

ATLANTIC FLYWAY

FINAL COMPILATION

ESTIMATES OF HARVEST, HUNTER ACTIVITY, AND SUCCESS
BASED ON THE U.S. FISH AND WILDLIFE SERVICE'S
MAIL QUESTIONNAIRE SURVEY
1961-2001



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Note To Users

This report represents the Atlantic Flyway Representative's final compilation of harvest estimates based on the Mail-Questionnaire Survey (MQS, 1961-2001). It is provided as an archive of waterfowl harvest estimates and hunter activity and success based on that survey design.

The MQS was used as part of the U.S. Fish and Wildlife Service's Waterfowl Harvest Survey from 1961 to 2001. It surveyed individuals who purchased duck stamps with the intention of hunting waterfowl and was complimented by a waterfowl-parts-collection survey used to determine the species, age, and sex composition of the harvest. Problems with using duck stamp purchasers as a sampling frame for harvest estimation led to the beginning of a new survey design in the mid-1990s and the complete phasing out of the MQS in 2001.

The new survey, called the Harvest Information Program (HIP), was fully implemented in 1999. In this program, the harvest sampling frame is derived from lists of those who have registered with State Wildlife Agencies as migratory bird hunters. 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 mail-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 two surveys **are not comparable**. Estimates based on the MQS are no longer provided in the annually-updated compilation of Atlantic Flyway data entitled "Waterfowl Harvest and Population Survey Data" (the Flyway data book).

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AVERAGE SEASONAL DUCK BAG PER ACTIVE ADULT HUNTER IN THE ATLANTIC FLYWAY BASED ON MAIL QUESTIONNAIRE SURVEY DATA

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	TOTAL
1961	9.64	7.00	4.75	6.81	4.37	6.13	7.29	3.36	3.25	4.96	6.70	4.71	6.13	4.67	6.16	5.47	10.06	6.07	
1962	6.61	10.02	4.03	4.54	6.86	6.07	6.57	2.99	4.95	6.44	5.91	5.37	6.54	4.07	7.60	8.48	9.30	5.89	
1963	4.89	6.05	3.63	3.52	4.89	5.21	4.85	2.74	2.90	5.67	4.43	3.39	4.55	3.87	6.66	8.21	9.56	4.95	
1964	6.20	7.58	4.47	4.16	4.11	5.48	4.18	2.79	2.26	5.70	5.03	4.92	4.38	4.41	6.65	4.77	7.54	4.79	
1965	5.45	5.39	4.40	3.99	5.37	3.99	4.28	2.58	2.19	5.31	3.56	3.98	3.87	3.76	6.26	6.72	7.36	4.47	
1966	6.62	5.17	4.59	6.07	4.04	6.15	4.39	2.94	2.81	5.68	5.59	8.64	6.15	5.35	8.29	7.75	10.12	5.85	
1967	6.34	5.50	3.18	4.91	4.34	6.27	4.87	3.02	3.33	5.56	4.85	3.78	6.00	6.11	6.89	5.07	9.38	5.22	
1968	6.65	5.69	3.37	4.54	5.44	7.47	4.49	2.47	4.41	5.13	4.31	3.51	8.02	5.33	7.83	5.03	8.76	4.97	
1969	7.59	6.21	3.65	5.05	5.24	4.86	5.02	2.55	3.61	5.30	5.65	6.87	8.19	5.11	8.27	5.92	9.10	5.61	
1970	7.62	6.16	2.97	4.82	4.97	6.12	4.36	2.10	4.00	4.57	6.18	4.30	6.80	6.40	8.28	6.63	12.21	5.39	
1971	6.13	4.59	3.02	3.66	3.67	6.08	3.29	2.15	2.60	4.32	5.22	4.64	6.25	5.18	5.52	4.90	6.70	6.74	
1972	6.38	4.58	3.77	3.88	3.72	6.06	3.67	2.22	3.00	4.15	5.38	4.01	6.73	5.94	7.79	5.17	8.25	4.48	
1973	5.80	4.65	3.10	4.52	3.47	3.80	3.60	1.83	2.46	4.87	3.95	3.40	5.87	4.41	2.18	5.26	8.51	4.19	
1974	6.72	4.89	3.98	5.67	3.36	5.59	3.62	2.51	3.54	4.99	3.72	3.05	5.63	5.44	6.96	5.83	9.07	4.55	
1975	5.48	4.69	3.06	4.40	4.08	5.03	4.89	2.14	4.52	4.88	4.73	4.74	8.15	5.95	7.48	6.68	9.58	5.03	
1976	6.56	5.26	4.93	5.04	3.70	6.31	5.22	2.85	3.84	6.61	3.81	2.43	7.72	8.98	8.78	7.20	12.22	5.73	
1977	4.67	4.57	3.84	4.35	4.59	9.09	4.21	2.55	2.69	5.14	3.64	2.05	6.76	10.64	7.85	7.63	11.37	5.14	
1978	4.83	4.72	3.42	5.34	3.02	6.00	4.07	2.35	4.51	4.86	5.48	4.24	6.64	7.28	8.26	6.64	12.67	5.19	
1979	4.66	3.91	3.18	4.40	3.19	4.63	5.52	2.49	3.82	4.23	5.50	3.97	6.25	7.62	7.68	7.62	12.54	5.21	
1980	5.82	4.06	3.88	5.29	3.23	5.32	5.80	2.51	4.58	6.43	7.53	3.49	6.69	8.96	7.49	8.72	11.51	5.73	
1981	4.93	4.87	3.22	4.29	3.53	4.52	4.95	2.59	4.63	5.58	6.12	4.53	6.82	10.23	9.95	8.84	11.01	5.71	
1982	6.34	5.99	2.84	4.38	4.77	3.94	4.94	2.73	3.16	5.23	4.75	2.95	5.23	7.28	7.50	6.36	11.21	5.08	
1983	6.72	6.05	3.36	4.64	4.28	5.20	4.82	2.36	3.93	5.60	4.17	3.15	6.34	6.98	9.54	7.80	13.41	5.40	
1984	5.31	3.76	4.28	4.78	3.79	4.36	5.95	2.26	3.96	5.48	3.54	4.61	5.67	7.20	8.37	7.40	15.52	5.68	
1985	6.43	4.70	3.37	6.04	3.52	3.84	5.30	2.35	3.62	5.15	5.20	3.15	4.62	6.76	6.07	5.09	10.43	4.86	
1986	6.79	5.82	2.91	4.52	3.26	4.13	4.48	2.26	3.86	5.45	5.29	4.38	5.13	6.39	7.48	4.83	9.84	4.93	
1987	5.53	4.91	4.34	4.66	2.00	8.15	5.64	1.94	3.71	5.32	3.16	3.41	6.75	6.97	8.21	4.70	10.57	5.06	
1988	4.89	4.22	2.31	3.79	2.94	3.13	4.12	1.73	4.31	4.10	3.67	3.95	4.52	5.09	5.65	4.11	8.19	3.97	
1989	4.94	3.99	3.79	3.72	3.64	5.94	4.41	2.29	4.08	4.75	5.68	4.35	4.88	7.86	9.06	5.96	8.81	4.88	
1990	5.58	3.97	3.15	3.68	2.34	4.17	4.53	1.83	4.77	4.69	6.13	4.74	5.07	5.40	6.28	6.23	9.50	4.53	
1991	7.30	3.40	3.54	5.27	2.61	3.31	4.40	2.45	2.31	4.20	6.48	5.46	3.95	6.05	7.38	5.80	8.38	4.93	
1992	6.42	4.13	2.78	3.89	2.42	3.08	4.90	1.96	3.05	3.36	6.78	4.37	4.96	6.05	5.96	5.50	8.63	4.53	
1993	6.21	4.00	3.84	3.18	3.29	4.47	5.26	2.33	4.13	3.63	5.80	4.50	5.94	6.73	7.98	6.01	9.80	5.07	
1994	6.44	5.23	5.52	4.38	3.80	4.09	5.38	2.49	3.10	4.67	7.13	4.80	4.54	7.27	8.16	6.22	7.72	5.20	
1995	9.10	6.97	4.69	6.65	7.87	9.69	7.90	3.43	3.27	6.35	9.43	8.67	9.15	10.69	11.65	9.34	17.60	8.47	
1996	8.13	9.35	6.19	6.00	7.21	6.02	7.01	3.61	2.69	4.54	7.90	8.36	7.29	8.31	9.76	6.24	13.12	7.19	
1997	6.74	7.85	5.72	6.79	6.65	7.22	7.34	3.48	3.79	8.48	12.32	9.16	8.12	9.39	9.68	8.42	14.50	7.85	
1998	7.52	5.78	4.18	6.43	7.27	4.13	6.74	3.49	5.42	9.35	14.19	10.54	7.19	11.22	11.42	10.93	17.16	8.62	
1999	7.08	12.82	6.97	4.68	5.24	6.94	5.73	4.53	2.95	6.35	17.97	14.20	9.58	10.49	11.50	10.84	15.59	9.05	
2000	5.84	6.01	3.59	8.63	5.74	10.66	5.83	3.19	3.92	8.28	16.00	10.02	8.89	11.14	12.70	10.70	12.58	8.37	
2001	8.06	6.86	5.20	5.05	4.15	6.42	5.71	3.42	3.85	6.51	6.47	6.78	5.65	8.86	12.79	8.37	12.81	7.06	

AVERAGES:

61-65	6.56	7.21	4.26	4.56	4.82	5.38	5.43	2.89	3.11	5.62	5.13	4.47	5.09	4.16	6.67	6.73	8.76	5.23	
66-70	6.96	5.75	3.55	5.08	4.82	6.17	4.63	2.62	3.63	5.25	5.32	5.42	7.03	5.74	7.91	6.08	9.91	5.41	
71-75	6.10	5.66	3.39	4.43	3.66	5.31	3.97	2.17	3.22	4.64	4.60	3.97	6.53	5.38	5.99	5.57	8.42	5.00	
76-80	5.31	4.50	3.58	4.88	3.55	6.27	4.96	2.55	3.89	5.45	5.19	3.24	6.81	8.52	6.35	7.56	12.06	5.40	
81-85	5.95	5.07	3.41	4.83	3.78	4.37	5.42	2.44	3.86	5.41	4.74	3.68	5.74	7.69	8.29	7.10	12.32	5.35	
86-90	5.55	4.58	3.30	4.07	2.84	5.10	4.64	2.03	4.86	4.79	4.79	4.17	5.27	6.34	7.34	5.17	9.38	4.67	
91-95	7.09	4.75	4.07	4.67	4.00	4.93	5.57	2.53	3.17	4.44	7.12	5.54	5.68	7.35	8.23	6.57	10.43	5.64	
96-2000	7.06	8.36	5.33	6.51	6.42	6.99	6.53	3.66	3.75	7.40	13.68	10.46	8.21	10.11	11.01	9.43	14.59	8.24	

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATE OF MOTTLED DUCK HARVEST IN THE ATLANTIC FLYWAY BY STATE FOR THOSE STATES WITH HARVEST INDICATED BY THE FWS PARTS COLLECTION SURVEY.

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,200	19,200
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,800	12,800
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,600	12,600
1964	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,100	14,100
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,800	10,800
1966	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,600	13,600
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,300	13,300
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,000	21,000
1969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,700	12,700
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48,100	48,100
1971	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,600	15,600
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	170	0	0	23,700	23,900
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,600	15,600
1974	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,300	13,300
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,800	13,800
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,500	16,500
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,700	11,700
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,300	18,300
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	748	0	0	11,000	11,700
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,900	16,900
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	382	0	0	20,000	20,400
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	182	0	0	15,500	15,700
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,200	12,200
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	151	0	0	21,600	21,800
1985	0	0	0	0	0	0	0	0	0	0	0	0	0	558	0	0	12,500	13,100
1986	0	0	0	0	0	0	0	0	0	0	0	0	0	425	0	0	17,800	17,800
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	0	11,300	11,400
1988	0	0	0	0	0	0	0	0	0	0	0	0	0	128	57	0	13,300	13,500
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	1,520	73	0	8,600	10,200
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	508	49	0	7,500	8,100
1991	0	0	0	0	0	0	0	0	0	0	0	0	0	798	0	0	15,500	16,300
1992	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	100	0	10,000	11,000
1993	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	0	0	9,800	12,800
1994	0	0	0	0	0	0	0	0	0	0	0	0	0	800	0	0	3,700	4,400
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	100	500	200	10,600	11,500
1996	0	0	0	0	0	0	0	0	0	0	0	0	0	700	0	0	13,500	14,100
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300	100	0	11,400	12,800
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	1,500	500	0	15,700	17,900
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200	0	8,000	8,300
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,302	261	0	7,800	9,400
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	300	2,000	100	9,800	12,300

AVERAGES:

61-65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,675	14,675
66-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,280	14,280
71-75	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	23,260	23,300
76-80	0	0	0	0	0	0	0	0	0	0	0	0	0	150	0	0	14,260	14,400
81-85	0	0	0	0	0	0	0	0	0	0	0	0	0	143	0	0	17,240	17,400
86-90	0	0	0	0	0	0	0	0	0	0	0	0	0	526	48	0	12,580	13,200
91-95	0	0	0	0	0	0	0	0	0	0	0	0	0	1,221	30	0	9,300	10,520
96-2000	0	0	0	0	0	0	0	0	0	0	0	0	0	33	917	210	11,167	12,333

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON GADWALL HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1961	0	0	0	100	0	0	0	0	0	0	200	0	400	600	1,000	400	1,200	3,900
1962	0	0	0	0	0	0	300	200	0	100	0	300	500	800	2,800	0	1,700	6,700
1963	0	0	0	0	0	0	100	100	0	400	200	1,700	1,200	2,200	5,200	500	6,100	17,700
1964	0	0	0	0	0	0	500	100	0	100	0	900	500	1,300	4,200	200	3,000	10,800
1965	0	0	100	0	100	0	2,000	1,100	0	900	500	2,600	300	1,100	6,000	1,200	3,900	19,000
1966	0	0	0	0	0	0	900	300	0	1,300	400	1,300	1,000	2,300	10,500	800	5,200	24,000
1967	0	0	0	0	100	100	1,900	500	0	800	600	3,200	1,400	2,900	10,800	500	2,700	25,500
1968	100	0	0	0	100	100	400	300	100	1,000	1,500	3,600	4,200	4,700	500	1,800	18,400	
1969	0	0	0	0	100	0	1,600	800	100	700	500	3,600	7,000	4,500	8,400	2,300	4,000	33,300
1970	0	100	0	100	100	100	2,100	700	0	300	700	2,400	2,900	3,000	4,500	3,000	3,600	23,600
1971	0	0	0	0	0	100	1,800	800	0	0	2,300	1,000	2,400	2,300	3,900	600	1,800	17,000
1972	0	0	0	100	200	0	2,000	1,000	100	1,900	1,000	500	5,000	2,200	5,500	1,500	3,300	24,300
1973	0	100	0	300	0	0	4,400	500	0	1,900	800	1,000	6,200	1,500	3,300	400	500	20,900
1974	100	0	0	300	300	0	2,600	1,100	0	4,000	1,400	1,600	8,300	4,000	3,500	600	700	28,500
1975	0	100	100	100	100	200	4,900	1,500	0	1,700	1,100	4,400	7,800	6,000	3,700	400	2,100	34,200
1976	0	0	0	100	200	0	6,200	2,200	0	2,800	2,400	4,900	4,300	7,300	4,900	500	4,900	40,700
1977	0	0	0	600	200	200	4,200	600	0	3,100	0	2,400	6,700	6,000	7,400	300	1,900	33,600
1978	0	200	0	0	100	200	3,300	2,800	100	2,700	1,400	3,100	7,000	6,400	6,500	2,800	3,700	40,300
1979	200	0	0	100	200	100	2,500	1,600	0	4,900	2,100	3,400	4,600	5,300	5,000	1,500	4,100	35,600
1980	100	300	0	100	100	200	5,100	1,300	0	1,400	700	4,800	5,400	9,300	4,200	1,600	1,700	36,300
1981	0	200	0	100	100	100	1,700	300	0	300	400	3,600	3,200	2,900	3,300	1,700	26,200	
1982	0	200	0	200	0	500	5,000	2,000	0	1,900	1,800	9,800	4,400	15,200	4,300	1,400	1,000	47,700
1983	0	0	0	700	500	100	2,800	1,100	100	1,300	2,000	13,200	4,300	7,400	4,300	5,200	1,400	44,400
1984	0	100	0	100	100	0	2,300	800	100	1,100	1,500	2,400	2,000	3,600	3,600	4,000	1,200	22,900
1985	100	100	0	100	100	100	3,200	900	100	200	1,600	3,300	2,300	3,800	1,200	900	500	18,500
1986	100	200	0	0	0	0	1,200	2,100	0	400	1,500	8,200	3,000	5,200	1,300	1,000	700	24,900
1987	0	100	0	100	200	100	2,700	700	0	700	500	4,800	1,500	3,500	2,600	800	300	18,600
1988	0	100	0	200	200	100	1,900	100	0	1,100	200	1,200	1,400	2,500	300	200	9,800	21,300
1989	0	0	0	200	100	300	3,000	600	0	600	600	1,400	2,000	8,000	3,100	500	800	21,200
1990	100	200	0	200	100	100	900	500	0	1,200	1,800	8,800	1,500	1,600	1,100	300	500	18,900
1991	0	200	0	100	0	0	2,100	1,600	0	1,200	2,300	5,300	1,600	3,600	1,600	500	900	21,100
1992	100	100	0	100	100	100	2,600	200	0	1,100	1,800	6,000	2,200	3,900	2,300	600	300	21,400
1993	0	200	0	200	100	400	1,700	500	0	900	1,200	4,900	2,000	5,000	3,700	300	300	23,900
1994	0	0	0	200	200	400	2,200	200	100	1,500	2,400	2,400	2,600	6,500	4,100	700	500	23,900
1995	0	100	0	1,300	300	100	7,000	1,000	TR**	1,200	1,500	8,400	10,300	17,400	11,200	6,900	1,300	68,000
1996	0	200	0	100	100	200	2,700	1,100	0	1,400	2,800	5,500	9,000	12,600	8,000	900	1,400	45,900
1997	0	200	0	TR**	100	300	2,700	600	400	1,200	2,100	4,100	8,300	18,900	6,700	3,400	1,000	50,000
1998	0	100	0	100	100	200	1,800	900	200	1,000	1,700	8,600	6,500	9,200	4,900	2,500	2,300	40,000
1999	0	100	0	1,900	300	1,200	3,300	1,200	100	600	5,200	17,200	7,400	12,100	18,500	2,900	51,200	77,200
2000	0	TR**	100	300	600	300	3,500	800	100	1,500	3,300	7,600	17,700	17,900	9,800	7,300	3,400	74,100
2001	0	TR**	0	200	200	100	2,000	600	0	600	1,500	4,100	5,600	5,800	13,200	3,500	400	37,800
AVERAGES:																		
61-65	0	0	20	20	20	0	560	300	0	300	180	1,100	580	1,200	3,840	460	3,180	11,620
66-70	20	20	0	20	80	40	1,380	520	40	820	460	2,400	3,180	3,380	7,780	1,420	3,460	24,960
71-75	20	40	20	200	120	20	3,140	980	20	1,900	1,320	1,700	5,940	3,200	3,980	700	1,680	24,980
76-80	60	100	0	180	160	140	4,260	1,700	20	2,980	1,320	3,720	5,600	6,860	5,600	1,340	3,260	37,300
81-85	20	120	20	220	160	160	3,000	1,020	60	960	1,460	6,460	3,240	7,660	3,260	2,960	1,160	31,940
86-90	40	120	0	140	120	120	1,940	800	0	800	920	4,880	1,880	4,160	1,680	580	500	18,680
91-95	20	120	40	380	140	200	3,120	700	25	1,180	1,840	5,400	3,740	7,280	4,580	1,800	660	31,140
96-2000	0	150	20	600	240	440	2,800	920	160	1,140	3,020	8,600	9,780	14,140	9,580	3,400	11,860	57,440

** - Trace = Fewer than 50

C:\Data book\Final MQS Report\AtlanticHarvest estimates\DI_Sheet:

GADW

Revision RVR

06/30/03

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON REDHEAD HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1961	0	0	0	0	0	0	0	0	0	0	0	300	0	200	300	0	200	1,000
1962	0	400	0	0	0	0	100	0	0	0	0	0	100	100	0	0	300	1,000
1963	0	0	0	0	0	0	200	0	0	0	0	100	200	400	100	100	400	1,500
1964	0	0	0	0	0	0	1,000	0	0	0	100	2,100	700	1,000	100	0	4,400	9,400
1965	0	0	0	100	0	0	2,300	200	0	100	100	7,400	800	900	100	100	2,200	14,300
1966	0	0	100	0	0	0	2,000	700	0	400	0	12,000	1,300	900	100	300	3,500	21,300
1967	0	0	0	100	0	0	2,800	800	0	100	0	4,300	400	1,000	300	100	4,600	14,500
1968	0	0	0	0	0	0	500	200	0	100	0	700	400	300	500	0	900	3,600
1969	0	0	0	100	0	0	700	500	0	400	100	4,100	1,000	1,500	400	100	2,400	11,300
1970	0	0	0	600	200	0	4,700	0	0	100	0	1,900	800	1,400	400	100	2,100	12,300
1971	0	0	0	800	100	100	2,200	1,100	0	800	100	5,100	4,900	3,400	500	0	3,000	22,100
1972	0	0	0	0	0	0	300	200	0	100	0	0	0	200	0	0	500	1,300
1973	0	100	0	0	0	0	200	0	0	300	0	0	0	600	0	200	200	1,600
1974	0	100	0	100	0	0	100	0	0	0	0	0	0	100	0	0	900	1,600
1975	0	0	0	0	100	0	300	0	0	0	0	100	100	0	100	0	200	3,600
1976	0	0	0	100	0	100	2,300	1,700	0	700	0	0	100	200	400	100	3,100	8,800
1977	0	0	0	400	0	0	4,100	400	0	100	100	0	0	100	700	0	2,600	8,500
1978	0	0	0	200	0	100	700	400	100	0	0	100	0	500	400	100	5,900	8,500
1979	100	0	0	100	100	0	3,400	300	0	100	0	0	0	300	1,400	500	2,600	8,900
1980	0	300	0	0	0	200	4,600	0	0	200	0	300	1,100	1,000	200	100	1,400	9,400
1981	0	0	0	0	0	0	1,200	0	0	100	0	0	300	1,300	0	300	500	3,700
1982	0	0	0	0	0	0	600	100	0	0	0	0	0	1,500	100	200	3,100	5,600
1983	0	0	0	200	100	0	2,200	200	0	200	0	600	1,000	2,500	400	500	2,300	10,200
1984	0	100	0	0	0	0	400	100	0	100	0	0	200	1,500	0	0	3,600	6,000
1985	0	0	0	0	0	0	1,400	0	0	100	100	400	500	2,400	0	100	2,400	7,400
1986	0	100	0	0	0	0	1,300	500	0	100	0	700	300	1,100	0	100	1,200	5,400
1987	0	0	0	0	0	0	200	200	0	0	0	0	0	1,100	0	300	400	2,200
1988	0	0	0	0	200	0	100	0	0	0	100	0	0	500	500	0	600	2,000
1989	0	0	0	0	0	0	800	0	0	0	0	0	0	300	100	200	400	1,800
1990	0	0	0	0	0	0	300	0	0	0	0	0	0	0	100	100	200	700
1991	0	0	0	0	0	0	200	100	0	0	0	0	0	0	0	0	200	500
1992	0	0	0	0	0	0	200	200	0	0	0	0	100	500	100	0	0	1,000
1993	0	0	0	0	0	0	600	0	100	TR**	0	0	200	1,000	0	300	700	2,900
1994	0	100	0	0	0	0	300	100	0	200	200	300	500	300	100	300	400	2,500
1995	0	0	0	0	0	0	1,700	100	0	100	100	900	1,800	1,700	1,400	0	1,500	9,400
1996	TR**	0	0	0	0	0	2,100	200	0	0	100	200	1,800	1,300	1,700	0	200	7,700
1997	0	0	0	0	0	0	900	300	0	0	0	100	600	1,700	300	800	400	5,100
1998	0	0	0	0	100	0	1,200	0	0	0	0	200	1,300	2,600	400	200	5,800	11,700
1999	0	0	0	0	0	0	100	0	0	0	0	700	200	900	200	0	2,300	4,300
2000	0	0	0	0	0	0	2,200	0	0	0	0	1,100	1,000	1,900	900	100	900	8,100
2001	0	100	0	100	0	0	1,300	100	TR**	0	0	200	0	2,200	1,500	400	2,300	8,000

AVERAGES:

61-65	0	80	0	20	0	0	720	40	0	20	40	1,980	360	520	120	40	1,500	5,440
66-70	0	0	20	160	40	0	2,140	440	0	220	20	4,600	780	1,020	340	120	2,700	12,600
71-75	0	40	0	180	40	20	620	260	0	240	20	1,040	1,000	860	180	60	1,340	5,900
76-80	20	60	0	160	20	80	3,020	560	20	220	20	60	260	420	620	160	3,120	8,820
81-85	0	20	0	40	20	0	1,160	80	0	100	20	200	400	1,840	100	220	2,380	6,580
86-90	0	20	0	0	40	0	540	140	0	20	0	160	60	600	140	140	560	2,420
91-95	0	20	0	0	0	0	600	100	20	25	60	240	520	700	320	120	560	3,260
96-2000	0	0	0	0	20	0	1,300	100	0	0	20	460	980	1,680	700	220	1,920	7,380

