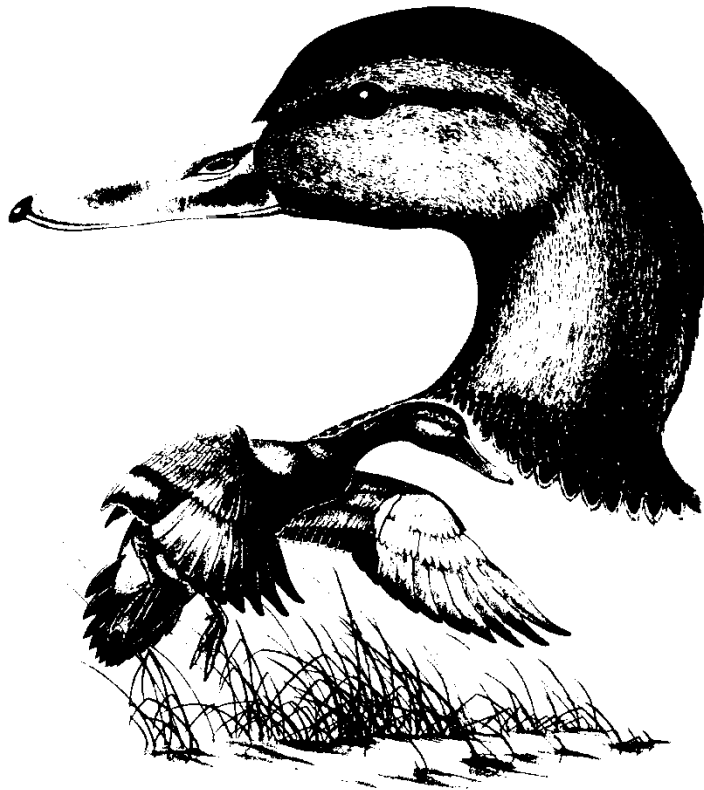


ATLANTIC FLYWAY

WATERFOWL HARVEST AND POPULATION SURVEY DATA

September 2021



COMPILED BY:

Anthony J. Roberts
WILDLIFE BIOLOGIST

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

Suggested Citation: Roberts, A.J. 2021. Atlantic Flyway harvest and population survey data book. U.S. Fish and Wildlife Service, Laurel, MD

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
---	---

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
AP Canada Goose Breeding Pair Survey -- Quebec	26
NAP Canada Goose Breeding Survey	27
Greater snow goose population and productivity estimates from the St. Lawrence Valley.....	28
WEBLESS SPECIES	
Mourning doves	
Eastern Management Unit harvest estimates.....	29
Eastern Management Unit hunter numbers	29
Eastern Management Unit seasonal harvest per hunter.....	29
Eastern Management Unit hunter days.....	29
US harvest estimates	30
US hunter days	30
American woodcock	
Eastern Management Region harvest estimates	31
Eastern Management Region hunter numbers.....	31
Eastern Management Region seasonal harvest per hunter	31
Eastern Management Region hunter days	31
US harvest estimates	32
US hunter days	32
Rails	
Harvest in VA, NJ, and AF.....	33
Snipe	
Harvest in FL and AF.....	33

**Atlantic Flyway Council and Technical Sections
History of Chairmanships, Meeting Locations, and USFWS and CWS Representatives, 1952 - 2020**

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	Fredericton, 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 - 2020

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	Jeckyll 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

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 Active Duck Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL
1999	8,300	1,600	3,100	2,900	4,200	1,100	20,000	30,600	1,100	8,400	4,400	18,500	15,300	27,000	16,800	21,000	14,000
2000	8,500	1,700	3,000	3,300	3,400	900	17,700	31,800	1,000	7,900	4,200	17,900	15,200	33,900	15,800	18,900	6,900
2001	6,900	1,700	2,900	3,300	3,200	1,000	20,100	35,200	600	7,100	4,500	21,400	18,100	29,700	15,200	14,300	12,600
2002	6,000	2,600	2,600	3,100	2,800	700	20,500	32,000	700	7,300	4,700	17,300	18,900	23,700	15,600	10,700	13,100
2003*	6,100	1,300	3,000	3,300	3,000	900	19,600	32,100	900	6,800	5,000	19,700	14,300	20,900	15,600	18,500	12,900
2004*	5,700	2,600	1,900	3,100	2,900	800	19,500	23,500	1,100	6,400	4,500	20,600	16,900	11,200	15,400	13,200	12,400
2005*	6,200	2,400	2,300	3,300	3,000	1,000	21,500	28,600	800	6,600	4,500	17,900	18,600	24,800	19,400	12,300	11,200
2006*	6,400	2,000	2,800	3,800	3,000	500	20,600	25,200	700	5,700	4,100	18,200	16,300	21,900	19,900	13,000	12,500
2007*	5,500	1,800	2,300	2,700	3,000	900	21,000	29,700	1,000	6,300	3,700	16,900	17,300	21,700	17,400	12,000	12,200
2008*	5,700	2,900	2,800	3,700	2,700	700	21,500	26,300	1,100	4,400	4,400	16,600	15,500	20,700	22,100	9,000	12,700
2009*	3,900	2,400	5,200	3,700	2,100	800	21,700	25,200	1,200	7,400	3,600	17,300	17,700	21,500	23,500	24,000	12,200
2010*	5,600	2,700	2,700	3,000	1,800	1,000	16,600	23,200	1,000	6,500	4,300	18,500	18,400	22,100	20,200	21,900	13,800
2011*	4,000	2,600	2,800	3,400	1,500	500	17,900	24,200	800	4,200	3,900	17,200	16,600	25,700	20,500	20,200	15,500
2012*	5,300	2,100	2,500	2,800	1,900	500	18,200	21,300	1,100	7,300	4,100	16,800	15,600	39,400	20,500	16,400	16,300
2013*	4,400	4,000	3,000	3,300	1,600	900	20,500	20,200	800	7,400	3,500	15,400	14,400	26,400	16,700	17,800	14,400
2014*	4,100	2,600	2,100	2,200	1,400	400	20,700	17,300	200	5,600	3,100	13,200	16,900	33,700	20,200	16,300	13,600
2015*	3,300	2,600	2,400	4,000	1,500	700	19,200	19,400	1,000	5,600	3,200	15,100	17,000	31,700	16,300	18,000	13,500
2016*	4,000	3,400	1,700	3,700	2,000	500	17,600	20,000	800	5,900	4,200	16,800	13,200	31,500	17,500	19,000	15,000
2017*	4,700	2,500	2,400	2,900	1,700	800	17,400	12,000	1,000	6,200	3,300	15,900	17,500	26,100	18,700	20,700	14,700
2018*	5,000	2,100	1,600	3,400	1,500	1,200	19,500	22,400	1,100	6,300	3,200	19,000	19,600	41,000	16,900	14,900	15,500
2019*	4,100	3,000	1,700	2,900	1,900	800	16,100	13,900	1,100	5,800	3,200	15,800	16,400	29,200	18,300	15,600	14,000
2020*	4,800	2,200	2,400	4,100	1,800	1,000	15,800	15,500	1,200	5,600	4,100	17,100	16,800	29,500	23,100	19,900	14,500
Averages																	
1999-2000	8,400	1,700	3,100	3,100	3,800	1,000	18,900	31,200	1,100	8,200	4,300	18,200	15,300	30,500	16,300	20,000	10,500
2001-05	6,200	2,100	2,500	3,200	3,000	900	20,200	30,300	800	6,800	4,600	19,400	17,400	22,100	16,200	13,800	12,400
2006-10	5,400	2,400	3,200	3,400	2,500	800	20,300	25,900	1,000	6,100	4,000	17,500	17,000	21,600	20,600	16,000	12,700
2011-15	4,200	2,800	2,600	3,100	1,600	600	19,300	20,500	800	6,000	3,600	15,500	16,100	31,400	18,800	17,700	14,700
2016-20	4,500	2,600	2,000	3,400	1,800	900	17,300	16,800	1,000	6,000	3,600	16,900	16,700	31,500	18,900	18,000	14,700

* Preliminary estimates

Estimates of Days Hunted by Active Duck Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	45,400	11,400	19,100	17,800	32,400	6,900	133,400	156,300	2,200	51,800	36,100	105,400	76,800	149,500	100,500	120,500	83,300	1,148,800
2000	42,200	12,400	17,300	19,400	25,000	7,000	121,800	161,300	5,600	51,500	29,000	107,500	97,500	182,100	112,400	101,700	71,200	1,164,900
2001	34,400	13,300	17,600	18,600	20,100	7,300	128,300	249,400	2,300	44,500	33,100	138,500	90,300	169,600	108,700	106,200	93,100	1,275,500
2002	36,300	19,800	17,200	21,800	18,800	4,700	134,200	178,900	5,300	48,000	35,800	107,300	98,000	159,200	111,400	49,400	103,800	1,149,800
2003*	27,500	10,000	19,600	19,200	16,800	5,800	123,800	158,200	3,900	42,400	37,700	112,400	91,000	138,200	116,800	113,100	70,500	1,106,900
2004*	26,600	17,100	12,400	18,900	16,700	5,400	123,200	138,900	5,200	35,700	32,400	110,900	88,600	74,200	89,300	67,500	75,600	938,400
2005*	26,700	20,200	14,400	20,200	20,700	6,000	134,700	128,600	4,100	42,800	33,000	100,500	98,700	155,300	111,000	77,000	73,400	1,067,300
2006*	28,500	13,800	20,100	22,400	19,100	4,500	128,600	126,000	3,200	39,400	28,100	100,300	91,100	149,400	128,800	76,300	66,800	1,046,200
2007*	30,300	10,600	15,500	17,700	20,100	6,200	139,600	161,000	6,700	45,100	28,200	90,900	94,100	145,400	117,400	67,000	80,500	1,076,300
2008*	30,600	20,500	16,300	21,800	18,300	5,000	127,300	130,000	6,400	32,300	36,500	88,700	88,100	120,700	130,300	61,100	67,300	1,001,300
2009*	25,800	18,500	28,700	19,200	10,900	6,000	130,500	118,200	7,700	55,200	25,100	85,900	91,200	126,800	156,700	122,200	75,600	1,104,100
2010*	26,000	17,300	17,700	15,400	9,500	6,200	102,600	104,800	5,500	41,800	31,200	83,400	113,000	151,800	141,000	120,400	84,800	1,072,400
2011*	21,700	17,400	17,200	24,300	9,300	2,800	119,400	109,400	4,200	26,700	27,500	95,100	89,000	179,700	141,600	124,000	82,000	1,091,400
2012*	28,800	14,200	16,000	15,400	11,900	3,600	112,000	92,100	6,800	47,000	31,000	92,100	86,100	227,800	133,500	98,300	87,600	1,104,200
2013*	28,900	22,400	21,700	18,200	11,600	6,600	117,400	98,500	5,200	48,800	23,400	75,100	83,800	165,000	121,400	95,200	93,100	1,036,100
2014*	18,100	13,200	12,300	12,300	9,100	2,700	120,900	71,700	1,400	35,000	21,500	58,000	80,800	191,100	116,000	84,800	75,200	924,200
2015*	15,300	14,500	13,800	23,100	8,500	5,300	102,400	88,900	5,800	29,800	22,800	65,100	88,700	185,200	99,500	102,200	79,900	950,900
2016*	20,100	16,900	10,700	20,700	11,800	3,700	104,000	86,900	4,200	39,400	29,500	77,800	78,200	242,100	91,200	92,400	77,100	1,006,600
2017*	21,800	15,300	13,100	15,400	9,500	4,900	98,700	59,100	4,800	30,600	23,200	72,000	91,100	175,700	88,800	115,200	73,000	912,300
2018*	22,600	13,300	11,800	18,500	12,500	6,700	97,800	100,600	5,200	34,000	21,300	82,700	90,300	229,300	81,000	69,600	80,300	977,400
2019*	19,900	15,700	11,400	15,500	10,300	5,000	92,600	66,800	5,300	26,600	18,800	65,800	70,000	172,400	87,600	87,100	71,200	841,900
2020*	26,500	15,600	15,200	21,400	12,200	5,700	94,300	72,100	7,900	31,800	24,300	82,800	92,500	184,100	103,000	105,700	60,100	955,200
Averages																		
1999-2000	43,800	11,900	18,200	18,600	28,700	7,000	127,600	158,800	3,900	51,700	32,600	106,500	87,200	165,800	106,500	111,100	77,300	1,156,850
2001-05	30,300	16,100	16,200	19,700	18,600	5,800	128,800	170,800	4,200	42,700	34,400	113,900	93,300	139,300	107,400	82,600	83,300	1,107,600
2006-10	28,200	16,100	19,700	19,300	15,600	5,600	125,700	128,000	5,900	42,800	29,800	89,800	95,500	138,800	134,800	89,400	75,000	1,060,100
2011-15	22,600	16,300	16,200	18,700	10,100	4,200	114,400	92,100	4,700	37,500	25,200	77,100	85,700	189,800	122,400	100,900	83,600	1,021,400
2016-20	22,200	15,400	12,400	18,300	11,300	5,200	97,500	77,100	5,500	32,500	23,400	76,200	84,400	200,700	90,300	94,000	72,300	938,700

* Preliminary estimates

Estimates of Duck Harvest per Active Duck Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL
1999	6.4	12.1	4.8	7.0	8.8	7.9	10.0	4.7	3.1	10.3	14.5	10.1	8.8	11.6	8.4	8.3	15.6
2000	6.0	10.1	4.4	6.9	7.5	9.8	11.3	4.9	6.7	10.1	13.1	10.9	9.5	7.8	11.4	8.6	25.1
2001	4.7	10.1	4.8	5.7	7.7	6.0	8.4	7.1	4.8	8.4	10.0	8.1	6.5	9.0	10.9	8.0	14.7
2002	7.3	9.8	6.6														

Estimates of Active Sea Duck Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL
1999	1,900	0	100	900	600	200	1,300	0	0	700	400	2,500	1,300	0	0	0	0
2000	4,000	0	200	900	600	200	700	0	0	500	200	1,900	1,800	0	0	0	0
2001	2,000	0	200	900	400	300	1,500	0	0	400	200	2,900	2,100	0	0	0	0
2002	2,500	0	300	700	400	100	1,300	0	0	600	300	2,400	2,100	0	0	0	0
2003*	2,800	0	300	1,000	1,000	300	1,500	0	0	800	300	3,100	2,600	0	0	0	0
2004*	2,200	0	100	1,300	800	200	1,700	0	0	700	200	3,400	2,700	0	0	0	0
2005*	1,200	0	200	1,400	400	400	1,200	0	0	700	200	4,200	2,900	0	0	0	0
2006*	2,800	0	200	1,200	200	200	1,400	0	0	500	200	4,100	2,400	0	0	0	0
2007*	1,800	0	200	800	300	300	2,000	0	0	800	300	3,200	2,500	0	0	0	0
2008*	1,700	0	200	1,400	800	100	1,600	0	0	500	200	3,200	2,000	0	0	0	0
2009*	1,000	0	500	1,300	500	200	2,000	0	0	600	200	2,600	1,900	0	0	0	0
2010*	1,200	0	200	1,000	400	200	1,500	0	0	900	100	2,600	1,700	0	0	0	0
2011*	1,300	0	400	900	300	100	1,200	0	0	600	300	3,100	2,000	0	0	0	0
2012*	1,100	0	200	900	500	200	1,600	0	0	1,000	200	2,800	1,200	0	0	0	0
2013*	1,000	0	200	700	600	200	2,000	0	0	1,100	300	2,700	1,000	0	0	0	0
2014*	600	0	200	900	400	100	1,400	0	0	1,200	200	2,800	1,500	0	0	0	0
2015*	500	0	200	700	400	100	1,600	0	0	900	200	3,200	1,300	0	0	0	0
2016*	600	0	100	1,200	400	100	1,400	0	0	1,200	300	3,200	1,800	0	0	0	0
2017*	1,300	0	100	1,400	900	200	1,400	0	0	1,200	100	3,100	2,300	0	0	0	0
2018*	1,300	0	100	900	500	500	2,400	0	0	1,100	400	4,900	3,400	0	0	0	0
2019*	900	0	0	1,700	600	400	1,500	0	0	1,700	400	6,400	2,500	0	0	0	0
2020*	1,300	0	200	1,600	200	600	1,000	0	0	1,400	500	3,800	1,800	0	0	0	0
Averages																	
1999-2000	3,000	0	200	900	600	200	1,000	0	0	600	300	2,200	1,600	0	0	0	0
2001-05	2,100	0	200	1,100	600	300	1,400	0	0	600	200	3,200	2,500	0	0	0	0
2006-10	1,700	0	260	1,100	400	200	1,700	0	0	700	200	3,100	2,100	0	0	0	0
2011-15	900	0	200	800	400	100	1,600	0	0	1,000	200	2,900	1,400	0	0	0	0
2016-20	1,100	0	100	1,400	500	400	1,500	0	0	1,300	300	4,300	2,400	0	0	0	0

* Preliminary estimates

Estimates of Days Hunted by Active Sea Duck Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	6,200	0	300	2,800	2,500	800	6,600	0	0	2,200	600	5,100	2,600	0	0	0	0	29,800
2000	12,900	0	900	2,900	3,400	1,100	4,800	0	0	1,200	300	3,500	5,100	0	0	0	0	36,000
2001	5,500	0	1,100	3,500	1,800	1,300	6,700	0	0	1,300	200	7,500	4,700	0	0	0	0	33,600
2002	13,600	0	800	2,200	1,800	600	7,100	0	0	1,400	800	6,000	4,800	0	0	0	0	38,900
2003*	11,100	0	1,200	3,200	4,700	1,200	5,000	0	0	1,900	900	7,600	6,800	0	0	0	0	43,700
2004*	7,100	0	300	4,200	4,000	900	7,900	0	0	1,800	500	8,300	6,200	0	0	0	0	41,300
2005*	4,000	0	600	4,500	1,600	2,300	4,900	0	0	1,900	400	9,600	7,600	0	0	0	0	37,500
2006*	8,500	0	800	4,700	600	1,000	7,000	0	0	1,000	500	12,100	6,800	0	0	0	0	43,000
2007*	6,200	0	900	3,200	600	1,100	9,300	0	0	1,800	2,300	9,700	7,300	0	0	0	0	42,500
2008*	6,800	0	400	3,900	2,600	600	6,100	0	0	1,800	800	7,300	10,800	0	0	0	0	41,200
2009*	3,700	0	1,400	4,100	1,500	700	9,600	0	0	2,600	400	8,000	4,900	0	0	0	0	36,700
2010*	3,000	0	900	3,500	1,500	1,000	8,000	0	0	2,300	300	5,600	6,000	0	0	0	0	32,000
2011*	3,300	0	1,800	4,700	800	200	4,700	0	0	1,500	700	8,600	5,400	0	0	0	0	31,700
2012*	4,700	0	700	3,000	2,000	500	7,800	0	0	3,200	500	5,800	3,500	0	0	0	0	31,900
2013*	3,500	0	800	1,700	2,100	1,100	8,600	0	0	3,300	800	7,100	2,100	0	0	0	0	31,200
2014*	1,400	0	700	2,100	2,400	400	8,600	0	0	2,200	1,000	5,900	3,500	0	0	0	0	28,200
2015*	900	0	700	2,400	1,700	400	6,100	0	0	3,100	1,200	6,700	3,200	0	0	0	0	26,300
2016*	1,500	0	400	3,300	3,100	500	7,800	0	0	5,000	1,400	6,800	8,200	0	0	0	0	38,000
2017*	3,100	0	400	3,500	3,000	700	6,400	0	0	4,300	600	6,800	9,400	0	0	0	0	38,200
2018*	4,300	0	300	2,300	2,600	2,000	11,900	0	0	2,800	1,800	14,500	9,800	0	0	0	0	52,300
2019*	1,800	0	100	4,800	1,700	1,100	5,100	0	0	5,300	1,100	13,700	6,000	0	0	0	0	40,900
2020*	3,700	0	300	6,400	700	2,000	5,500	0	0	4,200	1,100	8,700	3,300	0	0	0	0	36,000
Averages																		
1999-2000	9,600	0	600	2,900	3,000	1,000	5,700	0	0	1,700	500	4,300	3,900	0	0	0	0	32,900
2001-05	8,300	0	800	3,500	2,800	1,300	6,300	0	0	1,700	600	7,800	6,000	0	0	0	0	39,000
2006-10	5,600	0	900	3,900	1,400	900	8,000	0	0	1,900	900	8,500	7,200	0	0	0	0	39,100
2011-15	2,800	0	900	2,800	1,800	500	7,200	0	0	2,700	800	6,800	3,500	0	0	0	0	29,900
2016-20	2,900	0	300	4,100	2,200	1,300	7,300	0	0	4,300	1,200	10,100	7,300	0	0	0	0	41,100

* Preliminary estimates

Estimates of Sea Duck Harvest per Active Sea Duck Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	8.1	0	6.2	5.7	4.9	8.0	2.8	0	0	3.4	3.2	4.9	2.9	0	0	0	0	0
2000	8.4	0	6.2	8.1	4.1	6.3	4.3	0	0	5.0	3.8	5.3	2.2	0	0	0	0	0
2001	7.4	0	6.8	8.6	5.0	7.7	5.4	0	0	5.7	2.5	5.8	3.2	0	0	0	0	0
2002	6.5	0	6.1	5.7	7.2	7.5	6.4	0	0	4.6	4.7	5.5	3.8	0	0	0	0	0
2003*	16.5	0	8.8	6.7	4.4	9.3	5.0	0	0	4.3	2.4	6.1	4.6	0	0	0	0	0
2004*	9.6	0	2.3	7.6	8.2	8.1	6.4	0	0	4.3	3.6	6.0	4.2	0	0	0	0	0
2005*	11.3	0	4.0	8.6	4.7	12.1	6.8	0	0	5.6	4.8	4.9	2.7	0	0	0	0	0
2006*	8.0	0	4.7	7.5	1.5	11.8	6.3	0	0	3.5	5.0	6.7	4.6	0	0	0	0	0
2007*	9.0	0	6.0	7.0	4.0	7.0	7.0	0	0	5.0	8.0	6.0	4.0	0	0	0	0	0
2008*	11.6	0	5.2	6.8	3.9	6.8	6.6	0	0	4.3	7.6	5.2	6.1	0	0	0	0	0
2009*	5.9	0	2.9	7.4	6.0	8.8	7.2	0	0	5.1	7.0	6.1	3.5	0	0	0	0	0
2010*	6.5	0	11.3	7.6	6.7	5.3	9.6	0	0	4.3	6.9	3.6	3.1	0	0	0	0	0
2011*	8.0	0	15.0	8.0	6.0	5.0	6.0	0	0	3.0	3.0	6.0	5.0	0	0	0	0	0
2012*	7.7	0	7.1	7.6	6.7	3.3	10.1	0	0	7.4	4.2	3.9	5.0	0	0	0	0	0
2013*	4.9	0	9.0	5.6	7.4	4.0	6.7	0	0	4.7	4.4	5.2	3.0	0	0	0	0	0
2014*	3.3	0	6.9	6.3	7.4	8.4	7.8	0	0	3.7	3.2	4.8	5.8	0	0	0	0	0
2015*	3.1	0	4.8	6.3	9.8	5.4	4.3	0	0	7.3	5.1	5.7	5.5	0	0	0	0	0
2016*	5.9	0	1.4	7.2	9.0	4.0	7.8	0	0	5.6	7.2	5.7	5.7	0	0	0	0	0
2017*	6.6	0.0	5.4	6.0	3.5	8.1	6.1	0.0	0.0	5.9	1.8	4.2	6.4	0.0	0.0	0.0	0.0	0.0
2018*	8.3	0	2.1	6.5	3.8	4.4	6.2	0	0	4.1	8.4	5.6	5.9	0	0	0	0	0
2019*	4.6	0.0	9.2	6.7	5.0	4.7	6.9	0.0	0.0	5.5	6.8	4.6	4.9	0.0	0.0	0.0	0.0	0.0
2020*	5.1	0.0	2.8	5.8	1.3	4.5	10.8	0.0	0.0	4.7	3.1	4						

