1.38	1.19	0.97	1.21	1.16	1.17	3.94	1.55
2016*	1.24	1.09	0.78	1.25	1.07	1.40	1.61	1.46
2017*	1.17	0.92	0.85	1.56	1.06	0.97	1.28	1.02
2018*	1.12	1.07	0.90	0.94	1.00	1.13	0.99	1.11
2019*	1.19	1.05	0.92	1.13	1.06	1.71	1.76	1.72
2020*	1.06	1.19	0.82	1.02	1.05	1.48	2.16	1.60
2021*	0.98	0.85	0.59	0.81	0.79	1.31	1.56	1.35
AVERAGES:								
1961-70	1.80	1.38	0.80	1.50	1.30 ##	1.56	1.39	1.51
1971-80	1.83	1.22	0.82	1.44	1.21 ##	1.61	1.28	1.51
1981-90	1.61	1.14	0.73	1.22	1.12 ##	1.55	1.26	1.47
1991-2000	1.11	0.95	0.73	1.16	0.97 ##	1.14	1.10	1.12
2001-10	1.28	1.28	0.93	1.46	1.24 ##	1.19	1.37	1.24
2011-20	1.22	1.26	1.01	1.28	1.21 ##	1.30	1.78	1.38

* - Preliminary

Estimated mourning dove harvest in the United States, 2003-2021.				
Year	EMU	CMU	WMU	US
2003	8,078,500	7,714,600	2,420,100	18,213,200
2004	7,712,000	9,807,700	2,470,600	19,990,200
2005	9,793,000	9,891,400	2,465,500	22,149,900
2006	8,155,400	8,887,000	2,202,900	19,245,300
2007	8,908,400	9,180,200	2,461,500	20,550,000
2008	7,671,800	7,520,000	2,210,700	17,402,400
2009	7,639,200	7,474,600	2,241,000	17,354,800
2010	7,473,500	7,194,900	2,562,000	17,230,400
2011	6,666,900	7,657,700	2,256,300	16,580,900
2012	6,279,900	6,361,600	1,849,400	14,490,800
2013	6,350,600	6,236,000	1,943,300	14,529,800
2014	4,889,800	7,654,700	1,265,000	13,809,500
2015	4,644,900	7,180,300	1,332,200	13,157,300
2016	4,606,000	7,334,600	1,561,400	13,502,000
2017	5,395,000	5,990,600	1,451,700	12,837,300
2018	4,741,200	5,274,800	1,577,200	11,593,300
2019	4,124,900	5,859,800	1,165,000	11,149,800
2020	5,236,700	6,442,200	1,277,300	12,956,200
2021	4,297,500	4,697,200	1,256,600	10,251,200

All estimates are preliminary

Estimated mourning dove hunter days in the United States, 2003-2021.				
Year	EMU	CMU	WMU	US
2003	1,456,900	1,442,600	459,700	3,359,100
2004	1,373,400	1,844,300	476,200	3,693,800
2005	1,669,800	1,729,800	446,200	3,845,700
2006	1,336,000	1,605,900	458,800	3,400,700
2007	1,481,700	1,803,900	487,300	3,772,900
2008	1,269,500	1,497,000	462,200	3,192,700
2009	1,245,700	1,312,700	428,900	2,987,300
2010	1,167,100	1,362,300	494,700	3,024,100
2011	1,095,200	1,444,800	465,700	3,005,700
2012	1,015,600	1,108,700	413,700	2,538,000
2013	987,900	1,185,300	399,800	2,572,900
2014	791,300	1,333,600	261,800	2,386,700
2015	780,400	1,235,000	226,500	2,241,900
2016	789,600	1,344,400	295,900	2,429,800
2017	758,500	1,058,800	235,100	2,052,400
2018	634,800	852,100	259,800	1,746,700
2019	643,500	986,800	207,200	1,837,400
2020	792,700	1,171,000	226,100	2,189,800
2021	624,300	874,700	211,000	1,710,000

All estimates are preliminary

Estimated Woodcock harvest in the United States, 2003-2021.			
Year	EMR	CMR	US
2003	89,200	213,500	302,600
2004	135,400	366,100	501,500
2005	72,200	225,000	297,200
2006	78,000	232,600	310,600
2007	75,900	214,200	290,000
2008	104,700	174,300	279,000
2009	63,300	175,100	238,400
2010	99,800	233,100	332,900
2011	77,000	231,700	308,700
2012	86,400	193,100	279,500
2013	62,500	180,600	243,100
2014	58,600	141,500	200,100
2015	54,500	145,700	200,200
2016	44,400	158,000	202,300
2017	65,900	154,800	220,700
2018	53,100	136,800	189,900
2019	38,400	142,700	181,000
2020	56,600	135,800	192,500
2021	75,500	150,700	226,300

All estimates are preliminary

Estimated Woodcock hunter days in the United States, 2003-2021.			
Year	EMR	CMR	US
2003	152,300	369,900	522,200
2004	135,400	366,100	501,500
2005	164,200	356,100	520,300
2006	144,200	344,300	488,500
2007	145,000	358,500	503,500
2008	169,000	369,800	538,800
2009	178,000	322,300	500,300
2010	146,700	392,400	539,100
2011	156,000	350,500	506,500
2012	137,800	276,900	414,700
2013	136,700	306,100	442,800
2014	119,700	227,600	347,400
2015	115,500	284,200	399,700
2016	96,000	300,200	396,300
2017	115,400	272,400	387,700
2018	99,200	246,000	345,100
2019	101,200	216,600	317,800
2020	142,800	260,600	403,500
2021	153,600	273,100	426,700

All estimates are preliminary

**Estimated Rail and Common Snipe harvest
in the Atlantic Flyway.**

Year	Rail	Common Snipe
2001	33,800	26,100
2002	12,000	27,500
2003	61,200	191,200
2004	16,200	45,700
2005	43,800	90,500
2006	14,700	33,700
2007	15,700	55,800
2008	33,100	46,500
2009	29,800	43,600
2010	15,500	54,000
2011	10,700	57,500
2012	14,800	25,700
2013	9,600	33,000
2014	8,200	55,200
2015	24,500	20,200
2016	12,100	69,100
2017	12,500	31,800
2018	7,400	74,900
2019	20,600	58,700
2020	32,400	46,300
2021	27,700	32,100

All estimates are preliminary