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
1962	0	0	0	0	0	0	0	0	0	100	0	0	0	100	0	0	100	300
1963	0	0	0	0	0	0	0	0	0	200	0	18,800	2,900	1,800	200	0	100	300
1964	0	0	0	100	0	100	1,900	700	0	2,100	200	10,200	4,100	1,800	200	100	700	29,600
1965	0	100	0	400	200	200	5,100	500	0	1,600	100	10,200	4,100	1,800	200	100	300	24,900
1966	0	100	0	400	100	100	4,200	1,900	0	1,200	100	26,100	11,000	3,100	400	300	1,800	50,800
1967	0	0	0	200	100	0	1,100	1,000	0	700	100	9,500	3,500	3,600	300	100	1,000	21,200
1968	0	0	0	200	0	200	1,100	200	0	700	0	6,000	2,900	1,300	800	0	300	13,600
1969	0	0	0	100	500	200	2,000	200	0	1,800	200	22,600	6,900	3,700	800	0	2,271	41,271
1970	0	0	0	200	200	100	2,600	500	0	900	0	2,900	6,000	700	200	0	3,500	17,800
1971	0	0	0	600	800	300	4,400	900	0	1,700	100	8,200	8,500	3,800	1,000	100	600	31,000
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	300	0	0	0	300
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	200
1974	0	0	0	0	0	0	0	0	0	0	0	500	100	0	0	0	100	700
1975	0	0	0	100	0	0	0	0	0	0	100	0	500	200	0	0	800	1,700
1976	0	200	0	1,200	2,500	800	6,000	700	0	2,900	700	0	100	100	4,000	900	3,100	23,200
1977	0	0	0	200	0	100	500	1,200	0	500	300	0	100	0	2,300	300	1,600	7,100
1978	0	0	0	1,200	300	300	200	700	0	600	800	0	0	0	400	200	900	5,600
1979	0	0	0	1,500	100	400	3,100	1,100	0	500	200	0	0	100	800	400	1,000	9,200
1980	0	100	0	600	200	200	3,400	800	0	500	300	0	0	300	1,000	100	700	8,200
1981	0	0	0	300	0	100	3,100	900	100	500	300	0	0	300	1,200	500	900	8,200
1982	0	200	0	600	100	100	400	200	0	0	900	100	0	0	600	600	3,200	3,200
1983	0	100	0	600	500	200	1,500	900	0	1,200	200	3,500	2,400	2,100	200	100	800	14,300
1984	0	100	0	200	700	0	2,000	400	0	200	0	2,900	100	1,000	0	400	500	8,500
1985	0	0	0	100	1,100	100	3,500	300	0	600	0	2,000	400	600	0	0	300	9,000
1986	0	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	200
1987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
1988	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	100
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	200	0	0	100	300
1990	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	100
1991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
1994	0	0	0	0	0	100	800	100	0	200	200	1,000	100	800	0	800	300	4,400
1995	0	0	0	0	100	200	700	200	0	600	0	1,900	11,800	1,800	800	3,500	1,500	13,100
1996	0	0	0	0	0	0	2,800	300	0	TR**	100	5,900	4,300	2,000	2,000	2,300	300	20,000
1997	0	0	0	0	0	100	1,300	100	0	300	0	2,000	500	900	800	5,500	900	12,300
1998	0	0	0	0	100	0	800	0	0	300	400	4,200	400	500	0	500	200	7,300
1999	0	100	0	100	100	0	600	200	0	100	0	3,200	300	900	0	300	300	6,200
2000	0	0	0	100	200	200	1,100	TR**	0	500	0	7,600	2,900	2,400	700	400	500	16,500
2001	0	0	0	100	100	0	200	0	0	0	0	600	300	200	200	200	0	1,800
AVERAGES:																		
61-65	0	20	0	100	40	60	1,400	240	0	800	60	5,800	1,400	740	80	40	260	11,040
66-70	0	20	0	180	220	100	2,200	760	0	1,060	80	13,420	6,060	2,480	500	80	1,774	28,934
71-75	0	0	0	140	160	60	880	180	0	340	40	1,740	1,820	860	220	20	320	6,780
76-80	0	60	0	940	620	360	2,640	900	0	1,000	460	0	40	100	1,700	380	1,460	10,660
81-85	0	80	0	240	480	100	2,100	540	20	500	280	1,700	560	800	280	320	620	8,640
86-90	0	0	0	0	0	20	20	0	0	0	0	0	40	0	40	0	40	160
91-95	0	0	0	0	40	60	300	60	0	160	40	580	2,380	520	160	860	380	3,520
96-2000	0	20	0	40	80	60	1,320	150	0	300	100	4,560	1,680	1,340	700	1,800	440	12,460

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF LESSER SCAUP HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	A/TOTAL
1961	0	200	0	0	0	0	3,900	0	0	500	0	800	2,300	2,900	900	2,400	21,300	35,500
1962	0	200	0	100	300	0	4,400	1,600	100	1,000	0	1,200	1,200	2,300	100	200	1,600	14,300
1963	0	100	0	200	300	200	3,100	2,400	500	900	0	800	1,200	1,500	1,200	1,500	11,900	25,100
1964	200	200	100	300	100	100	2,900	1,500	0	1,500	0	1,600	1,200	3,800	600	100	5,300	19,500
1965	100	300	100	400	0	0	3,000	700	0	800	100	2,000	1,900	1,100	300	300	17,100	28,200
1966	100	200	100	700	200	400	7,500	3,100	0	3,600	900	16,500	3,900	9,500	2,500	4,500	18,600	72,300
1967	100	400	0	100	300	200	7,800	2,100	0	2,100	200	2,000	5,800	16,400	4,700	2,200	23,400	67,800
1968	0	100	0	100	300	500	6,600	0	0	500	0	1,200	2,700	4,600	300	0	3,400	21,500
1969	200	1,000	100	300	800	100	13,100	2,700	0	4,400	1,600	34,000	10,700	5,800	5,200	1,500	27,100	108,600
1970	200	400	0	400	800	300	10,200	1,600	0	600	500	500	2,000	1,300	800	200	24,000	43,800
1971	300	100	0	700	400	1,000	10,800	1,100	0	2,000	1,300	11,400	10,800	11,100	2,900	900	25,500	80,300
1972	100	100	0	300	400	800	4,800	0	0	3,500	3,000	16,000	13,500	64,800	16,500	4,300	53,500	199,100
1973	100	400	100	200	600	300	2,600	1,800	0	4,200	700	2,100	3,100	1,000	600	100	22,200	40,100
1974	100	200	200	300	300	400	3,600	1,900	0	2,500	300	600	1,800	3,300	600	600	13,600	35,900
1975	200	300	100	400	600	1,500	6,200	2,200	0	2,600	500	1,500	1,700	3,200	2,300	300	9,600	33,200
1976	700	100	200	500	600	1,100	5,800	4,200	0	2,800	1,500	1,400	900	7,200	200	500	31,400	59,100
1977	400	0	200	400	500	1,300	9,700	8,600	100	6,300	3,000	16,000	10,400	4,900	1,200	500	27,000	39,500
1978	100	300	0	100	200	500	2,800	1,400	0	1,600	200	100	400	300	1,100	500	3,500	19,500
1979	400	100	0	500	300	300	6,900	2,100	0	200	800	1,900	600	300	1,100	500	3,500	19,500
1980	600	200	0	500	300	200	9,900	1,200	200	800	100	100	400	1,700	900	300	3,700	21,100
1981	700	200	100	100	500	100	8,400	2,000	0	6,900	3,100	5,200	2,300	17,400	7,200	3,800	39,000	97,000
1982	0	400	0	100	100	100	5,300	1,100	100	1,900	100	1,200	800	7,700	1,800	900	17,400	39,000
1983	100	200	0	100	100	100	3,400	1,200	0	500	500	300	400	3,400	700	2,300	17,300	34,000
1984	100	300	0	100	100	100	3,900	2,300	200	2,200	1,300	10,400	1,900	14,900	900	2,000	43,200	83,900
1985	100	300	100	200	500	200	5,400	2,600	100	1,700	2,100	4,500	1,000	21,900	4,100	4,400	31,400	80,600
1986	500	600	100	100	400	200	3,000	900	100	1,700	1,400	1,000	400	2,200	1,600	1,000	5,500	20,700
1987	100	100	0	200	100	100	7,000	200	0	300	0	600	300	2,100	0	1,600	10,400	23,100
1988	0	300	100	600	200	100	4,300	300	0	400	600	9,200	1,200	1,700	600	800	5,800	26,100
1989	0	200	0	300	500	100	4,300	600	0	1,100	200	6,400	1,600	5,300	1,200	400	2,700	24,900
1990	300	400	0	100	300	0	3,100	300	0	600	0	1,600	1,400	2,200	500	300	2,200	13,300
1991	0	0	0	200	0	0	2,700	200	0	400	0	1,300	800	1,800	300	600	3,100	11,400
1992	100	100	0	0	100	TR**	1,500	900	0	300	0	400	100	1,700	300	1,300	6,600	13,400
1993	300	300	0	0	100	100	3,400	1,400	0	600	0	2,200	700	600	800	200	2,000	12,700
1994	100	200	0	100	0	0	2,500	600	0	600	200	2,800	500	6,100	4,800	400	1,500	20,500
1995	100	800	TR**	100	0	0	3,200	4,500	0	1,100	0	1,700	1,500	4,000	5,700	500	3,400	26,700
1996	100	700	100	0	200	TR**	3,200	2,000	0	200	100	7,200	1,500	6,400	1,800	2,800	9,100	35,600
1997	0	200	0	TR**	100	0	2,200	1,900	100	800	200	5,700	700	6,900	5,400	4,400	13,000	41,500
1998	100	400	0	400	100	TR**	2,000	600	0	100	0	6,400	900	23,000	4,000	2,700	21,000	61,700
1999	200	500	TR**	100	0	0	1,800	2,500	TR**	100	100	26,500	5,600	29,400	1,100	300	2,600	71,000
2000	100	0	0	0	0	0	1,200	400	0	300	200	9,900	3,100	9,000	1,100	1,900	5,100	32,400
2001	0	100	TR**	0	0	0	1,400	1,500	100	100	200	2,700	4,600	40,200	27,100	3,600	17,700	99,300

AVERAGES:

61-65	60	200	40	200	200	60	3,460	1,240	120	940	20	1,280	1,420	2,320	620	900	11,440	24,520
66-70	120	420	40	320	480	300	9,040	2,140	0	2,240	640	10,840	5,020	7,520	2,700	1,680	19,300	62,800
71-75	160	220	80	380	460	800	5,600	1,400	0	2,960	680	3,460	4,420	4,360	2,560	380	15,720	43,640
76-80	440	140	80	400	380	680	7,020	3,500	60	2,340	1,120	3,900	3,160	15,420	3,980	1,220	23,820	67,660
81-85	200	280	40	120	260	120	5,280	1,840	80	2,640	1,420	5,000	1,280	13,060	2,940	2,680	29,660	66,900
86-90	180	320	40	260	300	80	4,340	460	20	820	440	3,760	980	2,700	780	820	5,320	21,620
91-95	120	280	0	80	40	50	2,660	1,520	0	600	40	1,680	720	2,840	2,380	600	3,320	16,940
96-2000	100	360	25	125	80	33	2,080	1,480	25	300	120	11,140	2,360	14,940	2,680	2,420	10,160	48,440

** - TRace = Fewer than 50

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON RING-NECKED DUCK HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	ATOTAL
1961	900	300	0	0	0	100	2,000	300	0	100	200	1,700	1,800	1,500	1,500	11,500	25,600	47,500
1962	800	700	0	0	0	0	3,500	300	100	100	300	1,400	1,200	3,900	4,600	5,600	24,500	47,000
1963	1,200	400	200	100	100	0	1,000	200	0	300	100	1,300	1,300	6,900	3,500	7,900	36,500	60,700
1964	900	300	100	300	0	0	2,000	700	0	200	100	1,600	2,000	10,900	5,400	5,900	39,300	69,800
1965	900	500	100	200	0	0	1,600	900	0	200	200	600	700	5,700	1,700	5,900	45,700	64,900
1966	1,100	1,000	200	300	100	0	3,900	600	0	200	200	800	2,300	4,800	4,500	4,700	73,800	98,500
1967	1,200	900	0	200	0	0	4,300	1,500	0	100	300	1,300	3,500	7,400	6,000	4,500	80,800	112,000
1968	1,600	700	400	100	0	0	2,400	500	0	100	100	900	1,000	2,200	2,000	2,400	61,500	74,300
1969	1,600	600	300	100	0	0	3,000	900	0	400	0	700	1,200	7,800	3,400	3,600	63,600	87,300
1970	2,700	500	100	200	100	0	3,000	1,100	0	400	100	100	2,000	6,000	6,000	1,500	108,500	132,300
1971	2,000	700	500	200	0	0	4,500	900	0	200	700	1,200	3,100	8,800	5,500	2,400	51,900	82,600
1972	4,200	1,700	200	500	100	100	900	1,100	0	600	100	400	2,700	8,100	4,700	2,800	41,200	69,400
1973	1,300	1,500	200	100	500	0	2,200	800	0	1,100	100	400	1,100	12,500	3,500	1,000	60,700	87,000
1974	2,900	1,100	1,100	300	100	0	2,400	1,600	0	500	200	600	2,200	16,900	1,700	85,300	129,000	129,000
1975	2,600	1,400	700	500	200	0	2,500	1,500	0	300	300	300	11,200	12,200	7,000	6,900	74,500	122,400
1976	1,400	1,000	1,100	100	0	0	3,400	3,400	0	500	100	0	8,300	12,900	14,000	8,700	122,700	177,600
1977	3,100	1,500	1,200	500	300	0	5,300	1,700	0	500	0	100	5,500	8,900	10,900	2,300	58,000	99,800
1978	2,200	100	100	500	0	0	2,200	2,000	0	600	200	600	7,700	3,800	10,500	2,200	93,400	126,200
1979	3,400	300	100	800	300	0	3,700	1,400	0	1,000	300	800	3,200	5,800	10,400	6,900	92,100	130,500
1980	2,700	500	900	800	0	0	1,600	3,000	0	500	400	700	2,900	4,600	9,900	2,800	67,400	98,700
1981	3,200	3,200	700	100	0	0	4,500	600	100	400	100	200	2,400	5,800	10,200	5,600	54,700	91,800
1982	3,900	1,400	100	400	0	0	2,900	1,400	300	200	600	600	2,100	6,100	4,000	4,300	64,600	93,000
1983	4,000	1,400	100	300	0	0	2,600	1,800	100	700	200	400	2,300	8,900	7,800	5,000	85,900	121,600
1984	2,300	1,800	500	200	200	0	2,000	1,400	300	600	600	2,000	8,700	8,000	5,700	7,900	103,700	145,900
1985	4,900	500	300	1,000	100	0	2,100	2,100	0	1,000	100	300	3,300	6,400	4,900	8,300	42,800	78,100
1986	2,400	2,200	500	500	0	0	4,000	1,200	0	1,100	600	400	4,900	8,100	11,700	5,500	61,300	104,400
1987	1,900	1,300	600	400	TR**	100	4,000	900	TR**	500	300	300	2,800	6,800	16,900	800	75,000	112,600
1988	1,000	500	100	300	100	0	1,600	300	0	400	100	600	3,600	2,400	8,000	4,900	67,600	91,500
1989	2,300	900	100	300	100	100	3,100	700	100	700	400	700	5,200	7,000	11,100	5,200	42,900	80,900
1990	1,900	1,800	200	500	300	0	3,500	700	0	400	200	0	2,600	4,400	7,700	7,200	47,000	78,400
1991	1,700	100	0	300	0	0	3,600	300	0	100	300	0	3,400	3,500	7,000	9,400	62,500	92,200
1992	800	300	200	100	0	0	2,300	400	0	200	400	400	5,700	4,900	11,200	3,900	52,400	83,300
1993	1,300	500	0	0	0	0	4,000	700	0	100	200	200	2,700	4,200	14,000	7,500	51,400	86,700
1994	2,800	300	200	0	100	0	3,800	300	0	300	300	400	4,100	5,400	18,200	9,100	24,500	69,700
1995	1,800	700	0	TR**	300	200	3,700	400	0	500	200	1,400	14,200	17,700	15,700	20,400	61,700	138,900
1996	2,100	2,800	0	200	300	0	4,200	900	100	200	200	300	3,600	17,400	23,600	15,700	50,900	122,400
1997	1,500	600	100	200	0	100	4,300	600	0	500	900	800	7,500	14,500	19,400	23,200	69,200	143,500
1998	2,100	1,100	400	600	300	TR**	3,700	1,800	0	600	500	1,300	9,900	21,400	18,300	19,800	110,000	191,900
1999	1,100	2,100	0	100	0	0	4,000	1,800	0	1,100	500	900	10,800	12,100	17,300	22,200	101,100	175,000
2000	800	700	TR**	200	TR**	0	1,400	400	200	200	200	700	11,000	20,100	23,800	13,500	28,500	101,900
2001	1,100	500	200	200	100	100	5,700	1,400	TR**	400	100	700	3,500	6,100	27,900	8,400	40,800	97,200

AVERAGES:

61-65	940	440	80	120	20	40	2,020	480	20	180	180	1,320	1,400	5,720	3,340	7,360	34,320	57,980
66-70	1,460	680	140	160	40	20	3,320	920	0	240	140	760	2,000	5,640	4,380	3,340	77,640	100,880
71-75	2,600	1,280	540	320	180	20	2,500	1,180	0	600	280	580	4,060	10,740	7,520	2,960	62,720	98,080
76-80	2,560	680	680	540	120	20	3,240	2,300	0	620	200	440	5,620	7,200	11,140	4,580	86,720	126,560
81-85	3,660	1,660	340	400	60	40	2,820	1,460	160	580	320	700	3,760	7,040	6,520	6,220	70,340	106,080
86-90	1,900	1,340	300	400	125	40	3,240	760	25	620	320	400	3,820	5,740	11,080	4,720	58,760	93,560
91-95	1,680	380	80	100	80	40	3,480	420	0	240	280	480	6,020	7,140	13,220	10,060	50,500	94,160
96-2000	1,520	1,460	125	260	150	25	3,520	1,100	60	520	460	800	8,560	17,100	20,480	18,880	71,940	146,940

** - TRace = Fewer than 50

C:\Data book\Final MQS Report\Atlantic\Harvest estimates\1.D. Sheet

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON COMMON GOLDENEYE HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
1961	3,000	500	0	300	500	100	3,900	400	0	100	0	4,300	200	0	0	0	0	13,300
1962	1,800	3,500	100	1,900	400	200	3,900	100	0	300	0	1,600	100	100	0	0	0	14,000
1963	1,400	2,500	100	400	300	300	7,600	100	0	100	0	2,100	600	400	200	0	100	16,200
1964	1,500	2,900	100	2,200	200	300	5,700	100	0	800	100	4,600	200	0	0	0	100	18,800
1965	3,500	3,700	200	1,600	500	500	6,200	200	0	600	100	2,700	700	0	100	0	100	20,700
1966	3,800	1,500	100	500	100	500	5,300	500	0	200	200	4,600	1,100	400	0	100	100	19,000
1967	1,900	3,400	200	600	500	800	9,500	500	400	1,100	100	2,500	700	500	200	300	100	22,500
1968	1,700	3,200	100	700	600	900	8,800	300	0	1,100	0	2,000	400	300	0	100	100	20,300
1969	2,600	3,900	100	800	600	200	5,200	1,200	0	800	500	4,400	1,200	300	700	100	100	22,700
1970	1,900	2,000	0	2,100	900	200	11,200	800	0	900	200	100	2,400	0	300	0	100	23,100
1971	1,900	1,700	200	1,200	300	200	12,200	400	0	700	100	3,900	1,800	600	300	200	200	25,900
1972	2,500	2,500	200	2,200	500	400	10,900	800	100	300	300	5,500	4,600	500	200	0	100	32,100
1973	2,100	3,600	0	1,700	300	300	4,400	100	0	800	100	3,300	2,300	500	0	0	500	20,000
1974	1,600	2,700	200	1,800	500	200	3,000	1,800	0	800	100	600	1,000	0	0	0	0	14,300
1975	2,100	500	100	1,000	200	200	2,000	500	100	700	400	4,400	2,700	0	100	0	100	15,100
1976	2,400	1,600	700	3,000	900	100	4,800	1,700	100	200	100	2,600	1,100	1,700	500	0	0	21,500
1977	3,400	100	100	1,400	200	800	6,200	700	100	300	300	400	2,500	900	500	0	0	18,400
1978	2,600	200	0	900	900	600	8,400	1,400	100	700	400	4,300	1,700	1,000	600	0	300	24,100
1979	3,000	1,300	0	900	300	200	7,800	500	0	300	200	5,100	700	1,000	0	0	0	21,300
1980	3,800	1,300	100	1,100	200	200	11,600	1,500	0	300	200	1,100	700	900	0	0	200	23,200
1981	5,200	1,900	100	300	100	500	6,400	700	100	400	0	1,800	1,200	400	0	0	100	19,200
1982	2,800	1,900	0	400	0	0	7,900	800	0	200	0	700	300	0	0	0	300	15,300
1983	3,000	2,600	100	300	0	100	6,900	500	100	1,000	300	1,000	1,400	500	0	100	200	18,100
1984	4,400	600	300	800	700	100	6,600	1,600	0	600	200	7,400	800	300	200	0	200	24,800
1985	4,800	2,600	200	1,200	500	200	7,000	800	0	700	400	2,800	900	100	200	100	100	22,600
1986	5,300	1,600	200	1,400	400	600	8,400	100	0	400	200	900	900	300	0	100	100	20,100
1987	2,500	100	200	1,100	200	200	3,500	700	0	400	0	1,800	900	0	0	0	0	11,600
1988	2,600	200	100	1,000	200	100	2,000	400	0	200	300	1,300	500	200	0	0	0	9,100
1989	2,400	700	100	1,100	500	1,400	3,000	100	0	1,200	0	1,700	500	100	0	0	100	12,900
1990	1,900	500	100	1,300	300	200	3,400	800	100	600	100	2,500	700	200	0	0	100	12,800
1991	1,200	500	0	400	200	100	2,400	1,100	0	200	100	3,000	0	0	0	0	200	9,400
1992	700	700	0	700	0	100	3,100	700	0	300	0	2,300	100	400	0	0	100	9,300
1993	1,700	2,900	100	100	200	100	3,500	11,100	0	200	0	2,300	0	300	0	0	0	12,600
1994	2,700	1,300	200	200	600	200	2,100	300	0	200	0	2,900	300	0	0	200	TR**	11,100
1995	2,300	5,000	100	700	100	300	6,600	300	0	200	100	1,900	500	200	0	0	100	18,400
1996	2,000	51,300	100	500	600	200	7,000	200	0	400	0	1,900	300	200	0	0	0	18,800
1997	800	1,000	100	600	0	200	5,600	1,000	0	600	0	3,300	0	100	0	0	0	13,200
1998	800	800	0	400	200	300	8,300	0	0	0	0	1,600	200	200	0	0	0	12,900
1999	900	3,700	100	200	100	200	4,100	200	0	100	0	700	0	100	0	0	300	10,800
2000	700	200	100	100	100	200	6,600	700	0	400	0	1,100	600	0	0	0	200	11,000
2001	1,800	900	0	100	100	300	3,000	200	0	100	0	400	100	120	0	0	0	6,900

Year Range	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
61-65	2,240	2,620	100	1,280	380	280	5,460	180	0	380	40	3,060	360	100	60	0	60	16,600
66-70	2,380	2,800	100	940	540	520	8,000	660	80	660	200	2,720	1,160	300	240	120	100	21,520
71-75	2,040	2,200	140	1,580	360	260	6,500	720	40	760	200	3,540	2,480	320	120	40	180	21,480
76-80	3,040	900	180	1,460	500	380	7,760	1,160	60	460	240	2,700	1,340	1,100	320	0	100	21,700
81-85	4,040	1,920	140	600	260	180	6,960	880	40	580	180	2,740	920	260	80	40	180	20,000
86-90	2,940	620	140	1,180	320	500	4,060	420	20	560	120	1,640	540	160	0	20	60	13,300
91-95	1,720	2,080	80	420	220	160	3,540	2,700	0	220	40	2,480	180	180	0	40	100	12,160
96-2000	1,040	11,400	80	360	200	220	6,320	420	0	300	0	1,720	220	120	0	0	100	13,340

** - TRace = Fewer than 50

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON BUFFHEAD HARVEST IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
1961	3,000	100	200	600	500	300	1,800	700	0	200	300	1,800	800	2,200	500	700	0	13,700
1962	1,100	400	200	700	500	400	3,700	900	100	1,900	200	1,500	500	1,900	600	0	200	14,800
1963	800	100	200	600	200	1,400	5,200	500	100	1,400	200	2,600	1,200	3,800	200	500	800	18,600
1964	800	700	300	1,400	700	400	5,800	700	0	3,500	800	2,300	900	5,500	300	100	900	25,000
1965	3,200	1,100	600	1,500	1,100	300	6,700	600	0	5,500	900	4,200	1,400	3,400	200	100	1,900	32,700
1966	200	400	1,200	1,800	700	300	9,600	1,700	0	3,026	800	16,700	2,400	5,700	500	300	700	46,026
1967	1,300	600	400	100	500	700	11,800	1,300	0	3,900	200	5,500	1,200	3,900	700	0	800	32,900
1968	900	600	200	1,500	600	600	8,100	2,600	0	3,500	200	3,900	900	3,500	300	0	1,700	29,100
1969	2,700	600	900	2,600	1,100	400	5,500	1,400	100	5,800	800	7,900	2,700	4,600	1,200	100	700	39,100
1970	4,800	900	300	1,800	800	100	10,400	2,000	0	4,900	2,100	3,100	7,000	3,300	2,600	600	1,900	46,600
1971	3,000	500	500	2,000	1,700	400	14,100	2,300	0	12,700	3,000	6,200	6,300	6,100	400	0	1,900	61,100
1972	3,000	300	300	3,000	1,100	400	7,600	2,200	0	13,100	200	5,700	6,100	4,300	1,700	100	1,300	51,100
1973	1,800	300	400	3,600	1,100	300	7,700	400	0	8,700	800	3,900	4,800	4,500	0	0	2,900	41,200
1974	4,500	1,600	1,500	3,600	900	400	6,800	3,000	0	6,500	100	3,800	4,900	4,100	900	0	300	42,900
1975	3,700	700	600	4,100	2,100	100	4,400	4,700	0	3,700	400	3,700	8,500	5,100	2,200	0	1,100	45,100
1976	5,900	900	400	5,600	1,900	100	9,300	2,900	0	5,800	100	4,600	3,500	4,600	1,000	0	1,400	48,000
1977	7,000	0	100	5,100	1,200	600	9,800	5,600	0	12,300	1,400	2,300	4,900	11,500	300	1,400	3,500	67,000
1978	7,000	500	500	4,700	1,900	900	5,600	2,800	100	7,700	1,000	5,900	4,800	3,200	800	500	2,500	50,400
1979	4,700	200	500	3,600	3,000	400	13,900	3,500	100	4,200	500	11,400	5,000	4,800	700	0	100	56,600
1980	6,600	300	100	3,100	1,300	600	19,600	3,000	0	6,100	800	2,300	1,900	2,200	700	0	900	49,500
1981	4,600	600	200	3,500	300	200	13,400	1,300	100	5,500	1,800	6,700	2,400	11,600	600	100	300	53,200
1982	3,900	300	400	2,800	500	0	14,400	1,100	0	8,000	1,300	2,100	1,900	3,800	0	0	700	41,200
1983	4,800	900	400	3,000	700	1,000	7,000	1,300	0	6,300	300	3,900	2,100	5,500	400	0	300	34,100
1984	3,600	400	1,300	6,100	800	800	9,000	2,300	100	10,700	200	9,000	2,700	8,100	700	0	800	35,900
1985	4,800	400	100	4,400	1,000	500	9,600	2,600	0	6,200	100	3,800	3,400	13,400	1,200	800	400	52,700
1986	5,600	100	300	3,300	1,300	500	4,900	2,600	100	9,200	1,900	2,900	2,300	5,900	900	200	200	42,200
1987	1,900	0	200	4,900	600	1,200	5,600	1,000	100	6,300	100	3,900	2,100	5,500	400	0	300	34,100
1988	1,900	100	300	4,600	800	400	3,300	400	0	6,900	800	4,400	3,700	6,600	400	400	300	35,300
1989	600	400	100	1,400	100	1,500	4,300	2,300	100	5,000	400	800	2,500	4,500	800	600	200	25,600
1990	1,200	200	100	2,800	600	1,000	5,200	1,000	0	9,700	300	4,600	3,900	5,100	100	400	300	36,500
1991	1,300	300	0	1,700	100	1,000	4,700	1,500	0	4,700	1,000	5,200	1,100	900	400	100	700	24,700
1992	2,700	300	200	1,600	900	500	5,100	2,500	0	4,500	200	6,300	2,000	3,800	1,000	700	300	33,100
1993	3,200	100	100	800	0	500	4,500	1,100	0	4,400	200	8,800	1,400	3,300	300	200	100	29,000
1994	4,400	100	300	1,300	300	600	5,000	800	100	5,700	100	6,400	1,200	4,600	700	500	300	32,500
1995	3,900	600	0	1,800	600	2,100	7,000	1,200	0	8,000	300	5,900	4,900	7,000	1,700	700	300	46,000
1996	3,500	600	200	1,500	500	1,300	11,300	2,700	TR**	8,100	200	9,900	7,500	10,300	1,700	1,200	0	60,400
1997	2,200	600	300	900	1,000	400	12,300	4,800	0	10,200	100	10,700	11,300	3,000	4,700	1,100	200	63,800
1998	1,200	500	100	3,200	700	400	5,400	6,000	0	5,800	900	6,800	6,000	9,500	2,600	200	1,800	51,100
1999	2,500	900	300	2,900	600	600	7,200	1,600	TR**	5,800	900	7,000	22,200	11,700	600	0	1,800	66,500
2000	2,200	600	100	6,700	1,000	1,300	7,400	2,000	TR**	6,500	1,900	9,200	6,800	5,900	1,200	400	200	53,300
2001	4,100	200	300	3,300	200	1,000	5,400	2,700	0	4,700	1,700	10,500	3,100	3,800	1,000	0	400	42,400