Estimates of Active Goose Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL
1999	3,300	2,000	2,100	2,100	3,900	800	16,700	38,600	700	4,600	2,400	5,600	9,100	10,500	6,000	10,300	600
2000	4,500	2,000	2,500	2,000	3,400	700	14,700	33,700	1,000	4,600	3,100	6,200	14,700	13,400	5,200	8,900	0
2001	4,100	2,100	1,800	2,300	2,900	800	15,700	45,400	1,100	4,400	4,800	28,600	16,700	16,500	4,800	11,200	800
2002	3,800	2,200	2,200	2,300	3,000	600	15,500	47,000	800	4,500	4,500	21,800	16,800	16,000	9,800	8,700	200
2003*	4,700	1,700	2,100	2,400	2,800	900	15,700	41,300	900	4,500	4,700	23,400	12,700	14,000	6,800	12,000	1,000
2004*	3,900	2,200	1,400	2,400	3,000	800	16,900	32,500	1,100	3,900	4,300	24,600	12,900	6,600	6,500	6,600	200
2005*	3,400	2,200	1,900	2,300	2,900	900	17,500	37,000	500	4,000	4,300	25,600	14,500	19,800	8,000	8,500	100
2006*	4,000	1,800	2,200	2,400	2,400	600	17,200	34,100	600	3,700	3,600	23,400	13,800	15,200	8,700	6,200	400
2007*	4,600	1,800	2,000	2,100	2,100	900	17,700	37,500	1,100	4,800	4,100	26,500	15,200	15,700	8,300	6,100	700
2008*	3,700	2,600	2,400	2,700	2,400	600	19,300	37,800	900	3,400	3,900	28,200	15,200	12,700	7,900	7,800	300
2009*	1,600	2,100	4,400	2,700	1,600	600	19,000	30,500	1,100	5,900	4,000	24,200	15,600	11,500	7,700	11,700	1,100
2010*	3,500	2,000	2,100	2,200	1,600	900	14,400	28,100	1,000	5,100	4,300	26,600	16,400	12,300	7,300	8,800	800
2011*	1,900	1,900	2,100	3,100	1,800	500	15,600	27,900	600	2,400	3,400	25,000	13,100	15,300	7,300	10,500	500
2012*	2,900	1,700	1,900	2,300	1,300	400	16,200	26,300	1,000	4,900	3,500	26,300	13,400	17,100	5,900	5,000	800
2013*	3,000	2,600	2,100	2,400	1,600	800	17,400	21,800	800	6,500	3,500	21,800	13,500	14,000	5,500	8,300	900
2014*	3,200	2,000	1,600	1,900	1,400	400	17,000	20,900	300	4,000	2,900	19,800	12,200	16,000	11,000	15,300	1,800
2015*	1,900	2,200	1,500	3,300	1,100	500	16,800	22,600	1,000	3,600	3,200	22,000	11,300	18,600	5,000	15,300	1,200
2016*	2,800	2,100	1,200	3,600	1,600	500	17,200	23,600	900	4,300	3,700	25,800	17,500	22,900	6,400	13,400	1,300
2017*	3,500	2,700	1,600	2,500	2,500	700	14,700	17,600	1,000	4,300	3,500	24,500	12,800	17,800	4,800	7,900	1,800
2018*	2,500	1,500	1,100	3,700	1,700	1,200	12,700	19,500	1,000	4,300	2,700	20,700	13,400	17,900	4,500	6,000	300
2019*	2,600	1,800	1,400	3,600	1,700	700	11,200	18,600	1,100	3,600	2,300	16,100	11,800	17,100	4,000	7,900	900
2020*	3,200	2,100	2,100	4,300	1,500	700	12,700	18,700	1,200	4,000	3,300	16,200	13,300	17,400	7,000	11,400	1,300
Averages																	
1999-2000	3,900	2,000	2,300	2,100	3,700	800	15,700	36,200	900	4,600	2,800	5,900	11,900	12,000	5,600	9,600	300
2001-05	4,000	2,100	1,900	2,300	2,900	800	16,300	40,600	900	4,300	4,500	24,800	14,700	14,600	7,200	9,400	500
2006-10	3,480	2,060	2,620	2,400	2,000	700	17,500	33,600	900	4,600	4,000	25,800	15,200	13,500	7,980	8,120	660
2011-15	2,600	2,100	1,800	2,600	1,400	500	16,600	23,900	700	4,300	3,300	23,000	12,700	16,200	6,900	10,900	1,000
2016-20	2,900	2,000	1,500	3,500	1,800	800	13,700	19,600	1,000	4,100	3,100	20,700	13,800	18,600	5,300	9,300	1,100

* Preliminary estimates

Estimates of Days Hunted by Active Goose Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	11,000	9,400	12,000	14,000	19,900	3,900	86,700	195,700	2,400	21,300	13,000	16,500	33,800	30,600	17,000	28,300	1,000	516,300
2000	19,000	9,600	12,600	9,700	20,000	3,900	75,100	165,200	5,100	24,800	14,000	27,300	56,300	30,300	17,700	29,300	0	519,800
2001	17,800	9,400	8,800	13,200	17,700	5,400	85,900	273,100	5,000	22,900	28,100	187,500	75,700	55,100	20,300	47,700	1,500	875,000
2002	18,600	8,100	13,600	14,100	19,000	4,300	97,600	258,100	5,800	25,400	28,900	141,300	75,600	58,800	41,600	43,500	400	854,700
2003*	14,000	10,000	13,800	14,900	15,300	5,400	94,500	260,900	5,200	23,200	25,600	149,000	69,200	55,300	23,600	47,600	3,300	830,800
2004*	14,700	11,300	7,800	14,300	17,500	5,300	95,000	180,800	7,100	19,500	28,700	136,300	63,400	17,000	20,300	32,000	1,100	672,100
2005*	15,100	13,300	12,600	14,000	17,000	4,700	104,400	189,800	3,400	20,500	25,900	143,900	70,400	81,700	32,900	46,500	300	796,300
2006*	16,800	8,200	16,400	14,100	14,300	4,500	95,400	168,300	2,900	21,600	22,200	135,500	63,500	51,400	41,200	14,400	800	691,500
2007*	17,100	6,900	10,700	13,200	14,400	5,300	106,100	244,800	6,700	29,000	25,400	131,900	70,100	62,300	27,800	28,000	1,700	801,600
2008*	17,300	13,700	12,200	14,100	17,700	4,200	114,700	204,500	5,400	19,900	29,600	160,200	78,800	47,600	29,800	26,800	600	797,200
2009*	8,700	14,000	23,800	15,500	7,700	4,000	113,600	167,500	6,700	34,900	27,200	136,800	68,600	51,400	47,300	72,900	4,000	804,500
2010*	13,900	9,300	12,700	14,600	7,800	5,000	85,000	127,100	5,800	29,200	30,000	152,300	77,100	52,500	20,600	38,900	7,100	688,900
2011*	8,000	8,300	14,600	20,200	11,600	3,300	101,000	130,500	3,600	11,200	19,500	131,200	75,100	44,700	24,200	49,000	900	657,000
2012*	14,200	9,100	11,700	13,000	7,000	2,100	94,500	119,500	5,800	26,400	22,000	166,900	65,300	80,800	28,700	24,600	4,100	695,500
2013*	14,000	12,500	11,500	10,200	8,200	4,900	101,300	114,200	3,700	35,000	22,300	130,000	58,900	56,600	38,700	28,000	1,700	651,700
2014*	12,300	9,500	9,500	9,900	8,500	3,900	89,800	102,300	1,700	16,800	18,500	99,800	57,900	50,600	42,500	72,100	6,400	611,900
2015*	8,400	10,600	9,600	18,100	5,400	4,400	96,500	95,000	5,100	16,300	20,700	108,700	60,800	46,300	23,400	68,600	3,000	601,000
2016*	16,700	9,900	6,900	18,100	9,600	2,900	98,100	115,700	5,300	25,800	19,300	131,900	98,100	79,100	23,000	69,800	6,000	736,200
2017*	14,600	12,800	9,700	13,200	11,500	5,000	84,600	77,800	5,400	20,900	22,800	127,800	52,600	70,400	13,000	46,100	6,900	595,300
2018*	14,800	7,600	8,200	14,300	11,100	7,900	60,400	100,300	5,000	20,200	13,800	96,000	54,700	61,000	14,700	23,000	600	513,500
2019*	11,200	8,300	9,400	21,100	10,800	3,800	61,300	91,100	5,800	13,000	7,800	69,700	46,600	58,700	15,000	44,300	2,200	480,100
2020*	17,200	13,700	12,400	26,700	10,600	3,400	75,200	82,000	7,100	24,800	17,500	81,200	67,900	81,900	28,400	55,300	3,000	608,300
Averages																		
1999-2000	15,000	9,500	12,300	11,900	20,000	3,900	80,900	180,500	3,800	23,100	13,500	21,900	45,100	30,500	17,400	28,800	500	518,100
2001-05	16,000	10,400	11,300	14,100	17,300	5,000	95,500	232,500	5,300	22,300	27,400	151,600	70,900	53,600	27,700	43,500	1,300	805,800
2006-10	14,800	10,400	15,200	14,300	12,400	4,600	103,000	182,400	5,500	26,900	26,900	143,300	71,600	53,000	33,300	36,200	2,800	756,700
2011-15	11,400	10,000	11,400	14,300	8,100	3,700	96,600	112,300	4,000	21,100	20,600	127,300	63,600	55,800	31,500	48,500	3,200	643,400
2016-20	14,900	10,500	9,300	18,700	10,700	4,600	75,900	93,400	5,700	20,900	16,200	101,300	64,000	70,200	18,800	47,700	3,700	586,700

* Preliminary estimates

Estimates of Goose Harvest per Active Goose Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	1.0	2.4	2.1	5.7	5.2	4.3	4.9	4.1	8.2	5.1	13.0	6.5	4.0	3.2	1.6	1.2	2.0	
2000	2.5	4.1	2.1	5.7	5.9	4.8	6.2	3.6	3.5	7.4	12.1	6.6	3.3	2.2	2.1	1.4	0.0	
2001	1.3	3.2	2.2	5.0	6.1	4.8	6.1	5.0	4.7	6.7	6.5	6.6	3.3	2.8	3.3	2.3	1.5	
2002	2.8	3.5	2.8	5.5	7.2	5.8	7.2	4.6	6.3	7.9	7.9	5.8	4.1	2.4	2.8	2.4	1.0	
2003*	2.1	4.3	2.6	5.3	6.7	5.6	6.4	4.7	4.7	6.8	5.1	5.9	5.0	3.1	2.2	2.1	3.6	
2004*	1.8	4.0																

Estimates of Active Brant Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	0	0	0	200	100	100	1,000	0	0	1,700	300	100	1,000	2,300	0	0	0	
2000	0	0	0	300	200	100	1,500	0	0	1,500	300	300	2,300	2,800	0	0	0	
2001	0	0	0	400	200	200	1,400	0	0	1,700	100	200	1,700	1,200	0	0	0	
2002	0	0	0	300	300	100	1,700	0	0	1,700	400	400	1,800	1,400	0	0	0	
2003*	0	0	100	300	800	300	1,900	0	0	1,900	500	500	2,300	1,600	0	0	0	
2004*	0	0	20	300	300	100	1,400	0	0	1,600	200	300	1,400	400	0	0	0	
2005*	0	0	0	400	300	200	1,400	0	0	2,100	300	600	2,400	2,700	0	0	0	
2006*	0	0	0	300	100	100	1,300	0	0	1,400	300	500	1,400	1,800	0	0	0	
2007*	0	0	60	400	100	300	1,600	0	0	1,500	300	300	1,500	2,400	0	0	0	
2008*	0	0	100	600	100	300	1,500	0	0	1,500	400	400	2,100	1,300	0	0	0	
2009*	0	0	90	200	200	200	1,500	0	0	2,200	400	500	1,200	2,400	0	0	0	
2010*	0	0	3	200	70	200	1,100	0	0	1,900	200	300	1,200	1,800	0	0	0	
2011*	0	0	100	400	100	100	1,400	0	0	800	100	200	400	2,500	0	0	0	
2012*	0	0	0	400	200	100	1,900	0	0	2,000	200	500	800	700	0	0	0	
2013*	0	0	100	100	100	100	1,500	0	0	1,100	100	100	700	600	0	0	0	
2014*	0	0	0	300	100	0	1,300	0	0	800	0	100	500	1,400	0	0	0	
2015*	0	0	0	300	100	100	1,100	0	0	500	100	100	100	700	0	0	0	
2016*	0	0	0	600	200	200	1,100	0	0	1,500	200	200	800	1,300	0	0	0	
2017*	0	0	0	500	900	300	1,700	0	0	1,600	100	0	700	900	0	0	0	
2018*	0	0	0	300	200	100	1,800	0	0	2,300	300	0	700	2,500	0	0	0	
2019*	0	0	0	400	200	300	1,300	0	0	1,600	200	200	900	1,700	0	0	0	
2020*	0	0	0	800	300	300	1,000	0	0	1,800	100	200	700	1,100	0	0	0	
Averages																		
1999-2000	0	0	0	300	200	100	1,300	0	0	1,600	300	200	1,700	2,600	0	0	0	
2001-05	0	0	20	300	400	200	1,600	0	0	1,800	300	400	1,900	1,500	0	0	0	
2006-10	0	0	50	300	100	200	1,400	0	0	1,700	300	400	1,500	1,900	0	0	0	
2011-15	0	0	0	300	100	100	1,400	0	0	1,000	100	200	500	1,200	0	0	0	
2016-20	0	0	0	500	400	200	1,400	0	0	1,800	200	100	800	1,500	0	0	0	

* Preliminary estimates

Estimates of Days Hunted by Active Brant Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	0	0	0	400	200	400	5,200	0	0	6,300	1,100	500	1,900	3,400	0	0	0	19,400
2000	0	0	0	1,000	700	600	12,400	0	0	4,800	1,300	600	5,900	5,400	0	0	0	32,600
2001	0	0	0	1,200	400	700	10,600	0	0	6,100	400	700	4,900	9,600	0	0	0	34,600
2002	0	0	0	700	1,000	500	9,700	0	0	6,800	1,000	2,300	5,200	6,300	0	0	0	33,400
2003*	0	0	500	1,200	2,400	2,000	11,000	0	0	7,000	1,300	1,600	8,800	3,500	0	0	0	39,400
2004*	0	0	100	900	1,800	800	5,400	0	0	6,100	1,000	3,500	4,800	700	0	0	0	25,100
2005*	0	0	0	1,300	1,500	800	6,700	0	0	6,800	900	2,000	5,300	7,100	0	0	0	32,200
2006*	0	0	0	800	600	500	5,100	0	0	4,500	900	2,000	3,800	4,000	0	0	0	22,100
2007*	0	0	300	1,300	100	1,300	6,300	0	0	7,700	1,400	1,300	4,800	6,700	0	0	0	31,300
2008*	0	0	100	1,600	500	1,500	8,200	0	0	5,600	1,000	1,000	5,300	3,200	0	0	0	28,000
2009*	0	0	600	1,200	1,400	900	9,500	0	0	10,600	800	2,700	2,700	10,600	0	0	0	41,000
2010*	0	0	0	700	100	900	7,300	0	0	5,400	400	1,200	3,400	7,100	0	0	0	26,400
2011*	0	0	900	2,600	300	400	8,900	0	0	3,100	100	1,500	900	4,700	0	0	0	23,500
2012*	0	0	100	1,100	200	600	7,600	0	0	6,900	900	1,400	2,100	3,400	0	0	0	24,200
2013*	0	0	300	300	900	500	4,900	0	0	4,400	400	100	1,200	2,600	0	0	0	15,500
2014*	0	0	0	600	700	100	4,400	0	0	1,700	0	200	1,200	2,300	0	0	0	11,100
2015*	0	0	0	900	500	400	3,400	0	0	1,200	400	100	200	3,800	0	0	0	10,900
2016*	0	0	200	1,400	500	500	6,500	0	0	6,000	500	400	2,500	2,700	0	0	0	21,300
2017*	0	0	0	1,400	2,600	1,100	8,800	0	0	5,400	400	0	1,600	1,200	0	0	0	22,500
2018*	0	0	0	800	900	900	10,300	0	0	9,500	1,000	0	1,900	6,300	0	0	0	31,600
2019*	0	0	0	1,100	600	800	5,900	0	0	4,700	500	200	1,700	3,700	0	0	0	19,200
2020*	0	0	100	3,500	2,200	1,200	4,500	0	0	5,900	300	1,000	1,900	2,900	0	0	0	23,400
Averages																		
1999-2000	0	0	0	700	500	500	8,800	0	0	5,600	1,200	600	3,900	4,400	0	0	0	26,000
2001-05	0	0	100	1,100	1,400	1,000	8,700	0	0	6,600	900	2,000	5,800	5,400	0	0	0	32,900
2006-10	0	0	200	1,100	500	1,000	7,300	0	0	6,800	900	1,600	4,000	6,300	0	0	0	29,800
2011-15	0	0	300	1,100	500	400	5,800	0	0	3,500	400	700	1,100	3,400	0	0	0	17,000
2016-20	0	0	100	1,600	1,400	900	7,200	0	0	6,300	500	300	1,900	3,400	0	0	0	23,600

* Preliminary estimates

Estimates of Brant Harvest per Active Brant Hunters in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
1999	0	0	0	0.9	0	2.3	2.8	0	0	3.9	5.1	1.8	1.8	2.2	0	0	0	
2000	0	0	0	2.4	1.7	3.1	4.5	0	0	4.0	5.2	0.4	3.4	0.5	0	0	0	
2001	0	0	0	2.1	1.9	2.7	4.6	0	0	4.0	2.5	3.3	2.0	3.9	0	0	0	
2002	0	0	0	2.8	2.8	4.2	4.3	0	0	5.9	4.1	1.6	3.2	4.4	0	0	0	
2003*	0	0	1.1	4.8	3.4	3.8	5.3	0	0	5.3	3.4	3.5	4.0	4.0	0	0	0	
2004*	0	0	1.7	1.0	3.1	2.3	2.7	0	0	3.1	2.4	2.3	2.1	2.0	0	0	0	
2005*	0	0	0	1.4	2.6	3.0	3.3	0	0	4.0	4.3	2.9	2.5	2.3	0	0	0	
2006*	0	0	0	1.5	0.0	3.5	2.7	0	0	3.8	2.6	4.8	1.8	1.9	0	0	0	
2007*	0	0	1.3	2.0	2.0	3.0	3.0	0	0	5.0	3.0	3.0	1.0	2.0	0	0	0	
2008*	0	0	0.8	1.8	2.5	4.7	5.0	0	0	5.1	4.0	4.4	2.6	2.9	0	0	0	
2009*	0	0	0	2.0	2.0	3.5	4.8	0	0	3.8	2.7	4.3	2.8	4.7	0	0	0	
2010*	0	0	2.0	1.9	2.0	2.8	4.6	0	0	3.1	0.9	4.5	1.9	0.7	0	0	0	
2011*	0	0	1.0	1.0	2.0	3.0	3.0	0	0	3.0	1.0	1.0	1.0	1.0	0	0	0	
2012*	0	0	0	2.4	1.3	2.7	4.8	0	0	4.5	2.6	2.2	2.4	5.3	0	0	0	
2013*	0	0	0	1.3	0	3.5	2.8	0	0	4.3	3.3	1.2	1.8	1.4	0	0	0	
2014*	0	0	1.0	2.0	3.0	2.0	2.4	0	0	1.8	1.0	0	0.7	0.7	0	0	0	
2015*	0	0	0	0.8	1.0	1.9	1.8	0	0	1.2	1.2	0.3	0.0	3.3	0	0	0	
2016*	0	0	2	1.5	1.6	3.1	4.7	0	0	1.6	1.7	1	2.7	0.9	0	0	0	
2017*	0	0	2.0	1.6	2.0	3.3	4.0	0.0	0.0	3.3	2.1	0.0	0.8	1.3	0.0	0.0	0.0	
2018*	0	0	0	1.2	3.7	5.3	5.6	0	0	4.0	2.3	0	2.5	2.3	0	0	0	
2019*	0.0	0.0	0.0	1.4	3.9	1.5	4.1	0.0	0.0	2.3	2.1	0.6	2.3	1.6	0.0	0.0	0.0	
2020*	0.0	0.0	0.0	1.5	2.3	2.4	4.3	0.0	0.0	2.6	2.4	1.3	2.1	0.9	0.0	0.0	0.0	
Averages																		
1999-2000	0	0	0	1.7	0.9	2.7	3.7	0	0	4.0	5.2	1.1	2.6	1.4	0	0	0	
2001-05	0	0																