AVERAGES:

61-65	1,780	480	300	960	600	300	4,640	680	40	2,500	480	2,480	960	3,360	360	280	760	20,960
66-70	1,980	620	600	1,560	740	420	9,080	1,800	20	4,225	820	7,420	2,840	4,200	1,060	200	1,160	38,745
71-75	3,340	680	660	3,260	1,380	320	8,120	2,520	0	8,940	900	4,660	6,120	4,820	1,040	20	1,500	48,280
76-80	6,240	380	320	4,420	1,860	520	11,640	3,560	40	7,220	760	5,300	4,020	5,260	700	380	1,680	54,300
81-85	4,340	520	480	3,960	660	500	10,680	1,720	40	7,340	740	4,660	2,460	8,260	620	180	760	47,920
86-90	2,240	160	200	3,400	680	920	4,660	1,460	60	7,420	700	3,320	2,900	5,520	520	320	260	34,740
91-95	3,100	280	120	1,440	380	940	5,260	1,420	20	5,460	440	6,520	2,120	3,920	820	440	340	33,060
96-2000	2,320	640	200	3,040	760	800	8,720	3,420	0	7,280	800	8,720	10,760	8,080	2,160	580	800	59,020

** - TRace = Fewer than 50

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON COMMON MERGANSER HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
1961	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	100
1962	300	0	100	100	100	100	200	0	0	0	0	0	0	0	0	0	0	900
1963	100	200	0	200	0	100	200	100	0	300	0	100	0	100	0	0	0	1,400
1964	100	300	100	200	0	0	500	0	0	200	0	400	0	200	0	0	0	2,000
1965	100	0	100	400	100	200	600	0	0	100	0	200	0	0	0	0	0	1,800
1966	100	100	100	0	0	100	100	100	0	0	0	0	0	0	0	0	100	700
1967	100	0	0	200	100	100	500	100	0	400	100	600	0	0	0	0	200	2,400
1968	200	100	0	100	100	100	1,100	100	0	500	0	600	300	0	0	0	0	3,200
1969	100	300	100	0	100	0	300	100	0	100	0	300	100	0	0	0	0	1,500
1970	200	100	0	0	100	0	300	100	0	500	0	600	0	0	300	0	0	2,200
1971	300	0	0	0	400	0	400	100	0	0	0	300	100	200	0	0	100	1,900
1972	200	0	0	300	100	100	0	100	0	200	0	100	0	0	0	0	100	1,200
1973	200	0	0	0	100	0	800	300	0	100	0	0	0	0	0	0	0	1,500
1974	400	0	600	100	0	0	500	500	0	0	0	400	100	0	0	0	100	2,700
1975	200	0	900	800	0	100	600	100	0	0	200	1,100	100	0	0	0	0	4,100
1976	600	0	1,600	1,000	200	0	1,100	300	0	100	300	300	100	0	0	0	0	5,600
1977	800	0	600	2,000	200	300	100	0	0	0	0	0	400	0	0	0	0	4,400
1978	600	100	300	400	0	100	0	500	0	200	0	0	0	0	0	0	0	2,200
1979	1,600	0	300	1,700	400	0	300	200	0	500	100	600	100	0	0	0	0	5,800
1980	700	100	200	400	100	200	2,000	1,100	0	0	100	0	200	1,100	0	0	0	6,200
1981	500	100	200	0	100	300	2,500	400	100	200	100	300	200	0	0	0	0	5,000
1982	100	0	400	200	400	0	1,300	200	0	200	0	0	0	0	0	0	0	2,800
1983	300	700	300	600	200	100	1,500	100	0	100	100	100	100	0	200	0	0	4,400
1984	300	100	300	400	0	0	600	300	0	200	100	0	100	0	0	0	0	2,400
1985	400	400	300	1,000	200	0	500	100	0	100	100	100	100	0	0	0	0	3,300
1986	900	100	300	200	100	0	300	400	100	400	0	100	0	0	0	0	0	2,900
1987	1,100	0	500	0	300	100	1,400	600	0	0	0	0	300	0	0	0	0	4,300
1988	500	100	300	0	100	200	700	0	0	500	200	0	0	100	0	0	0	2,700
1989	200	600	200	500	500	0	1,900	500	0	200	0	400	100	100	0	0	0	5,200
1990	400	200	200	200	200	0	1,200	300	0	200	0	0	100	0	0	0	0	3,000
1991	1,000	300	200	100	100	0	900	300	0	100	0	0	0	0	0	0	0	3,000
1992	300	600	0	700	600	0	1,200	200	TR**	0	0	100	0	0	0	0	0	3,800
1993	300	100	100	200	300	200	1,400	300	0	200	100	200	0	0	0	0	0	3,400
1994	900	300	300	300	500	0	900	600	0	100	0	0	0	0	0	0	0	3,800
1995	700	700	200	300	500	0	1,900	900	0	100	0	100	0	0	0	0	0	5,400
1996	700	400	200	300	200	100	2,200	800	0	100	200	TR**	200	0	0	0	0	5,300
1997	900	400	100	200	500	0	2,400	1,300	0	400	0	400	0	0	0	0	0	6,700
1998	800	300	200	700	100	0	1,500	1,500	0	400	0	100	0	0	0	0	0	5,500
1999	600	200	100	200	0	TR**	1,300	2,600	0	200	0	700	0	0	0	0	0	6,000
2000	1,000	200	200	300	100	100	1,700	1,600	0	400	200	600	0	TR**	0	0	0	6,600
2001	1,400	200	100	200	100	TR**	500	800	0	0	0	200	0	0	0	0	0	3,500

AVERAGES:

61-65	120	100	60	180	40	80	320	20	0	120	0	140	0	60	0	0	0	1,240
66-70	140	120	40	60	80	60	460	100	0	300	20	420	80	0	60	0	60	2,000
71-75	260	0	300	240	120	40	460	220	0	60	40	380	60	40	0	0	60	2,280
76-80	860	40	600	1,100	180	120	700	420	0	160	100	180	160	220	0	0	0	4,840
81-85	320	260	300	440	180	80	1,280	220	20	160	80	100	100	0	40	0	0	3,580
86-90	620	200	300	180	240	60	1,100	360	20	280	40	100	100	40	0	0	0	3,620
91-95	640	400	160	320	400	40	1,260	460	0	100	20	80	0	0	0	0	0	3,880
96-2000	800	300	160	340	180	50	1,820	1,560	0	300	80	450	40	0	0	0	0	6,020

** - TRace = Fewer than 50

C:\Data book\Final MQS Report\Atlantic\Harvest estimates\I.D. Sheet: COME

Revision RVR

06/30/03

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON RED BREASTED MERGANSER HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
1961	0	0	0	0	0	0	400	100	0	0	0	0	0	0	0	0	0	500
1962	200	0	100	600	0	0	2,300	100	0	700	0	0	0	1,100	500	0	200	5,800
1963	300	0	0	400	0	300	3,400	100	0	400	0	200	200	500	100	0	700	6,600
1964	200	300	0	900	0	300	4,700	100	0	700	100	100	400	1,100	0	200	400	9,500
1965	100	100	100	900	400	600	2,400	0	0	300	0	0	300	200	0	0	600	6,000
1966	300	100	100	600	100	100	3,000	0	0	100	0	2,800	500	1,000	200	0	900	9,800
1967	100	0	0	500	100	100	2,900	100	0	1,000	0	0	200	1,100	0	0	1,100	7,200
1968	400	100	100	400	100	500	3,500	0	0	500	0	100	0	300	0	0	400	6,400
1969	200	0	0	900	100	100	900	200	0	900	0	600	200	500	400	0	3,000	8,000
1970	400	400	0	1,900	400	900	5,700	500	0	800	400	400	600	500	400	600	3,800	17,700
1971	500	100	100	200	100	0	800	100	0	300	0	400	1,000	1,700	400	400	2,300	8,400
1972	300	0	0	1,400	100	500	2,200	0	0	1,900	0	400	200	500	200	0	1,100	8,800
1973	0	0	0	1,600	100	300	2,400	200	0	400	0	600	1,100	2,100	100	0	1,600	10,500
1974	100	100	0	2,000	500	1,400	2,400	0	0	1,200	0	100	300	1,800	0	0	800	10,700
1975	300	0	500	1,000	100	300	2,000	0	0	1,000	600	100	900	400	400	0	2,200	9,800
1976	1,200	0	400	2,000	800	300	5,100	600	0	0	100	200	200	600	0	0	1,000	12,500
1977	300	0	200	500	100	100	3,800	100	0	0	100	0	300	1,200	0	0	1,000	7,700
1978	200	0	700	800	200	400	1,300	200	0	300	200	0	100	300	0	0	1,100	5,800
1979	0	0	0	500	0	0	1,800	100	0	100	0	0	100	0	0	0	1,400	4,000
1980	200	0	100	400	300	100	1,800	200	0	200	100	0	100	300	100	0	700	4,600
1981	200	0	100	500	300	1,200	5,300	400	0	800	100	300	900	800	0	0	600	11,500
1982	200	0	100	1,100	0	0	3,100	0	0	800	0	700	600	200	0	0	2,600	9,400
1983	100	400	200	1,200	400	100	2,500	0	0	600	100	0	1,000	1,900	300	0	4,700	13,500
1984	900	300	200	1,300	700	200	3,300	100	0	1,000	0	0	100	600	0	0	2,100	10,800
1985	700	100	0	3,900	400	200	3,100	700	0	1,700	200	200	200	1,100	0	100	800	13,400
1986	800	0	100	2,800	1,100	100	2,100	600	0	2,600	200	0	400	1,400	200	100	300	12,800
1987	100	300	100	1,400	200	300	2,400	200	0	1,300	0	0	0	900	0	0	100	7,300
1988	300	0	0	1,400	200	600	400	0	0	400	0	0	1,100	200	100	0	200	4,900
1989	100	100	0	1,900	400	1,200	3,100	100	0	800	100	200	300	100	0	0	0	8,400
1990	600	0	0	1,400	100	400	1,800	100	0	1,000	100	100	500	900	100	0	0	7,100
1991	300	200	0	3,300	100	400	4,200	100	0	1,100	0	100	100	0	0	0	100	10,000
1992	300	100	0	600	100	100	2,200	1,000	0	900	0	100	2,800	900	0	0	100	9,000
1993	500	100	0	1,500	600	1,100	2,300	100	0	600	0	700	300	300	0	0	300	8,400
1994	300	100	100	1,000	300	700	1,100	200	0	1,500	200	900	300	1,800	100	0	100	8,700
1995	400	TR**	0	1,300	1,500	1,500	3,400	0	0	3,200	0	300	100	400	0	0	300	12,300
1996	300	100	0	800	300	1,200	2,500	0	0	1,100	TR**	1,000	1,600	1,200	800	600	600	12,200
1997	300	0	100	2,300	800	800	4,700	500	0	1,700	0	800	2,900	1,600	1,100	100	400	17,900
1998	0	300	100	3,700	600	400	2,800	300	0	2,800	200	400	1,600	800	0	0	1,500	15,600
1999	900	100	800	1,500	400	0	2,300	0	0	1,400	600	0	2,600	300	0	0	400	11,200
2000	0	0	TR**	0	900	500	2,000	200	TR**	500	300	700	1,300	200	0	0	0	6,600
2001	200	0	100	400	400	1,600	4,000	200	0	1,000	500	200	300	0	200	100	200	9,300

AVERAGES:

61-65	160	80	40	560	80	240	2,640	80	0	420	20	60	180	580	120	40	380	5,680
66-70	280	120	40	860	160	340	3,200	160	0	660	80	780	300	680	200	120	1,840	9,820
71-75	240	40	120	1,240	180	500	1,960	60	0	960	120	320	700	1,300	220	80	1,040	9,640
76-80	380	0	280	840	280	180	2,760	240	0	120	100	40	160	480	20	0	1,040	6,920
81-85	420	160	120	1,600	360	340	3,460	240	0	980	80	240	560	920	60	20	2,160	11,720
85-90	380	80	40	1,780	400	520	1,960	200	0	1,220	80	60	460	700	80	20	120	8,100
91-95	360	125	20	1,540	520	760	2,640	280	0	1,460	40	420	720	680	20	0	180	9,680
96-2000	300	100	250	1,660	600	580	2,860	200	0	1,500	275	580	2,000	820	380	140	580	12,700

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR - SEASON 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	TOTAL
1961	400	200	200	200	0	200	1,200	400	0	400	0	300	300	1,500	800	400	3,300	9,800
1962	500	600	200	300	100	100	800	300	100	400	0	200	800	1,300	2,600	700	2,800	11,800
1963	500	500	200	400	0	100	1,700	200	200	300	0	100	700	1,300	1,500	1,900	5,200	15,000
1964	500	300	600	200	0	100	1,800	300	100	400	200	400	1,000	2,200	1,100	200	2,100	11,500
1965	1,000	600	500	400	0	100	2,200	300	0	1,100	100	300	200	1,600	600	1,000	5,600	15,600
1966	300	200	700	500	0	100	1,500	500	0	1,100	0	500	800	2,400	800	1,400	3,300	14,100
1967	400	200	200	200	200	0	1,800	600	0	1,500	300	2,400	700	2,800	1,500	400	4,400	17,600
1968	400	100	100	400	400	200	1,500	1,800	0	1,300	100	800	2,300	3,400	3,900	700	6,800	24,200
1969	400	500	500	400	300	0	1,600	900	100	1,000	100	500	1,400	2,700	1,900	1,500	3,600	17,400
1970	800	800	900	200	100	0	2,600	1,100	100	1,300	500	300	1,400	4,400	2,700	2,300	9,700	29,200
1971	800	400	600	400	400	100	3,700	500	0	1,000	100	600	1,200	2,900	2,000	1,900	5,300	21,900
1972	1,700	300	300	200	100	100	1,600	200	0	1,300	0	300	1,000	1,400	1,000	1,800	3,900	15,200
1973	700	300	300	700	0	0	1,000	1,200	100	1,000	200	1,800	1,500	1,200	1,400	1,500	2,600	15,500
1974	200	500	900	300	200	100	1,300	600	0	1,300	0	1,000	1,000	1,800	3,700	1,100	3,400	17,400
1975	700	0	800	400	300	0	2,700	1,600	0	2,100	300	400	1,100	1,800	2,000	1,100	5,800	19,700
1976	1,400	400	1,200	100	200	100	3,000	1,600	0	300	0	900	200	3,900	1,800	600	5,700	21,400
1977	1,100	1,000	400	100	300	400	1,500	700	0	2,400	100	500	2,200	6,700	1,600	600	5,100	24,700
1978	1,100	900	500	400	400	200	1,300	1,700	0	2,900	0	0	3,000	1,000	2,100	200	5,300	21,000
1979	1,000	200	200	400	100	0	4,300	1,300	100	2,000	200	600	1,100	900	2,000	1,300	2,200	17,900
1980	1,400	400	300	300	300	100	2,100	1,600	0	2,100	300	400	1,100	2,800	2,800	300	3,900	20,200
1981	2,100	600	100	200	100	0	1,500	1,900	0	1,100	300	300	1,900	2,000	2,500	1,600	3,900	20,100
1982	1,000	400	400	500	600	0	1,600	1,400	0	3,600	2,100	100	1,000	5,300	2,200	1,400	3,700	25,300
1983	1,100	400	300	200	200	100	1,600	900	0	2,500	300	200	1,900	3,000	3,600	1,600	1,800	19,700
1984	700	100	500	200	100	0	1,900	800	100	1,800	200	1,500	2,800	2,100	2,600	1,200	2,000	18,600
1985	800	400	600	500	500	100	1,400	1,500	0	4,300	200	1,200	3,200	4,000	1,600	900	700	21,900
1986	900	400	300	100	0	100	800	1,300	100	4,500	100	2,500	2,300	3,000	2,500	900	1,100	20,900
1987	1,000	100	800	600	200	100	2,900	1,000	TR**	2,700	0	200	3,400	4,800	1,600	800	1,000	21,200
1988	600	100	300	700	100	0	800	600	100	1,700	0	1,700	700	2,500	3,300	900	900	15,000
1989	500	100	300	700	100	0	800	600	100	1,700	0	1,700	700	2,500	3,300	900	900	14,900
1990	1,000	200	300	400	100	100	1,000	700	100	1,100	200	900	1,200	4,600	1,900	800	1,000	15,600
1991	600	100	600	900	0	0	1,700	800	100	2,400	700	1,600	1,800	1,500	1,900	1,000	1,300	17,000
1992	600	300	400	100	0	0	3,500	900	TR**	900	600	1,200	2,200	2,200	1,400	1,100	1,100	16,600
1993	600	200	600	TR**	200	200	2,400	1,500	100	1,900	200	1,100	1,500	1,200	2,700	700	1,900	16,800
1994	1,100	100	700	100	100	200	1,800	600	0	900	200	1,100	1,800	3,200	2,900	2,000	1,000	17,800
1995	1,600	300	200	100	600	0	3,100	1,200	100	700	500	1,600	3,600	3,200	5,400	2,300	1,200	25,900
1996	2,200	400	400	200	200	100	5,000	2,100	100	800	100	1,500	3,500	2,800	4,200	3,500	1,000	28,000
1997	1,200	400	500	200	100	100	4,400	2,000	TR**	1,300	300	1,900	2,500	4,800	4,900	2,600	2,200	29,500
1998	1,600	200	300	700	400	100	2,700	3,500	0	2,000	400	1,600	3,200	5,300	6,500	1,700	2,900	33,100
1999	1,400	200	100	200	200	100	1,500	3,700	100	2,000	900	2,200	4,900	5,400	2,000	2,300	2,800	30,000
2000	1,300	300	200	100	300	500	2,000	2,000	TR**	2,200	500	1,400	5,000	10,300	9,000	2,800	3,800	41,300
2001	3,100	100	700	400	100	500	800	2,900	0	2,600	100	800	2,800	1,900	7,900	2,500	1,600	28,900

AVERAGES:

61-65	580	440	340	300	20	120	1,540	300	80	520	100	260	600	1,560	1,320	840	3,800	12,740
66-70	460	360	480	340	200	60	1,800	980	40	1,240	200	900	1,320	3,140	2,160	1,260	5,560	20,500
71-75	820	300	580	400	200	60	2,060	780	20	1,080	120	820	1,180	1,820	2,020	1,480	4,200	17,940
76-80	1,200	580	520	260	260	160	2,440	1,380	20	1,940	120	480	1,520	3,060	2,060	600	4,440	21,040
81-85	1,140	380	380	320	300	40	1,600	1,300	20	2,660	620	660	2,160	3,280	2,500	1,340	2,420	21,120
86-90	800	180	400	500	100	60	1,260	840	100	2,340	60	1,400	1,660	3,480	2,520	860	980	17,520
91-95	900	200	500	300	180	80	2,500	1,000	75	1,360	440	1,320	2,180	2,260	2,860	1,420	1,300	18,820
96-2000	1,540	300	300	280	240	180	3,120	2,660	67	1,660	440	1,720	3,820	5,720	5,320	2,580	2,540	32,380

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF OLDSQUAW HARVEST IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
1961	100	0	0	0	0	0	0	4,800	100	0	200	0	100	300	100	0	0	6,100
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	400	0	0	0	200	0	0	800	0	0	100	0	0	0	0	100	0	1,600
1964	500	100	400	0	600	100	0	2,000	200	0	400	0	200	0	0	0	0	4,500
1965	400	100	200	0	200	0	0	1,200	0	0	0	0	100	0	0	0	0	2,200
1966	200	200	100	0	200	400	0	1,400	0	0	300	0	100	0	0	0	0	2,900
1967	1,900	0	100	0	400	0	0	1,700	0	0	0	0	0	0	0	0	0	4,100
1968	800	100	0	200	400	0	0	600	0	400	0	600	200	0	0	0	0	5,400
1969	1,200	0	100	1,500	300	0	5,400	1,100	0	600	200	1,400	100	0	0	0	200	12,100
1970	3,500	100	100	1,400	300	0	3,600	100	100	1,500	0	1,400	900	0	0	0	0	13,000
1971	200	200	200	300	100	0	3,800	2,300	0	1,700	400	2,300	300	200	0	0	0	12,000
1972	1,500	0	0	500	200	0	1,000	200	0	3,400	0	3,000	1,800	200	0	0	0	11,800
1973	1,700	100	100	500	400	0	600	200	0	2,400	0	1,700	2,000	500	200	0	0	10,400
1974	1,600	100	500	400	200	0	4,700	300	0	900	0	3,500	600	0	0	0	0	12,800
1975	400	100	0	500	0	100	3,700	300	0	1,600	600	11,300	900	0	0	0	0	22,900
1976	1,100	100	0	1,300	0	0	2,700	400	0	1,300	0	8,600	100	0	0	0	0	15,600
1977	1,100	0	300	200	400	0	800	800	0	200	100	3,300	900	200	0	0	0	8,300
1978	1,100	0	100	1,000	0	0	1,000	300	0	400	0	3,100	0	0	0	0	0	7,000
1979	500	200	0	400	1,700	300	6,900	300	0	0	0	7,000	0	100	0	0	0	17,400
1980	2,700	0	0	300	400	0	2,700	100	0	0	0	700	100	0	100	0	0	7,100
1981	900	100	100	300	600	0	2,500	0	0	100	0	10,200	3,400	500	100	0	0	18,800
1982	1,800	100	200	200	0	0	3,400	300	0	2,300	0	1,000	0	100	0	0	0	9,400
1983	2,100	300	300	500	400	300	1,300	0	0	900	0	500	0	0	0	0	0	6,600
1984	2,300	500	0	800	0	0	13,400	1,100	0	900	0	11,400	0	600	0	0	100	31,100
1985	500	200	0	1,700	600	0	2,400	800	0	300	0	6,600	400	200	0	0	0	13,700
1986	2,100	100	0	600	300	0	5,500	0	0	400	0	5,300	100	200	0	0	0	14,600
1987	2,100	0	500	100	100	0	2,600	0	0	0	0	6,200	1,000	100	0	0	0	12,700
1988	1,600	0	0	300	0	0	1,400	0	0	100	100	10,900	1,300	0	0	0	0	15,700
1989	2,200	0	0	500	0	0	1,000	400	TR**	TR**	0	2,800	200	100	0	0	0	7,200
1990	3,800	100	100	1,000	0	0	4,000	100	0	200	200	9,100	900	0	0	0	0	19,500
1991	2,200	0	0	200	800	0	300	100	0	100	0	8,500	200	0	0	0	100	12,500
1992	5,400	0	0	100	0	0	1,500	100	0	200	0	9,900	2,100	0	0	0	0	19,400
1993	2,500	0	TR**	0	2,500	0	1,800	TR**	0	100	0	6,000	300	0	0	0	0	13,200
1994	1,000	100	0	500	900	0	6,100	100	0	100	600	2,500	0	0	0	0	0	11,800
1995	1,000	TR**	0	400	1,300	0	2,200	0	0	400	0	5,200	0	100	0	0	0	10,700
1996	800	200	400	100	600	0	3,300	100	0	600	0	7,100	500	100	900	0	0	14,800
1997	500	TR**	0	300	3,100	0	1,800	100	0	1,300	0	5,500	3,500	0	0	0	0	16,200
1998	2,900	0	0	0	400	100	3,700	0	0	100	0	3,500	100	0	0	0	0	10,700
1999	1,100	0	0	300	700	0	5,300	0	0	200	0	5,400	200	100	0	100	0	13,500
2000	800	100	TR**	200	1,700	0	2,100	100	0	100	100	3,700	600	200	0	0	0	9,800
2001	1,700	100	100	300	1,700	TR**	1,600	100	0	300	0	3,400	200	0	0	0	0	9,400

AVERAGES:

61-65	280	40	120	0	280	20	0	1,760	60	0	140	0	80	60	20	20	0	2,880
66-70	1,520	80	80	620	320	80	2,220	980	20	500	100	680	260	0	0	0	40	7,500
71-75	1,080	100	160	440	180	20	2,760	1,340	0	2,000	200	4,360	1,120	180	40	0	0	13,980
76-80	1,300	60	80	640	500	60	2,820	380	0	380	20	4,540	220	60	20	0	0	11,080
81-85	1,520	240	120	700	320	60	4,600	440	0	900	0	5,940	760	280	20	0	20	15,920
86-90	2,360	40	120	500	80	0	2,900	100	0	175	60	6,860	700	80	0	0	0	16,500
91-95	2,420	25	0	240	1,100	0	2,380	75	0	180	120	6,420	520	20	0	0	20	13,520
96-2000	1,220	75	100	180	1,300	20	3,240	60	0	460	20	5,040	980	80	180	0	20	13,000

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Revision RVR

06/30/03

MAIL-QUESTIONNAIRE-SURVEY-DERIVED 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	TOTAL
1961	1,100	0	0	200	0	0	0	0	0	0	0	100	0	0	0	0	0	1,400
1962	200	0	0	800	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000
1963	1,200	0	0	1,300	0	0	0	0	0	0	0	0	0	0	0	0	0	2,500
1964	2,400	0	0	1,700	100	0	200	0	0	0	0	0	0	0	0	0	0	4,400
1965	1,900	0	200	1,200	100	0	100	0	0	0	0	0	0	0	0	0	0	3,500
1966	2,000	0	0	1,100	0	0	0	0	0	0	0	0	0	0	0	0	0	3,100
1967	2,500	100	100	5,300	0	0	300	0	0	100	0	0	0	0	0	0	0	8,400
1968	1,300	0	0	2,400	0	0	100	0	0	100	0	0	100	0	0	0	0	4,000
1969	4,400	0	0	1,500	0	100	0	0	0	0	0	0	0	0	0	0	0	6,000
1970	3,800	0	1,000	2,300	0	0	0	0	0	0	0	0	0	0	0	0	0	7,100
1971	9,900	0	0	4,900	0	0	0	0	0	0	0	0	0	0	0	0	0	14,800
1972	8,100	0	0	9,500	0	0	0	0	0	0	0	0	0	0	0	0	0	17,600
1973	5,600	0	0	10,500	0	0	0	0	0	0	0	0	0	0	0	0	0	16,100
1974	10,900	0	500	10,800	0	0	0	0	0	0	0	0	0	0	0	0	0	22,200
1975	9,600	0	0	5,200	0	0	0	0	0	0	0	0	0	0	0	0	0	14,800
1976	7,800	0	0	10,200	0	0	100	0	0	0	0	0	0	0	0	0	0	18,100
1977	9,000	0	400	5,000	0	0	100	0	0	0	0	0	0	0	0	0	0	14,500
1978	6,800	0	700	7,800	0	0	100	0	0	0	0	0	0	0	0	0	0	15,400
1979	5,200	0	0	12,300	0	0	300	0	0	0	0	0	0	0	0	0	0	17,800
1980	9,100	0	0	9,000	0	0	0	0	0	0	0	0	0	0	0	0	0	18,100
1981	6,900	0	1,300	14,000	0	0	100	0	0	0	0	0	0	0	0	0	0	22,300
1982	14,800	0	600	8,600	0	0	0	0	0	0	0	0	0	0	0	0	0	24,000
1983	20,200	0	0	11,600	0	0	0	0	0	0	0	0	0	0	0	0	0	31,800
1984	10,000	0	0	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	17,500
1985	8,000	0	400	17,000	0	0	0	0	0	0	0	0	0	0	0	0	0	25,400
1986	16,500	0	200	13,400	0	0	1,600	0	0	0	0	0	0	0	0	0	0	31,700
1987	10,300	0	400	13,500	0	0	0	0	0	0	0	0	0	0	0	0	0	24,200
1988	6,000	0	0	14,000	0	0	0	0	0	0	0	0	0	0	0	0	0	20,000
1989	7,200	0	0	7,200	0	100	0	0	0	0	200	0	0	0	0	0	0	14,700
1990	11,500	0	0	9,500	0	0	0	0	0	0	0	0	0	0	0	0	0	21,000
1991	25,900	0	800	14,500	0	0	0	0	0	0	0	0	0	0	0	0	0	41,200
1992	15,300	0	300	8,500	0	0	0	0	0	0	0	0	0	0	0	0	0	24,000
1993	6,900	0	100	1,900	0	0	0	0	0	0	0	0	0	0	0	0	0	8,900
1994	10,800	0	0	14,500	0	0	0	0	0	0	0	0	0	0	0	0	0	25,200
1995	15,200	0	100	16,300	100	0	0	0	0	0	0	0	0	0	0	0	0	31,700
1996	21,100	0	1,800	15,200	0	3,600	0	0	0	0	0	0	0	0	0	0	0	41,800
1997	19,400	0	400	12,900	0	2,300	0	0	0	0	0	0	0	0	0	0	0	34,900
1998	8,600	0	0	7,400	0	900	0	0	0	0	0	0	0	0	0	0	0	16,900
1999	16,200	0	2,400	3,900	0	100	0	0	0	0	0	0	0	0	0	0	0	22,700
2000	11,700	0	100	4,000	0	0	0	0	0	0	0	0	0	0	0	0	0	15,800
2001	14,200	100	100	4,600	0	1,600	0	0	0	0	0	0	0	0	0	0	0	20,600
AVERAGES:																		
61-65	1,360	0	40	1,040	40	0	60	0	0	0	0	20	0	0	0	0	0	2,560
66-70	2,800	20	220	2,520	0	20	80	0	0	40	0	0	20	0	0	0	0	5,720
71-75	8,820	0	100	8,180	0	0	0	0	0	0	0	0	0	0	0	0	0	17,100
76-80	7,580	0	220	8,860	0	0	120	0	0	0	0	0	0	0	0	0	0	16,780
81-85	11,980	0	460	11,740	0	0	20	0	0	0	0	0	0	0	0	0	0	24,200
86-90	10,300	0	120	11,520	0	20	320	0	0	0	40	0	0	0	0	0	0	22,320
91-95	14,820	0	260	11,140	20	0	0	0	0	0	0	0	0	0	0	0	0	26,200
96-2000	15,400	0	940	8,680	0	1,380	0	0	0	0	0	0	0	0	0	0	0	26,420

MAIL-QUESTIONNAIRE-SURVEY-DERIVED 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	TOTAL
1961	400	0	0	700	0	0	700	100	0	0	0	0	0	200	0	0	0	0	2,100
1962	0	0	0	300	0	0	0	0	0	0	0	0	0	100	0	0	0	0	400
1963	100	200	0	500	0	0	1,000	0	0	100	100	0	100	0	0	0	0	0	2,100
1964	1,200	0	200	1,700	200	0	1,200	100	0	0	0	0	0	0	0	0	0	0	4,600
1965	1,100	0	200	2,800	0	0	1,600	0	0	600	600	0	0	100	0	0	0	0	7,000
1966	600	600	0	2,200	200	0	1,300	100	0	700	0	0	0	300	0	0	0	0	6,000
1967	2,600	0	700	3,200	0	100	1,400	100	0	1,800	0	500	0	0	0	0	0	0	10,400
1968	1,900	400	100	2,600	200	100	1,700	0	0	2,000	0	0	100	0	0	0	0	0	9,100
1969	2,100	100	300	700	400	100	1,900	600	0	800	0	0	0	0	0	0	0	0	7,000
1970	700	0	0	200	0	200	2,300	500	0	100	100	900	0	400	0	0	0	0	5,200
1971	1,500	0	300	2,000	900	300	1,200	1,200	0	0	800	1,000	0	200	0	0	0	0	9,400
1972	300	0	200	1,100	200	500	1,100	500	0	100	200	1,800	0	0	0	0	100	0	6,100
1973	2,000	100	600	2,600	0	0	800	0	0	200	2,800	100	100	0	0	0	0	0	9,300
1974	1,100	400	400	3,400	700	100	6,000	1,800	0	100	0	1,900	500	4,600	0	0	0	0	21,000
1975	2,400	100	200	1,500	1,200	100	3,200	1,400	0	1,800	200	2,300	0	1,700	0	0	0	0	16,100
1976	2,000	600	1,800	300	300	0	1,700	200	0	900	0	900	0	200	0	0	0	0	8,900
1977	600	100	1,300	3,700	1,000	200	1,800	700	0	500	500	2,100	0	2,700	0	0	100	0	15,300
1978	900	0	500	2,300	1,500	0	500	100	0	200	400	700	0	800	0	0	0	0	7,900
1979	3,700	200	100	300	0	300	4,100	0	0	0	0	300	0	2,800	0	0	0	0	11,800
1980	1,200	100	1,400	1,100	0	300	200	0	0	0	0	300	0	700	0	0	100	0	5,400
1981	1,900	200	500	300	300	300	900	200	0	0	0	0	0	4,100	0	0	0	0	8,700
1982	800	100	0	1,000	400	400	1,100	100	0	0	0	0	0	100	100	0	0	0	4,100
1983	500	100	300	200	0	1,200	700	300	0	200	0	100	0	0	0	0	0	0	3,600
1984	1,000	500	800	500	0	700	6,700	200	0	100	0	200	200	800	0	0	0	0	10,600
1985	400	500	1,800	1,200	600	0	2,900	0	0	100	0	1,200	0	4,600	0	0	200	0	13,500
1986	300	0	200	400	400	500	800	100	0	0	0	2,100	0	2,000	0	0	0	0	6,800
1987	300	0	700	600	100	900	400	0	0	100	0	6,300	0	500	0	0	0	0	9,900
1988	100	0	100	0	0	2,000	2,700	0	0	0	0	600	0	0	0	0	0	0	5,500
1989	700	100	100	800	300	600	500	100	0	0	0	1,200	0	1,000	0	0	0	0	5,400
1990	600	0	300	800	400	0	500	0	0	100	0	9,200	100	0	0	0	0	0	12,000
1991	700	0	500	1,100	0	0	100	0	0	100	0	700	0	3,400	0	0	0	0	6,600
1992	0	100	100	400	0	0	100	100	0	100	100	2,000	0	1,600	0	0	0	0	4,400
1993	900	0	200	300	0	0	200	100	0	200	0	500	0	600	0	0	0	0	3,100
1994	100	0	1,000	200	0	0	600	100	0	0	0	100	0	3,600	0	0	0	0	5,600
1995	200	0	0	1,100	0	100	0	100	0	400	200	700	0	0	0	0	0	0	2,800
1996	300	0	300	300	100	300	2,700	100	0	200	0	300	0	100	0	0	0	0	4,700
1997	500	0	200	600	100	200	500	100	0	400	0	1,700	0	200	0	0	0	0	4,500
1998	400	100	0	0	100	1,100	TR**	200	0	200	0	600	0	400	0	0	0	0	3,000
1999	1,300	0	700	0	0	0	400	200	0	500	0	2,100	0	600	0	0	100	0	5,900
2000	200	0	100	TR**	0	200	700	0	0	200	0	1,000	200	200	0	0	0	0	2,800
2001	1,900	TR**	200	100	0	100	0	100	0	0	0	600	0	500	0	0	0	0	3,600

AVERAGES:

61-65	560	40	80	1,200	40	0	900	40	0	140	140	0	20	80	0	0	0	0	3,240
66-70	1,580	220	220	1,740	200	60	1,720	260	0	1,080	20	280	20	140	0	0	0	0	7,540
71-75	1,460	120	340	2,120	600	200	2,460	980	0	400	280	1,960	120	1,320	0	0	20	0	12,380
76-80	1,680	200	1,020	1,540	560	160	1,660	200	0	320	180	860	0	1,440	0	0	40	0	9,860
81-85	740	280	680	640	260	520	2,460	160	0	80	0	260	40	1,920	20	0	40	0	8,100
86-90	400	20	280	520	240	800	980	40	0	40	0	3,880	20	700	0	0	0	0	7,920
91-95	380	20	360	620	0	20	200	80	0	160	60	800	0	1,840	0	0	0	0	4,500
96-2000	540	20	260	225	60	360	1,075	120	0	300	0	1,140	40	300	0	0	20	0	4,180

** - TRace = Fewer than 50

C:\Data book\Final MQS Report\Atlantic\Harvest estimates\DLSheet:

BLSC

Revision RVR

06/30/03

MAIL-QUESTIONNAIRE-SURVEY-DERIVED 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	TOTAL
1961	600	100	100	3,500	200	0	4,800	0	0	0	0	0	0	0	0	0	0	9,300
1962	900	0	0	4,900	100	1,200	8,300	0	0	0	0	100	0	0	0	0	0	15,500
1963	600	300	100	1,800	600	0	3,400	0	0	100	0	0	0	0	0	0	0	6,900
1964	2,200	200	100	5,200	1,600	600	7,000	0	0	0	0	0	0	0	0	0	0	16,900
1965	4,000	300	1,400	7,400	900	500	5,800	0	0	100	100	100	0	0	0	0	0	20,600
1966	1,900	400	100	6,400	2,000	500	3,900	0	0	600	0	0	0	0	0	0	0	15,800
1967	4,000	300	200	10,600	900	1,200	3,800	0	0	1,100	0	600	100	0	0	0	0	22,800
1968	2,400	500	0	6,400	1,300	400	5,600	400	0	400	100	1,200	0	100	0	0	0	18,800
1969	4,800	100	700	2,800	1,000	800	9,000	100	400	0	0	0	0	0	0	0	0	19,700
1970	2,500	200	300	8,600	600	0	8,900	300	0	200	100	3,100	100	200	0	0	100	25,200
1971	4,100	400	300	4,400	2,200	1,800	4,400	1,400	0	0	100	3,200	200	0	0	0	100	22,600
1972	3,600	0	100	1,400	1,800	1,300	4,000	200	0	0	3,100	300	0	0	0	0	0	15,800
1973	7,000	200	200	6,500	800	600	5,500	100	0	0	4,400	0	0	0	0	0	0	25,300
1974	3,700	500	1,000	7,100	1,200	400	9,600	400	0	600	0	2,200	0	0	0	0	0	26,700
1975	2,400	200	200	4,700	4,400	2,800	13,100	700	0	200	200	3,900	200	0	0	0	0	33,000
1976	4,500	100	1,400	2,300	100	1,800	5,500	400	0	0	0	1,900	100	0	0	0	0	18,100
1977	1,100	100	600	2,700	1,100	700	4,300	300	0	100	100	1,100	0	0	0	0	0	12,200
1978	1,600	200	900	3,000	0	400	4,800	200	0	200	200	500	100	0	0	0	0	12,100
1979	1,000	0	200	130	200	300	5,300	100	0	0	1,300	100	100	0	0	0	0	8,730
1980	1,900	400	0	0	0	800	10,200	0	0	0	0	500	0	100	0	0	0	13,900
1981	1,500	0	1,200	400	900	400	4,000	100	0	0	0	0	3,400	0	0	0	0	11,900
1982	2,100	100	200	2,800	1,700	1,100	5,900	0	0	0	0	0	0	0	0	0	0	13,900
1983	2,600	1,000	100	2,400	0	1,900	900	100	0	0	100	0	400	100	200	0	200	9,600
1984	3,400	200	1,500	3,100	1,500	2,200	14,700	0	0	0	0	1,200	0	0	0	0	0	27,800
1985	2,100	400	400	5,400	700	400	9,300	0	0	0	0	500	0	100	0	0	0	19,300
1986	1,400	0	100	2,000	700	500	3,100	0	0	0	0	1,500	0	0	0	0	0	9,300
1987	1,400	0	1,700	3,100	1,000	1,500	4,900	0	0	0	0	6,300	400	0	0	0	0	20,300
1988	1,600	200	700	4,900	500	2,500	5,500	0	0	100	0	1,500	0	0	0	0	0	17,500
1989	700	100	200	1,800	500	1,500	1,800	0	0	0	0	500	0	0	0	0	0	7,100
1990	2,400	100	900	3,300	700	0	5,000	100	0	200	0	0	0	0	0	0	0	14,690
1991	1,100	100	1,100	4,000	600	0	7,700	100	0	100	0	1,600	0	0	0	0	0	18,391
1992	1,000	100	700	2,300	900	100	1,800	100	0	100	0	1,900	0	0	0	0	0	8,900
1993	2,000	0	200	2,000	100	0	1,300	0	0	0	0	600	0	0	0	0	0	6,300
1994	1,300	300	0	600	100	0	100	0	0	100	100	900	100	0	0	0	0	3,700
1995	2,000	0	100	2,200	0	100	500	0	0	TR**	100	1,000	0	0	0	0	0	6,000
1996	1,100	TR**	1,000	800	200	TR**	4,400	0	0	200	0	200	100	0	0	0	0	8,000
1997	1,500	0	300	1,400	200	600	1,900	0	0	100	0	700	0	0	0	0	0	6,800
1998	700	100	1,200	900	0	400	800	0	0	0	0	600	0	0	0	0	0	4,600
1999	700	0	900	200	0	0	1,400	0	0	0	0	0	200	0	0	0	0	3,400
2000	500	0	200	1,700	0	0	400	0	0	0	0	700	0	0	0	0	0	3,500
2001	1,900	100	200	300	0	600	4,900	400	0	0	0	400	0	0	0	0	0	8,700

AVERAGES:

61-65	1,660	180	340	4,560	680	460	5,860	0	0	40	20	40	0	0	0	0	0	13,840
66-70	3,120	300	260	6,960	1,160	580	6,240	160	80	460	40	980	40	60	0	0	20	20,460
71-75	4,160	260	360	4,820	2,080	1,380	7,320	560	0	160	60	3,360	140	0	0	0	20	24,680
76-80	2,020	160	620	1,626	280	800	6,020	200	0	60	60	1,060	60	40	0	0	0	13,006
81-85	2,340	340	680	2,820	960	1,200	6,960	40	0	0	0	360	680	40	40	0	40	16,500
86-90	1,500	80	720	3,020	680	1,200	4,060	20	0	60	0	1,960	80	0	0	0	0	14,547
91-95	1,480	100	420	2,220	340	40	2,280	40	0	75	40	1,200	20	0	0	0	0	8,658
91-2000	900	25	720	1,000	80	250	1,780	0	0	60	0	440	60	0	0	0	0	5,260

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF SURF SCOTTER HARVEST IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AF	TOTAL
1961	600	0	0	1,300	0	100	600	0	0	0	0	0	500	0	0	0	0	3,100	
1962	0	100	0	800	0	0	200	0	0	0	0	0	0	0	0	0	0	1,100	
1963	400	400	100	2,200	0	0	1,100	0	0	100	0	0	0	100	0	0	0	4,400	
1964	1,900	100	200	3,000	1,100	0	400	0	0	0	0	0	0	0	0	0	0	6,700	
1965	2,400	100	600	5,100	100	300	2,600	0	0	300	100	0	0	100	0	0	0	11,700	
1966	1,200	300	300	4,900	0	0	1,700	300	0	700	0	100	0	200	0	0	0	9,700	
1967	4,300	100	400	6,600	300	100	1,100	0	0	1,700	0	800	100	100	0	0	0	15,600	
1968	2,800	400	100	5,300	600	0	4,800	100	0	2,700	0	100	200	400	0	0	0	17,500	
1969	6,700	0	200	2,300	1,700	500	3,800	100	0	200	0	1,100	0	0	0	0	0	16,600	
1970	5,000	200	100	6,400	3,300	0	3,500	0	0	0	0	1,600	0	200	100	0	0	20,400	
1971	4,500	200	1,200	5,300	3,800	400	1,800	0	0	200	800	1,900	200	700	0	0	0	21,000	
1972	2,900	100	300	3,400	1,400	300	4,800	200	0	200	600	3,000	1,000	1,100	0	100	0	19,400	
1973	5,300	0	500	4,400	900	500	4,800	0	0	100	200	3,300	400	0	0	0	0	20,400	
1974	4,600	400	0	10,800	1,200	500	2,200	500	0	500	0	0	200	1,300	0	0	0	22,200	
1975	4,900	100	400	6,600	3,300	600	9,700	200	0	1,100	200	700	900	1,500	0	100	0	30,300	
1976	4,900	100	1,100	3,300	1,000	0	4,300	100	0	600	0	0	0	900	0	0	0	16,300	
1977	2,600	600	1,600	3,700	2,500	1,000	3,700	1,100	0	300	400	1,500	500	3,000	0	300	0	22,800	
1978	2,900	0	800	6,500	0	100	1,700	400	0	0	1,000	500	0	800	0	0	0	14,700	
1979	3,700	0	200	1,400	200	100	800	400	100	0	0	600	500	2,100	0	0	100	10,200	
1980	800	200	600	1,600	0	500	3,000	100	200	100	0	300	0	2,400	0	0	0	9,800	
1981	1,700	100	500	1,100	900	300	2,200	0	0	100	0	0	10,400	5,500	0	0	0	22,800	
1982	700	100	200	900	900	100	2,400	100	0	0	0	0	0	400	0	0	0	5,800	
1983	1,800	0	0	1,100	1,500	400	700	100	0	0	0	200	0	0	0	0	0	5,800	
1984	3,000	200	1,500	1,300	4,600	300	5,500	100	0	200	200	0	1,200	200	0	0	0	18,300	
1985	2,200	100	500	2,300	3,500	200	4,900	0	0	700	0	3,500	0	800	0	0	0	18,700	
1986	4,700	100	400	1,600	1,400	600	3,900	200	0	100	0	4,100	0	2,000	0	0	0	19,100	
1987	2,900	0	2,600	2,700	1,000	1,200	2,800	0	0	300	0	2,900	1,400	300	0	0	0	18,100	
1988	300	0	100	1,200	500	1,100	700	0	0	100	0	2,300	0	0	0	0	0	6,300	
1989	700	0	200	1,600	1,000	1,900	1,600	0	0	0	0	6,800	300	1,500	0	0	0	15,600	
1990	1,300	100	400	2,900	1,800	0	1,000	0	0	200	0	6,700	500	0	0	0	0	14,900	
1991	1,500	0	500	4,000	100	0	1,600	0	0	300	200	1,400	0	1,800	0	0	0	11,400	
1992	1,100	100	400	1,600	0	0	200	0	0	100	0	6,600	100	1,100	0	0	0	11,300	
1993	2,000	0	100	1,800	0	0	400	0	0	100	0	2,000	800	1,200	0	0	0	8,200	
1994	1,300	200	1,400	1,600	0	0	600	0	0	200	0	6,900	300	3,400	200	0	0	15,900	
1995	1,300	0	0	1,200	500	200	900	0	0	100	500	1,100	0	600	0	0	0	6,400	
1996	3,800	0	1,100	500	300	300	700	0	0	100	0	4,200	0	400	0	0	0	11,300	
1997	3,100	0	200	1,200	300	200	1,800	0	0	200	0	1,500	1,200	100	0	0	0	9,600	
1998	4,600	100	1,200	200	300	1,100	400	0	0	100	0	6,200	0	300	0	200	0	14,700	
1999	3,000	0	900	300	0	0	1,400	0	0	500	0	1,200	900	500	0	0	100	8,700	
2000	700	0	100	500	0	200	400	0	0	100	0	7,700	1,000	0	0	0	0	10,700	
2001	1,900	0	0	100	0	100	4,600	100	0	200	0	3,900	0	800	0	0	0	11,700	

AVERAGES:

61-65	1,060	140	180	2,480	240	80	980	0	0	80	20	0	100	40	0	0	0	5,400	
66-70	4,000	200	220	5,100	1,180	120	2,980	100	0	1,060	0	740	60	180	0	20	0	15,960	
71-75	4,440	160	480	6,100	2,120	460	4,660	180	0	420	360	1,780	540	920	0	0	40	22,660	
76-80	2,980	180	860	3,300	740	340	2,700	420	60	200	280	580	200	1,840	0	0	80	14,760	
81-85	1,880	100	540	1,340	2,280	260	3,140	60	0	200	40	740	2,080	1,580	40	0	0	14,280	
86-90	1,980	40	740	2,000	1,140	960	2,000	40	0	140	0	4,560	440	760	0	0	0	14,800	
91-95	1,440	60	480	2,040	120	40	740	0	0	160	140	3,600	240	1,620	0	40	0	10,640	
91-2000	3,040	20	700	540	180	360	940	0	0	200	0	4,160	620	260	0	40	20	11,000	