Estimates of Regular-Season All-duck Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.	
1999	69,300	20,000	15,600	25,500	40,200	10,300	204,200	144,600	3,200	88,600	59,000	190,600	138,000	307,500	139,600	170,200	202,500	1,829,000	7,599,900	2,895,500	3,127,300	15,451,700	
2000	85,300	17,300	14,500	29,800	28,400	10,500	203,300	157,500	6,900	82,200	51,900	199,100	146,800	262,200	178,900	160,500	156,700	1,791,900	7,610,600	3,035,900	2,711,300	15,149,700	
2001	47,400	17,500	15,600	26,300	26,400	8,500	176,500	250,800	3,000	61,900	42,600	182,800	123,700	264,700	164,000	109,400	173,500	1,694,600	6,410,700	3,007,300	2,392,200	13,504,400	
2002	60,400	25,900	19,300	24,700	26,900	7,100	238,000	250,400	6,300	79,000	56,700	185,600	156,300	242,400	169,400	57,900	153,800	1,760,100	5,681,100	2,518,500	2,210,500	12,170,100	
2003*	78,300	16,300	18,700	24,900	28,200	11,200	211,500	124,300	4,800	66,900	62,800	195,700	152,500	199,000	182,700	124,400	106,000	1,608,100	6,171,900	2,329,500	2,504,400	12,613,900	
2004*	51,800	24,300	11,000	30,100	27,400	7,400	185,700	138,100	5,600	58,400	45,400	194,200	136,400	130,500	137,000	79,800	144,600	1,407,700	5,353,300	2,560,600	2,720,600	12,042,100	
2005*	58,600	25,400	14,300	33,300	26,000	11,000	194,700	132,300	4,000	65,000	44,300	151,100	138,300	270,600	163,200	93,800	165,100	1,591,000	5,150,400	2,596,800	2,903,700	12,241,800	
2006*	59,400	19,600	19,400	34,600	20,200	8,500	191,800	123,400	3,600	57,300	41,600	163,300	130,800	237,900	219,600	112,900	154,000	1,597,800	5,930,000	2,234,400	3,480,000	13,242,200	
2007*	54,100	16,700	14,900	23,700	32,000	11,200	228,600	195,400	8,600	73,200	50,100	145,700	149,900	217,700	152,200	96,600	188,000	1,658,600	6,366,700	2,397,100	3,518,600	13,940,900	
2008*	57,300	34,800	16,000	35,400	29,100	6,400	233,000	176,600	7,400	50,700	60,600	165,000	154,900	217,600	192,000	122,700	174,100	1,733,700	6,280,200	1,963,800	3,355,500	13,332,800	
2009*	48,000	25,500	27,700	30,800	16,300	7,700	206,900	125,900	6,900	66,300	46,800	144,900	135,600	213,700	249,400	154,500	173,900	1,680,800	5,843,900	2,288,100	2,862,100	12,652,000	
2010*	39,100	22,900	17,300	24,200	13,600	9,700	179,900	114,200	6,700	69,200	44,900	146,300	169,800	300,100	237,500	218,600	209,200	1,823,300	7,330,000	2,065,500	3,042,800	14,353,400	
2011*	31,300	22,900	20,200	36,000	10,300	1,900	173,900	81,500	6,200	35,800	40,800	119,600	140,900	271,900	216,400	220,100	235,100	1,664,800	7,580,300	2,737,100	3,288,900	15,233,600	
2012*	39,900	20,500	15,900	24,300	16,900	5,400	208,900	91,800	10,300	78,300	50,100	123,100	142,200	397,500	241,600	169,600	267,400	1,903,600	6,918,200	2,732,800	3,289,200	14,781,200	
2013*	36,000	31,900	19,100	17,400	19,200	9,600	222,600	97,700	6,800	73,000	40,700	133,200	139,500	277,500	159,600	113,500	203,200	1,600,600	6,447,700	2,589,800	2,429,100	13,067,200	
2014*	21,600	17,800	13,300	20,900	13,500	4,200	182,900	72,800	1,800	52,500	98,800	94,800	141,300	358,700	197,900	122,400	178,300	1,593,600	6,048,300	2,574,400	2,508,800	12,732,700	
2015*	13,600	14,700	9,600	22,200	11,600	6,000	136,100	69,400	5,800	43,800	27,100	88,500	119,300	309,200	136,100	116,600	170,600	1,300,300	4,570,200	2,019,400	2,574,300	10,464,200	
2016*	27,000	16,000	8,000	24,200	16,900	4,700	150,400	64,800	4,600	66,300	39,700	112,600	126,000	471,000	146,200	135,700	147,000	1,561,100	4,858,600	2,176,000	2,583,000	11,178,900	
2017*	32,200	19,700	9,800	20,800	15,300	7,500	170,300	58,100	4,500	55,100	33,300	116,400	145,200	331,400	181,500	169,300	136,600	1,507,800	5,118,800	2,187,600	2,710,000	11,578,600	
2018*	39,400	16,200	13,700	25,400	16,600	8,900	142,300	63,600	3,500	54,500	29,000	156,500	140,700	472,200	152,900	117,000	132,900	1,585,000	3,798,700	2,047,400	2,948,700	10,380,400	
2019*	22,900	18,100	8,700	30,100	12,600	6,900	151,400	62,200	4,700	44,600	26,100	116,800	121,400	229,400	128,300	108,400	126,200	1,219,000	3,989,800	1,872,600	2,188,300	9,269,900	
2020*	40,600	19,500	9,600	27,500	13,300	8,100	123,900	55,300	5,000	46,700	38,400	125,900	128,800	321,500	136,700	119,000	116,800	1,336,300	4,145,500	2,447,200	2,580,700	10,512,500	
Averages																							
1999-2000	77,300	18,700	15,100	27,700	34,300	10,400	203,800	151,100	5,100	85,400	55,500	194,900	142,400	284,900	159,300	165,400	179,600	1,810,500	7,605,300	2,965,700	2,919,300	15,300,700	
2001-05	59,300	21,900	15,800	27,900	27,000	9,000	201,300	179,200	4,700	66,200	50,400	181,900	141,400	221,400	163,300	93,100	148,600	1,612,300	5,753,500	2,602,500	2,546,300	12,514,500	
2006-10	51,600	23,900	19,100	29,700	22,200	8,700	208,000	147,100	6,600	63,300	48,800	153,000	148,200	237,400	210,100	141,100	179,800	1,698,800	6,350,200	2,189,800	3,251,800	13,504,300	
2011-15	28,500	21,600	15,600	24,200	14,300	5,400	184,900	82,600	6,200	56,700	51,500	111,800	136,600	323,000	190,300	148,400	210,900	1,612,600	6,312,900	2,530,700	2,818,100	13,255,800	
2016-20	32,400	17,900	10,000	25,600	14,900	7,200	147,700	60,800	4,500	53,400	33,300	125,600	132,400	365,100	149,100	129,900	131,900	1,441,800	4,382,300	2,146,200	2,602,100	10,584,100	

* Preliminary estimates

Estimates of Mallard Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	11,100	6,500	6,800	7,900	17,300	2,300	87,900	69,900	1,400	23,400	10,300	51,000	49,500	38,500	34,100	25,700	700	444,100	3,136,900	995,500	1,318,500	5,894,900
2000	11,000	8,300	6,300	9,900	12,000	3,600	100,100	86,900	2,700	27,000	12,800	72,200	55,900	63,500	29,500	20,900	500	523,000	3,272,700	1,036,000	1,237,500	6,069,100
2001	8,200	9,200	5,900	6,700	11,800	1,400	81,700	127,000	1,500	16,100	15,200	69,500	43,300	39,900	21,400	12,300	1,500	472,700	2,796,000	1,178,400	1,031,600	5,478,700
2002	13,700	14,100	7,400	9,300	13,600	1,000	108,500	125,700	3,300	20,900	19,900	62,800	59,600	44,300	23,600	10,500	700	538,800	2,374,300	1,013,600	906,800	4,833,600
2003*	12,000	6,800	7,000	7,400	11,700	2,100	88,900	60,300	2,500	13,700	21,500	77,400	43,000	25,300	32,500	15,000	100	427,300	2,482,400	962,100	1,058,300	4,930,100
2004*	12,200	10,900	5,200	9,200	11,900	1,400	85,400	71,600	3,100	15,800	21,100	69,800	41,000	30,500	22,500	10,200	300	422,000	2,199,900	969,400	940,200	4,531,500
2005*	16,900	10,700	5,900	10,700	13,900	2,200	79,600	66,500	1,400	20,100	18,500	50,700	53,500	63,000	24,800	5,000	800	444,300	2,049,400	868,100	1,105,100	4,466,900
2006*	12,200	8,000	6,200	10,300	10,100	2,100	83,400	65,500	1,500	15,800	13,700	54,300	39,900	32,500	35,900	6,600	1,700	399,700	2,286,300	710,000	1,272,200	4,668,000
2007*	12,700	7,600	6,000	7,200	15,700	2,600	92,000	92,300	4,200	20,300	16,200	41,200	47,500	32,900	26,800	3,200	1,400	429,900	2,514,100	806,700	1,127,500	4,878,300
2008*	11,300	17,100	4,600	11,400	13,200	1,600	114,400	94,200	4,500	14,400	22,600	61,600	58,600	39,700	25,200	8,900	300	503,500	2,281,800	676,800	1,092,100	4,554,100
2009*	12,700	10,100	11,200	8,500	6,300	1,500	91,300	56,300	3,800	20,300	18,000	49,600	39,200	36,800	34,500	19,100	300	419,500	2,075,900	721,500	917,900	4,134,600
2010*	8,400	7,000	5,900	5,900	5,200	2,200	73,400	50,700	4,000	18,400	15,100	36,600	60,000	33,000	33,600	34,300	800	394,400	2,228,900	603,200	907,000	4,166,000
2011*	7,400	9,600	4,900	9,900	3,900	500	70,300	40,900	3,100	5,700	11,200	32,500	34,900	36,500	24,800	18,500	1,200	315,900	2,240,200	773,200	1,079,600	4,409,000
2012*	14,000	9,800	4,800	5,100	6,700	600	86,100	37,900	6,100	12,300	10,700	24,500	25,300	43,100	19,800	18,000	1,400	326,300	1,882,600	763,100	964,100	3,934,500
2013*	10,200	12,700	5,800	5,000	6,800	1,500	91,500	38,500	3,800	15,500	10,800	35,100	33,200	24,400	18,100	14,100	1,200	328,000	1,836,800	740,100	732,500	3,637,400
2014*	9,200	8,300	3,900	5,500	5,300	500	78,200	28,700	1,000	10,000	12,000	30,600	41,300	34,200	18,100	6,900	500	294,100	1,992,500	813,500	803,400	3,903,400

Estimates of American Black Duck Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF**	CF	PF	U.S.
1999	11,900	1,900	1,700	4,000	5,700	2,200	18,600	7,100	0	16,500	4,500	8,500	10,300	6,000	1,400	1,600	100	102,000	57,700	-	-	159,700
2000	9,100	2,100	2,400	5,300	3,800	2,100	23,400	9,600	700	13,100	7,200	18,100	10,700	6,200	1,700	600	100	116,100	58,400	-	-	174,500
2001	6,200	1,900	1,700	4,000	3,200	1,000	18,200	13,900	100	13,600	3,200	14,000	9,100	3,500	1,900	200	100	95,900	31,800	-	-	127,700
2002	8,400	3,100	2,500	4,400	2,600	900	26,400	15,300	500	12,700	6,300	20,800	15,200	4,800	1,300	200	100	125,500	47,800	-	-	173,700
2003*	5,000	1,800	2,600	2,700	4,500	1,200	20,000	7,000	400	12,800	5,700	15,800	9,700	4,900	500	500	0	95,100	33,200	-	-	128,400
2004*	5,800	1,900	1,100	1,800	3,100	1,100	15,400	5,600	600	8,200	4,200	16,000	7,100	2,400	700	0	0	74,900	35,700	-	-	110,600
2005*	7,600	2,300	1,600	3,100	3,600	1,500	23,700	7,100	200	11,000	5,400	11,400	9,300	4,300	1,000	300	0	93,400	36,400	-	-	129,900
2006*	5,400	1,500	1,900	4,700	3,000	1,500	21,000	8,000	200	12,100	6,300	14,000	7,200	5,500	1,100	0	0	93,400	35,800	-	-	129,200
2007*	5,000	1,200	1,500	3,900	3,400	2,300	22,700	12,100	600	12,800	5,800	10,500	10,900	4,100	2,000	0	0	98,700	38,700	-	-	137,400
2008*	4,700	2,200	1,200	5,200	3,300	1,000	21,200	7,900	300	7,300	7,300	12,600	11,100	3,100	1,200	600	100	90,200	29,600	-	-	120,200
2009*	5,400	1,700	3,700	4,500	1,700	1,000	17,900	5,100	400	9,900	6,100	10,900	8,100	3,300	1,400	0	200	81,300	30,400	-	-	111,900
2010*	3,400	2,000	1,800	2,700	1,500	1,300	17,300	7,400	800	11,800	8,200	12,500	12,900	5,200	2,400	1,100	100	92,200	27,100	-	-	119,600
2011*	2,100	1,400	2,000	4,500	700	400	15,900	4,700	400	8,600	3,200	8,000	9,800	3,800	700	0	0	66,200	22,000	-	-	88,400
2012*	3,300	2,200	1,600	2,200	1,600	1,100	16,800	5,500	1,000	16,700	4,800	3,700	9,500	3,100	500	400	0	73,900	20,700	-	-	94,600
2013*	3,500	2,600	2,200	2,700	1,900	1,400	18,200	6,800	500	12,200	4,600	9,500	5,900	2,100	800	100	0	75,100	25,000	-	-	100,200
2014*	2,300	1,100	700	2,500	1,800	500	16,300	4,000	100	8,000	3,800	4,600	6,300	3,800	700	0	100	56,500	15,900	-	-	72,400
2015*	800	1,000	700	1,900	700	600	9,800	4,000	100	4,800	2,900	6,400	6,300	5,400	600	0	0	46,000	16,300	-	-	62,200
2016*	2,700	800	800	2,100	1,200	400	11,500	2,700	200	9,900	6,300	6,500	6,800	7,900	900	0	100	60,900	26,000	-	-	86,800
2017*	2,900	2,300	600	2,300	1,600	1,500	18,800	3,200	300	9,700	7,200	10,300	11,200	13,200	400	0	0	85,800	17,900	-	-	103,600
2018*	5,600	1,600	1,000	3,700	1,300	1,300	13,000	4,300	200	8,400	4,200	7,500	5,700	12,900	1,100	0	0	71,800	16,000	-	-	88,200
2019*	2,700	1,300	800	3,000	1,200	900	13,000	3,900	400	5,200	3,300	8,700	10,300	3,800	1,000	0	0	59,300	20,400	-	-	79,800
2020*	3,500	2,200	1,200	3,400	2,000	1,100	9,200	2,300	200	5,800	6,000	13,800	10,400	2,600	500	200	0	64,300	16,700	-	-	81,000
Averages																						
1999-2000	10,500	2,000	2,050	4,700	4,800	2,200	21,000	8,400	400	14,800	5,900	13,300	10,500	6,100	1,600	1,100	100	109,100	58,100	-	-	167,100
2001-05	6,600	2,200	1,900	3,200	3,400	1,100	20,700	9,800	400	11,700	5,000	15,600	10,100	4,000	1,100	200	40	97,000	37,000	-	-	134,100
2006-10	4,800	1,700	2,000	4,200	2,600	1,400	20,000	8,100	500	10,800	6,700	12,100	10,000	4,200	1,600	300	100	91,200	32,300	-	-	123,700
2011-15	2,400	1,700	1,400	2,800	1,300	800	15,400	5,000	400	10,100	3,900	6,400	7,600	3,600	700	100	0	63,500	20,000	-	-	83,600
2016-20	3,500	1,600	900	2,900	1,500	1,000	13,100	3,300	300	7,800	5,400	9,400	8,900	8,100	800	0	0	68,400	19,400	-	-	87,900

* Preliminary estimates

** For flyway estimates prior to 2015 please see the flyway-specific databook

Estimates of Mottled Duck Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF**	CF**	PF	U.S.
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	5,200	5,600	-	-	-	-
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	300	7,800	9,100	-	-	-	-
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	400	1,400	200	13,100	15,100	-	-	-	-
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	700	200	12,100	13,000	-	-	-	-
2003*	0	0	0	0	0	0	0	0	0	0	0	0	100	0	1,800	200	8,300	10,400	-	-	-	-
2004*	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	0	15,100	15,300	-	-	-	-
2005*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	0	10,400	10,600	-	-	-	-
2006*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	500	200	13,100	13,800	-	-	-	-
2007*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,100	200	11,500	12,900	-	-	-	-
2008*	0	0	0	0	0	0	0	0	0	0	0	0	0	100	800	0	14,100	15,000	-	-	-	-
2009*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,600	2,300	14,300	19,100	-	-	-	-
2010*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	700	0	13,900	14,600	-	-	-	-
2011*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,800	400	10,600	13,800	-	-	-	-
2012*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,900	7,900	-	-	-	-
2013*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	300	9,100	10,100	-	-	-	-
2014*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	900	300	6,400	7,600	-	-	-	-
2015*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,100	0	8,500	9,611	13,700	6,300	-	29,600
2016*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,100	0	7,400	8,500	10,900	4,400	-	23,700
2017*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	7,100	7,600	9,100	4,900	-	21,700
2018*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0	9,900	11,200	11,300	1,900	-	24,300
2019*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300	0	7,500	8,700	9,600	4,200	-	22,500
2020*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	0	9,400	9,600	11,600	8,300	-	29,500
Averages																						
1999-2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	300	6,500	7,400	-	-	-	-
2001-05	0	0	0	0	0	0	0	0	0	0	0	0	20	100	800	100	11,800	12,900	-	-	-	-
2006-10	0	0	0	0	0	0	0	0	0	0	0	0	0	20	1,140	540	13,380	15,100	-	-	-	-
2011-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,100	200	8,500	9,800	2,700	1,300	-	5,900
2016-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800	0	8,300	9,100	10,500	4,700	-	24,300

* Preliminary estimates

** For flyway estimates prior to 2015 please see the flyway-specific databook

Estimates of Gadwall Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	0	0	0	800	500	1,100	3,300	1,400	100	800	3,800	11,100	5,900	14,000	11,300	3,700	4,500	62,200	1,069,100	556,600	133,800	1,821,700
2000	0	0	100	200	900	200	2,300	800	100	1,500	2,500	8,000	14,700	16,100	6,600	9,000	4,400	67,500	1,267,000	609,400	132,500	2,076,400
2001	0	0	0	100	300	100	1,800	1,100	0	500	1,500	3,800	6,000	7,100	7,200	3,900	400	33,800	845,700	491,800	122,400	1,493,700
2002	0	100	0	100	200	0	2,600	1,600	0	1,300	2,900	3,700	11,000	10,500	2,000	3,300	500	39,800	661,700	411,600	119,000	1,232,100
2003*	100	100	0	100	200	300	2,100	2														

Estimates of American Green-winged Teal Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	12,900	5,100	1,600	1,400	4,900	400	22,500	9,300	100	15,200	28,400	41,200	11,400	37,300	16,900	8,200	24,700	241,600	298,900	107,200	59,000	522,200
2000	8,800	2,400	800	1,300	1,600	200	12,200	6,000	100	16,000	19,500	25,300	9,300	29,700	25,400	11,000	21,500	190,800	279,700	126,300	38,400	501,200
2001	2,900	1,200	700	1,300	1,200	300	12,600	7,500	0	11,900	12,900	25,900	11,000	23,200	18,100	6,700	11,500	149,100	362,600	123,700	42,800	582,000
2002	8,100	1,900	1,300	1,300	600	300	15,100	11,900	300	13,200	10,500	17,300	5,600	28,900	15,500	4,700	22,200	158,600	326,800	133,600	45,700	554,300
2003*	5,200	2,100	1,200	2,000	500	300	14,200	7,100	100	9,900	18,400	16,300	10,900	22,100	12,500	4,600	9,400	137,200	303,100	109,500	57,400	505,000
2004*	2,800	2,500	800	1,200	1,100	100	10,700	5,000	100	7,700	7,700	22,700	11,600	9,000	17,400	3,800	11,000	115,000	259,200	132,600	72,000	530,100
2005*	3,100	2,700	1,200	1,100	1,100	100	11,600	6,100	0	5,400	4,900	13,400	8,200	25,400	15,400	4,300	16,700	120,700	213,800	119,600	76,600	471,700
2006*	4,300	3,300	1,200	2,500	800	200	14,300	6,400	100	7,500	9,500	12,000	11,300	28,600	21,100	9,600	21,800	154,600	248,700	100,500	72,100	474,100
2007*	6,100	2,500	1,100	1,400	2,400	300	17,200	11,400	300	10,700	9,700	13,100	5,400	20,500	21,700	7,700	25,500	157,000	322,800	118,100	58,100	566,700
2008*	7,900	4,300	1,100	1,300	2,200	100	14,100	10,000	100	7,200	11,400	16,300	10,100	27,000	19,000	1,100	15,600	149,000	322,800	92,900	52,700	535,500
2009*	4,900	3,300	1,100	1,500	900	70	11,800	6,500	30	7,800	5,700	13,100	7,700	23,400	26,200	10,200	11,500	135,600	487,900	129,300	46,600	760,900
2010*	3,200	2,600	1,200	1,500	500	0	8,800	5,100	0	7,900	10,300	7,900	5,900	47,100	18,700	7,400	20,400	148,500	341,900	107,600	58,800	600,700
2011*	2,000	2,200	1,000	1,800	500	100	13,000	4,000	200	5,600	10,800	5,400	5,500	22,300	17,200	7,700	12,800	112,100	326,500	145,900	52,700	618,000
2012*	2,300	2,400	1,100	700	900	0	13,400	4,100	0	6,600	14,900	5,400	14,900	28,900	11,300	9,900	12,500	129,500	377,400	97,200	40,600	598,700
2013*	4,600	4,200	1,100	500	700	100	10,700	5,900	400	5,900	8,800	6,600	8,000	22,100	14,900	9,500	9,200	113,100	534,800	224,500	43,200	857,800
2014*	1,500	1,500	700	700	400	0	10,100	2,500	0	4,300	4,000	5,400	5,700	39,300	21,000	11,000	7,100	115,300	263,000	163,100	32,400	501,300
2015*	1,200	1,700	100	1,300	800	100	9,600	3,000	0	5,200	6,500	7,100	5,900	19,400	15,600	7,200	3,600	88,100	522,200	207,400	452,000	1,269,700
2016*	1,900	2,300	300	400	300	100	7,400	1,200	100	4,900	6,000	3,500	2,600	38,800	14,500	16,500	14,900	115,500	626,400	286,000	539,400	1,567,300
2017*	1,600	700	500	800	200	200	7,000	2,800	100	3,500	4,500	7,300	4,300	33,900	22,600	5,600	4,700	100,500	709,200	340,800	533,600	1,689,200
2018*	1,100	900	600	800	300	100	5,800	3,600	100	2,400	2,200	6,100	4,600	48,900	18,500	1,800	3,300	101,300	448,200	252,200	546,500	1,348,100
2019*	1,900	1,600	200	700	100	300	7,900	1,700	100	800	3,900	2,900	4,700	14,800	11,400	1,000	2,300	56,400	430,800	235,300	428,200	1,150,700
2020*	2,100	2,200	600	800	600	0	10,400	1,600	300	3,400	8,500	7,000	9,600	41,700	9,600	600	2,200	101,200	467,100	345,800	475,900	1,390,100
Averages																						
1999-2000	10,900	3,800	1,200	1,400	3,300	300	17,400	7,700	100	15,600	24,000	33,300	10,400	33,500	21,200	9,600	23,100	216,200	289,300	116,800	48,700	511,700
2001-05	4,400	2,100	1,000	1,400	900	200	12,800	7,500	100	9,600	10,900	19,100	9,500	21,700	15,800	4,800	14,200	136,100	293,100	123,800	58,900	528,600
2006-10	5,300	3,200	1,100	1,600	1,400	100	13,200	7,900	100	8,200	9,300	12,500	8,100	29,300	21,300	7,200	19,000	148,900	344,800	109,700	57,700	587,600
2011-15	2,300	2,400	800	1,000	700	100	11,400	3,900	100	5,500	9,000	6,000	8,000	26,400	16,000	9,100	9,000	111,600	404,800	167,600	124,200	769,100
2016-20	1,700	1,500	400	700	300	100	7,700	2,200	100	3,000	5,000	5,400	5,200	35,600	15,300	5,100	5,500	95,000	536,300	292,000	504,700	1,429,100

* Preliminary estimates

Estimates of Blue-winged Teal Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	900	400	100	0	100	100	2,700	900	100	200	2,000	5,800	500	5,600	8,900	4,200	49,400	81,900	889,500	339,000	529,700	1,990,800
2000	200	100	100	0	0	0	1,500	300	300	100	1,800	2,000	1,200	3,700	10,300	2,700	54,000	78,200	669,300	317,900	418,300	1,588,700
2001	500	0	0	0	0	0	1,400	1,900	100	200	700	6,100	1,000	6,700	6,100	6,000	41,600	72,400	576,000	301,500	334,800	1,353,800
2002	200	100	0	0	0	0	800	1,300	100	100	400	1,900	400	3,000	4,500	1,600	47,000	61,300	530,800	286,300	347,500	1,321,000
2003*	500	0	0	0	0	0	1,000	700	100	100	500	1,200	500	2,100	4,800	3,800	30,500	45,900	671,400	253,700	368,600	1,427,700
2004*	0	200	0	0	0	0	1,100	100	0	0	400	1,000	200	1,600	8,500	3,800	56,000	73,000	484,800	262,200	487,200	1,346,900
2005*	900	700	100	100	0	0	2,000	1,900	100	300	100	1,900	1,200	3,200	14,300	3,800	46,700	77,100	504,600	343,300	509,000	1,475,100
2006*	300	200	100	0	0	0	400	300	100	0	300	1,800	700	2,300	8,200	8,200	47,600	70,600	632,000	252,100	562,700	1,596,500
2007*	300	100	0	0	0	0	1,200	1,000	300	100	200	700	400	2,100	11,400	5,400	66,400	89,700	771,600	341,500	631,100	1,899,900
2008*	600	100	0	0	0	0	900	300	100	0	0	2,600	800	500	6,500	300	59,900	72,500	841,400	292,600	674,800	1,953,800
2009*	400	300	100	0	0	0	1,100	1,600	0	100	400	4,000	1,200	2,500	16,000	8,800	78,000	114,500	747,500	243,900	539,100	1,662,900
2010*	800	300	200	0	0	100	1,000	500	0	0	100	1,900	2,900	4,100	16,100	4,800	86,600	119,300	1,045,500	252,700	540,300	1,993,600
2011*	700	200	100	300	0	0	4,500	1,200	300	100	300	2,300	3,500	6,700	20,600	17,200	76,600	134,400	987,000	309,600	507,800	1,914,000
2012*	900	100	100	100	0	0	1,600	1,300	0	300	800	0	3,300	13,700	15,300	16,200	79,800	133,600	898,200	374,300	559,900	1,952,300
2013*	1,200	700	200	100	0	0	1,700	400	100	200	300	400	1,200	5,700	3,500	9,600	50,400	75,700	835,600	320,500	418,000	1,685,800
2014*	500	0	0	0	0	0	2,400	400	0	100	0	200	1,300	7,100	5,400	6,200	39,100	62,600	892,400	335,100	380,900	1,721,800
2015*	100	200	0	0	100	0	600	700	100	0	0	200	1,000	1,800	3,400	1,900	45,400	55,600	273,200	165,400	28,500	522,600
2016*	200	200	100	0	0	0	400	200	0	200	0	400	700	5,700	3,400	1,200	33,000	45,700	202,400	136,700	44,000	428,800
2017*	0	100	0	0	100	0	400	700	0	0	500	1,200	200	5,100	6,000	1,000	40,900	56,200	295,900	124,700	58,800	535,600
2018*	0	0	0	0	100	0	400	0	0	0	100	300	600	4,000	5,500	1,800	39,400	52,100	234,000	190,100	50,500	526,700
2019*	200	100	0	0	0	0	400	600	0	0	100	1,000	1,700	2,600	5,500	8,800	46,400	63,900	217,100	58,200	39,400	378,600
2020*	600	200	0	0	0	0	1,200	800	200	100	0	1,100	1,100	4,400	2,500	200	24,900	37,500	308,400	141,400	43,600	530,900
Averages																						
1999-2000	600	300	100	0	100	100	2,100	600	200	200	1,900	3,900	900	4,700	9,600	3,500	51,700	80,100	779,400	328,500	474,000	1,789,800
2001-05	400	200	0	0	0	0	1,300	1,200	100	100	400	2,400	700	3,300	7,600	3,800	44,400	65,900	553,500	289,400	409,400	1,384,900
2006-10																						

Estimates of Northern Shoveler Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	0	100	0	0	0	0	600	300	0	500	1,400	1,500	1,100	2,400	2,100	1,100	6,200	17,400	201,100	121,300	192,800	532,500
2000	0	100	0	0	0	0	300	400	0	100	2,300	1,500	1,300	3,000	2,600	1,100	5,300	17,900	196,300	102,200	131,800	448,200
2001	0	0	0	0	0	0	400	600	0	1,100	1,000	800	600	3,800	3,500	600	9,000	21,500	235,900	133,200	148,600	539,200
2002	100	100	0	0	0	0	900	500	0	500	1,800	900	500	2,700	1,700	500	4,500	14,700	126,500	87,600	140,200	368,900
2003*	0	100	0	0	0	0	700	200	0	500	3,100	600	500	1,400	2,500	1,000	2,200	12,700	207,000	88,300	157,700	465,700
2004*	0	100	0	100	0	0	300	0	0	300	1,600	400	600	2,100	900	1,100	2,500	9,900	158,900	104,500	206,200	479,400
2005*	100	100	0	0	0	0	1,000	200	0	300	1,300	600	700	3,900	1,800	500	8,100	18,700	195,200	137,800	189,900	541,700
2006*	0	0	0	0	0	0	400	200	0	200	1,200	200	800	1,700	2,000	0	5,700	12,500	225,100	104,400	301,400	643,300
2007*	0	0	0	0	0	0	900	300	0	500	900	400	800	2,000	2,900	500	5,800	15,000	289,100	141,200	369,400	814,800
2008*	100	100	0	0	0	0	500	200	0	200	600	700	400	3,600	2,000	0	3,200	11,400	251,500	65,200	259,200	587,300
2009*	0	100	0	100	0	100	400	200	0	500	1,300	1,000	900	2,800	8,600	0	3,300	19,200	283,000	138,700	202,600	643,500
2010*	0	200	0	0	0	0	600	100	0	300	400	1,400	1,800	8,400	3,500	3,200	9,800	29,700	475,100	140,200	286,600	934,600
2011*	100	0	0	100	0	0	100	100	0	0	1,100	1,000	1,500	5,000	9,600	3,900	9,500	32,100	375,100	174,700	334,700	916,700
2012*	0	100	0	0	0	0	1,100	400	0	300	2,100	200	2,100	11,100	6,900	1,100	7,800	33,000	390,700	155,000	373,700	952,400
2013*	0	100	0	0	0	0	1,200	0	0	500	1,700	2,600	1,500	6,600	6,300	300	7,000	27,900	355,400	173,500	265,100	821,900
2014*	0	0	0	0	0	0	1,100	400	0	200	2,200	1,300	800	14,100	6,600	1,200	11,600	39,500	294,100	142,500	228,600	704,800
2015*	0	100	0	0	0	0	800	300	0	200	900	600	1,200	11,100	4,000	500	3,100	22,700	155,100	84,800	281,300	544,000
2016*	0	0	0	0	0	0	700	200	0	700	1,000	800	4,000	13,400	2,700	1,200	5,600	30,300	193,800	106,800	173,000	503,900
2017*	100	100	0	0	0	0	600	100	0	400	1,000	1,500	700	10,700	4,000	3,600	3,500	26,300	237,100	110,500	210,500	585,500
2018*	0	0	0	0	0	0	200	0	0	0	1,400	1,700	900	9,300	3,100	800	3,200	20,600	127,100	88,000	198,600	434,300
2019*	100	0	0	0	0	0	500	0	0	0	1,500	300	100	1,900	3,600	200	1,800	10,100	141,900	129,800	168,800	450,600
2020*	0	100	0	0	0	0	800	100	0	400	1,900	800	800	9,000	1,600	400	1,500	17,400	169,600	157,400	224,100	568,400
Averages																						
1999-2000	0	100	0	0	0	0	500	400	0	300	1,900	1,500	1,200	2,700	2,400	1,100	5,800	17,700	198,700	111,800	162,300	490,400
2001-05	0	100	0	0	0	0	700	300	0	500	1,800	700	600	2,800	2,100	700	5,300	15,500	184,700	106,500	147,000	479,000
2006-10	0	100	0	0	0	0	600	200	0	300	900	700	900	3,700	3,800	700	5,600	17,600	304,800	117,900	283,800	724,700
2011-15	0	100	0	0	0	0	900	200	0	200	1,600	1,100	1,400	9,600	6,700	1,400	7,800	31,000	314,100	146,100	296,700	788,000
2016-20	0	0	0	0	0	0	600	100	0	300	1,400	1,000	1,300	8,900	3,000	1,200	3,100	20,900	173,900	118,500	195,000	508,500

* Preliminary estimates

Estimates of Northern Pintail Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	500	400	100	100	200	0	3,500	300	0	1,200	2,800	3,200	1,100	6,700	300	300	4,200	25,100	153,300	129,900	230,400	538,700
2000	400	200	100	0	0	0	2,100	500	0	1,500	1,000	4,000	1,400	4,900	1,900	100	1,900	20,000	153,000	135,900	203,000	512,000
2001	100	300	0	100	100	100	2,100	600	0	1,400	1,300	3,400	1,400	6,000	400	600	2,700	20,600	125,100	136,100	159,800	441,600
2002	500	300	100	100	100	0	4,200	800	0	600	2,400	1,600	1,100	3,500	500	200	1,500	17,200	99,800	60,700	130,200	307,900
2003*	400	100	100	0	100	0	2,600	200	0	600	2,000	3,200	1,300	4,400	1,400	500	1,100	18,100	119,000	55,600	144,000	336,800
2004*	200	400	0	0	0	0	1,900	500	0	500	1,600	1,200	900	1,700	300	0	900	10,300	90,500	63,300	147,000	311,100
2005*	400	100	0	200	100	0	2,200	400	0	900	1,600	1,400	500	3,900	200	0	5,500	17,300	107,300	78,900	208,500	412,000
2006*	100	200	100	100	200	0	3,000	200	0	500	1,900	1,500	500	7,600	1,100	200	3,000	20,300	104,300	66,400	239,400	430,300
2007*	300	200	100	100	0	0	2,600	2,000	0	900	1,200	1,000	800	4,100	1,800	0	3,900	19,100	162,400	88,200	259,400	529,200
2008*	100	500	100	400	100	0	2,800	800	0	1,200	2,400	1,300	3,500	4,500	2,400	300	1,200	21,500	158,200	72,200	284,700	536,400
2009*	200	500	0	100	0	0	1,700	500	0	400	1,800	1,000	1,600	4,000	500	2,800	200	15,100	106,700	91,000	286,000	498,800
2010*	200	300	100	0	100	100	2,500	200	0	300	2,000	500	2,500	7,800	4,000	0	2,800	23,500	196,200	117,000	357,800	704,700
2011*	0	100	100	100	0	0	1,900	100	0	400	1,300	1,000	1,400	7,100	3,000	0	1,500	18,000	212,500	187,600	391,500	809,500
2012*	0	200	0	100	100	0	1,800	300	0	100	1,300	600	1,000	5,200	500	0	1,600	12,600	156,600	156,400	357,800	683,400
2013*	300	100	100	0	100	0	4,500	100	100	500	700	1,200	1,700	8,500	2,500	400	500	21,400	155,100	130,700	231,200	538,300
2014*	400	200	0	100	100	0	3,100	400	0	1,200	900	2,500	500	4,400	900	400	2,600	17,700	115,600	107,600	230,500	471,500
2015*	100	200	0	0	100	0	2,600	100	0	500	800	2,100	900	8,200	1,100	0	700	17,500	95,700	84,600	249,400	447,200
2016*	100	200	0	0	0	100	3,500	200	0	200	400	2,900	1,400	9,300	1,200	1,500	4,400	25,400	101,500	108,800	231,800	467,500
2017*	200	300	100	0	0	0	3,400	500	0	100	1,000	1,600	1,500	5,600	1,200	0	700	16,300	134,600	102,500	200,000	456,900
2018*	400	100	0	0	100	0	1,200	300	0	400	800	1,400	600	10,000	1,600	0	700	17,500	68,900	63,400	270,100	420,000
2019*	100	100	0	100	0	0	2,000	200	0	0	1,000	200	1,000	2,800	400	0	1,100	9,000	74,600	72,500	161,700	317,700
2020*	200	500	100	0	100	0	2,500	300	0	500	2,100	1,800	1,100	8,600	0	200	900	19,000	100,100	103,900	185,100	408,100
Averages																						
1999-2000	500	300	100	100	100	0	2,800	400	0	1,400	1,900	3,600	1,300	5,800	1,100	200	3,100	22,600	153,200	132,900	216,700	525,400
2001-05	300	200	0	100	100	0	2,600	500	0	800	1,800	2,200	1,000	3,900	600	300	2,300	16,700	108,300	78,900	157,900	361,900
2006-10	200	300	100	100	100	0	2,500	700	0	700	1,900	1,100	1,800	5,600	2,000	700	2,200	19,900	145,600	87,000	285,500	539,900
2011-15	200	200	0	100	100	0	2,800	200	0	500	1,000	1,500	1,100	6,700	1,600	200	1,400	17,400	147,100	133,400	292,100	590,000
2016-20	200	200	0	0	0	0	2,500	300	0	200	1,100	1,600	1,100	7,300	900	300	1,600	17,400	95,900	90,200	209,700	414,000

* Preliminary estimates

Estimates of Regular-Season Wood Duck Harvest in the Atlantic Flyway

Year	ME	VT	NH
------	----	----	----

Estimates of Canvasback Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.	
1999	0	0	0	100	100	0	600	200	0	200	0	2,500	200	1,100	0	300	300	5,600	40,500	33,600	20,100	99,800	
2000	0	0	0	100	300	100	1,600	100	0	400	0	8,200	2,400	1,800	400	600	600	16,500	49,200	27,000	20,000	112,600	
2001	0	0	0	0	100	0	100	0	0	0	0	500	300	200	100	200	0	1,600	11,600	14,000	9,500	36,600	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	1,200	1,200	3,000	
2003*	0	0	0	0	100	0	600	100	0	0	0	2,600	900	100	0	200	100	4,700	9,800	8,000	11,400	33,900	
2004*	0	0	0	0	0	0	600	0	0	100	0	7,500	1,100	300	100	0	0	9,800	10,800	8,900	15,000	44,500	
2005*	0	0	0	0	0	0	300	0	0	0	100	1,900	800	200	0	800	400	4,400	32,800	17,500	9,700	64,400	
2006*	0	0	0	0	0	0	100	0	0	0	0	100	600	200	0	0	200	1,200	45,600	18,000	27,000	91,900	
2007*	0	0	0	0	0	0	400	100	0	0	100	1,900	900	700	400	200	2,100	7,000	56,400	15,300	46,500	125,200	
2008*	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1,200	15,900	1,000	18,200	
2009*	0	0	0	0	0	0	900	100	0	200	200	3,100	1,700	400	500	500	0	7,400	27,800	17,300	17,900	70,400	
2010*	0	0	0	0	0	0	700	100	0	0	100	13,500	5,600	700	900	1,100	300	23,000	72,700	24,800	25,200	145,700	
2011*	0	0	0	0	0	0	100	0	0	0	0	2,900	500	0	1,400	400	0	5,300	68,400	42,000	25,100	140,900	
2012*	0	0	0	0	0	0	300	0	0	0	600	1,700	300	300	300	0	400	3,900	52,100	26,800	34,500	117,200	
2013*	0	0	0	0	0	0	200	100	100	0	200	4,600	3,900	2,300	200	700	800	13,100	76,100	32,000	38,500	159,700	
2014*	0	0	0	0	0	0	300	0	0	0	0	1,100	800	300	500	1,500	1,000	5,600	43,600	35,000	24,100	108,300	
2015*	0	0	0	0	0	0	100	0	0	100	200	500	400	400	0	200	100	1,900	30,700	21,700	31,900	86,200	
2016*	0	0	0	0	0	0	100	0	0	0	0	1,900	600	500	100	700	600	4,500	45,300	24,700	26,500	101,000	
2017*	0	0	0	0	0	0	200	200	0	0	0	5,000	2,700	1,700	200	700	0	10,700	40,100	28,300	20,900	100,000	
2018*	0	0	0	0	0	0	1,400	0	0	200	0	13,000	2,700	1,300	900	800	400	20,700	30,600	16,400	23,600	91,400	
2019*	0	0	0	0	0	0	100	200	0	0	100	800	100	0	0	0	200	1,600	30,000	20,100	21,200	72,900	
2020*	0	0	0	0	0	0	200	0	0	100	0	1,000	1,100	0	0	4,700	200	7,400	32,100	24,300	33,500	97,300	
Averages																							
1999-2000	0	0	0	100	200	100	1,100	200	0	300	0	5,400	1,300	1,500	200	500	500	11,100	44,900	30,300	20,100	106,200	
2001-05	0	0	0	0	0	0	300	0	0	0	0	2,500	600	200	0	200	100	4,100	13,100	9,900	9,400	36,500	
2006-10	0	0	0	0	0	0	400	100	0	0	100	3,700	1,800	400	400	400	500	7,700	40,700	18,300	23,500	90,300	
2011-15	0	0	0	0	0	0	200	0	0	0	200	2,200	1,200	700	500	600	500	6,000	54,200	31,500	30,800	122,500	
2016-20	0	0	0	0	0	0	400	100	0	100	0	4,300	1,400	700	200	1,400	300	9,000	35,600	22,800	25,100	92,500	

* Preliminary estimates

Estimates of Greater Scaup Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.	
1999	100	0	0	0	0	0	2,500	100	0	600	0	4,000	0	700	0	0	200	8,300	9,300	2,800	19,400	39,700	
2000	100	0	0	0	100	500	2,300	100	0	800	0	6,100	500	1,200	700	100	300	12,800	19,100	2,400	19,400	53,800	
2001	0	200	100	0	0	200	1,600	900	0	200	300	800	200	1,800	100	200	1,900	8,500	8,600	1,800	15,400	34,600	
2002	100	0	0	200	0	600	6,600	1,800	0	700	100	3,100	1,300	1,600	700	200	500	17,600	29,200	3,700	20,000	70,600	
2003*	0	0	0	100	700	400	6,300	800	0	3,600	0	3,700	500	1,000	0	200	100	17,300	13,000	1,300	16,100	47,800	
2004*	0	100	0	0	300	100	2,400	2,800	0	6,200	100	2,300	1,100	700	100	0	600	16,800	28,100	3,700	23,000	71,500	
2005*	0	200	0	0	200	100	2,900	2,100	0	2,100	100	6,100	700	3,400	200	0	200	18,200	24,800	2,500	12,400	58,000	
2006*	200	100	0	0	0	0	3,800	500	0	800	0	1,900	1,500	1,100	0	400	300	10,500	21,500	2,700	13,100	47,800	
2007*	0	100	0	100	0	400	4,200	1,600	0	1,300	100	3,100	500	700	400	0	700	13,200	22,000	3,000	32,800	70,800	
2008*	0	100	0	0	200	100	3,600	200	0	600	100	4,400	100	700	300	0	200	10,600	24,700	2,700	11,500	49,500	
2009*	100	100	0	100	0	200	3,500	300	0	1,600	0	2,400	2,700	700	500	500	400	12,800	24,600	1,500	16,300	55,100	
2010*	200	100	0	0	200	200	4,100	200	0	400	0	12,300	2,000	1,400	700	1,600	100	23,500	23,700	1,700	18,500	69,800	
2011*	0	100	0	100	0	200	1,300	600	0	200	0	900	600	1,000	700	400	200	6,300	33,700	3,500	16,000	59,400	
2012*	100	0	0	300	500	700	5,200	300	0	800	300	4,400	1,300	3,900	300	0	1,300	19,200	41,000	1,800	35,900	97,900	
2013*	100	200	0	200	500	1,300	5,400	3,200	100	900	400	5,700	1,700	2,300	300	0	1,000	23,200	49,100	3,400	6,500	82,200	
2014*	0	100	0	100	400	400	2,000	900	0	700	400	500	1,900	1,600	200	100	200	9,700	37,900	3,600	10,800	62,100	
2015*	0	300	0	0	100	200	2,100	200	0	400	0	0	100	700	0	200	600	5,200	25,100	3,300	6,700	40,300	
2016*	0	0	0	0	0	100	2,600	1,800	0	900	0	1,600	600	2,400	300	200	0	10,500	34,600	1,100	18,600	64,900	
2017*	0	0	0	0	600	100	2,900	1,200	0	800	100	5,300	2,000	5,100	300	0	200	18,700	28,900	1,800	17,100	68,000	
2018*	100	0	0	0	200	400	3,300	800	0	1,000	100	14,900	1,300	5,800	500	200	400	29,000	35,400	2,400	15,800	82,500	
2019*	0	100	0	200	500	200	3,000	900	0	1,400	0	5,400	0	2,200	0	0	100	14,100	23,100	4,000	11,100	52,400	
2020*	0	200	0	100	500	100	2,200	500	0	1,200	200	5,800	300	2,600	0	0	400	14,000	19,400	2,700	15,000	51,100	
Averages																							
1999-2000	100	0	0	0	100	300	2,400	100	0	700	0	5,100	300	1,000	400	100	300	10,600	14,200	2,600	19,400	46,800	
2001-05	0	100	0	100	200	300	4,000	1,700	0	2,600	100	3,200	800	1,700	200	100	700	15,700	20,700	2,600	17,400	56,500	
2006-10	100	100	0	0	100	200	3,800	600	0	900	0	4,800	1,400	900	400	500	300	14,100	23,300	2,300	18,400	58,600	
2011-15	0	100	0	100	300	600	3,200	1,000	0	600	200	2,300	1,100	1,900	300	100	700	12,700	37,400	3,100	15,200	68,400	
2016-20	0	100	0	100	400	200	2,800	1,000	0	1,100	100	6,600	800	3,600	200	100	200	17,300	28,300	2,400	15,500	63,800	

* Preliminary estimates

Estimates of Lesser Scaup Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	200	200	0	0	0	0	2,500	2,400	0	200	100	17,100	4,200	34,700	600	300	1,800	64,300	80,800	37,700	29,300	212,100
2000	100	0	0	0	0	100	1,500	400	0	200	200	10,300	2,900	7,400	700	2,600	6,100	32,300	184,000	83,300	31,400	331,000
2001	0	100	0	0	0	100	900	2,200	0	100	100	2,600	5,100	49,600	15,300	5,400	29,700	111,200	170,800	71,900	30,200	384,200
2002	100	200	1																			

Estimates of Ring-necked Duck Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	800	600	0	200	0	0	3,900	2,100	0	1,900	400	600	8,600	14,600	10,700	24,400	78,800	147,500	264,500	94,000	47,000	553,100
2000	800	400	0	200	100	0	1,900	600	200	400	200	900	8,900	17,000	17,100	17,300	29,500	95,500	257,500	108,900	34,300	496,200
2001	600	200	100	100	200	0	2,700	2,300	0	300	100	1,200	4,400	8,800	13,500	9,400	45,500	89,500	230,700	79,500	38,500	438,100
2002	1,600	500	0	200	200	0	4,500	1,200	0	1,100	100	4,100	9,100	11,900	13,200	4,600	44,400	96,600	239,100	73,500	36,000	445,200
2003*	500	500	100	200	100	0	4,300	900	0	200	600	2,900	16,900	16,300	20,200	11,900	37,100	112,800	230,200	62,400	36,300	441,700
2004*	500	700	100	300	0	100	4,900	2,200	0	200	300	4,900	10,800	5,700	6,100	3,600	34,100	74,300	234,000	66,900	58,400	433,500
2005*	700	700	200	300	400	0	3,400	1,800	0	300	1,300	700	10,300	17,200	12,700	8,000	50,900	109,000	240,100	76,300	49,700	475,200
2006*	1,300	300	1,000	300	200	100	4,600	3,100	0	200	1,200	800	9,500	22,500	30,700	23,600	45,100	144,500	353,700	87,100	71,300	656,600
2007*	300	300	300	100	700	0	2,900	3,800	0	200	800	3,800	15,300	22,600	10,900	9,600	49,000	120,800	241,200	75,800	65,600	503,400
2008*	700	700	400	100	300	0	1,000	500	0	300	900	2,800	12,500	16,500	23,700	10,800	60,600	131,800	251,400	67,100	50,400	500,600
2009*	1,800	1,300	300	100	100	100	2,700	500	0	600	600	1,900	10,000	16,200	27,300	24,700	28,600	116,500	186,200	68,900	38,000	409,700
2010*	1,700	1,500	100	100	100	100	2,500	1,500	0	0	900	1,200	8,600	14,800	13,500	9,000	38,800	94,300	268,400	67,200	60,400	491,100
2011*	500	800	100	500	400	0	5,300	1,000	0	100	400	2,600	5,100	22,900	3,900	16,300	92,200	152,100	259,500	86,500	46,200	544,300
2012*	600	200	0	300	200	0	2,400	700	0	100	300	800	7,500	23,000	26,600	15,200	101,700	179,600	324,700	79,300	67,900	651,400
2013*	1,200	700	100	0	100	0	3,000	800	0	400	400	900	12,900	14,200	17,100	8,100	83,000	143,100	240,900	67,000	46,600	497,600
2014*	600	200	0	100	0	0	2,600	2,000	0	100	300	900	5,000	16,300	12,400	12,500	64,900	117,800	250,700	83,400	46,100	498,100
2015*	200	200	100	300	200	0	1,300	1,100	100	0	300	800	5,600	23,700	16,800	12,700	66,900	130,200	183,500	55,600	44,300	413,600
2016*	800	200	0	0	0	0	2,300	400	0	700	800	1,700	7,000	35,200	16,600	15,800	55,000	136,500	188,200	66,400	50,700	441,800
2017*	200	300	100	0	200	0	700	200	100	1,300	100	900	9,700	17,000	20,000	21,100	32,800	104,900	267,900	73,600	53,500	499,900
2018*	800	200	200	0	400	0	1,200	500	0	200	700	1,100	9,900	37,800	23,700	11,300	35,100	123,100	182,700	88,300	61,200	455,400
2019*	900	300	0	200	100	0	2,200	600	0	300	0	500	3,700	5,700	13,500	10,700	35,200	73,800	174,600	77,300	48,400	374,100
2020*	1,200	400	0	100	200	0	1,400	600	0	200	100	300	4,700	25,700	8,900	12,400	43,400	99,700	161,600	119,400	54,400	435,000
Averages																						
1999-2000	800	500	0	200	100	0	2,900	1,400	100	1,200	300	800	8,800	15,800	13,900	20,900	54,200	121,500	261,000	101,500	40,700	524,700
2001-05	800	500	100	200	200	0	4,000	1,700	0	400	500	2,800	10,300	12,000	13,100	7,500	42,400	96,400	234,800	71,700	43,800	446,700
2006-10	1,200	800	400	100	300	100	2,700	1,900	0	300	900	2,100	11,200	18,500	21,200	15,500	44,400	121,600	260,200	73,200	57,100	512,300
2011-15	600	400	100	200	200	0	2,900	1,100	0	100	300	1,200	7,200	20,000	15,400	13,000	81,700	144,600	251,900	74,400	50,200	521,000
2016-20	800	300	100	100	200	0	1,600	500	0	500	300	900	7,000	24,300	16,500	14,300	40,300	107,600	195,000	85,000	53,600	441,200