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON 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	TOTAL
1961	0	0	0	0	0	0	0	600	0	0	0	0	1,400	300	0	0	0	2,300
1962	0	0	0	0	0	0	200	300	0	200	0	500	800	300	200	0	1,200	3,700
1963	0	0	0	0	200	0	300	400	0	0	0	1,100	500	900	100	400	700	4,600
1964	0	0	0	0	0	0	200	600	0	300	200	1,100	500	5,000	0	0	900	8,800
1965	100	0	0	0	0	0	200	400	0	0	100	400	200	600	0	0	900	2,900
1966	200	0	200	500	0	100	700	1,200	0	300	100	1,500	700	4,400	600	100	1,100	11,700
1967	100	0	0	200	100	0	1,800	1,500	0	0	100	400	1,000	2,600	300	0	400	8,500
1968	0	0	0	0	0	0	200	200	0	200	0	700	400	1,800	300	0	1,200	5,000
1969	200	100	0	100	100	0	400	600	0	800	0	800	1,700	1,500	1,300	100	2,600	10,300
1970	100	0	0	100	0	100	600	700	0	0	0	400	900	900	0	100	1,600	5,500
1971	0	300	0	0	0	0	700	1,400	0	1,500	300	400	2,700	3,100	0	100	1,800	12,300
1972	100	100	0	100	0	0	200	800	0	300	0	200	1,200	600	2,300	400	4,500	10,800
1973	0	0	0	0	0	0	200	3,800	0	4,100	400	1,300	3,300	600	200	0	3,100	17,000
1974	0	0	0	100	0	0	200	1,200	0	100	0	400	2,200	3,200	1,000	0	9,700	17,000
1975	200	100	0	400	0	0	2,600	0	0	500	900	1,500	4,300	5,100	200	200	300	16,300
1976	0	100	0	400	0	0	900	2,200	0	0	0	500	500	3,700	1,500	100	1,700	11,600
1977	200	100	200	100	100	0	400	300	0	0	0	500	300	3,100	700	0	100	6,100
1978	0	0	100	0	0	0	100	1,500	0	400	200	600	900	500	100	0	2,500	6,900
1979	100	0	0	0	0	0	0	300	0	800	100	1,000	400	900	600	200	4,000	8,400
1980	0	0	0	100	100	0	1,700	300	0	600	100	500	200	500	500	0	2,200	6,800
1981	0	0	0	0	0	0	0	600	0	0	0	200	500	2,100	300	100	1,400	5,200
1982	0	0	0	0	0	0	0	200	0	100	300	300	400	1,700	500	0	800	4,300
1983	0	100	0	0	0	0	200	1,900	0	600	300	500	400	5,100	1,500	0	2,000	14,500
1984	300	0	0	0	0	0	400	1,100	0	200	300	600	1,300	2,700	0	100	1,400	8,400
1985	0	100	100	100	0	0	0	1,700	0	700	200	1,600	100	1,400	0	300	500	6,800
1986	0	0	0	0	0	0	100	700	0	500	0	300	200	800	400	0	900	3,900
1987	0	0	0	0	0	0	100	300	TR**	300	0	200	800	1,700	0	200	900	4,500
1988	0	0	0	0	0	0	0	300	0	800	0	100	300	2,500	0	100	1,300	5,500
1989	100	0	0	0	0	0	0	300	0	800	0	100	300	2,500	0	100	1,300	5,500
1990	0	0	0	0	0	0	0	400	0	0	200	0	100	400	0	100	500	1,700
1991	0	0	0	0	0	0	0	0	0	0	100	900	100	1,400	0	0	0	2,500
1992	0	0	0	0	0	0	0	TR**	0	TR**	100	200	100	0	0	0	0	400
1993	0	0	0	0	0	0	0	100	0	200	200	100	0	800	0	100	100	1,700
1994	0	100	0	0	0	0	200	0	0	300	0	400	300	1,900	200	0	300	3,600
1995	0	100	0	0	0	0	200	600	0	400	0	2,300	300	2,300	0	0	1,500	8,100
1996	0	0	0	0	0	0	300	500	0	100	300	900	500	5,900	2,200	600	1,700	13,400
1997	0	0	0	100	0	0	800	2,500	0	1,700	100	3,700	2,700	6,900	3,300	1,200	2,200	25,200
1998	0	0	0	0	0	0	300	700	0	1,600	0	1,600	300	4,400	1,300	700	2,300	13,300
1999	0	0	0	100	300	0	600	2,900	0	2,200	100	1,200	2,000	9,500	0	700	6,700	26,300
2000	0	0	0	0	TR**	TR**	TR**	300	0	400	400	300	200	2,700	200	400	3,900	9,100
2001	0	100	0	0	0	100	100	300	0	500	100	700	0	2,100	0	700	900	5,600

AVERAGES:

61-65	20	0	0	0	40	0	180	460	0	100	60	620	680	1,420	60	80	740	4,460
66-70	120	20	40	180	40	40	740	840	0	260	40	760	940	2,240	500	60	1,380	8,200
71-75	60	100	0	120	0	0	260	1,960	0	1,300	320	760	2,740	2,520	740	140	2,200	13,220
76-80	60	40	60	120	40	0	620	920	0	360	80	620	460	1,740	680	60	2,100	7,960
81-85	60	40	20	20	0	0	120	1,100	0	320	220	640	540	2,600	460	480	1,220	7,840
86-90	20	0	0	0	0	0	40	400	0	480	40	140	340	1,560	80	100	980	4,200
91-95	0	40	0	0	0	0	40	175	0	225	80	780	160	1,280	40	20	380	3,260
96-2000	0	0	0	40	75	75	525	1,380	0	1,200	180	1,540	1,140	5,880	1,400	720	3,360	17,460

** Trace = fewer than 50

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Sheet

Revision

RVR

07/02/03

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF CANADA GOOSE HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	AFTOTAL
1962	100	100	TR**	1,500	100	100	1,500	1,900	0	1,000	2,500	44,000	5,900	23,200	200	300	500	82,900
1963	500	200	200	1,100	800	100	11,200	5,300	100	1,400	11,100	51,900	11,700	30,000	2,000	400	400	128,400
1964	100	900	400	2,500	1,100	100	12,900	7,400	0	2,300	16,600	59,200	10,800	15,200	0	500	1,100	131,100
1965	1,500	700	1,000	4,700	700	200	7,200	6,700	200	4,900	8,000	30,800	5,800	10,000	400	300	300	83,400
1966	900	2,200	1,400	4,500	500	700	16,600	7,700	200	12,700	16,700	61,000	11,400	12,100	300	400	0	148,000
1967	1,100	1,100	500	3,300	1,200	300	25,900	7,700	100	5,400	20,300	81,300	6,500	14,100	500	0	300	169,600
1968	600	200	400	5,000	1,900	1,000	23,100	11,400	200	6,700	25,700	91,500	5,400	8,100	500	400	300	182,400
1969	1,500	800	400	4,900	1,200	500	50,800	16,600	0	12,000	26,300	121,000	7,900	5,800	100	0	200	250,000
1970	800	1,000	200	5,700	1,200	400	44,400	19,600	100	12,900	36,900	129,500	9,500	12,800	700	0	0	275,100
1971	6,000	3,600	1,200	4,800	1,300	700	58,000	20,900	100	10,500	43,300	102,300	7,000	10,300	800	0	0	270,800
1972	1,000	1,100	500	3,400	1,500	800	42,200	15,100	TR**	9,200	18,900	98,500	6,700	6,800	1,300	0	0	207,000
1973	700	2,200	1,300	4,400	1,800	1,000	43,000	19,300	200	13,400	58,300	183,200	10,800	9,400	200	0	100	349,300
1974	2,700	2,200	1,300	4,600	3,300	1,200	33,700	16,300	0	14,300	38,700	197,100	13,100	9,600	600	0	0	338,700
1975	900	2,000	1,500	5,900	3,200	1,400	29,600	21,600	100	11,300	32,900	222,700	10,800	14,000	0	0	0	357,900
1976	1,900	2,200	1,300	8,200	3,700	2,400	36,500	27,900	200	6,600	36,300	218,200	8,300	11,900	1,100	0	0	366,700
1977	900	3,100	1,200	6,600	3,700	1,400	37,500	32,700	400	11,400	49,200	292,300	11,300	10,100	0	0	100	465,900
1978	3,000	3,800	1,900	6,700	6,800	2,100	56,000	32,600	100	9,700	34,300	158,700	6,100	4,900	300	0	0	327,000
1979	2,900	2,800	1,200	5,700	4,600	1,800	65,500	34,500	200	15,300	29,700	121,300	8,000	3,400	0	0	0	296,900
1980	500	2,400	2,300	11,200	6,000	3,000	54,500	30,000	300	24,800	59,000	259,000	14,600	7,300	0	0	0	474,900
1981	1,600	1,100	700	8,000	4,700	3,600	29,300	24,300	700	15,000	28,600	191,400	8,800	10,100	900	0	0	328,800
1982	800	3,000	500	5,700	5,000	2,800	58,600	25,500	400	13,700	41,100	204,400	13,700	8,500	0	0	0	383,700
1983	1,900	1,500	1,200	4,900	7,300	3,000	50,400	25,400	300	19,800	51,600	297,000	22,100	4,600	0	0	0	491,000
1984	1,300	2,400	2,200	5,800	6,800	2,500	47,500	32,700	700	16,100	39,600	233,800	10,800	6,300	400	0	0	408,900
1985	2,200	1,800	3,200	6,500	6,800	2,500	39,300	46,300	400	14,700	34,100	180,800	13,600	8,600	0	0	0	360,800
1986	1,700	5,100	1,800	8,500	12,200	1,200	74,600	50,900	800	25,600	42,900	162,900	17,500	8,200	0	0	0	413,900
1987	2,000	5,100	1,500	11,800	9,000	2,200	62,000	43,500	500	16,900	27,800	162,100	13,600	1,300	0	0	0	359,300
1988	1,600	2,400	1,000	14,600	14,500	2,400	68,800	41,900	1,100	13,900	22,100	72,400	10,400	1,800	0	0	0	288,900
1989	3,500	7,700	1,300	21,600	15,200	4,000	61,200	44,700	2,000	25,000	16,700	90,700	19,200	4,200	300	1,200	0	318,500
1990	2,800	8,800	1,200	25,400	16,300	3,100	68,400	47,400	900	22,400	8,100	78,800	8,600	6,100	1,000	1,500	1,200	302,000
1991	2,200	4,200	1,900	23,200	13,500	3,000	69,100	50,800	900	22,700	6,400	92,200	12,700	2,000	900	500	0	306,200
1992	2,800	2,600	2,500	10,800	12,500	500	55,100	50,900	2,200	14,400	5,900	71,900	10,400	1,500	1,600	1,400	0	247,100
1993	2,300	1,800	1,500	14,900	14,700	2,200	65,900	52,200	3,600	34,800	3,100	64,800	14,000	3,300	4,400	3,400	0	287,000
1994	2,400	1,900	1,800	17,600	14,700	4,500	57,500	61,600	5,900	27,100	3,600	74,700	15,600	7,800	5,100	4,600	0	306,300
1995	0	0	0	10,500	2,800	100	23,300	54,500	3,200	9,300	1,900	8,600	11,100	7,900	4,000	6,500	0	143,700
1996	1,100	0	1,000	13,600	8,500	1,100	24,600	80,300	4,300	12,500	1,300	9,200	31,300	10,100	11,100	8,700	0	218,700
1997	1,900	0	1,700	11,900	7,700	600	51,700	104,700	7,300	22,500	1,400	21,000	29,100	16,500	6,600	10,800	200	295,700
1998	6,700	3,000	3,700	18,500	8,500	3,200	63,100	90,900	7,700	18,600	1,000	34,900	30,500	22,800	6,300	9,400	0	328,900
1999	12,700	3,000	6,000	14,500	15,800	4,100	55,400	94,300	6,000	29,200	1,900	24,400	34,800	20,000	6,600	14,100	500	343,100
2000	9,600	1,800	6,500	14,200	13,400	2,000	67,300	81,500	4,400	24,200	1,000	38,100	60,200	29,200	10,900	6,700	0	371,000
2001	9,300	3,800	4,800	10,900	14,400	2,900	67,500	126,100	7,300	42,500	14,200	77,600	43,100	30,100	14,600	11,100	600	510,700

AVERAGES:

62-65	550	475	533	2,450	675	125	8,200	5,325	75	2,400	9,550	46,475	8,550	19,600	650	375	575	106,450
66-70	980	1,060	580	4,680	1,200	580	32,160	12,340	120	9,940	25,060	96,860	8,140	10,580	420	160	160	205,020
71-75	2,260	2,220	1,160	4,620	2,220	1,020	41,300	18,640	100	11,740	38,420	160,760	9,660	10,020	560	0	20	304,740
76-80	1,840	2,860	1,580	6,680	4,960	2,140	50,000	32,340	240	13,560	41,700	209,900	9,660	7,520	280	0	20	386,280
81-85	1,560	1,960	1,560	6,180	6,120	2,880	45,020	30,840	500	15,860	39,000	221,480	13,800	7,620	260	0	0	394,640
86-90	2,320	5,820	1,360	16,380	13,440	2,580	67,000	45,680	1,060	20,760	23,520	113,380	13,860	4,320	260	540	240	332,520
91-95	1,940	2,100	1,540	15,400	11,640	2,060	54,180	54,000	3,160	21,660	4,180	62,440	12,760	4,500	3,200	3,280	0	258,060
96-2000	6,400	1,560	3,780	14,540	10,780	2,200	52,420	90,340	5,940	21,400	1,320	25,520	37,180	19,720	8,300	9,940	140	311,480

** - Race = Fewer than 50

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Sheet:

CAGO

Revision

RVR

07/05/01

Estimated harvest of Canada geese in the Atlantic Flyway during early, September, regular, and special late seasons in 1998-99. (Derived from Mail Questionnaire Survey)

State	September	Regular	Late	Total
Maine	3,000	3,700	----	6,700
Vermont	2,700	----	----	2,700
New Hampshire	700	3,000	----	3,700
Massachusetts	6,800	6,800	6,000	19,600
Connecticut	3,500	3,200	1,800	8,500
Rhode Island	600	1,500	700	2,800
New York	50,300	6,300	6,300	62,900
Pennsylvania	63,200	16,400	11,400	91,000
West Virginia	2,900	3,400	----	6,300
New Jersey	13,000	----	6,700	19,700
Delaware	900	----	----	900
Maryland	20,700	4,400	10,500	35,600
Virginia	12,200	4,700	14,300	31,200
North Carolina	15,400	8,500	----	23,900
South Carolina	0	6,300	----	6,300
Georgia	----	9,000	----	9,000
Total	195,900	77,200	57,700	330,800

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Sheet: CAGO Sp. Season

Compiled ???

Estimated harvest of Canada geese in the Atlantic Flyway during early, September, regular, and special late seasons in 1999-2000. (Derived from Mail Questionnaire Survey)

State	September	Regular	Late	Total*
Maine	4,800	7,800	----	12,600
Vermont	1,700	800	----	2,500
New Hampshire	1,900	4,200	----	6,100
Massachusetts	6,200	7,600	2,000	15,900
Connecticut	4,600	7,600	3,000	15,200
Rhode Island	1,300	1,900	500	3,600
New York	40,600	14,100	600	55,300
Pennsylvania	59,500	26,400	8,800	94,700
West Virginia	3,200	1,400	0	4,600
New Jersey	17,300	5,300	7,900	30,500
Delaware	1,600	100	----	1,700
Maryland	15,700	4,600	3,800	24,100
Virginia	12,800	10,900	13,900	37,700
North Carolina	13,700	6,200	----	19,900
South Carolina	----	3,400	3,800	7,200
Georgia	----	10,500	2,400	12,900
Florida	----	500	----	500
Total	184,800	113,300	46,800	344,900

* Rows and columns may not sum to "Total" because of rounding.

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Sheet: CAGO Sp. Season

Compiled 07/13/00 RVR

Estimated harvest of Canada geese in the Atlantic Flyway during early September, regular, and special late seasons in 2000-2001. (Derived from Mail Questionnaire Survey)

State	September	Regular	Late	Total*
Maine	4,800	4,800	----	9,600
Vermont	1,000	300	----	1,300
New Hampshire	2,000	4,500	----	6,500
Massachusetts	4,100	7,700	4,600	16,400
Connecticut	3,700	7,100	3,200	14,000
Rhode Island	300	1,100	400	1,800
New York	46,900	19,000	1,200	67,100
Pennsylvania	48,800	21,200	11,700	81,700
West Virginia	1,400	1,700	----	3,100
New Jersey	18,700	4,000	3,500	26,200
Delaware	700	----	----	700
Maryland	17,900	7,700	12,500	38,100
Virginia	13,400	16,800	31,300	61,500
North Carolina	20,400	9,000	----	29,400
South Carolina	----	72,000	4,400	76,400
Georgia	----	6,400	----	6,400
Total	184,100	183,300	72,800	440,200

* Rows and columns may not sum to "Total" because of rounding.

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Sheet: CAGO Sp. Season

Compiled PIP

Estimated harvest of Canada geese in the Atlantic Flyway during early September, regular, and special late seasons in 2001-02 (State totals include unknowns). (Derived from Mail Questionnaire Survey)

State	September	Regular	Late	Total
Maine	3,800	5,500	----	9,300
Vermont	2,700	1,000	----	3,800
New Hampshire	1,600	3,100	----	4,800
Massachusetts	2,300	6,200	3,000	11,600
Connecticut	4,500	11,400	200	16,300
Rhode Island	1,000	1,700	300	3,000
New York	52,400	42,200	2,300	97,500
Pennsylvania	63,700	43,100	18,900	125,800
West Virginia	2,700	4,500	----	7,200
New Jersey	18,700	19,200	5,200	43,200
Delaware	5,900	8,900	----	14,800
Maryland	13,700	45,200	18,400	77,700
Virginia	11,800	12,100	19,700	43,800
North Carolina	19,700	10,500	----	30,200
South Carolina	5,300	9,300	----	14,600
Georgia	----	11,100	----	11,100
Florida	----	600	----	600
Total	209,800	235,600	68,000	515,300

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Sheet: CAGO Sp. Season

Compiled PIP

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REGULAR-SEASON SNOW/ROSS GOOSE HARVESTS IN THE ATLANTIC FLYWAY

YEAR	ME	VT	NH	MA	CT	RI	NY	PA	WV	NJ	DE	MD	VA	NC	SC	GA	FL	TOTAL
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	100
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	100
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	300	0	0	0	300
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	300	0	0	0	0	0	400	0	2,300	500	1,700	1,800	2,200	0	0	0	9,200
1976	0	0	0	0	0	0	0	0	0	2,200	900	700	1,200	7,100	0	0	0	12,100
1977	0	0	0	100	100	0	300	200	0	9,400	500	2,500	1,600	7,500	0	0	0	22,200
1978	0	100	0	0	0	0	500	0	0	11,800	900	0	900	5,900	0	0	0	20,100
1979	0	200	0	100	0	0	700	600	0	13,800	1,100	5,200	500	5,800	0	0	0	28,000
1980	100	100	100	200	0	0	400	0	0	10,800	1,700	2,900	500	9,800	700	0	0	27,300
1981	0	100	0	0	0	0	0	0	0	2,600	2,200	1,800	1,700	5,100	0	0	0	13,500
1982	0	0	0	0	0	0	0	0	0	10,100	6,400	3,000	100	2,100	0	0	0	21,700
1983	0	0	0	0	0	100	200	0	0	14,600	9,800	10,600	100	4,900	0	0	0	40,400
1984	0	500	0	0	100	0	100	100	0	14,500	9,400	7,800	1,000	4,100	0	0	0	37,600
1985	0	0	500	0	0	0	100	0	0	4,600	5,700	200	300	3,400	0	0	0	14,800
1986	0	0	0	0	0	0	100	0	0	4,100	1,400	2,900	200	200	0	0	0	8,900
1987	300	500	0	0	100	100	1,300	0	0	10,100	12,700	1,000	700	1,700	0	0	0	28,500
1988	0	900	0	0	0	0	500	200	100	7,100	11,500	3,900	200	300	0	0	0	24,900
1989	0	1,300	0	100	0	0	500	0	0	6,600	6,300	1,600	400	300	0	0	0	17,100
1990	0	2,400	0	300	200	0	200	200	0	6,400	8,700	1,700	100	1,200	0	100	0	21,500
1991	0	1,400	0	0	0	0	500	100	0	4,500	13,000	4,500	900	1,400	0	100	0	26,400
1992	0	1,700	0	0	0	0	100	0	0	3,900	3,300	1,500	0	0	0	0	0	10,600
1993	TR**	2,200	0	TR**	TR**	0	800	700	0	5,500	14,200	4,600	500	2,000	0	0	0	30,700
1994	0	TR**	0	0	TR**	0	200	100	0	2,200	7,400	7,500	200	500	0	0	0	18,300
1995	0	1,900	TR**	0	TR**	0	400	500	0	2,900	2,100	4,600	2,900	4,200	0	0	0	19,500
1996	0	3,900	0	TR**	0	0	400	10,900	0	3,100	6,100	3,800	3,700	300	100	0	0	32,600
1997	TR**	1,500	100	TR**	100	0	700	1,500	0	4,700	16,200	9,400	700	1,600	100	0	0	36,500
1998	500	3,800	0	100	100	TR**	2,200	13,600	0	14,000	51,500	19,700	800	7,500	400	0	0	114,300
1999	0	1,300	0	0	TR**	0	1,100	2,900	0	8,600	13,000	7,900	1,800	3,400	0	100	0	40,100
2000	500	2,100	0	0	TR**	TR**	800	7,600	0	7,700	13,300	13,100	1,200	400	0	200	0	47,000
2001	TR**	1,900	100	TR**	0	0	2,300	3,400	0	11,400	26,600	17,400	1,100	200	0	0	0	64,300
AVERAGES:																		
61-65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66-70	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	20
71-75	0	60	0	0	0	0	0	80	0	460	100	340	360	500	0	0	0	1,900
76-80	20	80	20	80	20	0	380	160	0	9,600	1,020	2,260	940	7,220	140	0	0	21,940
81-85	0	120	100	0	40	20	80	20	0	9,280	6,700	4,680	640	3,920	0	0	0	25,600
86-90	60	1,020	0	80	60	20	520	80	20	6,860	8,120	2,220	320	780	0	20	0	20,180
91-95	0	1,800	0	0	0	0	400	280	0	3,800	8,000	4,540	900	1,620	0	20	0	21,100
96-2000	250	2,520	20	33	67	0	1,040	7,300	0	7,620	20,020	10,780	1,640	2,640	120	60	20	54,100

MAIL-QUESTIONNAIRE-SURVEY-DERIVED MAIL-QUESTIONNAIRE-SURVEY-DERIVED 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
1961	TR**			300	TR	0	4,900	300	0	12,700	100	100	300	200	0	0	0	18,900
1962	0	0	0	0	0	0	5,400	0	0	21,100	0	400	100	0	0	0	0	27,000
1963	0	0	0	200	0	0	6,600	0	0	24,900	400	0	2,000	0	0	0	0	34,100
1964	0	0	0	0	0	0	5,600	0	0	24,500	0	0	0	0	0	0	0	30,100
1965	0	100	0	0	0	0	3,000	0	0	10,500	0	100	TR**	0	0	0	0	13,700
1966	0	0	0	300	0	0	8,500	0	0	23,100	TR**	200	0	300	0	0	0	32,400
1967	0	TR**	0	TR**	300	0	3,100	0	0	18,800	100	200	100	100	0	0	0	22,700
1968	0	TR**	0	100	0	0	5,400	0	0	16,100	900	500	1,400	0	0	0	0	24,400
1969	0	300	100	100	100	0	2,900	0	0	13,700	0	400	800	0	0	0	0	18,400
1970	0	0	0	400	0	0	5,400	0	0	18,600	500	600	300	0	0	0	0	25,800
1971	0	0	0	100	TR**	0	20,000	300	0	42,400	400	500	3,100	0	0	0	0	66,800
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0	0	200	0	0	0	0	200
1974	0	0	0	0	0	0	200	0	0	0	0	0	0	0	0	0	0	200
1975	0	0	0	1,400	0	0	6,400	200	0	18,700	1,000	600	2,100	0	0	0	0	30,400
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	400	100	0	0	0	500
1978	0	0	0	100	0	0	500	0	0	0	0	0	0	0	0	0	0	600
1979	0	0	0	0	0	0	200	0	0	0	0	200	0	0	0	0	0	400
1980	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	100
1981	0	0	0	2,100	0	TR**	19,600	0	0	8,200	600	1,000	2,100	0	0	0	0	33,600
1982	0	0	0	600	0	200	10,900	0	0	9,100	300	1,600	600	400	0	0	0	23,700
1983	0	100	0	1,800	400	0	21,500	0	0	7,400	200	0	1,200	1,900	0	0	0	34,500
1984	0	300	0	2,500	1,600	100	20,300	0	0	22,100	0	700	600	200	0	0	0	48,400
1985	0	100	0	2,300	300	0	11,100	0	0	14,300	700	2,000	300	300	0	0	0	31,400
1986	0	200	0	200	200	TR**	3,200	0	0	5,600	0	0	0	0	0	0	0	9,400
1987	0	0	0	1,000	0	0	2,200	0	0	3,100	0	1,700	200	0	0	0	0	8,200
1988	0	300	0	700	0	100	4,400	0	0	9,800	1,000	4,400	1,700	0	0	0	0	22,400
1989	0	300	0	700	0	TR**	6,700	0	0	7,500	1,100	2,200	4,500	3,000	0	200	0	26,200
1990	0	0	0	800	0	0	5,000	0	0	5,300	100	1,400	2,100	0	0	0	0	14,700
1991	0	0	0	700	0	0	4,000	0	0	7,200	0	0	500	0	0	0	0	12,400
1992	0	0	0	500	200	100	3,000	100	0	6,900	100	1,000	2,100	100	0	0	0	14,100
1993	0	300	0	500	100	100	2,400	100	0	5,300	0	0	1,600	0	0	0	0	10,500
1994	0	0	0	100	0	1,000	1,200	0	0	6,600	500	1,600	2,600	100	0	0	0	13,800
1995	0	0	0	300	100	0	4,400	0	0	8,200	200	0	1,800	400	0	0	0	15,300
1996	0	400	0	100	0	0	1,000	0	0	2,600	0	0	1,000	100	0	0	0	5,200
1997	0	0	0	500	0	TR**	4,000	0	0	7,300	700	0	4,100	1,200	0	0	0	17,900
1998	0	0	0	200	0	TR**	1,600	0	0	5,300	0	300	1,100	400	0	0	0	9,000
1999	0	0	0	200	0	100	1,800	0	0	6,100	400	800	200	200	0	0	0	9,700
2000	0	0	200	300	300	TR**	6,500	0	0	5,000	500	1,000	4,000	900	0	0	0	18,800
2001	100	200	0	1,300	800	400	4,600	100	0	21,700	0	400	1,600	0	0	0	0	31,200
AVERAGES:																		
61-65	0	25	0	100	0	0	5,100	60	0	18,740	100	120	600	40	0	0	0	24,760
66-70	0	100	20	225	80	0	5,060	0	0	18,060	375	380	520	80	0	0	0	24,740
71-75	0	0	0	300	0	0	5,320	100	0	12,220	280	220	1,080	0	0	0	0	19,520
76-80	0	0	0	20	0	0	140	0	0	0	20	40	80	20	0	0	0	320
81-85	0	100	0	1,860	460	75	16,680	0	0	12,220	360	1,060	960	560	0	0	0	34,320
86-90	0	160	0	680	40	33	4,300	0	0	6,260	440	1,940	1,700	600	0	40	0	16,180
91-95	0	75	0	450	75	300	2,650	50	0	6,500	150	650	1,700	50	0	0	0	13,220
96-2000	0	80	40	260	60	50	2,980	0	0	5,260	320	420	2,080	560	0	0	0	12,120

ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1961	378,000	310,600	124,900	139,400	204,600	25,200	50,700	124,600	23,400	68,700	47,700	211,000	22,700	15,000	1,746,500
1962	287,600	210,600	102,000	45,100	82,100	13,800	40,700	26,100	6,700	53,200	14,900	194,600	29,200	22,600	1,129,200
1963	572,500	294,100	134,500	139,200	193,500	16,700	65,700	60,400	13,300	138,400	69,300	665,400	86,500	65,400	2,505,500
1964	887,600	417,100	205,100	182,100	193,200	36,800	62,700	105,700	27,400	306,400	96,300	893,600	69,200	53,700	3,536,900
1965	641,600	472,800	217,600	174,600	189,000	29,300	90,700	110,700	21,500	213,500	57,400	958,200	70,100	64,600	3,311,600
1966	940,800	582,100	306,700	270,200	345,900	42,500	103,000	149,400	27,800	373,600	113,600	1,279,700	106,200	79,700	4,721,200
1967	978,200	545,200	363,100	229,400	353,200	45,900	125,700	228,400	35,500	371,100	98,900	959,400	112,300	60,200	4,506,500
1968	564,700	302,300	198,400	96,300	145,800	40,300	80,900	106,000	15,800	153,400	55,900	520,600	76,200	36,000	2,383,600
1969	1,080,600	557,300	348,600	183,700	243,300	63,800	111,100	200,400	15,300	232,000	55,400	969,900	155,500	63,900	4,278,100
1970	950,800	575,100	378,300	368,700	412,500	80,600	140,200	281,600	57,200	651,400	157,100	1,823,200	222,300	76,700	6,175,500
1971	1,059,300	654,200	313,800	376,200	280,400	111,200	106,400	246,300	40,200	613,400	173,300	1,024,700	155,600	52,000	5,207,000
1972	961,400	558,500	400,900	344,500	356,600	73,600	125,700	197,800	56,900	366,600	138,800	1,044,000	150,400	60,600	4,836,300
1973	594,400	518,400	356,900	211,900	311,600	68,200	112,800	161,200	36,100	492,700	194,000	1,138,200	152,300	72,600	4,421,300
1974	769,400	663,100	425,100	238,000	293,600	85,300	106,600	237,000	46,500	682,200	138,300	1,073,100	239,700	60,600	5,058,500
1975	1,014,400	727,800	373,000	313,600	392,300	100,600	119,700	311,600	75,600	781,000	143,500	1,616,300	313,800	104,500	6,387,700
1976	569,100	656,400	466,000	242,200	309,700	69,600	144,600	203,300	59,400	710,200	97,700	1,789,600	392,900	132,700	5,843,400
1977	664,900	488,500	255,700	280,000	330,500	68,100	101,800	257,900	74,200	839,400	133,100	1,836,400	327,000	136,800	5,794,300
1978	1,012,300	541,800	290,000	351,400	417,300	68,000	95,800	239,800	63,600	689,900	150,000	1,855,600	224,600	115,000	6,115,100
1979	1,104,100	569,000	314,800	441,000	404,400	83,700	110,500	254,000	72,100	631,400	179,100	1,666,500	261,200	105,400	6,197,200
1980	811,500	558,200	292,100	299,900	323,300	82,900	108,000	202,500	43,600	775,000	139,300	1,656,900	299,100	119,800	5,712,100
1981	806,500	438,900	238,800	301,100	374,100	54,500	118,500	232,000	48,000	591,500	114,800	1,508,700	356,400	102,400	5,286,200
1982	817,000	394,300	277,200	348,800	301,900	54,500	97,400	209,900	31,900	438,500	101,200	1,364,700	204,700	73,200	4,715,100
1983	888,600	459,300	288,900	324,200	342,700	80,600	116,100	243,500	36,100	422,400	130,900	1,873,800	274,700	99,000	5,580,800
1984	1,030,500	485,000	354,400	299,500	301,400	69,800	103,800	245,200	33,600	489,900	97,500	1,717,600	227,500	70,100	5,526,100
1985	660,900	353,600	250,300	199,800	255,700	64,900	90,000	190,800	28,600	511,900	71,500	1,076,700	149,100	62,000	3,965,800
1986	774,600	360,100	224,800	217,000	259,900	45,900	85,900	175,900	22,500	428,700	78,300	1,089,900	152,800	66,000	3,992,300
1987	570,900	334,400	216,600	161,100	208,200	50,600	69,400	158,100	32,400	430,100	98,100	1,062,700	137,000	75,500	3,605,100
1988	255,000	176,900	140,600	80,000	138,000	39,700	56,900	77,200	22,900	241,700	81,100	485,700	79,600	59,300	1,934,600
1989	316,300	230,900	198,100	87,800	176,300	45,100	74,900	119,200	32,300	275,400	92,900	737,100	112,400	98,500	2,597,200
1990	366,200	259,300	187,700	105,800	186,200	43,700	76,400	107,500	45,900	333,700	130,900	645,600	78,800	41,900	2,609,600
1991	484,800	298,700	207,800	154,200	229,700	54,500	70,700	116,600	36,400	372,400	98,300	567,700	91,100	51,500	2,835,400
1992	522,000	282,000	204,700	122,800	215,400	43,400	84,900	103,800	28,000	348,500	91,100	667,600	112,200	57,300	2,883,700
1993	485,500	277,000	234,800	100,900	182,400	56,600	88,300	101,600	33,500	460,100	122,800	633,500	128,600	52,500	2,988,100
1994	603,800	329,700	271,500	149,500	220,600	60,400	81,500	137,900	46,000	726,400	111,700	822,000	176,000	61,100	3,798,100
1995	787,700	370,800	370,500	246,100	281,400	98,900	109,900	237,700	102,400	1,012,100	262,100	2,206,400	375,400	115,400	6,576,800
1996	808,900	365,500	326,600	248,200	305,900	93,300	124,400	243,600	138,800	1,188,500	256,600	2,133,500	398,700	142,400	6,774,900
1997	874,600	332,000	438,200	278,500	360,900	98,600	132,900	389,000	111,900	1,416,900	405,600	2,398,400	404,400	173,800	7,815,900
1998	735,300	264,300	378,800	289,700	442,300	111,100	138,700	494,600	155,900	1,377,700	420,300	2,577,900	427,400	188,000	8,002,000
1999	729,900	292,300	352,000	189,600	401,700	143,200	133,200	389,300	170,200	1,838,000	362,100	2,845,100	334,200	177,700	8,358,500
2000	534,100	266,400	300,100	209,600	450,900	100,700	107,000	450,800	88,400	1,481,400	365,800	2,135,500	627,100	217,900	7,335,700
2001	648,000	252,700	281,400	246,800	432,500	141,400	114,600	453,400	104,000	1,104,300	264,800	1,838,200	244,400	138,300	6,264,800

AVERAGES:

61-65	553,460	341,040	156,820	136,080	170,480	24,360	62,100	85,500	18,460	156,040	57,240	584,560	55,540	44,260	2,445,940
66-70	901,020	512,400	318,680	229,660	300,140	54,620	112,180	193,160	30,320	356,300	96,180	1,110,520	134,500	63,300	4,412,980
71-75	879,780	624,400	373,940	296,840	326,900	87,780	114,240	230,780	51,060	587,180	157,580	1,179,260	202,360	70,060	5,182,160
76-80	832,380	562,780	323,720	322,900	357,040	74,460	112,140	231,500	62,580	729,180	139,840	1,761,000	300,960	121,940	5,932,420
81-85	840,700	426,220	281,920	294,680	315,160	64,860	105,160	224,280	35,700	490,820	103,180	1,508,300	242,480	81,340	5,014,800
86-90	456,600	272,320	193,560	130,340	193,720	45,000	72,700	127,580	31,200	341,920	96,260	804,200	112,120	68,240	2,945,760
91-95	576,760	311,840	257,860	154,700	225,900	62,760	87,060	139,520	49,260	583,900	137,200	979,440	176,660	67,560	3,810,420
96-00	736,560	304,100	359,140	243,120	392,340	109,380	127,240	393,460	133,040	1,460,500	362,120	2,418,080	438,360	179,960	7,657,400

Sheet: ALL DUCKS

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ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MTOTAL
1961	175,000	151,700	46,500	88,500	128,800	13,200	17,700	81,700	17,500	62,600	32,700	35,500	11,600	3,800	866,800
1962	113,600	77,500	32,600	21,300	40,200	5,100	9,000	13,800	3,600	41,200	7,300	54,100	13,400	4,800	437,500
1963	228,300	97,800	40,500	43,000	101,500	8,100	18,800	29,400	8,300	93,900	30,300	177,100	36,400	13,000	926,400
1964	271,000	150,800	48,500	76,000	113,900	15,600	17,300	59,400	18,800	234,100	61,500	209,400	32,800	11,100	1,320,800
1965	162,300	106,000	43,400	79,800	89,600	11,300	20,700	49,600	14,200	137,700	27,700	146,400	18,600	11,800	919,100
1966	284,600	186,600	72,900	121,300	179,700	19,000	30,500	82,000	17,600	257,400	61,700	272,900	45,400	18,400	1,650,000
1967	329,600	175,900	99,700	124,900	208,600	20,800	40,500	124,500	22,400	270,800	50,100	205,100	44,800	14,700	1,732,400
1968	152,100	94,200	64,500	40,400	83,000	13,600	18,500	55,000	8,300	121,400	31,300	101,900	38,800	7,900	830,900
1969	223,800	157,100	99,500	89,900	140,200	21,700	33,800	124,700	9,600	183,200	31,900	230,900	67,000	18,300	1,431,600
1970	298,900	190,200	111,400	139,200	239,800	33,200	42,200	149,300	39,100	541,100	91,600	498,100	139,400	20,000	2,529,500
1971	278,800	225,200	84,500	160,900	166,700	58,700	34,200	161,900	27,800	514,400	105,400	240,000	90,300	14,900	2,163,700
1972	354,900	190,400	122,400	171,800	219,300	32,100	38,200	130,100	39,500	283,100	82,100	191,600	79,700	14,900	1,950,100
1973	165,000	187,000	154,900	99,900	168,600	35,600	46,500	108,100	21,200	349,900	127,100	125,900	82,100	16,100	1,687,900
1974	254,800	300,300	171,000	106,100	172,200	37,400	37,300	164,800	30,000	530,600	85,000	194,100	146,800	14,600	2,245,000
1975	285,300	244,200	154,000	117,400	199,900	40,300	47,000	170,400	38,400	588,700	93,300	294,300	224,400	20,500	2,518,100
1976	157,800	222,500	192,300	87,500	166,000	34,500	56,600	127,900	37,200	529,300	57,900	469,500	230,100	40,300	2,409,400
1977	193,100	177,000	107,000	138,700	175,700	37,900	43,800	143,500	46,100	582,800	80,100	321,700	186,500	36,300	2,270,200
1978	304,100	185,000	139,000	125,600	207,600	28,200	36,900	120,700	34,500	480,000	89,300	360,000	116,200	29,900	2,257,000
1979	346,100	199,600	138,600	183,600	192,000	34,800	42,100	146,800	44,300	435,900	113,200	301,800	135,600	32,400	2,346,100
1980	258,000	197,200	126,300	118,100	168,400	36,800	44,900	123,500	20,000	588,200	68,400	392,500	170,100	35,100	2,347,500
1981	253,000	168,400	112,300	130,200	174,600	28,900	44,200	119,500	26,600	386,600	66,700	332,800	186,500	31,700	2,062,000
1982	249,500	135,200	145,200	164,900	139,900	32,900	41,300	112,900	20,300	285,700	60,500	252,700	118,900	21,700	1,781,600
1983	309,700	136,500	131,000	152,700	176,900	38,100	44,500	144,500	23,800	294,600	86,300	352,000	175,100	32,700	2,017,900
1984	303,400	144,300	153,500	96,300	151,300	28,500	42,900	113,900	19,000	322,000	45,900	256,500	102,700	15,900	1,796,100
1985	184,900	113,500	102,200	62,000	136,000	26,900	33,800	91,600	17,600	397,800	45,300	227,900	79,100	14,300	1,532,900
1986	230,300	141,500	93,300	88,900	140,600	23,400	31,800	97,400	16,800	331,300	54,000	208,700	74,900	17,200	1,550,100
1987	181,000	124,200	112,100	64,800	111,600	22,400	31,500	90,500	20,300	309,800	59,000	236,900	70,000	24,700	1,458,800
1988	81,000	77,900	78,700	42,500	97,100	20,200	26,200	49,600	15,600	181,100	48,300	98,800	40,200	17,300	874,500
1989	122,100	98,600	96,000	32,200	114,900	23,700	34,200	68,700	19,400	173,900	55,800	168,100	55,900	31,000	1,094,500
1990	109,500	110,400	98,200	41,300	106,400	22,700	36,100	62,600	29,300	224,100	73,900	127,200	37,900	11,400	1,091,000
1991	173,200	117,400	101,000	63,100	107,000	27,700	31,600	56,800	22,100	270,000	61,800	99,800	44,900	13,200	1,189,600
1992	184,300	131,400	103,700	64,900	129,300	23,200	42,600	55,600	17,000	241,300	52,200	126,100	62,800	15,000	1,249,400
1993	150,200	128,700	113,200	52,700	108,500	34,700	44,100	72,700	21,900	329,300	74,000	122,700	68,500	15,500	1,336,700
1994	160,600	131,600	109,400	48,300	111,900	42,800	38,700	73,700	32,300	472,400	60,000	123,100	101,800	17,400	1,524,000
1995	210,900	131,300	159,400	87,400	162,000	52,100	46,400	124,700	44,800	586,700	144,900	339,000	228,000	25,400	2,343,000
1996	255,200	158,000	142,100	91,800	168,200	52,900	66,100	114,400	60,000	753,100	151,900	241,600	190,400	38,000	2,483,700
1997	245,800	121,100	209,000	73,000	169,900	53,400	67,600	168,500	42,700	864,300	217,300	320,500	238,900	56,400	2,848,400
1998	251,100	85,200	165,100	101,100	204,500	60,700	57,900	165,200	90,300	723,200	237,200	318,000	236,200	65,200	2,760,900
1999	222,800	105,200	141,000	59,600	201,000	79,500	53,400	188,000	93,700	1,166,300	178,300	417,400	136,700	40,100	3,083,000
2000	175,300	102,100	143,500	74,200	222,400	59,400	54,400	236,400	59,000	862,800	207,700	494,600	270,300	79,000	3,041,100
2001	252,400	94,800	136,300	98,600	259,100	84,400	60,000	287,700	73,300	631,400	148,400	221,700	115,100	37,000	2,500,200
AVERAGES:															
61-65	190,040	116,760	42,300	61,840	94,800	10,660	16,700	46,780	12,480	113,900	31,900	124,500	22,560	8,900	894,120
66-70	257,800	160,800	89,600	103,140	170,260	21,660	33,100	107,100	18,600	274,780	53,320	261,780	67,080	15,860	1,634,880
71-75	267,760	229,420	137,360	131,220	185,340	40,820	40,640	147,060	31,380	453,340	98,580	209,180	124,660	16,200	2,112,960
76-80	251,820	196,260	140,640	130,640	181,940	34,440	44,860	132,480	36,420	523,160	81,780	369,100	167,700	34,800	2,326,040
81-85	250,100	139,580	128,840	113,720	155,740	31,060	41,340	117,880	21,460	337,340	60,940	284,380	132,460	23,260	1,838,100
86-90	144,780	110,520	95,660	53,940	114,120	22,480	31,960	73,760	20,280	244,040	58,200	167,940	55,780	20,320	1,213,780
91-95	175,840	128,080	117,340	63,280	123,740	36,100	40,680	76,700	27,620	379,940	78,580	162,140	101,200	17,300	1,528,540
96-00	230,040	114,320	160,140	79,940	193,200	61,180	59,880	174,500	69,140	873,940	198,480	358,420	214,500	55,740	2,843,420

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ESTIMATES OF REGULAR-SEASON BLACK DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1961	1,700	14,600	21,600	1,000	5,800	3,100	3,600	600	3,400	800	4,700	500	700	800	62,900
1962	2,800	11,400	15,700	300	3,500	1,500	3,700	100	1,600	200	3,600	1,100	800	1,700	48,000
1963	3,900	9,900	16,400	700	6,000	2,500	9,500	300	2,000	1,000	10,800	3,600	1,300	2,600	70,500
1964	4,800	24,300	23,800	1,500	7,800	4,100	8,700	600	4,600	1,200	8,900	3,800	1,000	1,900	97,000
1965	6,300	25,300	23,500	900	8,300	2,900	13,500	1,000	4,000	700	5,100	3,000	500	2,800	97,800
1966	6,500	20,200	24,400	1,700	9,400	5,300	14,500	1,300	3,700	2,900	11,000	8,100	2,600	3,100	114,700
1967	3,300	12,500	26,700	2,000	15,700	5,600	12,600	800	6,100	3,400	14,000	6,000	1,600	2,800	113,100
1968	3,500	9,400	11,700	600	5,400	5,600	8,900	1,200	4,000	1,300	9,100	1,400	3,800	2,400	68,300
1969	2,500	12,500	21,400	1,200	9,100	5,500	13,100	500	2,900	1,800	8,400	4,100	3,300	1,600	87,900
1970	4,900	11,500	21,600	1,300	8,000	6,000	16,600	1,400	12,100	3,100	19,200	9,300	1,700	3,400	119,600
1971	5,500	12,700	13,400	900	4,100	9,400	16,200	1,200	6,900	2,700	14,700	4,400	2,600	1,400	96,100
1972	7,400	20,200	25,100	800	7,700	5,700	20,700	0	8,500	300	12,700	3,300	2,700	2,800	117,900
1973	2,800	13,200	15,400	1,400	6,800	5,500	13,900	1,000	7,900	6,100	26,400	5,700	2,200	2,500	110,800
1974	2,300	17,800	23,800	700	6,400	8,200	7,900	1,200	6,000	3,500	10,000	2,200	1,700	1,600	93,300
1975	1,100	12,800	12,400	400	6,300	5,500	9,300	1,200	6,700	4,200	10,700	800	4,800	4,800	81,000
1976	400	8,400	16,300	1,100	8,800	6,300	12,400	800	6,200	5,500	13,800	2,300	6,900	8,600	97,800
1977	2,500	7,600	13,900	400	4,400	2,500	6,400	500	8,000	5,800	12,400	2,100	7,000	5,400	78,900
1978	1,000	7,700	16,600	300	5,700	4,000	5,800	300	7,000	4,100	9,100	5,000	4,500	3,500	74,600
1979	1,000	7,400	15,400	800	5,000	2,600	6,900	200	8,900	2,600	10,700	1,900	1,600	3,300	68,300
1980	2,800	15,900	14,800	600	6,800	3,700	7,400	400	6,100	2,700	13,000	2,000	3,000	7,900	87,100
1981	1,900	6,600	9,900	300	7,900	2,800	5,100	0	4,500	2,300	12,000	0	2,000	3,700	59,000
1982	4,100	6,000	9,000	400	4,600	2,500	4,300	500	2,800	1,000	10,900	0	800	1,500	48,400
1983	1,900	5,800	8,700	300	3,000	2,400	8,300	600	3,800	2,800	12,600	2,100	2,800	3,000	58,800
1984	1,800	5,800	12,100	500	3,700	2,100	5,200	0	3,800	1,600	10,000	500	3,700	3,000	53,900
1985	2,000	6,300	11,300	800	1,100	2,300	5,500	0	3,900	2,100	3,600	700	1,400	700	41,700
1986	500	6,000	7,100	500	3,100	1,400	6,700	200	1,900	900	5,400	1,400	700	1,600	37,400
1987	600	6,000	8,900	100	2,400	1,400	3,800	100	2,700	800	6,100	600	1,200	2,000	36,700
1988	700	2,400	8,600	200	1,900	1,900	3,400	0	1,900	300	5,800	200	500	1,600	29,000
1989	300	2,800	10,900	300	3,000	2,100	4,800	300	4,100	900	9,100	2,100	700	3,200	44,600
1990	500	2,300	9,800	100	2,900	2,100	4,000	100	4,000	1,100	3,000	1,200	200	1,000	32,300
1991	700	3,700	12,800	0	3,100	2,800	4,900	500	3,200	1,000	5,300	700	500	1,700	40,900
1992	700	4,500	14,100	400	2,600	2,700	4,400	0	2,100	1,100	3,400	200	700	1,100	38,000
1993	1,100	4,400	12,600	300	2,600	2,800	4,800	200	3,600	600	5,700	0	800	1,700	41,200
1994	800	3,700	6,700	200	1,800	2,300	4,100	TR**	2,200	1,900	2,900	0	400	1,600	28,600
1995	500	3,600	13,600	0	3,400	2,200	6,800	1,000	3,400	400	5,400	700	400	700	42,100
1996	1,100	3,000	8,700	200	2,000	3,900	4,900	300	3,100	800	6,100	0	0	700	34,800
1997	400	2,900	11,600	0	2,300	1,900	6,800	100	3,000	3,900	6,600	600	700	800	41,200
1998	600	4,500	15,500	300	3,200	3,700	5,600	600	7,100	2,400	7,500	800	1,500	2,400	55,700
1999	200	2,800	11,800	0	1,800	2,600	4,700	100	5,900	3,800	6,300	2,700	600	600	43,900
2000	600	2,400	11,600	0	2,400	2,800	3,900	300	4,400	1,100	10,200	1,500	0	10,800	52,000
2001	200	1,900	7,500	300	400	3,700	3,700	0	2,200	1,800	3,400	0	0	600	25,700
AVERAGES:															
61-65	3,900	17,100	20,200	880	6,280	2,820	7,800	520	3,120	780	6,620	2,400	860	1,960	75,240
66-70	4,140	13,120	21,160	1,360	9,520	5,600	13,140	1,040	5,760	2,500	12,340	5,780	2,600	2,660	100,720
71-75	3,820	15,340	18,020	840	6,260	6,860	13,600	920	7,200	3,360	14,900	3,280	2,800	2,620	99,820
76-80	1,540	9,400	15,400	640	6,140	3,820	7,780	440	7,240	4,140	11,800	2,660	4,600	5,740	81,340
81-85	2,340	6,100	10,200	520	4,260	2,420	5,680	220	3,660	1,960	9,820	660	2,140	2,380	52,360
86-90	520	3,900	9,060	240	2,660	1,700	4,540	140	2,920	800	5,880	1,100	660	1,880	36,000
91-95	760	3,980	11,960	180	2,700	2,560	5,000	425	2,900	1,000	4,540	320	560	1,360	38,160
96-00	580	3,120	11,840	100	2,340	2,900	5,180	280	4,700	2,400	7,340	1,120	560	3,060	45,520

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ESTIMATES OF REGULAR-SEASON PINTAIL HARVESTS IN THE MISSISSIPPI FL YWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1961	12,900	8,600	2,700	4,000	9,300	300	1,600	5,100	0	400	400	22,600	800	1,300	70,000
1962	6,100	9,000	2,200	1,600	4,600	300	1,700	2,800	0	600	200	19,800	500	1,900	51,300
1963	19,400	9,000	2,900	7,400	8,600	100	2,300	4,200	TR	1,200	1,700	48,400	1,300	2,400	108,900
1964	24,000	15,600	4,400	7,200	7,200	1,300	1,800	3,800	300	5,000	1,400	97,600	1,400	2,500	173,600
1965	8,600	8,500	4,200	6,900	4,800	700	1,900	4,100	0	3,600	800	66,800	200	2,800	113,900
1966	20,200	12,700	3,400	6,100	8,800	400	1,300	6,200	100	6,500	1,100	148,800	800	4,000	220,400
1967	21,700	11,400	10,500	7,800	10,800	800	5,800	9,000	200	9,000	1,500	121,700	2,400	2,300	214,900
1968	16,300	9,600	5,300	2,200	2,600	1,200	1,600	2,800	300	500	1,500	54,500	400	1,900	100,700
1969	17,600	12,300	7,400	6,100	9,700	2,300	1,600	3,300	0	1,700	800	128,500	1,100	2,500	194,900
1970	29,200	9,700	6,400	13,200	7,800	1,600	2,200	9,000	500	7,300	3,600	180,300	800	1,400	273,000
1971	18,100	11,100	2,900	6,500	5,200	1,300	2,300	7,100	100	7,300	1,700	69,400	1,500	1,200	135,700
1972	11,200	8,800	4,800	7,700	6,900	1,400	1,400	5,500	100	3,400	1,300	82,500	900	900	136,800
1973	13,900	8,700	4,400	6,500	9,100	800	1,500	9,500	400	1,800	7,100	69,000	2,800	3,800	139,300
1974	11,300	4,800	4,800	2,900	3,600	600	2,000	2,300	800	8,200	2,000	73,500	3,800	2,300	122,900
1975	13,800	9,700	3,600	4,200	7,200	1,000	1,600	5,300	200	8,800	1,200	147,000	1,700	1,200	206,500
1976	4,500	12,200	5,300	3,100	3,500	700	2,400	8,300	200	1,900	300	113,800	1,800	3,200	157,100
1977	7,900	10,200	6,700	7,700	6,400	900	1,400	3,900	1,700	11,400	2,300	149,100	1,500	2,600	213,700
1978	18,700	6,600	4,600	9,200	11,700	1,000	1,100	9,700	600	5,000	3,300	133,900	600	4,600	210,600
1979	18,900	7,100	5,400	9,000	11,900	1,300	2,200	8,100	0	7,400	4,200	134,800	1,700	1,600	213,600
1980	18,700	7,800	6,100	6,900	5,900	800	1,500	3,200	0	8,900	1,300	152,900	700	900	215,600
1981	19,500	9,200	5,700	8,600	13,700	1,200	2,200	8,300	200	6,100	800	130,300	1,200	1,100	208,000
1982	13,600	5,200	3,800	8,100	6,700	400	700	7,200	600	5,500	100	68,800	5,200	600	126,500
1983	19,200	7,600	5,300	7,200	6,300	1,500	1,900	4,800	100	3,500	1,200	128,000	1,200	500	187,200
1984	23,900	8,100	6,700	8,100	5,800	1,300	1,300	5,700	400	9,600	2,300	79,000	700	600	153,500
1985	8,600	8,800	6,600	5,100	4,000	900	1,300	4,000	300	3,800	400	80,100	300	800	125,000
1986	4,400	2,800	3,400	3,000	4,300	400	500	3,900	100	7,200	700	58,000	700	800	90,200
1987	4,200	5,200	2,800	4,100	4,400	1,000	800	3,400	300	4,500	900	54,600	200	1,900	88,300
1988	7,000	1,400	1,800	1,600	1,300	200	600	1,900	TR	700	0	20,600	800	1,300	39,200
1989	7,300	5,900	3,500	2,300	3,500	600	1,100	3,200	100	2,100	400	33,100	800	1,200	65,100
1990	6,100	2,600	2,700	1,900	3,700	600	600	3,100	400	3,300	1,700	21,900	600	200	49,400
1991	5,200	2,100	2,700	2,200	2,800	600	200	2,900	300	4,000	0	15,800	1,500	100	40,400
1992	8,100	4,100	3,000	2,200	3,500	500	600	1,800	1,300	3,200	3,800	21,100	2,400	600	56,200
1993	5,600	2,400	3,700	1,000	1,400	300	1,200	1,000	300	4,200	3,100	26,500	1,500	100	52,300
1994	8,100	5,600	2,900	3,800	4,900	500	1,600	3,300	400	9,800	3,700	34,300	1,200	1,000	81,100
1995	7,900	3,100	4,100	6,800	3,100	600	600	4,900	400	13,600	1,000	84,500	2,800	2,600	136,000
1996	10,500	3,600	4,300	2,400	5,400	500	1,100	4,700	2,600	14,100	5,200	64,000	2,400	3,100	123,900
1997	12,100	5,900	5,800	7,100	6,500	200	4,000	8,900	100	31,600	2,300	56,100	3,100	1,000	144,700
1998	8,700	3,000	6,000	6,000	5,300	1,000	300	19,200	100	19,900	4,400	95,200	5,100	3,000	177,200
1999	6,800	3,500	6,200	3,700	3,800	700	1,700	7,800	600	31,400	7,500	85,800	6,600	1,700	167,800
2000	10,400	5,800	4,700	3,300	7,100	900	500	10,400	0	21,100	6,300	80,200	8,800	1,800	161,300
2001	8,100	3,000	6,600	5,300	6,600	1,900	600	14,700	1,900	17,800	10,200	50,100	3,600	400	130,800
AVERAGES:															
61-65	14,200	10,140	3,280	5,420	6,900	540	1,860	4,000	75	2,180	900	51,040	840	2,180	103,540
66-70	21,000	11,140	6,600	7,080	7,940	1,260	2,500	6,060	220	5,000	1,700	126,760	1,100	2,420	200,780
71-75	13,660	8,620	4,100	5,560	6,400	1,020	1,760	5,940	320	5,900	2,660	88,280	2,140	1,880	148,240
76-80	13,740	8,780	5,620	7,180	7,880	940	1,720	5,820	500	6,920	2,280	136,900	1,260	2,580	202,120
81-85	16,960	7,760	5,620	7,420	7,300	1,060	1,480	6,000	320	5,700	740	97,240	1,720	720	160,040
86-90	5,800	3,580	2,840	2,580	3,440	560	720	3,100	225	3,560	740	37,640	620	1,080	66,440
91-95	6,980	3,460	3,280	3,200	3,140	500	840	2,780	540	6,960	2,320	36,440	1,880	880	73,200
96-00	9,700	4,360	5,400	4,500	5,620	660	1,520	10,200	680	23,620	5,140	76,260	5,200	2,120	154,980