* Preliminary estimates

Estimates of Common Goldeneye Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	1,000	1,000	0	200	100	200	5,700	200	0	100	0	600	0	100	0	0	300	9,700	22,600	3,200	19,300	54,700
2000	1,100	200	200	200	100	100	6,300	700	0	900	0	1,200	400	0	0	0	100	11,500	18,100	8,200	25,200	62,900
2001	700	600	0	100	100	200	3,500	300	0	100	0	400	100	0	0	0	0	6,000	23,400	6,500	15,400	51,300
2002	400	2,200	200	100	300	300	6,000	900	0	300	100	1,000	400	0	0	0	0	12,200	35,700	8,400	37,000	93,300
2003*	400	900	200	200	700	300	9,700	400	0	200	0	100	200	0	0	200	0	13,400	28,300	11,800	47,200	100,700
2004*	1,700	1,400	100	500	300	400	5,600	1,200	0	200	100	1,000	400	200	0	0	0	13,000	30,300	7,900	30,200	81,400
2005*	3,800	1,900	100	100	400	100	8,500	800	0	0	0	2,100	900	0	0	0	100	18,800	23,400	3,400	31,100	76,700
2006*	2,000	600	0	100	100	0	6,200	1,500	0	100	0	1,000	1,000	0	0	0	0	12,500	19,900	7,900	41,000	81,500
2007*	1,600	300	100	200	700	200	7,800	2,500	0	100	200	900	0	100	0	0	0	14,700	26,500	8,200	32,900	82,300
2008*	2,200	1,300	400	300	300	200	8,700	1,300	0	100	100	700	200	0	0	0	0	15,800	29,500	5,000	36,000	86,400
2009*	1,400	1,800	0	100	100	100	7,400	300	0	100	0	1,000	400	100	0	0	0	13,000	30,000	5,500	40,200	88,600
2010*	300	2,000	0	200	100	100	9,800	300	0	300	0	500	400	300	0	0	100	14,400	33,600	9,100	20,800	80,900
2011*	300	1,300	0	1,300	0	0	8,000	200	0	100	100	1,000	0	0	0	0	0	12,500	39,300	9,900	36,300	98,000
2012*	600	700	0	500	0	200	8,700	600	0	0	0	1,000	500	0	0	0	0	12,700	26,100	13,700	30,300	82,800
2013*	700	3,200	100	100	100	500	8,200	1,200	0	0	0	100	400	0	0	0	100	14,700	29,600	10,300	32,000	86,600
2014*	500	1,500	100	200	0	200	3,400	300	0	300	0	200	300	500	0	0	200	7,700	32,900	6,800	34,300	81,900
2015*	500	500	0	0	200	200	4,400	400	0	0	100	0	400	0	100	0	0	6,800	25,100	6,300	20,000	58,200
2016*	600	1,700	100	100	200	0	6,100	400	0	200	100	400	400	500	0	0	0	10,600	33,300	5,300	23,400	72,500
2017*	600	1,000	0	200	100	0	5,400	1,200	100	100	100	500	100	0	0	0	100	9,400	31,900	6,700	26,700	74,900
2018*	700	900	0	100	100	100	3,700	200	0	200	200	100	1,100	700	100	600	200	9,100	44,700	9,300	27,400	90,500
2019*	400	1,700	0	300	0	300	6,300	900	0	0	0	300	0	0	0	0	100	10,400	27,900	6,600	30,800	75,700
2020*	900	1,200	0	0	0	100	2,700	300	100	0	0	1,000	800	0	0	0	0	7,100	27,900	21,100	40,300	96,400
Averages																						
1999-2000	1,100	600	100	200	100	200	6,000	500	0	500	0	900	200	100	0	0	200	10,600	20,400	5,700	22,300	58,800
2001-05	1,400	1,400	100	200	400	300	6,700	700	0	200	0	900	400	0	0	0	0	12,700	28,200	7,600	32,200	80,700
2006-10	1,500	1,200	100	200	300	100	8,000	1,200	0	100	100	800	400	100	0	0	0	14,100	27,900	7,100	34,200	83,900
2011-15	500	1,400	0	400	100	200	6,500	500	0	100	0	500	300	100	0	0	100	10,900	30,600	9,400	30,600	81,500
2016-20	600	1,300	0	100	100	100	4,800	600	0	100	100	500	500	200	0	100	100	9,300	33,100	9,800	29,700	82,000

* Preliminary estimates

Estimates of Bufflehead Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	3,100	200																				

Estimates of Common Merganser Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	700	200	100	200	0	0	1,400	2,900	0	400	0	300	0	0	0	0	0	6,300	4,800	300	2,700	14,100
2000	1,400	100	400	100	200	100	2,700	2,400	0	800	200	700	0	100	0	0	0	9,100	3,700	1,300	8,300	22,400
2001	700	200	100	100	200	0	800	1,600	0	0	0	100	0	0	0	0	0	3,900	4,500	1,500	4,600	14,500
2002	1,000	600	200	300	200	0	1,300	6,300	0	300	100	1,200	500	300	0	0	0	12,200	8,200	2,500	3,400	26,200
2003*	1,600	600	200	100	100	100	3,800	4,400	0	0	0	900	300	0	0	0	0	12,000	5,400	2,100	7,100	26,600
2004*	100	400	100	900	100	0	2,700	3,900	0	200	100	900	100	0	0	0	0	9,400	4,700	1,500	6,500	22,100
2005*	600	200	200	300	400	0	1,400	2,100	0	200	300	500	100	0	0	0	0	6,300	3,400	300	3,900	14,000
2006*	1,600	200	400	200	300	0	1,800	1,400	0	100	0	700	0	0	0	0	0	6,700	3,400	1,900	5,300	17,300
2007*	900	200	100	300	400	100	2,300	3,100	0	0	100	800	300	100	0	0	0	8,800	2,100	700	7,900	19,400
2008*	400	100	200	100	200	0	2,600	6,100	0	400	300	400	0	0	200	0	100	11,000	4,300	300	5,700	21,400
2009*	400	500	100	300	40	70	2,300	3,300	200	300	90	1,800	200	0	0	0	0	9,600	1,900	1,200	5,200	17,900
2010*	200	500	0	400	100	0	3,500	4,100	100	400	0	700	1,200	0	0	0	0	11,400	2,000	500	4,100	18,600
2011*	100	200	300	900	0	0	1,800	1,300	300	100	0	200	400	0	0	0	0	5,600	7,200	700	4,200	17,700
2012*	400	300	200	100	200	0	1,600	3,300	300	0	300	200	0	0	0	0	0	7,000	1,300	800	6,400	15,500
2013*	200	200	100	0	100	100	2,100	2,900	100	600	100	700	200	200	0	0	0	7,600	6,000	1,000	4,100	18,700
2014*	200	300	0	300	200	100	1,600	800	0	100	0	600	200	0	0	0	0	4,400	6,500	900	7,300	19,100
2015*	300	200	200	100	100	0	1,100	3,000	0	0	100	100	100	200	0	0	0	5,500	4,100	300	4,600	14,500
2016*	100	300	0	200	800	0	2,000	3,100	100	300	0	200	0	0	0	0	0	7,200	3,100	400	4,500	15,300
2017*	300	200	0	0	100	100	2,500	2,200	200	200	0	1,000	400	300	100	0	0	7,400	4,200	900	4,100	16,600
2018*	400	100	100	100	500	0	1,600	2,000	0	100	200	100	0	0	0	0	0	5,200	2,500	1,000	4,500	13,300
2019*	100	800	0	200	200	0	3,500	1,400	100	0	0	100	1,000	0	0	0	0	7,500	6,100	200	2,800	16,600
2020*	200	400	100	0	200	0	5,700	1,700	0	100	0	0	200	0	0	0	0	8,700	4,500	700	5,200	19,000
Averages																						
1999-2000	1,100	200	300	200	100	100	2,100	2,700	0	600	100	500	0	100	0	0	0	7,700	4,300	800	5,500	18,300
2001-05	800	400	200	300	200	0	2,000	3,700	0	100	100	700	200	100	0	0	0	8,800	5,200	1,600	5,100	20,700
2006-10	700	300	200	300	200	0	2,500	3,600	100	200	100	900	300	0	0	0	0	9,500	2,700	900	5,600	18,900
2011-15	200	200	200	300	100	0	1,600	2,300	100	200	100	400	200	100	0	0	0	6,000	5,000	700	5,300	17,100
2016-20	200	400	0	100	400	0	3,100	2,100	100	100	0	300	300	100	0	0	0	7,200	4,100	600	4,200	16,200

* Preliminary estimates

Estimates of Red-breasted Merganser Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	1,200	0	400	600	600	0	1,600	0	0	1,500	400	0	1,700	400	0	0	300	8,800	3,400	800	600	13,500
2000	0	0	100	0	1,300	200	1,000	100	0	700	200	700	1,000	100	0	0	0	5,600	3,300	1,000	1,300	11,100
2001	100	0	100	300	600	1,100	1,400	300	0	900	600	100	400	0	100	200	100	6,400	2,900	1,000	600	10,900
2002	200	200	0	400	400	1,800	1,900	100	0	2,000	0	500	900	100	200	0	100	8,900	2,600	1,300	300	13,200
2003*	200	200	100	300	300	1,400	1,800	400	0	1,100	0	500	2,600	600	1,000	0	400	10,800	4,000	200	2,500	17,500
2004*	200	200	0	700	700	700	3,000	100	0	1,000	0	800	1,900	700	0	0	400	10,300	4,100	1,700	900	17,100
2005*	1,200	0	100	600	600	400	3,600	200	0	900	100	200	200	3,600	0	0	100	11,800	700	800	800	14,100
2006*	1,300	0	0	700	800	300	2,100	100	0	1,900	400	600	2,000	1,900	700	200	0	13,100	2,800	100	1,000	17,000
2007*	700	0	0	200	1,000	400	2,100	400	0	1,000	300	500	100	700	300	0	0	7,600	2,600	700	2,700	12,900
2008*	900	0	300	1,300	1,200	500	3,400	0	0	800	400	900	700	400	200	0	0	10,800	3,800	400	1,400	16,500
2009*	700	0	1,200	1,200	200	1,000	3,800	0	0	300	200	0	1,500	300	500	1,400	400	12,700	5,600	100	4,400	22,800
2010*	100	0	0	700	300	1,300	2,700	0	0	1,500	0	0	400	400	200	0	100	7,900	3,200	300	700	12,100
2011*	100	200	100	1,000	100	100	4,000	300	0	500	100	700	1,600	200	500	0	600	10,300	6,100	300	700	17,400
2012*	0	100	0	1,100	400	500	3,500	400	0	900	200	200	300	3,400	800	0	400	12,200	5,900	400	1,100	19,700
2013*	100	200	0	600	200	900	2,100	600	0	900	0	300	400	1,500	200	0	400	8,300	7,200	0	900	16,500
2014*	100	100	0	500	100	300	2,000	100	0	500	0	200	800	300	0	100	100	5,200	6,300	600	1,200	13,300
2015*	100	0	0	100	100	600	900	300	0	500	0	200	400	1,300	100	0	600	5,100	19,900	2,100	700	27,800
2016*	600	200	100	100	400	300	2,500	600	0	1,300	0	100	900	1,200	200	0	100	8,500	9,500	1,000	1,600	20,600
2017*	200	0	0	300	200	1,000	1,200	900	0	1,200	900	400	400	700	1,000	0	0	8,400	7,000	2,400	500	18,300
2018*	300	0	200	700	400	100	1,600	0	0	900	100	0	600	1,300	400	0	100	6,600	4,900	900	100	12,400
2019*	100	0	0	500	200	500	2,300	500	0	300	0	100	100	900	300	0	200	6,100	1,800	1,000	700	9,600
2020*	700	0	100	1,200	100	600	2,100	100	0	800	0	0	800	700	300	0	500	8,000	5,100	3,100	500	16,700
Averages																						
1999-2000	600	0	300	300	1,000	100	1,300	100	0	1,100	300	400	1,400	300	0	0	200	7,200	3,400	900	1,000	12,300
2001-05	400	100	100	500	500	1,100	2,300	200	0	1,200	100	400	1,200	1,000	300	0	200	9,600	2,900	1,000	1,000	14,600
2006-10	700	0	300	800	700	700	2,800	100	0	1,100	300	400	900	700	400	300	100	10,400	3,600	300	2,000	16,300
2011-15	100	100	0	700	200	500	2,500	300	0	700	100	300	700	1,300	300	0	400	8,200	9,100	700	900	18,900
2016-20	400	0	100	600	300	500	1,900	400	0	900	200	100	600	1,000	400	0	200	7,500	5,700	1,700	700	15,500

* Preliminary estimates

Estimates of Hooded Merganser Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	1,600	100	100	100	300	100	2,000	3,100	100	2,300	800	1,400	3,800	6,300	1,400	2,900	2,900	29,300	46,600	12,800	4,100	93,500
2000	1,400	200	200	0	400	200	1,800	1,900	0	2,400	400	1,500	3,900	8,000	5,700	3,300	4,700	36,000	44,900	8,500	5,000	94,300
2001	1,700	100	600	300	200	300	700	4,700	0	2,100	100	800	3,300	2,900	5,400	2,700	2,300	28,100	43,500	9,500	4,600	85,700
2002	1,200	100	400	300	200	200	2,100	4,300	0	4,200	600	1,800	4,000	4,100	5,100	1,200	1,700	31,800	58,900	10,000	2,800	103,500

Estimates of Long-tailed Duck Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	900	0	0	400	3,100	0	1,300	0	0	800	0	7,500	500	100	0	0	100	14,700	200	-	100	15,100
2000	2,000	100	0	200	2,700	0	1,900	100	0	1,100	600	2,600	1,500	100	0	0	0	12,900	700	-	0	13,600
2001	900	100	200	300	2,200	0	1,600	200	0	1,400	0	6,500	6,700	0	0	0	0	20,000	200	-	0	20,200
2002	1,500	0	0	0	2,400	0	4,300	300	0	0	0	5,900	500	0	0	0	0	14,900	400	-	400	15,800
2003*	2,600	100	100	100	4,300	0	3,200	100	0	1,400	0	2,100	3,400	0	300	0	0	17,600	2,000	-	1,200	20,900
2004*	1,800	0	0	500	4,700	0	6,200	100	0	2,000	0	1,500	3,900	0	0	0	0	20,900	4,900	-	500	26,400
2005*	700	300	0	300	400	0	4,600	100	0	1,300	0	5,200	1,600	200	200	0	0	15,000	4,900	-	100	20,200
2006*	1,800	0	0	500	100	0	5,500	0	0	600	0	8,500	1,000	200	0	0	0	18,200	9,100	-	500	27,800
2007*	1,000	0	0	100	800	0	10,600	300	0	3,200	700	8,300	1,000	400	0	0	0	26,500	2,800	-	700	30,000
2008*	4,300	0	100	1,100	3,100	100	9,100	0	0	900	200	8,300	1,300	200	0	0	0	28,700	7,700	-	500	37,000
2009*	700	100	0	0	1,700	0	5,700	0	0	300	200	4,800	1,900	0	0	0	0	15,300	5,500	-	1,400	23,000
2010*	2,300	100	0	100	800	0	7,000	0	0	2,100	0	2,600	800	0	0	0	0	15,800	9,700	-	700	26,200
2011*	2,700	100	400	100	1,300	0	2,500	0	0	600	0	1,900	900	200	0	0	0	10,700	4,800	-	700	16,300
2012*	0	0	0	400	2,300	0	8,700	0	0	5,600	0	4,600	0	0	0	0	0	21,700	6,500	-	400	28,500
2013*	200	0	200	200	4,500	0	6,800	100	0	2,000	0	1,200	900	200	0	0	0	16,300	12,900	-	0	29,200
2014*	100	0	0	500	2,800	0	3,500	200	0	700	0	3,200	0	0	0	0	0	11,100	1,800	-	200	13,200
2015*	400	0	0	700	3,900	0	5,600	100	0	1,100	0	3,900	2,400	200	100	200	0	18,600	11,400	-	400	30,400
2016*	800	0	100	2,100	3,300	0	10,100	0	0	3,600	1,100	6,900	3,100	200	0	500	100	31,900	10,800	-	1,000	43,600
2017*	1,700	100	0	1,800	2,200	100	8,200	200	0	1,300	0	3,700	5,500	100	0	0	0	24,900	13,200	-	100	40,000
2018*	2,600	0	0	600	1,300	0	10,500	200	0	900	1,400	6,700	0	0	0	0	0	24,200	4,200	-	100	28,500
2019*	1,300	0	0	1,600	3,100	0	11,100	0	0	1,200	100	6,900	2,100	0	0	0	0	27,400	7,900	-	1,000	36,300
2020*	2,400	0	0	600	0	100	7,300	0	0	800	0	5,300	500	0	100	0	100	17,100	20,700	-	600	38,900
Averages																						
1999-2000	1,500	100	0	300	2,900	0	1,600	100	0	1,000	300	5,100	1,000	100	0	0	100	13,800	500	-	100	14,400
2001-05	1,500	100	100	200	2,800	0	4,000	200	0	1,200	0	4,200	3,200	0	100	0	0	17,700	2,500	-	400	20,700
2006-10	2,000	0	0	400	1,300	0	7,600	100	0	1,400	200	6,500	1,200	200	0	0	0	20,900	7,000	-	800	28,800
2011-15	700	0	100	400	3,000	0	5,400	100	0	2,000	0	3,000	800	100	0	0	0	15,700	7,500	-	300	23,500
2016-20	1,800	0	0	1,300	2,000	0	9,400	100	0	1,600	500	5,900	2,200	100	0	100	0	25,100	11,400	-	600	37,500

* Preliminary estimates

Estimates of Common Eider Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	11,400	0	400	4,300	0	1,500	0	0	0	0	0	0	0	0	0	0	0	17,500	-	-	-	-
2000	26,900	0	300	4,300	0	0	0	0	0	0	0	0	0	0	0	0	0	31,500	-	-	-	-
2001	10,900	0	400	6,100	0	1,400	0	0	0	0	0	0	0	0	0	0	0	18,800	-	-	-	-
2002	11,300	0	1,300	2,300	0	700	200	0	0	0	0	0	0	0	0	0	0	15,800	-	-	-	-
2003*	28,700	0	600	3,100	0	1,100	600	0	0	200	0	0	0	0	0	0	0	34,400	-	-	-	-
2004*	14,700	0	200	5,700	0	800	0	0	0	0	0	200	0	0	0	0	0	21,600	-	-	-	-
2005*	10,800	0	200	8,300	0	3,100	500	0	0	0	0	0	0	0	0	0	0	22,800	-	-	-	-
2006*	18,100	0	0	5,400	0	1,600	400	0	0	0	0	0	0	0	0	0	0	25,500	-	-	-	-
2007*	13,100	0	500	3,400	100	1,300	0	0	0	0	200	0	0	0	0	0	0	18,500	-	-	-	-
2008*	10,900	0	100	3,900	0	700	0	0	0	0	0	0	0	0	0	0	0	15,600	-	-	-	-
2009*	4,400	0	200	8,400	200	1,600	1,300	0	0	0	0	0	0	0	0	0	0	16,100	-	-	-	-
2010*	4,500	0	600	5,000	900	1,100	500	0	0	400	0	0	0	0	0	0	0	13,100	-	-	-	-
2011*	6,200	0	800	5,700	0	200	300	0	0	0	0	0	0	0	0	0	0	13,300	-	-	-	-
2012*	5,200	0	300	5,800	0	400	100	0	0	0	0	0	0	0	0	0	0	11,700	-	-	-	-
2013*	3,100	0	200	3,500	0	600	400	0	0	0	0	0	0	0	0	0	0	7,800	-	-	-	-
2014*	1,000	0	1,500	3,600	0	600	6,500	0	0	200	0	0	0	0	0	0	0	13,400	-	-	-	-
2015*	900	0	0	1,800	0	400	800	0	0	0	0	0	0	0	0	0	0	3,900	-	-	-	3,900
2016*	1,800	0	0	4,000	400	200	0	0	0	0	0	0	0	0	100	0	0	6,600	-	-	-	6,600
2017*	5,700	0	0	4,700	500	1,400	100	0	0	600	0	0	400	0	0	0	0	13,400	-	-	-	13,400
2018*	7,300	0	100	3,000	100	1,200	4,900	0	0	100	0	200	700	0	0	0	0	17,600	-	-	500	18,100
2019*	1,700	0	0	5,400	100	800	0	0	0	0	0	0	0	0	0	0	0	8,000	100	-	0	8,100
2020*	2,200	0	200	6,300	200	1,900	4,000	0	0	100	0	0	0	0	0	0	0	14,900	-	-	500	15,400
Averages																						
1999-2000	19,200	0	400	4,300	0	800	0	0	0	0	0	0	0	0	0	0	0	24,500	-	-	-	-
2001-05	15,300	0	500	5,100	0	1,400	300	0	0	0	0	0	0	0	0	0	0	22,700	-	-	-	-
2006-10	10,200	0	300	5,200	200	1,300	400	0	0	100	0	0	0	0	0	0	0	17,800	-	-	-	-
2011-15	3,300	0	600	4,100	0	400	1,600	0	0	0	0	0	0	0	0	0	0	10,000	-	-	-	-
2016-20	3,700	0	100	4,700	300	1,100	1,800	0	0	200	0	0	200	0	0	0	0	12,100	-	-	-	12,300