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ESTIMATES OF REGULAR-SEASON WOOD DUCK HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1961	16,600	23,200	9,900	6,800	13,300	2,800	16,900	3,800	200	900	1,800	18,800	1,100	3,100	119,200
1962	19,000	31,000	14,400	7,800	14,800	3,700	16,600	2,300	400	6,900	700	30,900	9,600	4,700	162,800
1963	72,000	56,800	20,600	29,000	26,000	2,100	19,900	4,800	400	18,900	8,400	68,800	24,400	20,900	373,000
1964	63,100	31,200	18,800	24,500	19,800	6,800	15,100	8,900	300	24,500	6,400	68,200	12,000	5,900	311,500
1965	52,300	54,900	17,000	15,400	24,800	6,100	26,600	10,800	100	38,500	9,400	66,200	22,400	12,500	357,000
1966	88,800	65,700	25,800	30,800	44,200	7,700	20,600	7,700	800	46,200	15,000	100,800	25,200	17,800	497,100
1967	77,100	46,300	21,600	12,400	18,100	5,300	19,500	7,700	300	16,600	6,000	81,900	15,900	9,200	336,900
1968	66,200	55,200	24,000	16,100	17,100	11,400	29,900	15,500	200	7,400	2,400	48,200	15,000	11,100	319,700
1969	112,000	102,100	35,600	21,100	27,200	14,200	30,600	18,100	500	18,700	3,700	112,700	47,500	10,500	554,500
1970	100,200	91,800	38,800	20,600	49,300	18,900	31,500	23,300	900	46,100	10,900	121,600	30,200	20,300	634,400
1971	76,200	103,200	45,900	59,300	32,700	23,700	30,500	13,300	1,400	30,200	21,100	71,600	37,900	12,300	559,300
1972	85,900	59,800	43,900	39,300	43,500	15,200	26,400	15,200	3,300	23,100	20,200	100,300	41,300	25,000	542,400
1973	62,700	74,800	37,600	31,000	52,000	14,800	21,600	7,600	1,800	36,700	9,900	71,700	17,300	13,700	453,200
1974	115,300	120,600	46,300	46,700	39,300	17,200	24,000	16,900	4,400	38,200	9,000	68,300	34,700	15,200	596,100
1975	156,900	128,600	38,200	57,500	56,800	18,400	26,100	34,100	3,000	49,200	8,200	161,500	33,200	25,100	796,800
1976	78,500	136,900	60,800	44,000	30,400	3,300	24,600	8,500	1,800	51,900	8,300	159,200	51,700	23,100	683,000
1977	85,600	75,600	24,200	37,900	35,600	9,100	24,000	21,200	3,200	46,300	8,300	130,400	42,100	35,300	578,800
1978	123,800	71,900	25,200	73,600	60,000	12,400	23,400	20,400	9,700	65,700	15,300	154,200	43,500	42,100	741,200
1979	167,000	81,100	41,100	77,800	43,200	14,300	27,100	19,600	7,200	70,000	9,100	155,800	53,800	36,500	803,600
1980	125,700	90,600	33,800	49,100	53,900	16,300	27,000	28,100	2,800	72,200	8,600	202,200	70,500	29,500	810,300
1981	107,600	70,400	21,200	54,300	59,100	9,500	33,100	34,300	3,500	76,800	9,900	213,100	83,200	22,600	798,600
1982	120,600	87,500	28,700	55,300	48,900	8,100	24,500	29,700	1,000	32,000	12,700	167,500	33,700	21,600	671,800
1983	151,600	96,700	39,200	47,300	61,100	15,500	25,400	24,800	2,700	30,700	6,000	236,000	41,200	18,600	796,800
1984	185,400	97,800	60,800	46,300	42,000	14,900	25,000	17,900	4,400	47,900	15,000	198,300	71,300	16,400	843,400
1985	84,400	45,300	34,600	37,400	42,700	11,900	17,400	23,100	1,400	27,300	4,800	110,700	29,700	11,100	481,800
1986	133,100	53,300	23,400	46,000	35,300	9,100	20,300	8,400	600	27,800	5,000	112,000	35,600	15,700	525,600
1987	106,900	96,000	24,700	36,100	33,800	14,700	16,400	10,000	2,000	37,200	8,200	115,200	42,700	19,700	563,600
1988	371,000	34,500	12,700	11,600	11,700	8,700	17,000	5,400	900	25,100	9,400	74,700	18,800	21,500	289,100
1989	49,700	41,600	26,500	17,000	16,900	9,600	19,600	9,900	1,500	31,600	5,200	114,900	26,100	25,200	395,300
1990	62,800	50,300	18,800	25,600	29,300	9,900	18,000	9,800	4,800	35,200	30,000	102,700	18,600	14,000	429,800
1991	94,400	63,000	26,900	39,400	39,100	8,600	20,000	12,300	1,800	26,400	11,100	87,000	22,900	18,100	471,000
1992	90,200	51,000	23,300	18,800	22,400	5,700	17,000	9,500	2,100	29,400	10,000	85,900	14,100	13,900	393,300
1993	91,100	50,000	25,200	22,200	29,100	8,800	20,500	9,300	2,000	48,000	14,700	110,900	27,500	18,000	477,300
1994	129,900	70,200	39,900	33,300	36,200	5,400	20,500	13,600	2,500	63,600	18,000	111,500	20,500	14,300	579,400
1995	164,600	64,900	37,900	49,800	29,600	11,700	22,200	16,700	1,700	56,100	16,100	156,800	36,500	19,000	683,600
1996	156,700	60,300	31,800	43,100	38,300	11,300	21,200	15,800	5,100	78,000	12,200	150,300	35,500	29,200	688,800
1997	114,300	51,100	50,800	53,000	43,200	15,400	16,500	20,000	8,400	93,600	29,200	167,500	45,200	49,300	757,500
1998	126,600	44,500	53,000	36,900	51,100	12,700	30,400	43,100	4,000	96,000	25,900	207,600	24,000	38,200	794,000
1999	136,900	49,100	49,200	38,700	54,600	23,300	22,800	32,100	7,100	112,400	44,900	319,600	40,100	64,400	997,200
2000	83,200	46,200	46,200	39,900	49,100	9,000	20,000	17,700	4,900	66,600	18,800	185,200	83,700	38,400	708,900
2001	79,000	37,100	29,700	40,400	48,200	20,100	17,600	13,200	7,500	45,800	22,900	102,100	52,600	50,800	567,000

AVERAGES:

61-65	45,800	39,420	16,140	16,700	19,740	4,300	19,020	6,120	280	17,940	5,340	50,580	13,900	9,420	264,700
66-70	88,860	72,020	29,160	26,200	31,180	11,500	26,420	14,460	540	27,000	7,680	93,040	26,760	13,780	468,520
71-75	99,400	97,400	42,380	46,760	44,860	17,860	25,720	17,420	2,780	33,480	13,680	94,680	32,880	18,260	589,560
76-80	116,120	91,220	37,020	56,480	44,620	11,080	25,220	19,560	4,940	61,220	9,920	160,360	52,320	33,300	723,380
81-85	129,920	79,540	36,900	48,120	50,760	11,980	25,080	25,960	2,600	42,940	9,880	185,120	51,820	18,060	718,480
86-90	77,920	55,140	21,220	27,260	25,400	10,400	18,260	8,700	1,960	31,380	11,560	103,900	28,360	19,220	440,680
91-95	114,040	59,820	30,640	32,700	31,280	8,040	20,040	12,280	2,020	44,700	13,980	110,420	24,300	16,660	520,920
96-00	123,940	50,240	46,200	42,320	47,260	14,340	22,180	25,740	5,900	89,320	26,200	206,040	45,700	43,900	789,280

ESTIMATES OF REGULAR-SEASON REDHEAD HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1961	0	300	500	200	0	TR*	100	200	0	0	0	500	0	0	1,800
1962	700	700	100	200	100	TR	0	0	0	0	100	200	0	0	2,200
1963	1,400	1,000	200	0	100	TR	100	200	100	0	0	1,100	0	0	4,400
1964	23,900	4,500	8,100	1,100	500	TR	800	1,100	100	200	500	3,300	1,200	1,300	46,600
1965	25,400	11,100	16,900	2,800	1,300	200	1,400	1,900	0	300	200	4,000	0	200	65,700
1966	32,900	12,500	26,900	4,100	3,400	100	1,100	2,700	TR	100	200	7,600	400	3,900	95,900
1967	37,500	6,900	30,000	2,100	4,400	600	600	2,900	0	0	500	1,900	800	1,700	91,500
1968	10,100	2,000	7,700	900	500	200	600	700	200	0	0	0	300	400	23,600
1968	50,000	6,600	13,600	3,700	2,700	500	1,500	2,200	200	0	0	5,900	0	1,000	87,900
1970	29,200	10,000	15,700	4,800	4,600	300	1,900	2,100	100	900	200	12,300	2,800	2,200	87,100
1971	38,600	16,100	12,500	3,900	1,800	600	700	5,100	300	400	0	3,000	0	1,100	84,100
1972	1,000	2,700	1,900	800	600	0	400	100	100	600	0	2,400	200	100	10,900
1973	400	5,200	3,100	1,400	1,300	400	1,200	200	200	1,000	200	1,900	300	300	17,100
1974	5,700	6,600	5,700	800	900	400	1,200	1,600	0	1,000	1,500	5,100	0	200	30,700
1975	13,600	9,200	7,200	2,300	3,000	1,900	1,400	2,200	800	800	400	2,700	300	1,400	47,200
1976	13,100	9,200	8,100	3,700	2,800	200	1,800	2,400	200	0	0	6,000	0	0	47,500
1977	10,900	5,700	1,600	1,300	1,900	400	1,000	1,000	0	700	200	2,700	400	400	28,200
1978	35,000	6,300	4,300	2,400	3,200	600	2,700	2,300	700	600	400	4,700	0	200	63,400
1979	38,600	8,800	9,300	4,700	5,000	2,100	800	2,200	200	300	800	11,900	2,100	800	87,600
1980	24,800	10,100	8,400	2,300	3,000	400	1,000	1,300	100	200	0	5,000	900	500	58,000
1981	20,100	4,000	7,700	800	4,400	100	1,500	800	0	0	300	3,500	0	300	43,500
1982	28,300	2,400	2,000	2,000	1,800	200	800	700	0	600	500	3,900	400	400	48,500
1983	28,500	4,300	10,500	1,900	3,100	400	1,100	1,600	TR	1,400	0	10,700	300	700	64,500
1984	26,300	4,000	6,800	1,700	3,100	300	700	1,400	0	1,700	300	3,400	200	1,200	51,100
1985	16,900	4,300	5,800	1,100	800	500	600	2,000	200	800	200	2,600	400	200	36,400
1986	19,900	4,700	7,200	1,200	1,800	500	400	1,300	100	1,200	200	2,100	0	300	40,900
1987	18,300	4,600	4,400	800	1,100	100	300	700	100	600	200	3,100	400	100	34,800
1988	3,300	400	900	500	700	100	300	200	0	0	100	800	0	0	7,300
1989	3,500	1,000	1,700	100	500	0	200	100	0	0	100	1,400	0	100	8,700
1990	5,000	1,800	2,600	100	300	0	500	400	0	200	200	1,800	100	TR	13,000
1991	11,300	3,500	2,000	1,000	3,700	100	100	900	0	0	0	1,800	100	0	24,500
1992	7,500	2,300	1,800	700	1,100	TR	300	600	0	100	500	1,100	TR	0	16,000
1993	11,600	3,200	4,400	1,000	1,400	200	400	TR	TR	700	400	2,800	0	100	26,200
1994	18,700	4,100	6,100	900	3,000	300	500	1,100	0	1,500	200	6,400	200	0	43,000
1995	20,200	4,100	10,500	2,800	2,600	800	900	1,800	400	900	0	18,200	0	800	64,000
1996	23,100	4,700	16,500	3,300	2,400	400	1,100	4,600	300	1,900	300	26,300	400	300	85,600
1997	27,800	7,800	10,000	2,000	2,800	0	900	4,400	0	6,000	1,300	15,300	1,200	700	80,200
1998	15,900	2,500	9,200	1,700	4,400	200	500	1,700	100	5,500	2,200	23,400	200	2,200	69,700
1999	18,900	4,800	10,100	1,400	3,100	700	900	2,600	0	2,100	0	22,600	300	700	68,200
2000	10,600	3,700	10,200	500	4,200	200	300	2,200	600	600	0	6,400	700	0	40,200
2001	14,800	5,100	8,900	2,900	1,200	1,500	600	1,300	0	1,500	400	6,100	400	0	44,700
AVERAGES:															
61-65	10,280	3,520	5,160	860	400	200	480	680	40	100	160	1,820	240	360	24,140
66-70	31,940	7,600	18,780	3,120	3,120	340	1,460	2,120	125	200	180	5,540	860	1,840	77,200
71-75	11,860	7,960	6,080	1,840	1,520	660	980	1,840	280	760	420	3,020	160	620	38,000
76-80	24,480	8,020	6,340	2,880	3,180	740	1,460	1,840	240	360	280	6,060	680	380	56,940
81-85	24,020	3,800	7,460	1,500	2,640	300	940	1,300	50	900	260	4,820	260	560	48,800
86-90	10,000	2,500	3,360	540	880	140	340	540	40	400	160	1,840	100	125	20,940
91-95	13,860	3,440	4,960	1,280	2,360	350	440	1,100	100	640	220	6,060	75	180	34,740
96-00	19,260	4,700	11,200	1,780	3,380	300	740	3,100	200	3,220	760	18,800	560	780	68,780

ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MFTOTAL
1961	0	0	0	200	0	0	0	0	0	0	0	0	0	0	200
1962	0	0	0	0	0	0	0	0	0	0	0	TR	0	TR	TR
1963	0	0	0	0	0	0	0	0	0	0	100	0	100	0	200
1964	8,500	8,300	4,500	200	1,500	300	400	200	500	0	2,000	6,300	700	2,700	36,100
1965	9,600	15,400	8,500	2,500	2,900	300	1,500	1,400	200	500	700	3,200	0	2,800	49,500
1966	14,600	11,100	13,300	2,600	3,500	100	1,200	1,100	400	0	800	7,000	800	4,300	60,800
1967	6,200	10,300	8,700	1,800	8,800	100	1,000	1,000	800	0	400	4,000	1,000	2,300	46,200
1968	7,200	4,600	2,100	0	1,700	300	900	600	0	0	600	2,400	600	600	21,600
1969	7,800	5,500	6,600	1,000	700	0	800	1,000	0	400	800	700	1,100	500	26,900
1970	6,300	10,300	6,500	1,900	2,600	200	1,400	2,100	300	0	2,600	4,800	500	400	39,900
1971	9,700	8,100	6,700	2,000	500	100	600	300	400	2,000	2,400	1,800	0	700	35,300
1972	500	0	0	0	0	0	0	0	0	0	0	400	0	0	900
1973	200	2,100	300	1,000	1,200	0	500	0	0	1,700	1,600	5,000	700	200	14,500
1974	3,000	1,200	2,000	700	200	500	600	700	400	2,200	900	2,800	700	300	16,200
1975	4,500	1,700	4,300	1,400	200	3,400	900	200	400	1,700	2,300	8,500	200	800	30,500
1976	10,000	4,500	800	1,000	4,300	2,000	1,100	700	2,500	0	300	5,700	900	200	34,000
1977	5,200	1,900	1,700	900	900	300	900	400	900	2,500	0	7,600	900	600	24,700
1978	5,300	1,600	500	700	1,700	400	500	600	400	1,100	500	6,200	400	500	20,400
1979	11,400	2,400	1,800	900	4,200	600	200	400	500	0	800	14,400	1,200	500	39,300
1980	6,700	2,600	800	1,400	4,600	800	800	500	400	1,900	1,100	5,400	0	200	27,200
1981	5,400	3,100	400	1,400	900	200	500	400	700	1,900	100	3,800	400	500	20,000
1982	6,800	600	800	900	1,900	0	800	0	0	200	100	1,100	400	300	13,900
1983	9,700	2,200	1,200	1,200	3,000	300	900	900	600	800	0	8,900	400	900	31,000
1984	7,200	1,400	700	900	2,300	100	800	1,000	0	1,000	200	7,300	0	100	23,000
1985	10,200	2,400	1,800	1,100	700	300	500	1,300	300	800	700	3,000	0	100	23,200
1986	0	200	0	0	0	0	0	100	0	0	0	300	0	0	600
1987	0	200	0	0	0	0	0	0	100	0	0	300	200	0	800
1988	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100
1989	300	100	0	0	0	0	0	0	TR	0	0	100	0	0	500
1990	0	0	0	0	0	100	0	0	0	0	0	200	0	100	400
1991	0	0	0	0	0	0	0	0	0	0	0	100	0	0	200
1992	100	0	100	0	0	0	0	100	0	0	0	0	0	0	300
1993	100	0	0	100	0	0	0	0	0	0	0	0	0	0	200
1994	11,100	6,800	2,400	600	2,800	200	400	700	800	800	500	4,200	800	100	31,400
1995	18,600	5,600	5,200	3,000	3,100	0	900	1,900	800	0	1,300	18,900	0	800	60,100
1996	13,500	4,300	5,100	1,100	3,300	100	500	1,500	400	300	1,500	16,900	0	1,100	49,600
1997	19,600	7,100	2,700	2,500	5,900	300	900	1,200	0	800	1,600	17,100	0	0	59,700
1998	7,800	3,200	2,500	1,500	4,400	300	100	1,500	100	2,200	1,400	10,200	0	1,300	36,500
1999	9,500	4,100	4,400	100	5,000	0	800	600	100	200	800	14,400	0	0	40,000
2000	6,100	4,800	5,500	300	5,700	0	1,300	800	200	1,400	1,300	15,700	900	100	44,100
2001	3,500	2,100	900	1,700	0	0	200	0	0	300	300	1,300	0	200	10,500
AVERAGES:															
61-65	3,620	4,740	3,250	580	880	120	380	320	140	100	560	2,375	160	1,375	21,500
66-70	8,420	8,360	7,440	1,460	3,460	140	1,020	1,160	300	80	1,040	3,780	800	1,620	39,080
71-75	3,580	2,620	2,660	1,020	420	800	520	240	240	1,520	1,440	3,700	320	400	19,480
76-80	7,720	2,600	1,120	980	3,140	820	700	520	940	1,100	540	7,860	680	400	29,120
81-85	7,860	1,940	980	1,100	1,760	180	700	720	320	940	280	4,820	240	380	22,220
86-90	60	100	0	0	0	20	0	20	25	0	0	200	40	20	480
91-95	5,980	2,480	1,560	740	1,180	40	280	540	160	160	360	4,640	160	180	18,440
96-00	11,300	4,700	4,040	1,100	4,860	140	720	1,120	160	980	1,320	14,860	180	500	45,980

* - TRace = Fewer than 50

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ESTIMATES OF ALL-SEASON LESSER SCAUP HARVESTS IN THE MISSISSIPPI FLYWAY (FWS MAIL QUESTIONNAIRE SURVEY)

YEAR	MN	WI	MI	IA	IL	IN	OH	MO	KY	AR	TN	LA	MS	AL	MF TOTAL
1961	51,300	12,000	8,400	5,500	10,500	600	1,500	5,400	400	100	600	59,400	3,900	1,900	161,500
1962	23,100	6,100	6,900	800	500	100	1,000	300	TR*	0	100	10,000	0	400	49,300
1963	14,500	5,300	6,600	2,600	3,100	200	1,500	3,100	400	700	100	127,600	1,400	2,800	169,900
1964	48,400	23,400	6,800	3,200	6,800	500	3,300	8,400	700	1,500	800	100,600	2,700	3,000	226,800
1965	76,900	27,200	15,600	10,200	13,200	1,100	4,700	11,500	600	1,700	900	178,600	6,200	4,600	353,000
1966	72,800	48,900	31,500	10,600	11,800	1,100	7,400	9,700	1,000	2,900	1,400	80,200	3,300	3,400	287,000
1967	57,000	49,000	41,000	4,700	14,500	2,000	8,500	17,100	300	800	1,200	47,900	10,100	2,900	256,000
1968	32,600	16,600	16,700	2,900	6,500	500	2,000	10,100	TR	0	100	6,800	1,200	100	96,100
1969	170,300	30,100	47,200	7,600	7,500	5,200	5,600	4,800	0	900	400	14,500	3,400	2,600	300,100
1970	93,700	32,200	33,400	7,800	11,400	1,500	7,300	7,300	1,000	1,100	1,900	49,200	2,300	1,100	251,200
1971	121,700	28,600	29,300	17,300	11,800	1,200	3,400	11,600	500	0	3,800	61,100	3,400	3,900	297,600
1972	161,700	37,100	39,600	16,100	11,400	800	3,600	8,000	1,000	7,500	1,900	36,400	1,200	800	327,100
1973	55,100	17,900	36,000	5,000	7,900	800	4,200	4,700	500	10,900	2,900	265,100	11,000	12,100	434,100
1974	59,400	26,000	46,000	5,000	15,100	900	5,100	8,700	400	9,800	3,500	137,700	8,400	4,800	330,800
1975	54,500	27,100	30,300	7,700	17,900	1,600	4,600	20,000	1,100	4,300	800	74,900	3,500	2,100	250,400
1976	59,600	33,200	33,300	8,000	24,100	2,800	6,300	12,000	600	13,900	100	119,400	4,200	9,200	326,700
1977	34,500	19,800	16,200	4,200	17,000	2,500	3,900	11,700	2,500	28,700	2,900	187,700	20,400	12,400	364,400
1978	48,300	10,400	9,600	5,700	19,700	1,000	2,100	12,600	100	5,400	1,000	55,400	2,700	3,300	177,300
1979	48,300	17,500	12,500	7,300	17,900	4,700	3,600	6,900	800	3,600	800	19,100	1,200	400	144,600
1980	47,400	32,000	11,700	7,900	10,800	5,000	3,300	6,000	1,300	2,700	1,200	23,500	0	1,500	154,300
1981	86,100	55,000	14,900	6,000	21,200	1,900	4,400	7,800	900	2,300	1,400	101,000	9,500	12,800	325,200
1982	52,100	25,000	12,900	5,900	2,900	600	3,900	4,100	700	12,400	1,400	91,900	1,800	6,400	241,000
1983	45,500	18,200	11,000	7,300	15,200	1,900	5,300	5,300	100	4,300	3,000	35,700	2,000	2,000	154,500
1984	75,600	48,800	13,000	12,100	16,900	4,000	5,800	18,600	800	17,900	7,300	150,700	2,500	8,800	380,800
1985	72,300	39,500	9,300	5,300	14,300	3,900	4,700	13,100	700	6,000	1,100	119,600	4,300	11,700	305,800
1986	74,100	19,600	9,200	3,900	14,400	1,100	4,400	9,700	0	2,700	0	21,500	100	3,300	164,000
1987	28,300	13,500	5,900	2,900	5,900	800	2,600	8,200	100	5,000	200	22,400	500	800	97,100
1988	35,800	10,800	5,900	1,700	3,200	1,100	1,400	1,600	100	1,300	2,500	16,600	1,400	1,500	84,900
1989	19,200	11,600	9,600	1,600	3,200	300	2,400	4,700	200	2,000	500	11,800	600	1,400	69,200
1990	24,900	10,400	5,000	1,600	4,900	300	2,500	2,200	100	1,800	1,500	3,600	100	TR	58,900
1991	29,700	15,200	5,500	7,200	17,500	1,100	1,400	6,900	100	2,600	1,100	11,600	100	2,600	102,600
1992	41,400	8,900	7,400	3,200	7,100	1,100	1,500	3,000	300	1,200	2,300	50,300	1,500	4,100	133,300
1993	27,000	7,700	10,000	2,100	4,200	700	1,600	2,100	0	1,100	1,000	5,200	0	1,000	63,700
1994	39,700	8,500	12,700	3,300	6,700	300	400	5,700	600	4,400	700	16,500	400	2,100	102,000
1995	54,200	14,200	17,100	5,500	4,500	1,000	3,300	5,200	0	11,600	800	70,300	700	1,600	190,000
1996	38,100	10,400	10,100	4,400	4,300	1,300	3,500	2,200	5,800	27,600	2,900	169,200	6,700	7,700	294,200
1997	60,000	13,200	17,000	4,200	8,100	1,400	2,500	13,300	7,600	17,800	13,700	197,900	800	4,100	361,000
1998	20,800	4,500	10,500	4,400	18,500	0	4,000	5,500	2,500	30,400	2,300	207,800	4,200	3,500	318,900
1999	19,700	8,200	7,500	5,600	19,400	0	4,400	3,300	0	1,400	600	8,800	1,100	300	80,300
2000	13,200	3,100	5,100	1,800	15,400	100	7,200	3,200	400	14,800	4,000	129,400	8,600	600	206,900
2001	29,400	2,700	11,600	8,800	9,300	1,000	5,500	6,600	1,600	10,200	5,100	89,400	1,700	200	183,100
AVERAGES:															
61-65	42,840	14,800	12,200	4,460	6,820	500	2,400	5,740	525	800	500	95,240	2,840	2,540	192,100
66-70	85,280	35,360	33,960	6,540	10,340	2,060	6,340	9,800	575	1,140	1,000	39,720	4,060	2,020	238,080
71-75	90,480	27,340	36,240	10,220	12,820	1,060	4,180	10,600	700	6,500	2,580	115,040	5,500	4,740	328,000
76-80	47,620	22,580	16,660	6,620	17,900	3,200	3,840	9,840	1,060	10,860	1,200	81,020	5,700	5,360	233,460
81-85	66,320	36,900	12,220	7,320	17,900	2,460	4,360	9,780	640	8,580	2,840	99,780	4,020	8,340	281,460
86-90	36,460	13,180	7,120	2,340	6,320	740	2,660	5,280	100	2,560	940	15,180	540	1,750	94,820
91-95	38,400	10,900	10,540	4,260	8,000	840	1,640	4,580	200	4,180	1,180	30,780	540	2,280	118,320
96-00	30,360	7,880	10,040	4,080	13,140	560	4,320	5,500	3,260	18,400	4,580	142,620	4,280	3,240	252,260