* Preliminary estimates

Estimates of Black Scoter Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	900	0	100	0	0	0	1,000	100	0	800	0	2,900	0	800	0	0	100	6,800	1,100	-	700	8,900
2000	400	0	200	500	0	600	400	0	0	1,100	0	900	400	100	0	0	0	4,700	1,100	-	0	5,700
2001	1,200	0	400	200	0	100	0	200	0	0	0	1,000	0	500	0	0	0	3,700	900	-	0	4,600
2002	1,200	0	400	300	0	200	1,800	300	0	2,600	0	500	1,100	300	0	0	0	8,500	800	-	0	9,300
2003*	7,400	0	800	600	0	800	900	200	0	700	0	2,400	700	2,900	400	0	0	17,800	1,800	-	800	20,400
2004*	1,500	0	0	900	0	400	300	200	0	600	0	5,300	400	1,800	0	0	0	11,400	900	-	1,400	13,800
2005*	1,200	100	100	1,100	200	600	600	0	0	1,400	0	6,500	800	3,400	800	0	0	16,900	2,500	-	1,100	20,500
2006*	400	0	600	800	100	600	200	0	0	300	0	3,600	0	1,900	0	0	0	8,500	600	-	200	9,600
2007*	500	0	0	400	0	500	0	100	0	300	400	0	0	4,500	400	200	0	7,500	1,500	-	0	9,100
2008*	500	0	300	200	0	200	400	0	0	600	100	0	1,300	1,600	0	0	0</					

Estimates of White-winged Scoter Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	600	0	100	300	0	0	500	0	0	0	0	0	500	0	0	0	0	2,000	0	200	1,100	3,400
2000	1,800	0	500	1,900	0	0	200	0	0	0	0	200	0	0	0	0	0	4,600	0	100	1,200	5,900
2001	1,200	0	400	600	0	500	3,200	600	0	0	0	1,000	0	0	0	0	0	7,700	1,500	0	3,400	12,600
2002	500	0	200	1,100	0	0	1,200	100	0	0	1,300	1,300	500	0	0	0	0	6,300	800	200	800	8,100
2003*	1,400	100	600	1,700	0	300	1,400	0	0	0	0	300	1,000	100	0	0	0	6,800	1,900	200	2,200	11,100
2004*	1,100	0	0	1,500	0	400	2,800	0	0	0	0	200	0	100	0	0	0	6,100	2,900	0	800	9,700
2005*	400	100	200	1,000	0	500	1,100	0	0	100	0	500	0	200	0	0	0	4,200	800	100	1,400	6,500
2006*	1,500	100	0	1,600	0	400	2,000	0	0	400	200	2,300	300	0	0	0	0	8,700	700	0	2,900	12,300
2007*	500	0	0	900	100	0	2,100	300	0	100	0	200	0	100	0	0	0	4,300	1,200	0	2,500	8,000
2008*	1,500	0	400	2,900	0	0	800	0	0	100	0	0	0	0	0	0	0	5,600	300	0	1,700	7,600
2009*	100	0	200	100	100	0	1,900	0	0	0	0	200	0	200	0	0	0	2,900	1,800	200	3,900	8,700
2010*	300	0	400	1,100	700	0	2,200	0	0	200	0	400	0	100	0	0	0	5,400	1,100	0	300	7,400
2011*	0	200	800	300	200	0	1,700	100	0	200	0	0	0	0	0	0	0	3,600	4,000	0	4,200	11,800
2012*	900	100	100	0	0	100	0	0	0	0	0	300	0	300	0	0	0	1,800	2,400	200	200	4,600
2013*	200	0	300	0	0	100	2,800	0	0	100	0	400	200	900	0	0	400	5,400	1,500	0	200	7,100
2014*	600	0	0	700	0	0	700	100	0	0	0	600	0	200	0	0	0	2,900	4,800	100	1,400	9,200
2015*	100	0	0	500	0	100	1,600	200	0	0	0	500	0	200	0	0	0	3,100	1,500	100	2,800	7,500
2016*	300	0	100	500	200	0	1,100	0	0	300	100	300	300	200	100	200	0	3,800	1,400	0	1,100	6,400
2017*	400	0	0	500	0	0	1,800	100	0	0	0	200	0	700	0	0	0	3,700	1,700	200	600	7,000
2018*	100	0	0	200	0	0	1,100	0	0	100	0	600	0	200	0	0	0	2,400	3,600	100	400	6,500
2019*	200	0	0	900	0	100	2,000	0	0	0	0	400	0	0	0	0	0	3,500	1,600	0	500	5,700
2020*	600	0	0	900	0	0	700	0	0	400	0	200	0	200	0	0	0	3,100	3,800	0	1,300	8,200
Averages																						
1999-2000	1,200	0	300	1,100	0	0	400	0	0	0	0	100	300	0	0	0	0	3,300	0	200	1,200	4,700
2001-05	900	0	300	1,200	0	300	1,900	100	0	0	300	700	300	100	0	0	0	6,200	1,600	100	1,700	9,600
2006-10	800	0	200	1,300	200	100	1,800	100	0	200	0	600	100	100	0	0	0	5,400	1,000	0	2,300	8,800
2011-15	400	100	200	300	0	100	1,400	100	0	100	0	400	0	300	0	0	100	3,400	2,800	100	1,800	8,000
2016-20	300	0	0	600	0	0	1,300	0	0	200	0	300	100	300	0	0	0	3,300	2,400	100	800	6,800

* Preliminary estimates

Estimates of Surf Scoter Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	1,900	0	100	300	0	0	500	0	0	800	0	1,600	2,600	700	0	0	100	8,600	3,000	200	2,800	14,600
2000	3,000	0	300	300	0	600	200	0	0	400	0	6,100	1,900	0	0	0	0	12,800	300	100	3,700	16,800
2001	1,000	0	0	200	0	200	3,100	200	0	1,100	0	8,500	0	900	0	0	0	15,000	300	100	1,500	16,900
2002	1,800	0	0	200	100	100	600	0	0	0	0	5,400	6,000	300	0	0	100	14,500	1,000	100	2,700	18,300
2003*	5,900	100	400	1,500	100	100	1,500	0	0	900	600	14,000	6,700	6,400	100	0	0	38,500	1,100	200	400	40,200
2004*	1,700	0	0	1,000	1,800	100	1,800	700	0	300	900	13,300	7,000	2,200	0	0	0	30,800	500	100	3,200	34,600
2005*	500	100	200	1,100	1,100	500	1,400	100	0	1,000	900	8,200	5,300	700	0	0	0	21,100	1,600	0	4,300	26,900
2006*	300	0	400	1,000	200	200	1,100	0	0	300	800	13,100	9,800	1,900	0	0	0	29,100	600	100	2,300	32,000
2007*	700	0	500	1,000	100	300	2,100	0	0	200	1,400	9,400	8,500	4,600	0	200	0	29,000	1,700	200	6,100	37,000
2008*	2,000	100	200	1,200	0	100	200	200	0	500	1,400	8,300	9,300	5,800	0	0	0	29,300	400	0	10,700	40,400
2009*	500	0	700	800	500	0	1,700	0	0	1,300	1,300	10,600	4,900	3,800	0	0	0	25,900	1,600	100	6,200	33,900
2010*	500	0	1,000	800	300	0	900	200	0	800	400	1,500	4,200	2,200	500	0	0	13,500	1,400	100	6,500	22,700
2011*	700	100	700	600	400	0	1,000	0	0	800	0	8,300	8,300	6,700	0	0	0	27,700	1,600	0	6,300	35,700
2012*	900	100	100	400	1,200	100	8,000	0	0	1,700	800	3,700	6,300	1,300	300	0	0	24,900	1,200	300	9,300	35,700
2013*	800	100	300	100	0	0	3,700	0	0	900	0	3,300	1,700	1,500	0	0	0	12,300	1,400	0	3,200	16,900
2014*	0	0	0	400	200	0	800	0	0	1,400	600	6,300	9,300	700	0	0	0	20,600	3,100	200	1,400	25,300
2015*	100	100	0	1,200	0	0	1,000	100	0	3,000	1,200	8,300	4,700	3,600	0	0	0	23,200	1,400	100	1,800	26,400
2016*	0	100	0	1,400	200	0	3,000	100	0	1,100	400	5,200	5,900	500	200	0	0	18,000	3,000	0	2,800	23,800
2017*	500	100	0	1,300	500	0	500	0	0	2,600	100	5,700	7,000	800	0	0	0	19,100	300	0	1,900	24,600
2018*	600	0	0	1,600	200	0	300	100	0	800	700	7,900	17,800	3,300	0	0	100	33,500	300	0	2,300	36,200
2019*	800	0	0	700	0	600	400	0	0	7,400	2,100	10,500	8,800	300	100	0	200	32,000	1,200	0	4,000	37,200
2020*	600	100	0	500	100	200	1,100	0	0	3,100	1,100	6,100	4,900	500	100	0	0	18,400	1,300	400	5,100	25,100
Averages																						
1999-2000	2,500	0	200	300	0	300	400	0	0	600	0	3,900	2,300	400	0	0	100	10,700	1,700	200	3,300	15,700
2001-05	2,200	0	100	800	600	200	1,700	200	0	700	500	9,900	5,000	2,100	0	0	0	24,000	900	100	2,400	27,400
2006-10	800	0	600	1,000	200	100	1,200	100	0	600	1,100	8,600	7,300	3,700	100	0	0	25,400	1,100	100	6,400	33,200
2011-15	500	100	200	500	400	0	2,900	0	0	1,600	500	6,000	6,100	2,800	100	0	0	21,700	1,700	100	4,400	28,000
2016-20	500	100	0	1,100	200	200	1,100	0	0	3,000	900	7,100	8,900	1,100	100	0	100	24,200	1,200	100	3,200	29,400

* Preliminary estimates

Estimates of Ruddy Duck Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	MF	CF	PF	U.S.
1999	0	0	0	0	500	0	500	2,700	0	4,600	100	1,000	1,600	11,400	0	800	5,900	29,200	16,400	7,400	11,600	64,600
2000	0	0	0	0	100	0	100	500	0	700	300	300	300	2,100	100	600	5,900	11,000	6,400	5,900	2,900	26,200
2001	0	100	0	0	0	0	200	500	0	400	100	1,200	0	2,900	0	800	1,100	7,200	4,600	4,100	5,500	21,300
2002	0	0	0	0	0	0	100	1,200	0	500	0	2,200	700	900	100	300	1,200	7,300	4,500	2,000	2,900	16,700
2003*	0	0	0	0	0	0	100	300	0	300	100	700	200	500	0	0	400	2,500	10,900	1,700	5,600	20,800
2004*	100	0	0	0	0	0	100	1,000	0	200	300	600	1,000	1,000	0	0	100	4,300	5,200	2,000	6,400	18,000
2005*	0	200	0	0	0	0	400															

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 (1999-2020).

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	1,300
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	2,500
2019*	300	100	0	0	100	0	0	500
2020*	400	0	0	0	0	0	0	400
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 (1999-2020).

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
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	400	500	1,400	3,200	4,200	8,600	18,300

* 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 (1999-2020).

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
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	8,600	1,500	5,120

* Preliminary estimates

Estimates of Canada Goose Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	3,300	3,300	4,500	11,900	20,300	3,300	80,400	151,600	5,500	18,600	5,000	27,800	34,700	29,100	10,000	12,500	1,000	422,900
2000	10,500	3,700	5,200	11,300	20,100	3,200	89,600	111,200	3,700	25,600	2,800	29,900	47,300	29,500	11,100	12,200	0	416,800
2001	5,200	4,400	3,800	11,800	18,100	3,700	91,500	219,700	4,900	22,600	10,900	152,400	53,900	46,000	16,000	26,100	1,200	692,100
2002	10,600	6,400	6,300	12,800	21,400	3,600	108,700	214,000	5,100	29,900	21,100	115,300	67,800	38,300	27,600	21,100	200	710,000
2003*	9,600	3,600	5,300	12,900	18,700	5,000	96,800	188,200	4,200	26,000	11,700	131,400	62,600	41,900	14,800	25,300	0	657,900
2004*	7,000	7,100	3,200	15,200	20,400	4,400	109,300	167,600	7,400	24,600	14,000	142,000	55,000	18,000	17,000	21,200	0	633,300
2005*	7,800	9,300	5,300	12,600	20,900	3,100	120,000	180,900	3,900	24,200	19,000	170,000	61,400	73,200	27,600	35,100	0	774,500
2006*	9,800	7,800	6,700	13,100	14,000	5,300	113,900	160,600	2,500	27,500	12,800	152,700	47,800	43,300	27,100	14,900	2,800	662,400
2007*	9,100	6,300	6,500	11,000	18,600	5,100	138,100	276,000	6,700	34,600	22,000	161,900	63,300	54,400	24,800	22,400	0	860,700
2008*	13,800	12,300	7,000	13,100	22,800	4,100	163,300	231,600	4,700	30,400	28,600	213,700	72,200	46,500	23,800	32,100	0	920,000
2009*	4,700	11,500	11,400	16,500	9,100	2,800	172,000	161,900	7,000	47,300	24,900	163,000	63,700	50,000	32,700	73,300	2,500	854,300
2010*	9,200	9,600	5,800	12,600	8,800	4,200	127,600	153,300	6,500	52,700	34,300	200,900	71,100	54,600	19,300	23,700	2,100	796,200
2011*	3,700	8,300	8,000	15,000	9,500	2,900	126,600	75,100	3,700	11,500	12,400	111,400	60,700	29,800	17,200	34,400	0	530,300
2012*	9,500	8,600	4,800	10,800	7,900	1,500	135,900	104,000	5,800	36,000	14,600	175,700	51,700	73,700	39,700	15,400	0	695,700
2013*	8,800	9,600	6,000	7,100	8,600	4,700	136,200	103,900	4,900	51,700	17,900	152,500	57,800	55,900	17,200	32,200	0	675,000
2014*	8,900	12,300	5,800	7,500	11,400	5,500	138,300	106,900	2,400	29,700	17,800	114,000	45,300	37,300	35,800	51,800	0	630,800
2015*	7,200	6,700	4,100	9,800	5,600	3,700	95,400	74,000	3,600	15,300	12,100	98,400	40,000	36,000	19,300	56,500	800	488,600
2016*	11,400	8,800	4,700	11,400	12,500	2,900	146,400	100,100	3,900	30,600	13,500	153,900	84,400	51,800	15,800	61,800	0	714,100
2017*	15,200	15,900	5,700	8,500	9,200	8,100	107,100	79,000	5,500	26,600	24,600	178,500	60,000	41,400	15,100	25,300	0	625,700
2018*	11,400	7,400	3,200	17,300	8,100	7,500	66,600	89,300	2,800	19,300	8,400	90,900	31,400	35,400	6,700	12,800	0	418,400
2019*	7,200	5,600	4,400	8,700	9,200	2,100	88,900	96,000	3,300	13,600	7,900	45,500	30,800	47,500	12,700	21,300	3,700	408,600
2020*	14,300	11,800	3,600	12,300	11,200	2,100	73,000	70,400	4,400	20,000	11,600	54,600	30,400	30,300	14,100	25,500	1,500	391,100
Averages																		
1999-2000	6,900	3,500	4,900	11,600	20,200	3,300	85,000	131,400	4,600	22,100	3,900	28,900	41,000	29,300	10,600	12,400	500	419,900
2001-05	8,000	6,200	4,800	13,100	19,900	4,000	105,300	194,100	5,100	25,500	15,300	142,200	60,100	43,500	20,600	25,800	300	693,600
2006-10	9,300	9,500	7,500	13,300	14,700	4,300	143,000	196,700	5,500	38,500	24,500	178,400	63,600	49,800	25,500	33,300	1,500	818,700
2011-15	7,600	9,100	5,700	10,000	8,600	3,700	126,500	92,800	4,100	28,800	15,000	130,400	51,100	46,500	25,800	38,100	200	604,100
2016-20	11,900	9,900	4,300	11,600	10,000	4,500	96,400	87,000	4,000	22,000	13,200	104,700	47,400	41,300	12,900	29,300	1,000	511,600

* Preliminary estimates

Estimates of Snow/Ross's Goose Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	0	1,400	0	0	100	0	1,600	4,700	0	5,000	26,100	8,900	1,700	4,900	0	0	300	54,700
2000	600	4,400	0	0	0	0	1,400	10,500	0	8,600	34,400	10,700	1,000	400	0	300	0	72,300
2001	0	2,200	100	0	0	0	4,900	5,900	0	6,700	20,400	35,200	1,400	400	0	0	0	77,100
2002	0	1,200	0	0	0	0	3,100	1,900	0	5,400	14,800	11,800	1,000	300	0	0	0	39,400
2003*	500	3,400	0	0	0	0	3,900	5,700	0	4,400	12,200	5,300	100	600	0	0	0	36,100
2004*	0	1,700	0	0	0	0	4,500	3,600	0	2,900	12,400	5,400	800	0	200	0	0	31,500
2005*	100	400	0	0	0	0	8,800	8,300	0	3,700	6,500	5,800	100	2,400	0	0	0	36,100
2006*	0	100	0	0	0	0	7,100	11,400	0	5,000	7,000	1,800	1,000	0	0	0	0	33,300
2007*	0	500	0	0	0	0	10,100	12,000	0	6,900	8,100	10,800	1,000	1,300	0	0	1,500	52,200
2008*	0	2,100	0	100	100	0	6,800	10,000	0	5,100	14,900	16,100	2,300	700	600	0	0	59,000
2009*	0	100	0	0	0	0	3,300	6,800	0	900	14,000	4,300	100	0	0	0	0	29,600
2010*	0	0	0	100	0	0	4,400	2,200	0	4,100	3,200	3,600	700	0	0	0	0	18,300
2011*	0	100	100	0	0	0	1,600	21,700	0	4,100	2,600	5,900	300	1,000	0	0	0	37,600
2012*	100	0	0	0	0	0	1,400	11,200	0	4,700	7,000	12,700	300	0	0	300	0	37,700
2013*	0	0	0	0	0	0	4,000	5,300	0	1,300	9,200	10,400	100	0	0	0	0	30,500
2014*	0	40	0	0	50	0	1,800	2,300	0	1,800	1,200	6,000	1,100	6,100	800	400	0	21,700
2015*	100	0	0	0	100	0	7,400	2,300	0	700	1,500	7,700	500	900	0	0	0	21,200
2016*	0	0	0	0	0	0	3,400	3,700	0	2,900	5,400	3,600	900	400	0	2,000	3,400	25,600
2017*	0	0	0	0	100	100	2,900	1,800	0	1,500	1,800	7,100	0	1,100	600	0	0	17,000
2018*	0	0	0	0	0	0	900	1,200	0	800	500	3,400	100	0	0	0	0	6,900
2019*	0	0	0	0	0	0	8,400	3,200	0	200	300	3,100	0	0	0	0	1,800	17,100
2020*	0	100	0	0	0	0	5,900	0	0	2,100	1,100	1,600	300	0	400	0	800	12,400
Averages																		
1999-2000	300	2,900	0	0	100	0	1,500	7,600	0	6,800	30,300	9,800	1,400	2,700	0	200	200	63,500
2001-05	100	1,800	0	0	0	0	5,000	5,100	0	4,600	13,300	12,700	700	700	0	0	0	44,000
2006-10	0	600	0	0	0	0	6,300	8,500	0	4,400	9,400	7,300	1,000	400	100	0	300	38,500
2011-15	40	30	20	0	30	0	3,240	8,560	0	2,520	4,300	8,540	460	1,600	160	140	0	29,740
2016-20	0	0	0	0	0	0	4,300	2,000	0	1,500	1,800	3,800	300	300	200	400	1,200	15,800

* Preliminary estimates

Estimates of Atlantic Brant Harvest in the Atlantic Flyway

Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1999	0	0	0	100	0	300	2,900	0	0	6,700	1,500	200	1,700	4,900	0	0	0	18,300
2000	0	0	0	800	300	300	6,600	0	0	5,800	1,700	100	7,700	1,600	0	0	0	24,900
2001	0	200	0	900	300	600	6,600	100	0	6,800	300	800	3,500	4,700	0	0	0	24,900
2002	0	0	0	700	800	600	7,200	100	0	9,800	1,600	700	5,900	6,000	0	0	0	33,400
2003*	0	200	0	1,600	2,500	1,200	10,400	100	0	9,900	1,500	1,700	9,200	6,500	0	0	0	44,900
2004*	0	0	100	300	1,000	300	5,800	800	0	5,000	600	800	2,800	0	0	0	0	17,600
2005*	0	0	0	500	700	700	4,700	0	0	8,300	1,500	1,700	6,100	6,200	0	0	0	30,400
2006*	0	0	0	400	0	400	3,400	0	0	5,200	800	2,300	2,400	3,600	0	0	0	18,500
2007*	0	0	0	700	200	1,200	4,800	0	0	7,600	900	1,000	1,700	4,200	0	0	0	22,300
2008*	0	0	100	1,100	300	1,400	7,700	0	0	7,800	1,500	1,800	5,500	0	0	0	0	27,200
2009*	0	90	0	400	500	600												

Estimated harvest of Canada geese in the Atlantic Flyway during early September, regular, and special late seasons (State totals include unknowns)																			
Season	Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOT
September	1999	1,300	2,200	1,300	4,700	6,100	1,200	59,300	94,900	3,900	10,500	4,700	18,300	11,400	20,100	0	NS ^a	NS ^a	239,900
	2000	5,200	2,900	1,700	2,800	4,400	500	63,100	67,500	1,600	18,200	2,600	14,200	10,800	20,500	0	NS ^a	NS ^a	216,000
	2001	2,100	3,100	1,400	2,300	4,800	1,300	49,300	111,900	2,000	10,000	4,300	27,100	14,100	30,300	5,800	NS ^a	NS ^a	269,800
	2002	3,000	3,700	1,500	2,800	4,000	1,000	48,200	92,500	2,000	11,800	6,200	14,800	13,600	20,100	4,800	6,600	0	236,600
	2003*	3,300	1,500	1,400	3,800	4,200	800	32,100	69,400	1,100	7,600	2,900	11,600	14,800	19,300	1,000	6,400	0	181,200
	2004*	2,500	3,900	500	4,100	5,300	700	35,800	65,900	2,300	9,800	3,300	18,600	17,000	11,100	3,100	6,600	0	190,500
	2005*	2,400	4,700	1,700	4,300	6,600	200	42,500	71,200	2,000	4,000	2,000	10,400	10,100	26,400	6,900	12,200	0	207,600
	2006*	2,100	3,400	2,400	3,800	5,900	400	52,300	67,600	1,100	7,500	1,100	12,700	11,100	23,600	6,800	2,700	0	204,300
	2007*	3,400	2,900	2,400	2,600	3,700	200	56,900	93,700	2,800	2,800	2,100	10,500	13,600	22,200	13,600	5,100	0	238,500
	2008*	5,500	6,200	3,400	4,600	6,400	1,400	78,000	70,400	1,400	6,500	2,200	6,500	17,500	10,500	10,000	8,100	0	238,400
	2009*	1,600	6,400	4,500	4,200	2,700	900	63,000	54,700	900	12,700	1,500	6,500	16,800	16,500	23,000	21,100	0	236,900
	2010*	4,700	3,300	500	2,200	2,300	1,000	45,300	42,100	3,200	15,300	1,100	3,600	15,600	29,700	11,100	5,400	0	186,500
	2011*	1,700	4,600	2,500	1,500	2,900	200	53,100	15,000	1,400	2,400	5,400	5,100	14,700	8,900	13,900	19,000	0	152,300
	2012*	3,400	4,500	2,700	1,600	1,400	0	58,200	27,400	1,500	8,600	2,800	10,700	9,700	37,700	10,500	6,600	0	187,400
	2013*	3,900	5,200	1,500	2,100	1,200	100	69,400	33,200	600	6,000	900	5,900	10,700	7,200	9,300	4,700	0	161,700
	2014*	2,900	6,100	2,000	2,700	3,400	400	70,900	31,400	500	3,300	400	8,200	7,500	11,400	5,600	21,400	0	178,100
	2015*	2,900	3,400	1,600	2,500	900	400	32,000	21,300	700	3,500	1,900	9,800	6,100	9,000	5,300	19,200	700	121,200
	2016*	2,700	2,100	0	1,000	1,600	300	29,800	6,000	0	2,700	300	1,000	900	0	1,800	12,600	0	62,900
	2017*	6,400	7,000	1,000	1,300	1,000	400	44,600	11,100	900	4,600	2,800	6,900	5,500	10,900	5,000	10,100	0	119,700
	2018*	6,100	3,500	1,000	3,200	1,900	500	37,500	0	500	6,300	1,400	6,000	5,600	6,100	3,500	2,600	0	85,800
2019*	4,100	2,800	600	3,200	1,500	100	51,900	24,400	800	3,100	1,100	6,100	6,300	12,700	3,700	5,200	0	127,700	
2020*	6,900	4,600	1,400	2,800	4,300	300	42,900	18,200	1,400	2,000	3,800	4,900	13,000	10,500	5,200	15,800	0	138,100	
Regular	1999	2,100	1,100	3,200	5,500	10,100	1,700	19,900	38,500	1,600	2,900	300	9,500	9,000	9,000	10,000	12,500	1,000	137,900
	2000	5,300	800	3,500	5,300	10,000	2,000	25,600	27,500	2,100	3,900	200	15,700	16,100	9,000	11,100	12,200	0	150,300
	2001	3,100	1,300	2,400	6,500	13,100	2,000	41,500	75,100	2,900	10,000	6,600	112,800	22,400	15,700	10,200	26,100	1,200	352,900
	2002	7,600	2,700	4,800	8,700	16,000	2,400	60,500	102,000	3,100	16,200	14,900	100,500	38,200	18,200	22,800	14,500	0	433,100
	2003*	6,300	2,200	3,800	5,200	14,000	3,400	64,700	93,700	3,100	16,300	8,800	119,800	30,800	22,600	13,800	18,900	3,800	431,200
	2004*	4,500	3,200	2,700	7,100	14,300	3,500	73,500	80,300	5,100	12,800	10,700	123,400	23,900	17,000	13,900	14,600	300	410,800
	2005*	5,400	4,600	3,600	4,400	13,700	2,800	77,500	78,400	1,900	19,200	17,000	159,600	42,100	46,800	20,700	22,900	0	520,600
	2006*	7,700	4,400	4,300	6,200	7,400	4,500	61,500	76,200	1,400	19,400	11,700	140,000	21,000	19,700	20,300	12,200	2,800	420,800
	2007*	5,700	3,400	4,100	6,100	13,400	4,800	81,200	182,300	3,800	27,900	19,900	151,500	37,800	32,200	11,200	17,300	0	602,600
	2008*	8,300	6,100	3,600	7,300	16,500	2,500	85,200	161,200	3,300	22,800	26,400	207,200	38,000	35,900	13,800	24,000	0	662,000
	2009	3,100	5,200	7,000	9,400	6,300	1,800	108,900	107,300	6,100	32,500	23,400	156,500	46,900	33,500	9,700	52,200	2,500	612,300
	2010*	4,500	6,300	5,400	7,500	6,500	2,700	82,300	111,100	3,200	28,900	33,200	197,200	55,600	24,900	8,200	18,400	2,100	598,000
	2011*	2,000	3,700	5,500	9,100	6,600	2,700	73,500	60,100	2,300	7,400	7,100	106,300	46,000	20,900	3,400	15,400	0	371,900
	2012*	6,100	4,000	2,200	7,800	6,500	1,500	77,700	76,600	4,300	23,300	11,800	165,000	42,000	36,000	29,200	8,800	0	502,700
	2013*	4,900	4,400	4,500	3,800	7,500	4,600	64,900	70,700	4,300	42,300	17,000	146,700	47,100	48,700	7,900	27,400	0	506,600
	2014*	6,100	6,200	3,800	4,800	8,000	5,100	67,400	75,500	1,900	26,400	17,400	105,800	37,800	25,800	30,200	30,300	0	452,700
	2015*	4,200	3,300	2,500	7,200	4,700	3,200	63,400	52,800	3,000	11,800	10,200	88,600	33,900	27,000	14,000	37,400	100	367,300
	2016*	8,700	6,700	4,700	10,400	10,800	2,600	116,600	94,100	3,900	28,000	13,300	152,900	83,400	51,800	13,900	49,300	0	651,200
	2017*	8,900	8,900	4,600	5,900	7,700	7,500	62,500	67,800	4,700	20,000	21,800	171,600	27,700	30,500	10,100	15,200	0	477,300
	2018*	5,300	3,800	2,200	14,100	6,100	7,000	29,000	89,300	2,300	10,600	7,000	84,800	25,800	29,300	3,200	10,200	0	330,300
2019*	3,100	2,700	3,800	5,500	7,700	2,000	37,000	71,600	2,500	10,600	6,800	39,300	24,500	34,800	9,000	16,100	0	280,900	
2020*	7,500	7,200	2,300	9,500	6,800	1,700	30,100	52,200	3,000	18,000	7,700	49,600	17,300	19,800	7,700	9,700	0	251,600	
Late	1999	NS ^a	NS ^a	NS ^a	1,700	4,100	400	1,200	18,200	NS ^a	5,200	NS ^a	NS ^a	14,300	NS ^a	NS ^a	NS ^a	NS ^a	45,100
	2000	NS ^a	NS ^a	NS ^a	3,200	5,700	700	900	16,200	NS ^a	3,500	NS ^a	NS ^a	20,400	NS ^a	NS ^a	NS ^a	NS ^a	50,600
	2001	NS ^a	NS ^a	NS ^a	3,000	200	400	700	32,700	NS ^a	2,600	NS ^a	12,500	17,400	NS ^a	NS ^a	NS ^a	NS ^a	69,500
	2002	NS ^a	NS ^a	NS ^a	1,300	1,400	200	0	19,500	NS ^a	1,900	NS ^a	NS ^a	16,000	NS ^a	NS ^a	NS ^a	NS ^a	40,300
	2003*	NS ^a	NS ^a	NS ^a	3,900	500	800	0	25,200	NS ^a	2,000	NS ^a	NS ^a	17,000	NS ^a	NS ^a	NS ^a	NS ^a	49,400
	2004*	NS ^a	NS ^a	NS ^a	4,000	800	200	0	21,400	NS ^a	2,000	NS ^a	NS ^a	14,100	NS ^a	NS ^a	NS ^a	NS ^a	42,500
	2005*	NS ^a	NS ^a	NS ^a	3,900	600	100	0	31,300	NS ^a	1,000	NS ^a	NS ^a	9,200	NS ^a	NS ^a	NS ^a	NS ^a	46,100
	2006*	NS ^a	NS ^a	NS ^a	3,100	700	400	0	16,800	NS ^a	600	NS ^a	NS ^a	15,700	NS ^a	NS ^a	NS ^a	NS ^a	37,300
	2007*	NS ^a	NS ^a	NS ^a	2,300	1,400	100	0	NS ^a	NS ^a	3,900	NS ^a	NS ^a	11,800	NS ^a	NS ^a	NS ^a	NS ^a	19,600
	2008*	NS ^a	NS ^a	NS ^a	1,200	0	100	200	NS ^a	NS ^a	1,100	NS ^a	NS ^a	16,800	NS ^a	NS ^a	NS ^a	NS ^a	19,500
	2009*	NS ^a	NS ^a	NS ^a	2,900	0	200	0	NS ^a	NS ^a	2,100	NS ^a	NS ^a	0	NS ^a	NS ^a	NS ^a	NS ^a	5,200
	2																		

TUNDRA SWAN HUNTING PERMITS ISSUED FOR THE EASTERN AND WESTERN POPULATIONS																							
Year	EASTERN POPULATION														WESTERN POPULATION					TOTAL			
	MT		ND		SD		DE		NJ		NC		VA		TOTAL		UT	ID	NV		MT	AK	TOTAL
	Allowed	Issued	Allowed	Issued	Allowed	Issued	Allowed	Issued	Allowed	Issued	Allowed	Issued	Allowed	Issued	Allowed	Issued							
1962																	1,000					1,000	1,000
1963																	1,000					1,000	1,000
1964																	1,000					1,000	1,000
1965																	995					995	995
1966																	1,000					1,000	1,000
1967																	1,000					1,000	1,000
1968																	1,000					1,000	1,000
1969																	2,500		500			3,000	3,000
1970																	2,500		500	500		3,500	3,500
1971																	2,495		500	500		3,495	3,495
1972																	2,500		500	500		3,500	3,500
1973																	2,500		500	500		3,500	3,500
1974																	2,500		500	500		3,500	3,500
1975																	2,500		500	500		3,500	3,500
1976																	2,500		500	500		3,500	3,500
1977																	2,488		500	500		3,488	3,488
1978																	2,500		500	500		3,500	3,500
1979																	2,500		500	500		3,500	3,500
1980																	2,500		500	500		3,500	3,500
1981																	2,500		500	500		3,500	3,500
1982																	2,500		500	500		3,500	3,500
1983	500	109	1,000	0	500	0									2,000	109	2,500		650	500		3,650	3,759
1984	500	108	1,000	0	500	0				1,000	1,000				3,000	1,108	2,500		650	500		3,650	4,758
1985	500	120	1,000	0	500	0				6,000	6,000				8,000	6,120	2,488		650	500		3,638	9,758
1986	500	170	1,000	0	500	0				6,000	6,000				8,000	6,170	2,500		608	500		3,608	9,778
1987	500	171	1,000	0	500	0				6,000	5,968				8,000	6,139	2,499		594	500		3,593	9,732
1988	500	99	1,000	400	500	0			200	6,000	5,995	600	600	600	8,800	7,094	2,500		260	500	112	3,372	10,466
1989	500	167	1,000	1,000	500	0			200	6,000	5,444	600	600	600	8,800	7,211	2,500		324	500	130	3,454	10,665
1990	500	173	1,000	1,000	500	500			200	6,000	5,989	600	600	600	8,800	8,262	2,500		297	500	81	3,378	11,640
1991	500	204	2,000	2,000	1,000	1,000			200	6,000	6,000	600	600	600	10,300	9,804	2,500		258	500	84	3,342	13,146
1992	500	217	2,000	2,000	1,500	1,502			200	6,000	5,961	600	600	600	10,800	10,280	2,500		100	500	89	3,189	13,469
1993	500	212	2,000	2,000	1,500	1,500			200	6,000	6,000	600	400	400	10,800	10,112	2,500		205	500	170	3,375	13,487
1994	500	232	2,000	2,000	1,500	1,500			200	6,000	6,000	600	600	600	10,800	10,332	2,500		206	500	216	3,422	13,754
1995	500	291	2,000	2,000	1,500	1,500			200	6,000	6,000	600	600	600	10,800	10,391	2,750		383	500	210	3,843	14,234
1996	500	372	2,000	2,000	1,500	1,235				5,000	5,000	600	600	600	9,600	9,207	2,750		376	500	192	3,818	13,025
1997	500	364	2,000	2,000	1,500	1,077				5,000	5,000	600	600	600	9,600	9,041	2,750		381	500	201	3,832	12,873
1998	500	429	2,000	2,000	1,500	1,216				5,000	5,000	600	600	600	9,600	9,245	2,750		492	500	192	3,934	13,179
1999	500	432	2,000	2,000	1,500	863				5,000	5,000	600	600	600	9,600	8,895	2,750		518	500	227	3,995	12,890
2000	500	434	2,000	2,000	1,500	849				5,000	5,000	600	600	600	9,600	8,883	2,000		493	500	164	3,157	12,041
2001	500	398	2,000	2,000	1,500	983				5,000	5,000	600	600	600	9,600	8,981	2,000		308	500	255	3,063	12,044
2002	500	393	2,000	2,000	1,500	1,060				5,000	5,000	600	600	600	9,600	9,053	1,998		264	500	252	3,014	12,067
2003	500	423	2,200	2,200	1,300	1,002				5,000	5,000	600	600	600	9,600	9,225	2,000		298	500	215	3,013	12,238
2004	500	320	2,200	2,200	1,300	820				5,000	5,000	600	600	600	9,600	8,940	2,000		330	500	175	3,005	11,945
2005	500	348	2,200	2,200	1,300	811				5,000	5,000	600	600	600	9,600	8,959	1,997		370	500	176	3,043	11,945
2006	500	340	2,200	2,200	1,300	801				5,000	5,000	600	600	600	9,600	8,941	1,994		605	500	168	3,267	21,308
2007	500	323	2,200	2,200	1,300	1,064				5,000	5,000	600	600	600	9,600	9,187	2,000		650	500	162	3,312	12,499
2008	500	307	2,200	2,200	1,300	958				5,000	5,000	600	600	600	9,600	9,065	2,000		535	500	182	3,217	12,282
2009	500	327	2,200	2,200	1,300	1,242				5,000	5,000	600	600	600	9,600	9,369	2,000		472	405	174	3,051	12,420
2010	500	369	2,200	2,200	1,300	1,234				5,000	5,000	600	600	600	9,600	9,403	2,000		469	500	212	3,181	12,584
2011	500	320	2,200	2,200	1,300	1,156				5,000	5,000	600	600	600	9,600	9,276	2,000		527	500	228	3,255	12,531
2012	500	338	2,200	2,200	1,300	1,266				5,000	5,000	600	600	600	9,600	9,404	2,000		650	500	165	3,315	12,719
2013	500	354	2,200	2,200	1,300	1,259				5,000	5,000	600	600	600	9,600	9,413	2,000		488	500	189	3,177	12,590
2014	500	401	2,200	2,200	1,300	1,216				5,000	5,000	600	600	600	9,600	9,417	2,000		234	500	159	2,893	12,310
2015	500	432	2,200	2,200	1,300	1,299				5,000	5,000	600	600	600	9,600	9,531	2,000		105	500	127	2,732	12,263
2016	500	410	2,200	2,200	1,300	1,083				5,000	5,000	600	600	600	9,600	9,293	2,000		650	500	114	3,264	12,557
2017	625	338	2,500	2,700	1,875	1,068				6,250	6,250	750	750	750	12,000	11,106	2,000		579	500	111	3,190	14,296
2018	625	354	2,500	2,700	1,875	1,189				6,250	6,250	750	750	750	12,000	11,243	2,000		650	500	109	3,259	14,502
2019	500	500	2,700	2,700	1,675	1,185	84	84		6,115	6,115	801	801	801	11,875	11,385	2,750		650	500	137	4,037	15,422
2020	500	500	2,200	2,200	1,300	1,166	67	67		4,895	4,895	638	638	638	9,600	9,466	2,750	50	650	500	84	4,034	13,500
AVERAGES:																							
1962-69																	1,187		500			1,249	1,249
1970-79																	2,498		500	500		3,498	3,498
1980-89	135		200								5,068		600		4,850		2,499		524	500	121	3,547	6,942
2000-09	284		2,140			959				5,000		600		9,060		1,999		433	491	192	3,114	13,079	
2010-14	331		2,200			1,148				5,000		600		9,278		2,000			501	476	199	3,176	12,454
2015-19	422		2,450			1,165		76		5,585		690		10,337		2,250		50	547	500	114	3,419	13,757
Start-2020	311		1,776			911		76		5,267		610		8,659		2,295		50	446	498	166	3,383	12,281

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
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
2010-14	216	1,693	709		4,200	453	7,272	1,712		361	368	112	2,553	9,825
2015-20	240	1,673	913	54	4,654	510	8,007	1,847	32	369	307	57	2,584	10,592
Start-2020	187	1,553	805	54	4,301	491	6,809	1,906	32	328	348	91	2,661	9,471

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
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
2000-09	59	671	182		2,308	179	3,417	717		101	230	73	1,120	4,537
2010-14	58	823	242		2,442	196	3,761	741		114	237	76	1,167	4,928
2015-20	70	679	188	31	2,682	182	3,810	1,005	18	165	171	46	1,390	5,200
Start-2020	70	677	259	31	2,462	176	3,426	875	18	119	227	54	1,268	4,694

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
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
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
2010-14	0.56	0.46	0.36		0.62	0.40	0.54	0.45		0.27	0.67	0.60	0.47	0.52
2015-20	0.31	0.43	0.23	0.68	0.59	0.36	0.49	0.59	0.56	0.44	0.59	0.87	0.58	0.51
Start-2020	0.39	0.49	0.36	0.68	0.60	0.38	0.53	0.52	0.56	0.38	0.70	0.64	0.52	0.54

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
AVERAGES:								
61-65	1.76	1.34	0.80	1.44	1.28	1.47	1.52	1.47
66-70	1.85	1.42	0.80	1.56	1.32	1.66	1.26	1.54
71-75	1.84	1.31	0.83	1.43	1.25	1.65	1.22	1.53
76-80	1.82	1.12	0.80	1.45	1.17	1.57	1.32	1.49
81-85	1.59	1.13	0.72	1.27	1.12	1.79	1.38	1.68
86-90	1.64	1.14	0.74	1.16	1.12	1.31	1.13	1.27
91-95	1.16	0.99	0.72	1.10	0.99	1.18	0.99	1.12
96-2000	1.06	0.91	0.74	1.22	0.96	1.09	1.21	1.12
2001-05	1.25	1.26	0.83	1.46	1.20	1.13	1.21	1.17
2006-10	1.31	1.31	1.02	1.46	1.29	1.25	1.53	1.30
2011-15	1.34	1.55	1.26	1.47	1.45	1.27	2.04	1.39
2016-20	1.16	1.06	0.85	1.18	1.05	1.34	1.56	1.38

* - Preliminary

Number of Canada goose breeding pairs estimated for the Ungava Peninsula (regions 1,2 and 3) of northern Quebec.

Year ^a	Total area (km ²)	Surveyed area (km ²)	TOTAL PAIRS (SE)
1988	224,869	575	118,159 (15,137)
1993	224,869	838	92,992 (12,466)
1994	224,869	1,211	43,184 (3,991)
1995	224,869	1,204	33,995 (3,045)
1996	224,869	1,204	51,466 (4,789)
1997	224,869	1,211	72,079 (6,584)
1998	224,869	1,211	48,559 (4,471)
1999	224,869	1,198	83,750 (7,629)
2000	224,869	1,211	95,777 (8,447)
2001	224,869	1,211	135,196 (12,533)
2002	224,869	1,211	182,371 (17,587)
2003	224,869	1,211	174,942 (17,246)
2004	224,869	1,185	191,789 (19,192)
2005	224,869	1,211	175,679 (16,737)
2006	224,869	850	186,109 (19,951)
2007	224,869	1,191	207,262 (21,115)
2008	224,869	1,185	174,007 (18,195)
2009	224,869	1,211	186,844 (19,713)
2010	224,869	1,211	165,075 (17,503)
2011	224,869	1,204	216,032 (23,230)
2012	224,869	1,211	190,340 (20,448)
2013 ^b	-	-	- -
2014	224,869	953	191,234 (20,050)
2015	224,869	960	161,302 (16,040)
2016	224,869	915	191,526 (24,898)
2017	224,869	915	161,147 (17,246)
2018	224,869	915	112,235 (11,338)
2019	224,869	915	119,530 (11,962)
2020 ^b	-	-	- -
2021 ^b	-	-	- -

^a1988 (Malecki and Trost 1990); 1993 (Bordage and Plante 1993); 1994 (Harvey 1994); 1995 (Harvey and Bourget 1995); 1996 (Harvey and Bourget 1996); 1997 (Harvey and Bourget 1997); 1998-2005 (Harvey and Rodrigue 1998-2012).

^bSurvey not flown

Population estimates, and credible intervals, of North Atlantic Population Canada geese as derived from a composite estimate of USFWS and CWS surveys, 1990-2021

Year	Mean	Credible intervals				
		2.5%	25%	50%	75%	97.5%
1990	45,142	31,117	39,128	43,997	49,887	66,315
1991	45,666	31,934	39,531	44,573	50,720	65,204
1992	42,529	29,381	37,094	41,656	47,114	60,746
1993	50,088	35,368	43,347	48,564	55,292	72,672
1994	47,691	33,801	41,495	46,467	52,837	68,673
1995	45,879	32,261	40,029	44,676	50,672	65,121
1996	59,435	41,786	51,413	57,923	65,719	86,714
1997	54,878	39,860	48,146	53,732	59,905	77,519
1998	50,552	37,370	44,563	49,318	55,286	70,399
1999	61,083	43,770	53,373	59,781	67,201	86,447
2000	51,138	37,452	45,013	50,081	56,031	71,105
2001	51,013	37,088	44,662	49,862	55,822	72,058
2002	51,080	37,042	45,146	49,930	55,922	70,872
2003	48,619	35,463	42,795	47,668	53,033	67,694
2004	53,570	39,058	47,057	52,119	58,876	74,873
2005	46,610	33,840	40,951	45,658	51,096	65,335
2006	47,769	35,136	42,074	46,705	52,025	66,009
2007	53,044	38,973	46,794	51,814	58,017	73,895
2008	48,239	35,617	42,515	47,075	52,609	67,588
2009	50,649	36,951	44,810	49,457	55,425	70,027
2010	49,227	36,341	43,478	48,107	53,983	68,242
2011	52,035	37,804	45,706	50,864	56,936	72,189
2012	51,799	37,874	45,707	50,712	56,701	71,807
2013	53,393	39,238	46,785	52,094	58,432	75,113
2014	55,626	40,710	49,249	54,393	60,767	76,727
2015	51,773	37,988	45,660	50,451	56,458	72,184
2016	50,633	37,375	44,631	49,552	55,443	70,094
2017	48,762	35,619	43,154	47,592	53,528	68,424
2018	54,132	39,839	47,858	52,819	59,227	75,086
2019	52,485	38,679	46,620	51,489	56,987	72,070
2020	No Survey					
2021	No Survey					
3-year Average (2017-2019)	51,793	38,045	45,877	50,633	56,581	71,860

GREATER SNOW GOOSE POPULATION AND PRODUCTIVITY ESTIMATES FROM THE ST. LAWRENCE VALLEY, 1973-2021 (CWS-Quebec Region)					
Year	Estimated spring population ¹	Percent young in fall flight ²		Brood size ³ in fall	
		Mean	No. geese	Mean	No. broods
1973	143,000	40.6	800	2.94	49
1974	165,000	6.4	7,282	2.19	119
1975	153,800	31.2	17,579	2.71	1,294
1976	165,600	12.6	20,847	2.46	419
1977	160,000	23.9	10,297	2.28	396
1978	192,600	17.9	9,679	2.34	309
1979	170,100	28.2	20,849	2.65	1,226
1980	180,000	35.3	12,120	2.76	651
1981	170,800	16.3	10,683	2.3	229
1982	163,000	25.1	9,577	2.48	661
1983	185,000	47.4	12,353	2.86	1,246
1984	225,400	30.4	39,781	2.63	2,434
1985	260,000	25.8	33,700	2.49	1,682
1986	303,500	2.3	22,998	1.89	74
1987	255,000	40.2	33,278	2.77	1,882
1988	363,800 ⁴	33.1	40,246	2.76	2,444
1989	363,200	31.1	29,191	2.59	2,014
1990	368,300	23.6	20,313	2.54	830
1991	352,600	38.3	15,102	2.69	1,247
1992	448,100	5.4	32,252	2.06	404
1993	498,400	47.8	24,163	2.75	2,743
1994	591,400	9.2	16,444	2.44	242
1995	616,600	16.6	19,519	2.47	665
1996	669,100	25.1	22,595	2.34	1,247
1997	657,500	36.8	17,586	2.69	1,222
1998	(836,600) ⁵	33.1	17,982	2.52	1,440
1999	(1,008,000) ⁶	2.1	20,394	2.09	91
2000	(816,500) ⁵	22.7	20,468	2.54	1,302
2001		27.5	22,106	2.36	1,072
2002		6.0	18,930	1.91	274
2003		27.0	15,900	2.36	1,092
2004		17.8	26,206	2.44	1,031
2005		20.7	29,022	2.38	1,470
2006		19.7	23,378	2.34	1,143
2007		20.6	25,463	2.28	1,371
2008	(922,000) ⁵	40.0	32,020	2.62	3,188
2009	(1,071,000) ⁵	10.6	28,969	2.08	753
2010	(1,098,000) ⁵	19.6	27,030	2.26	1,533
2011		28.0	31,719	2.42	2,291
2012		12.2	25,822	2.19	834
2013		7.9	31,749	1.86	693
2014		21.5	28,194	2.15	1,896
2015		14.6	25,677	2.16	253
2016		17	28,078	2.14	1,245
2017		20	23,193	2.20	1,335
2018		5	27,955	1.94	317
2019		32	23,053	2.50	1,743
2020	No survey	16	-	-	-
2021	No survey	-	-	-	-

¹ From aerial photo counts

² From visual ground counts

³ Broods accompanied by 2 parents

⁴ No spring survey conducted - the value provided was derived from population model published in Gauvin & Reed (CWS Occas. Pap. No. 64. 1987)

⁵ The estimates in brackets have been corrected to account for flocks not observed during the survey, using data from a telemetry study.

Source, 1965-2000:

Reed, A., G. Gauthier, J-F. Giroux, and A. Béchet. 2000. Population and productivity surveys of greater snow geese in 2000. Report to the USFWS and the Atlantic Flyway Council Technical Section, February 2000.

Estimated mourning dove harvest in the Eastern Management Unit, 2003-2020.

Year	RI	PA	WV	DE	MD	VA	NC	SC	GA	FL	WI	IL	IN	OH	KY	TN	LA	MS	AL	EMU
2003	2,100	306,600	17,900	38,800	172,100	255,400	762,500	526,000	730,800	333,300		877,100	361,500	308,000	555,700	737,300	767,300	348,700	977,400	8,078,500
2004	3,100	296,100	15,300	54,900	176,400	347,700	215,900	663,700	963,400	255,000	97,300	890,600	291,700	325,400	593,500	780,800	388,600	627,600	724,900	7,712,000
2005	900	430,300	22,300	54,200	241,700	424,400	741,800	1,447,700	757,200	341,800	180,600	798,800	371,900	488,800	703,100	633,200	445,900	455,900	1,252,600	9,793,000
2006	500	372,200	14,600	39,400	162,700	304,200	861,500	696,200	851,500	298,800	100,900	948,700	190,500	284,400	491,300	656,100	373,700	492,800	1,015,300	8,155,400
2007	2,000	509,100	20,200	50,900	212,900	418,100	854,000	865,900	1,107,500	372,600	202,000	912,300	258,400	307,700	278,100	682,700	412,900	612,000	829,300	8,908,400
2008	4,400	340,900	16,900	33,800	151,800	333,600	757,900	844,500	718,700	516,500	122,300	683,100	255,700	205,900	369,400	798,200	188,200	452,400	877,400	7,671,800
2009	20	18,800	15,600	36,300	174,500	305,500	581,100	885,700	857,200	292,500	74,900	659,600	243,200	295,800	451,300	619,800	482,700	361,500	1,113,500	7,639,200
2010	<50	226,500	24,500	42,300	113,900	299,000	686,900	998,700	1,053,900	321,200	99,400	464,400	185,700	221,500	357,100	530,600	303,000	514,300	1,022,900	7,473,500
2011	<50	158,800	7,800	14,700	92,600	245,900	719,800	701,900	1,154,700	245,700	67,000	467,700	216,900	174,900	380,700	306,700	471,100	443,400	796,400	6,666,900
2012	500	203,200	10,300	39,900	94,300	295,900	1,020,600	554,600	735,700	175,100	73,200	372,700	263,300	136,000	511,800	464,400	354,100	286,900	687,100	6,279,900
2013	1,300	250,700	15,000	33,100	85,000	251,500	555,200	372,200	851,600	200,700	72,800	426,600	160,100	371,600	632,900	474,500	625,400	336,200	634,200	6,350,600
2014	1,200	147,200	7,000	13,600	86,500	160,700	626,100	681,500	661,600	155,400	51,100	380,800	147,500	168,800	255,000	413,000	172,200	293,400	467,200	4,889,800
2015	1,100	119,200	13,700	24,900	63,100	229,500	734,300	548,600	725,700	141,900	60,400	283,600	93,600	131,200	286,500	288,400	214,100	257,100	428,000	4,644,900
2016	1,300	142,900	14,900	20,100	65,100	208,600	662,300	555,200	701,600	88,200	45,500	316,600	115,200	149,100	305,400	408,500	184,600	225,100	396,000	4,606,000
2017	800	114,500	10,900	21,600	75,800	297,200	596,700	685,900	1,085,900	136,700	45,700	374,700	133,900	77,900	284,300	389,500	157,400	351,800	553,700	5,395,000
2018	1,700	103,400	15,600	16,700	58,900	235,700	764,800	595,200	790,000	120,600	20,600	169,900	129,900	191,800	271,300	310,900	149,900	308,200	486,400	4,741,200
2019	300	112,900	13,000	22,700	74,600	211,100	389,100	544,500	800,200	122,800	45,000	162,300	128,900	102,900	249,200	259,700	75,600	218,100	592,200	4,124,900
2020	400	127,100	9,500	9,900	88,500	242,200	643,300	392,500	970,200	165,200	53,100	186,900	191,600	146,900	319,700	513,200	203,600	247,400	725,600	5,236,700

All estimates are preliminary

Estimated numbers of mourning dove hunters in the Eastern Management Unit, 2003-2020.

Year	RI	PA	WV	DE	MD	VA	NC	SC	GA	FL	WI	IL	IN	OH	KY	TN	LA	MS	AL	EMU
2003	200	28,400	1,400	2,200	12,100	21,200	59,800	30,900	41,200	18,100		35,300	15,400	20,900	33,500	38,600	41,300	17,200	49,000	
2004	300	26,000	1,400	3,000	11,100	22,700	20,600	32,200	47,300	15,500	17,700	39,400	14,100	17,000	27,500	35,000	26,700	32,400	43,800	
2005	300	40,900	1,800	3,000	10,800	26,500	46,000	65,100	39,200	19,200	15,600	37,600	18,400	19,100	29,700	36,900	23,800	24,100	63,200	
2006	100	31,600	1,100	2,400	9,300	20,400	40,400	36,200	38,600	15,900	11,200	40,500	13,200	14,300	20,700	37,800	22,700	23,000	56,300	
2007	300	37,500	1,800	2,600	11,800	26,500	50,900	43,400	37,900	21,600	13,600	41,400	15,000	17,500	10,600	33,000	24,600	30,100	48,500	
2008	300	30,700	1,400	2,000	9,300	17,300	43,800	39,900	36,100	20,300	10,500	31,600	14,300	13,500	18,700	37,500	17,200	17,300	42,300	
2009	60	18,100	1,300	1,800	9,100	20,900	40,300	42,600	48,500	18,100	9,500	28,400	13,200	16,700	21,400	41,100	25,000	19,800	61,800	
2010	400	19,900	1,400	2,200	7,600	23,200	44,300	43,100	47,100	12,800	9,100	28,900	10,000	12,700	20,100	31,500	18,000	22,400	48,600	
2011	<50	13,500	700	1,400	6,400	16,400	49,700	35,700	53,800	13,700	8,800	25,400	10,000	14,200	18,500	21,400	25,500	20,800	42,600	
2012	100	18,000	1,000	2,400	6,200	19,900	62,100	25,100	35,600	10,700	8,900	20,500	14,100	8,600	21,500	27,000	17,800	11,800	38,500	
2013	200	17,700	1,300	1,800	6,000	16,900	43,500	20,400	47,600	10,900	9,000	24,400	7,700	19,900	29,500	27,400	24,800	17,200	36,800	
2014	90	19,700	500	1,100	6,000	15,600	39,800	30,000	39,700	9,300	7,500	20,200	7,300	12,000	14,200	27,600	15,200	13,800	30,600	310,200
2015	253	17,800	1,500	1,300	5,200	17,300	48,700	27,900	41,800	7,000	7,100	18,400	7,900	8,600	15,200	12,000	16,400	16,200	26,700	297,000
2016	200	14,200	1,100	1,600	5,200	15,300	46,800	29,900	44,600	7,600	5,100	15,700	6,700	10,700	14,200	25,200	13,700	13,800	31,400	303,100
2017	200	10,900	1,000	1,600	5,400	17,900	43,300	28,900	43,500	6,500	5,500	17,100	10,300	5,900	11,900	19,400	15,800	13,600	27,600	286,200
2018	600	9,500	1,400	1,100	5,700	16,000	37,200	28,200	32,400	8,800	3,600	11,900	7,400	12,800	15,000	15,500	8,000	15,700	30,400	261,300
2019	100	12,200	1,100	1,200	6,200	13,600	33,300	22,400	33,400	7,400	5,300	11,300	8,600	10,200	11,200	17,100	6,100	12,700	28,600	242,200
2020	100	14,000	1,000	1,700	5,700	16,200	42,400	21,500	39,300	8,700	6,300	14,200	11,400	10,500	13,300	26,000	10,000	15,300	36,200	293,800

All estimates are preliminary

Estimated seasonal mourning dove harvest per hunter in the Eastern Management Unit, 2003-2020.

Year	RI	PA	WV	DE	MD	VA	NC	SC	GA	FL	WI	IL	IN	OH	KY	TN	LA	MS	AL	EMU
2003	10.3	10.8	12.6	17.3	14.2	12.0	12.8	17.0	17.7	18.4		24.8	23.5	14.7	16.6	19.1	18.6	20.3	20.0	
2004	10.8	11.4	11.1	18.4	15.8	15.3	10.5	20.6	20.4	16.4	5.5	22.6	20.8	19.2	21.6	22.3	14.6	19.4	16.6	
2005	3.1	10.5	12.2	17.8	22.3	16.0	16.1	22.2	19.3	17.8	11.6	21.2	20.3	25.6	23.7	17.2	18.8	19.0	19.8	
2006	5.3	11.8	13.5	16.1	17.6	14.9	21.3	19.2	22.1	18.8	9.0	23.4	14.5	19.9	23.8	17.3	16.5	21.5	18.0	
2007	8.0	13.6	11.0	19.4	18.0	15.8	16.8	20.0	29.2	17.3	14.9	22.0	17.2	17.6	26.2	20.7	16.8	20.4	17.1	
2008	13.4	11.1	12.0	16.7	16.3	19.3	17.3	21.2	19.9	25.4	11.6	21.6	17.9	15.3	19.8	21.3	11.0	26.1	20.7	
2009	0.3	10.4	11.9	19.7	19.2	14.6	14.4	20.8	17.7	16.1	7.9	23.2	18.4	17.7	21.1	15.1	19.3	18.3	18.0	
2010	20.9	11.4	17.6	18.9	15.1	12.9	15.5	23.2	22.4	25.2	10.9	16.1	18.5	17.5	17.7	16.8	16.8	23.0	21.0	
2011	3.0	11.7	11.0	10.3	14.4	15.0	14.5	19.7	21.5	17.9	7.6	18.4	21.7	12.4	20.6	14.3	18.5	21.4	18.7	
2012	7.9	11.3	10.7	16.5	15.1	14.9	16.4	22.1	20.7	16.4	8.3	18.2	18.7	15.8	23.8	17.2	19.9	24.3	17.8	
2013	6.9	14.2	11.5	18.1	14.2	14.8	12.8	18.2	17.9	18.4	8.1	17.5	20.8	18.6	21.5	17.4	25.2	19.5	17.2	
2014	13	7.5	13.5	12.8	14.5	10.3	15.7	22.7	16.7	16.7	6.8	18.9	20.1	14	17.9	15	11.4	21.2	15.3	
2015	4.3	6.7	9.3	19.5	12.1	13.2	15.1	19.7	17.3	20.3	8.5	15.4	11.9	15.3	18.9	24	13.1	15.9	16.1	
2016	6	10.1	14	12.3	12.5	13.7	14.1	18.6	15.7	11.6	8.9	20.1	17.1	13.9	21.5	16.2	13.5	16.3	12.6	
2017	4.0	8.9	10.2	12.5	12.5	14.7	12.3	20.9	22.2	18.3	7.5	20.1	11.9	11.4	21.4	17.3	9.0	23.3	17.5	
2018	3	9.4	9.6	13.1	9	12.8	18.4	18.5	21	12.3	5	13	14.9	13.2	16.3	17.8	16.7	17.4	13.7	

Estimated mourning dove harvest in the United States, 2003-2020.				
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

All estimates are preliminary

Estimated mourning dove hunter days in the United States, 2003-2020.				
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

All estimates are preliminary

Estimated American woodcock harvest in the Eastern Management Region, 2003-2020.																		
Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	EMR
2003	31,000	2,700	3,900	4,000	2,400	100	14,500	8,400	400	4,000	400	3,500	4,700	4,700	1,800	1,900	900	89,200
2004	27,000	4,200	9,700	6,600	5,000	1,300	17,500	37,000	1,300	3,400	2,200	2,500	4,500	700	2,500	7,100	3,100	135,400
2005	9,100	6,500	5,200	2,300	4,000	200	10,700	19,200	1,000	2,400	300	500	4,100	1,800	3,000	1,800	300	72,200
2006	15,600	2,400	5,900	3,100	3,500	0	10,200	18,400	900	1,400	300	2,000	3,100	4,600	6,100	500	200	78,000
2007	13,700	2,000	5,400	2,100	1,700	200	9,800	11,100	1,700	1,600	1,600	400	2,600	7,500	1,200	7,800	5,600	75,900
2008	18,800	6,300	5,600	2,300	1,600	100	10,000	19,200	500	1,600	400	2,400	1,600	9,100	7,300	10,000	7,900	104,700
2009	8,400	1,500	8,400	2,400	1,000	600	7,700	7,400	600	3,400	200	600	1,600	9,300	1,400	0	8,700	63,300
2010	31,700	6,200	9,500	2,600	700	400	12,000	12,800	500	3,800	900	2,000	1,100	3,400	1,700	10,300	200	99,800
2011	11,900	5,200	7,500	4,000	1,800	100	11,600	14,200	500	1,900	500	2,100	2,500	5,900	1,000	6,000	300	77,000
2012	9,600	3,000	3,800	1,900	1,700	300	8,400	13,500	2,000	3,100	800	2,400	1,200	13,400	7,900	800	12,600	86,400
2013	5,800	4,100	8,000	2,400	1,200	300	11,700	8,200	300	7,400	200	1,900	5,700	1,400	2,100	800	1,000	62,500
2014	10,400	3,000	5,600	2,100	1,000	400	8,400	6,600	200	3,600	100	500	1,900	8,200	4,400	1,900	500	58,600
2015	4,700	3,400	9,100	1,800	700	100	8,600	5,400	700	4,700	100	1,100	3,200	7,100	1,900	1,700	0	54,500
2016	6,700	5,300	6,600	2,600	900	200	4,800	3,900	700	3,800	400	500	1,900	4,300	1,200	500	<50	44,400
2017	17,700	3,600	5,100	2,000	1,600	200	6,400	9,000	500	1,800	200	400	3,500	7,200	4,800	1,800	200	65,900
2018	10,700	2,400	5,700	3,900	1,000	200	5,200	4,100	400	3,200	100	1,500	2,400	6,500	1,300	4,300	200	53,100
2019	6,600	3,000	3,700	2,400	1,300	200	7,000	2,900	400	2,100	100	300	1,800	3,400	1,400	1,800	0	38,400
2020	10,200	2,100	4,300	2,600	600	100	6,100	4,600	800	3,500	600	800	4,000	14,400	1,000	1,000	0	56,600

All estimates are preliminary

Estimated numbers of American woodcock hunters in the Eastern Management Region, 2003-2020.																		
Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	EMR
2003	6,600	800	1,900	1,200	1,400	100	5,700	9,500	200	1,000	400	1,600	3,000	900	2,100	400	800	
2004	4,300	800	1,500	1,000	900	200	4,400	9,000	400	1,100	400	700	2,000	200	1,700	2,600	1,000	
2005	5,800	1,500	2,200	1,300	1,300	200	4,300	11,300	400	1,400	100	500	1,400	1,800	1,700	400	1,000	
2006	7,800	800	1,600	1,300	1,300	200	4,400	10,100	200	700	200	800	1,600	1,600	2,300	1,400	1,100	
2007	5,200	700	2,300	900	800	100	5,000	10,600	400	800	400	1,000	500	2,400	700	1,600	2,900	
2008	5,400	1,400	1,600	1,200	900	100	4,500	9,000	500	500	400	1,800	1,400	2,400	3,600	3,100	2,400	
2009	3,100	1,200	3,200	1,100	1,000	300	4,500	7,000	400	900	300	800	600	4,700	1,200	3,600	3,000	
2010	7,100	1,300	2,300	900	700	200	4,000	9,100	300	1,300	300	1,100	300	3,400	5,300	3,400	200	
2011	4,100	1,600	2,600	1,900	1,100	100	4,200	7,500	200	1,000	100	2,400	1,600	500	1,900	2,600	100	
2012	3,400	700	1,100	800	700	100	4,800	6,900	700	1,200	300	1,300	600	1,000	2,500	1,500	4,900	
2013	2,200	1,400	2,600	900	800	100	3,900	6,400	200	2,000	<50	1,200	2,200	1,900	3,000	800	1,800	
2014	2,300	1,200	1,700	1,100	600	200	4,700	5,000	300	400	200	1,100	1,400	3,200	3,800	3,700	<50	
2015	2,100	1,200	2,100	1,000	800	100	3,900	5,000	400	700	100	1,100	1,000	3,900	2,800	700	<50	27,000
2016	3,200	1,800	2,000	1,300	900	100	3,200	6,300	400	900	200	500	700	2,600	200	2,000	200	26,600
2017	5,000	1,300	2,400	1,200	600	0	3,300	5,200	400	800	200	100	1,700	1,200	1,400	3,600	200	28,700
2018	3,800	900	2,000	1,400	600	100	3,400	1,500	100	900	100	800	2,700	3,400	1,900	4,400	100	28,300
2019	3,300	1,200	1,800	1,500	800	100	2,800	4,100	300	1,100	0	200	800	2,300	200	4,800	100	25,400
2020	5,500	1,100	2,400	1,600	500	300	3,200	4,200	200	900	400	900	2,400	6,400	200	300	2,400	32,900

All estimates are preliminary

Estimated seasonal American woodcock harvest per hunter in the Eastern Management Region, 2003-2020.																		
Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	EMR
2003	4.7	3.4	2.0	3.3	1.6	0.9	2.5	0.9	1.6	3.8	1.1	2.2	1.6	5.3	0.9	5.0	1.1	
2004	3.6	4.9	2.7	2.7	2.3	1.0	2.1	1.4	2.3	2.1	1.3	1.0	1.0	3.7	0.8	0.6	1.1	
2005	1.6	4.5	2.4	1.7	3.1	0.8	2.5	1.7	2.5	1.7	2.0	1.0	2.8	1.0	1.7	4.3	0.3	
2006	2.0	3.0	3.8	2.3	2.8	0.0	2.3	1.8	3.5	2.0	1.6	2.6	1.9	2.8	2.7	0.3	0.2	
2007	2.7	2.9	2.3	2.2	2.1	2.5	2.0	1.1	4.2	1.9	3.9	0.4	5.1	3.1	1.7	5.0	1.9	
2008	3.5	4.5	3.4	2.0	1.8	1.5	2.2	2.1	1.0	3.2	1.2	1.4	1.1	3.8	2.1	3.2	3.4	
2009	2.7	1.2	2.7	2.3	1.0	1.9	1.7	1.1	1.5	3.7	0.7	0.8	2.5	2.0	1.1	0.0	2.9	
2010	4.5	4.8	4.1	2.8	0.9	2.1	3	1.4	1.6	2.9	2.4	1.8	3.7	1	0.3	3	1	
2011	2.9	3.2	2.9	2.1	1.6	2.0	2.7	1.9	3.0	1.9	4.1	0.9	1.6	11.5	0.5	2.3	2.7	
2012	2.9	4.1	3.4	2.3	2.5	2.3	1.7	2.0	2.8	2.6	2.7	1.8	2.0	14.0	3.2	0.5	2.6	
2013	2.6	3.0	3.0	2.6	1.5	4.0	3.0	1.3	1.6	3.7	4.3	1.6	2.5	0.7	0.7	1.0	0.6	
2014	4.6	2.4	3.3	1.9	1.6	1.6	1.8	1.3	0.7	9.4	0.4	0.4	1.4	2.6	1.1	0.5	18.0	
2015	2.2	2.7	4.3	1.7	0.9	1.4	2.2	1.1	2.1	7.2	1.3	1	3.3	1.8	0.7	2.3	0	
2016	2.1	2.9	3.3	1.9	0.9	2.5	1.5	0.6	1.9	4.4	2.7	0.8	2.6	1.7	5.6	0.3	0.3	
2017	3.4	2.7	2.1	1.5	2.5	4.3	1.8	1.6	1.2	2.1	1.0	2.9	2.0	5.6	3.4	0.4	1.0	
2018	2.5	2.5	2.7	2.5	1.4	1.5	1.5	2.7	2.7	3.2	0.6	2	0.8	1.8	0.7	0.9	3	
2019	1.9	2.3	1.8	1.5	1.6	1.3	2.3	0.7	1.3	1.3	2.5	1.4	1.8	1.5	5.5	0.4	0.0	
2020	1.7	1.9	1.7	1.5	1.1	0.5	1.8	0.8	2.5	2.9	1.3	0.9	1.6	2	6.2	3	0	

All estimates are preliminary

Estimated American woodcock hunter days in the Eastern Management Region, 2003-2020.																		
Year	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	EMR
2003	21,400	4,100	5,400	6,100	6,300	700	21,400	48,400	500	4,000	1,600	3,000	7,200	4,000	14,100	1,500	2,500	152,300
2004	27,000	4,200	9,700	6,600	5,000	1,300	17,500	37,000	1,300	3,400	2,200	2,500	4,500	700	2,500	7,100	3,100	135,400
2005	25,200	10,000	10,600	7,100	6,800	800	16,700	56,800	1,500	4,900	200	1,400	11,800	2,100	3,900	2,500	1,800	164,200
2006	33,200	3,400	6,800	5,900	5,500	500	18,700	36,600	800	2,800	500	1,800	5,300	6,400	8,400	5,600	2,200	144,200
2007	22,600	3,000	11,500	5,000	3,200	100	23,100	41,100	1,500	3,400	1,700	2,700	2,400	11,200	1,500	6,200	4,800	145,000
2008	26,100	9,200	9,400	5,600	3,600	600	18,200	35,000	1,000	2,100	1,300	9,300	2,700	7,900	15,600	7,000	14,600	169,000
2009	22,100	7,500	17,000	6,600	5,100	1,000	17,700	32,500	2,300	3,900	700	1,900	3,300	27,000	3,900	10,800	14,800	178,000
2010	40,800	5,400	14,200	5,300	3,200	800	13,300	35,600	1,100	3,700	1,600	2,100	1,200	3,400	11,100	3,400	400	146,700
2011	30,500	8,300	15,000	8,500	5,300	500	19,200	34,400	600	2,600	800	4,800	4,500	7,300	3,000	10,300	300	156,000
2012	16,100	5,100	6,900	4,200	3,800	1,200	22,900	28,500	3,200	5,800	1,000	2,200	2,600	8,200	5,500	5,700	14,800	137,800

Estimated Woodcock harvest in the United States, 2003-2020.			
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

All estimates are preliminary

Estimated Woodcock hunter days in the United States, 2003-2020.			
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

All estimates are preliminary

Estimated Rail and Common Snipe harvest in the Atlantic Flyway, 2001-2020.

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

All estimates are preliminary