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ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE CENTRAL FLYWAY (Mail Questionnaire Survey)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1961	42,800	77,600	89,200	20,400	110,700	55,100	114,900	9,700	60,800	207,000	788,300
1962	5,800	92,500	78,800	3,600	33,100	15,900	34,100	3,600	23,500	137,100	428,000
1963	24,000	169,700	215,000	8,700	102,100	88,600	88,600	22,600	38,900	267,600	1,002,400
1964	36,900	211,400	166,600	18,800	139,500	54,100	117,800	17,400	88,700	456,900	1,308,000
1965	15,600	201,100	146,200	3,600	81,500	43,100	100,100	15,500	72,400	400,200	1,079,300
1966	26,300	325,500	259,600	20,200	165,200	80,500	142,600	27,100	141,600	771,100	1,959,800
1967	20,700	319,000	264,300	21,400	258,300	124,700	269,000	26,100	185,600	538,600	2,027,700
1968	22,900	211,000	122,200	23,000	141,400	75,200	150,400	24,700	70,200	381,400	1,222,400
1969	42,700	365,000	268,900	23,900	256,400	97,800	228,800	21,200	144,400	963,200	2,402,200
1970	47,000	389,200	253,000	36,200	303,300	137,500	297,400	32,400	173,700	1,161,100	2,830,700
1971	56,400	444,900	372,600	42,500	302,100	207,900	430,000	27,000	197,500	622,500	2,703,400
1972	43,400	415,800	327,500	36,300	287,200	169,100	397,400	30,100	215,600	963,700	2,876,200
1973	29,800	229,000	304,800	35,300	300,600	148,500	336,700	12,700	225,200	740,800	2,363,400
1974	33,100	362,000	145,800	25,500	117,800	97,700	260,000	34,500	195,900	833,100	2,105,500
1975	51,900	376,500	199,000	52,200	244,200	111,400	262,400	47,600	251,300	1,200,300	2,796,800
1976	56,100	363,900	151,600	40,800	254,300	155,200	287,000	54,600	216,000	1,103,200	2,682,700
1977	34,300	196,000	148,900	42,300	257,700	108,800	336,200	31,100	213,300	968,000	2,366,600
1978	43,300	430,200	420,800	47,900	309,400	123,300	243,000	35,900	149,400	1,053,800	2,856,900
1979	37,700	393,800	271,200	42,200	243,500	108,200	213,500	36,000	157,400	1,084,400	2,587,700
1980	26,400	256,100	161,200	37,400	188,300	102,300	127,400	26,900	128,400	959,900	2,014,400
1981	22,900	287,800	134,200	39,100	217,800	130,300	167,100	21,600	137,700	799,200	1,957,900
1982	38,000	252,000	135,900	45,500	221,700	123,000	139,200	40,400	137,100	1,002,600	2,135,500
1983	38,100	254,200	189,700	47,300	247,700	132,800	179,400	38,800	121,900	809,800	2,059,700
1984	29,000	226,300	256,200	48,000	228,800	123,600	147,000	36,300	197,400	925,700	2,218,300
1985	28,300	135,000	136,200	28,300	155,600	89,400	121,000	23,700	144,200	560,000	1,421,800
1986	28,600	216,400	172,200	34,500	158,000	87,100	132,200	18,100	116,900	548,700	1,512,700
1987	19,900	234,500	132,800	27,900	150,500	82,400	107,800	30,600	140,400	716,500	1,643,300
1988	9,900	68,600	76,300	16,400	73,600	60,200	57,300	13,500	75,100	297,700	748,500
1989	13,900	85,300	86,900	18,100	80,600	62,300	61,300	12,800	67,200	430,500	918,700
1990	16,200	68,600	67,100	17,600	104,100	57,800	60,300	8,900	81,300	428,000	910,000
1991	15,000	60,700	93,000	12,200	75,000	45,200	54,100	19,800	62,200	316,000	753,300
1992	35,000	68,100	99,500	14,200	94,100	54,200	77,800	13,400	78,800	312,300	847,300
1993	15,600	126,800	108,300	18,000	93,700	52,100	61,600	15,900	82,900	397,600	972,500
1994	40,100	210,700	128,700	23,000	117,500	80,300	81,300	13,300	97,000	596,800	1,388,700
1995	41,500	299,200	202,500	36,900	182,400	122,900	97,100	28,500	163,100	777,800	1,951,800
1996	45,800	334,000	217,900	33,400	169,700	143,800	136,100	19,600	218,700	921,600	2,240,400
1997	56,800	454,500	237,800	45,300	231,600	165,200	185,600	39,600	280,600	1,136,300	2,833,300
1998	55,600	399,300	285,300	41,500	253,500	171,900	231,900	38,200	290,500	1,439,600	3,207,200
1999	38,600	448,800	253,200	33,300	143,500	108,200	212,900	57,500	247,600	1,149,800	2,693,300
2000	32,300	583,600	248,600	40,300	257,600	97,100	236,300	38,100	306,100	1,288,000	3,107,900
2001	43,700	693,400	289,200	43,600	216,400	109,900	235,000	31,500	255,400	1,323,300	3,241,300
AVERAGES:											
61-65	25,020	150,460	139,160	11,020	93,380	46,660	91,100	13,760	56,860	293,760	921,200
66-70	31,920	321,940	233,600	24,940	224,920	103,140	217,640	26,300	143,100	761,080	2,088,560
71-75	42,920	365,640	269,940	38,360	250,380	146,920	337,300	30,380	217,100	870,080	2,569,060
76-80	39,560	328,000	230,740	42,120	250,640	119,560	241,420	36,900	172,900	1,033,860	2,495,660
81-85	31,260	231,060	170,440	41,640	214,320	119,820	150,740	32,160	147,660	819,460	1,958,640
86-90	17,700	134,680	107,060	22,900	113,360	69,960	83,780	16,780	96,180	484,280	1,146,640
91-95	29,440	153,100	126,400	20,860	112,540	70,940	74,380	18,180	96,800	480,100	1,182,720
96-2000	45,820	444,040	248,560	38,760	211,180	137,240	200,560	38,600	268,700	1,183,060	2,816,420

ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE CENTRAL FLYWAY (Mail Questionnaire Survey)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1961	30,300	57,500	65,600	15,100	93,500	46,000	37,800	3,400	30,200	29,600	409,000
1962	3,900	58,800	41,000	2,900	18,500	11,900	10,400	1,800	9,300	9,300	190,500
1963	19,700	91,300	93,100	6,500	52,800	48,000	24,500	8,200	12,300	48,300	404,500
1964	24,600	115,200	89,200	12,400	74,500	40,800	35,200	5,600	38,300	74,200	510,100
1965	8,100	91,700	52,600	700	43,000	24,900	26,600	2,400	14,100	54,000	318,000
1966	20,100	166,500	123,600	10,300	102,500	48,300	57,200	7,900	52,800	98,300	687,400
1967	16,100	160,300	149,500	12,300	153,100	85,300	100,300	8,900	50,100	72,100	807,800
1968	19,700	98,300	70,600	18,300	80,100	65,100	78,300	11,800	44,000	60,000	546,200
1969	34,000	162,600	110,200	16,700	156,000	70,100	86,600	9,700	47,200	109,300	802,900
1970	42,700	202,800	136,800	25,000	191,500	102,600	116,800	11,600	68,500	157,000	1,055,200
1971	51,800	237,700	194,000	29,000	181,900	137,900	206,600	9,000	90,400	93,500	1,231,800
1972	36,500	260,000	176,600	25,300	172,500	113,200	212,800	9,700	105,200	143,600	1,255,400
1973	22,200	120,900	181,100	24,800	146,600	93,900	154,800	4,700	102,800	155,200	1,007,000
1974	22,000	192,500	64,600	18,200	66,200	56,100	123,800	14,100	102,700	149,200	809,500
1975	37,500	173,000	99,100	34,700	117,500	72,400	114,900	16,600	106,600	162,500	934,900
1976	34,000	172,400	59,700	22,700	139,900	83,900	119,100	21,500	101,900	220,600	975,700
1977	25,200	94,700	57,600	26,700	144,700	56,900	151,000	8,500	67,800	156,300	789,500
1978	30,000	224,400	177,400	29,300	184,500	77,500	129,400	13,200	55,700	138,400	1,059,800
1979	25,000	193,800	138,400	25,100	133,400	66,900	104,200	13,600	76,100	146,600	923,100
1980	21,600	145,600	83,200	24,500	128,100	52,200	78,600	12,100	64,600	176,400	786,800
1981	17,800	165,100	69,500	20,600	141,700	83,000	91,900	8,300	62,600	123,900	784,400
1982	28,400	134,700	68,600	27,900	118,400	65,700	71,500	14,800	62,600	90,200	683,100
1983	26,500	130,300	91,000	32,700	132,900	86,500	88,100	20,000	49,500	115,100	772,600
1984	22,600	128,900	123,400	27,300	135,500	61,300	54,300	86,300	89,700	742,800	742,800
1985	19,700	74,500	59,600	17,900	81,200	49,400	46,700	11,400	68,500	81,900	510,800
1986	20,900	134,100	72,300	19,000	87,100	46,600	63,900	7,900	66,900	67,900	586,600
1987	13,800	140,000	65,500	18,100	94,900	49,900	49,500	15,000	71,300	94,600	612,500
1988	7,900	43,700	43,200	11,800	51,300	37,800	35,400	6,500	42,700	44,400	324,700
1989	7,900	50,000	39,300	11,600	48,600	34,400	29,900	6,700	33,800	73,100	335,200
1990	11,800	40,000	30,700	12,400	61,700	33,300	32,700	4,100	38,300	62,000	327,000
1991	10,900	35,100	43,600	8,000	55,500	23,100	29,500	8,800	28,100	51,200	293,700
1992	26,000	39,200	54,400	9,800	66,400	35,800	40,600	5,100	41,500	52,200	371,000
1993	10,400	70,700	49,500	11,700	60,500	36,900	33,800	7,200	45,400	69,500	395,700
1994	28,400	107,300	54,500	14,100	62,700	44,200	45,700	5,600	54,000	100,600	517,100
1995	32,200	142,800	77,700	21,300	106,600	60,700	53,300	9,100	86,400	121,600	711,700
1996	27,800	165,100	101,700	18,300	92,700	73,900	77,800	6,300	110,200	108,900	782,800
1997	37,900	203,300	94,000	29,000	114,100	79,400	77,300	12,200	126,600	139,500	913,200
1998	34,100	152,300	127,200	19,800	115,900	89,800	111,300	9,600	130,600	189,500	980,200
1999	24,600	192,800	121,000	20,100	71,900	58,600	119,900	17,800	108,600	179,300	914,600
2000	23,000	235,700	118,400	26,300	145,900	52,000	123,200	13,700	167,200	207,300	1,112,600
2001	31,100	339,600	149,900	27,200	143,300	76,800	137,200	13,800	154,400	230,200	1,303,600
AVERAGES:											
61-65	17,320	82,900	68,300	7,520	56,460	34,320	26,900	4,280	20,840	47,620	366,420
66-70	26,520	158,100	118,140	16,520	136,640	74,280	87,840	9,980	52,520	99,340	779,820
71-75	34,000	196,820	143,080	26,400	136,940	94,700	162,580	10,820	101,540	140,800	1,047,720
76-80	27,160	166,180	103,260	25,660	146,120	67,480	116,460	13,720	73,220	167,660	906,980
81-85	23,000	126,700	82,420	25,280	121,940	69,180	70,500	13,620	65,900	100,160	698,740
86-90	12,460	81,560	50,200	14,580	68,720	40,400	42,280	8,040	50,600	68,400	437,200
91-95	21,580	79,020	55,940	12,980	70,340	40,140	40,580	7,160	51,080	79,020	457,840
96-2000	29,480	189,840	112,460	22,700	108,100	70,740	101,900	11,920	128,640	164,900	940,680

ESTIMATES OF REGULAR-SEASON PINTAIL HARVESTS IN THE CENTRAL FLYWAY (Mail Questionnaire Survey)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1961	1,800	2,500	5,100	700	2,800	400	8,400	800	2,800	24,200	49,500
1962	700	6,100	10,900	0	2,500	600	2,500	100	1,100	21,900	46,300
1963	500	14,400	18,700	200	8,000	1,600	6,100	1,400	1,000	49,100	101,000
1964	2,100	14,800	8,700	500	5,900	1,200	6,800	1,000	4,900	83,900	130,000
1965	500	10,600	3,300	100	2,600	900	4,400	1,300	2,500	55,300	81,500
1966	100	28,500	10,800	500	5,700	1,600	5,900	1,700	3,400	120,000	178,300
1967	500	21,900	11,100	400	7,700	5,300	14,100	1,400	8,400	103,800	174,700
1968	500	13,200	3,400	400	4,600	1,100	6,600	1,300	1,300	60,300	92,700
1969	1,100	31,400	11,900	400	7,900	1,800	11,200	1,100	3,000	105,900	175,700
1970	500	30,800	8,300	1,100	8,000	3,200	15,900	2,000	5,800	217,000	292,700
1971	0	26,800	11,200	1,600	8,300	7,600	31,000	1,000	4,500	62,700	154,700
1972	600	25,000	8,800	1,400	5,800	4,100	21,200	2,500	6,100	89,000	164,600
1973	300	17,600	11,400	900	8,400	5,900	27,700	1,400	9,100	71,800	154,300
1974	800	36,800	3,200	600	1,800	6,000	9,500	4,400	4,200	95,100	162,500
1975	800	39,600	7,000	1,300	7,400	3,000	7,200	3,700	6,200	197,400	273,500
1976	1,600	29,000	4,000	1,100	5,400	3,900	8,900	7,900	4,400	128,700	194,800
1977	800	9,300	6,000	1,100	9,100	3,800	16,500	5,400	6,100	121,900	179,900
1978	2,300	36,900	29,200	2,700	6,100	1,900	6,500	3,800	3,200	146,800	239,400
1979	2,300	21,000	11,900	1,400	8,600	4,300	9,200	4,100	4,800	161,300	228,800
1980	400	12,000	9,300	1,500	3,100	4,400	3,200	4,300	4,000	150,800	193,100
1981	500	15,700	5,000	1,800	7,300	2,800	3,900	1,100	5,100	107,800	151,000
1982	600	11,400	6,300	1,300	8,000	5,500	6,900	3,800	3,900	111,400	158,700
1983	700	16,100	12,000	1,200	7,100	4,500	5,300	3,400	5,700	82,700	138,900
1984	400	17,000	13,500	1,300	5,700	5,600	8,400	2,800	5,200	105,600	165,700
1985	300	6,100	4,400	700	4,100	1,700	4,300	1,700	4,300	56,400	83,900
1986	600	7,000	5,800	600	2,900	2,200	4,900	1,000	2,500	44,500	72,100
1987	200	11,700	4,700	1,200	5,300	1,300	5,700	1,300	4,800	86,100	122,400
1988	200	2,500	2,500	600	300	1,700	2,100	600	1,500	24,300	36,400
1989	300	4,100	4,000	200	1,600	700	2,300	400	1,000	29,000	43,600
1990	500	2,000	2,200	400	1,700	1,000	1,600	400	1,100	32,300	43,200
1991	300	1,600	2,600	200	900	600	1,100	300	400	20,800	28,700
1992	600	4,600	2,500	100	900	700	1,500	400	1,000	19,800	32,100
1993	200	7,200	3,200	200	1,100	300	1,700	600	1,100	26,700	42,300
1994	200	9,800	6,700	500	1,800	1,900	1,500	1,000	2,800	35,200	61,300
1995	500	15,700	8,500	900	5,600	4,100	1,900	1,400	2,100	54,100	94,800
1996	500	21,000	7,800	1,300	3,100	3,200	2,400	300	2,500	54,500	96,600
1997	700	30,000	11,600	200	5,900	3,600	8,500	3,200	4,500	121,100	189,200
1998	1,000	16,800	10,900	1,800	7,200	3,100	8,200	4,900	3,900	67,300	125,000
1999	800	21,600	10,500	1,300	4,200	1,100	6,000	3,200	6,200	83,400	138,400
2000	600	25,900	9,200	200	9,100	2,700	9,400	3,100	6,700	69,700	136,600
2001	1,000	32,800	11,600	500	7,800	1,700	10,700	1,900	5,100	78,800	151,900
AVERAGES:											
61-65	1,120	9,680	9,340	300	4,360	940	5,640	920	2,460	46,880	81,660
66-70	540	25,160	9,100	560	6,780	2,600	10,740	1,500	4,380	121,400	182,820
71-75	500	29,160	8,320	1,160	6,340	5,320	19,320	2,600	6,020	103,200	181,920
76-80	1,480	21,640	12,080	1,560	6,460	3,660	8,860	5,100	4,500	141,900	207,200
81-85	500	13,260	8,240	1,260	6,440	4,020	5,700	2,560	4,840	92,780	139,640
86-90	360	5,460	3,840	600	2,360	1,380	3,320	740	2,180	43,240	63,540
91-95	360	7,780	4,700	380	2,060	1,520	1,540	740	1,480	31,320	51,840
96-2000	720	23,060	10,000	960	5,900	2,740	6,900	2,940	4,760	79,200	137,160

ESTIMATES OF REGULAR-SEASON REDHEAD HARVESTS IN THE CENTRAL FLYWAY (Mail Questionnaire Survey)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1961	TR**	300	100	200	0	TR**	700	TR**	100	900	2,400
1962	0	100	400	0	0	0	300	TR**	200	200	1,200
1963	0	500	800	TR**	0	TR**	1,000	100	300	900	3,600
1964	100	7,000	6,000	300	1,000	200	2,300	100	3,500	12,200	32,800
1965	400	10,800	14,800	100	1,300	100	4,800	700	7,200	27,000	67,000
1966	100	13,600	13,300	500	2,900	800	6,400	400	5,700	30,600	74,200
1967	0	16,400	8,200	600	2,600	1,100	9,300	300	9,500	46,500	94,500
1968	TR**	4,800	1,900	0	1,000	200	3,700	TR**	400	3,700	15,800
1969	200	17,700	19,200	100	4,700	1,100	16,400	500	3,800	15,600	79,300
1970	TR**	13,500	7,200	700	4,400	2,200	11,500	300	6,200	27,900	74,000
1971	300	14,800	10,000	400	3,900	1,400	12,600	400	4,100	11,500	59,400
1972	200	1,900	3,400	0	600	700	1,400	TR**	1,900	3,100	13,100
1973	0	1,000	5,100	400	2,900	1,400	5,000	200	5,100	8,300	29,500
1974	100	3,100	2,900	200	1,900	2,000	9,900	800	5,500	7,900	34,300
1975	200	7,400	4,900	300	3,900	1,200	8,700	900	6,800	22,800	57,100
1976	900	6,200	5,700	1,800	5,700	4,000	11,500	600	5,800	14,600	56,800
1977	0	1,300	5,800	900	2,000	1,100	4,600	300	5,300	20,500	41,800
1978	300	8,500	18,300	200	5,500	500	5,600	400	4,700	14,600	58,600
1979	200	15,100	12,800	500	3,700	1,100	7,000	400	4,200	27,300	72,400
1980	100	3,700	6,900	700	3,200	1,800	1,800	400	2,400	16,200	37,400
1981	200	5,100	2,100	700	2,900	3,300	4,600	300	2,600	18,700	40,500
1982	200	6,200	2,500	400	2,800	800	2,900	600	4,000	21,300	41,800
1983	100	11,500	7,000	600	2,500	2,800	5,400	700	4,500	21,700	56,900
1984	200	5,500	9,500	900	3,200	2,900	4,300	300	6,200	25,400	58,500
1985	0	4,400	4,800	300	2,200	2,400	2,700	400	2,700	16,300	36,300
1986	TR**	7,500	5,200	200	1,800	1,900	2,700	300	2,000	17,900	39,500
1987	100	6,800	5,100	200	1,200	1,200	1,700	600	1,500	16,200	34,700
1988	0	1,200	1,500	200	1,000	800	300	100	500	6,000	11,700
1989	TR**	1,700	2,200	TR**	400	100	600	100	500	5,900	11,500
1990	100	1,400	1,600	200	500	400	400	100	500	9,200	14,400
1991	TR**	1,200	2,900	100	800	500	400	300	600	8,300	15,400
1992	0	1,800	2,400	100	1,000	300	1,300	100	1,000	3,700	11,700
1993	0	7,300	5,200	100	1,800	300	700	100	600	4,600	20,700
1994	400	12,000	3,800	700	1,600	2,300	1,900	100	1,400	16,700	40,900
1995	100	10,300	6,500	500	3,600	1,100	2,000	100	1,600	22,100	47,900
1996	400	13,500	5,700	200	4,200	2,800	5,500	TR**	3,900	60,300	96,600
1997	900	19,400	6,800	1,200	4,900	4,800	3,600	300	4,200	54,200	100,300
1998	1,000	14,100	3,800	800	3,900	3,700	6,500	900	3,900	79,100	117,700
1999	500	17,400	5,600	1,300	2,100	1,900	3,200	100	2,100	75,200	109,400
2000	400	14,700	6,200	800	3,000	900	3,400	200	2,500	40,900	73,100
2001	0	19,100	7,300	200	1,800	400	3,700	800	3,900	46,700	84,000
AVERAGES:											
61-65	125	3,740	4,420	150	460	100	1,820	300	2,260	8,240	21,400
66-70	100	13,200	9,960	380	3,120	1,080	9,460	375	5,120	24,860	67,560
71-75	160	5,640	5,260	260	2,640	1,340	7,520	575	4,680	10,720	38,680
76-80	300	6,960	9,900	820	4,020	1,700	6,100	420	4,480	18,640	53,400
81-85	140	6,540	5,180	580	2,720	2,440	3,980	460	4,000	20,680	46,800
86-90	67	3,720	3,120	200	980	880	1,140	240	1,000	11,040	22,360
91-95	125	6,520	4,160	300	1,760	900	1,260	140	1,040	11,080	27,320
96-2000	640	15,820	5,620	860	3,620	2,820	4,440	375	3,320	61,940	99,420

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ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE CENTRAL FLYWAY (Mail Questionnaire Survey)

YEAR	MT	ND	SD	WY	NE	CO	KS	NM	OK	TX	CF TOTAL
1961	0	0	0	0	0	0	0	0	0	300	300
1962	0	0	0	0	0	0	0	0	0	100	100
1963	0	TR**	TR**	0	0	0	0	0	0	200	300
1964	100	3,900	1,800	100	200	100	100	200	1,400	6,000	13,800
1965	100	6,600	6,500	TR**	0	300	500	100	400	8,100	22,700
1966	100	10,100	9,700	0	1,600	200	1,200	300	2,700	15,000	41,000
1967	0	4,600	3,000	0	1,600	0	2,200	300	1,300	9,000	22,100
1968	0	2,600	1,400	0	100	100	500	100	400	1,600	6,800
1969	0	6,200	5,200	100	600	200	1,000	100	3,400	14,400	31,300
1970	0	5,500	1,600	100	900	400	2,200	300	2,500	6,900	20,400
1971	100	4,300	1,800	0	500	400	1,300	100	1,100	4,700	14,200
1972	0	200	0	0	0	0	0	100	100	200	600
1973	0	400	400	100	300	100	100	200	1,900	3,900	7,300
1974	0	1,800	1,000	100	600	300	1,600	200	2,700	11,000	19,300
1975	0	1,900	800	200	600	200	1,700	900	1,800	7,900	15,900
1976	100	4,300	200	300	500	800	600	100	1,600	9,700	18,000
1977	200	100	1,200	0	200	400	900	100	1,900	5,900	10,800
1978	300	400	900	100	300	100	300	TR**	600	4,100	7,000
1979	200	3,000	2,500	100	700	100	900	500	1,100	8,400	17,300
1980	TR**	1,000	1,000	100	600	200	200	100	1,000	3,600	7,800
1981	100	300	100	0	400	100	400	200	600	2,600	4,900
1982	100	400	200	100	0	500	300	200	1,000	6,000	8,100
1983	100	5,700	900	0	800	100	200	200	100	6,300	14,200
1984	100	1,600	1,200	100	600	1,200	900	300	1,800	6,500	14,200
1985	700	2,500	1,100	100	700	400	700	300	800	3,200	10,400
1986	0	0	0	0	500	100	100	0	0	500	1,100
1987	0	200	0	100	0	100	0	100	100	300	800
1988	0	0	0	0	0	0	0	0	TR**	200	200
1989	0	100	0	0	0	0	0	0	0	200	300
1990	0	0	0	0	0	0	0	0	0	300	300
1991	0	0	0	0	100	0	0	0	TR**	200	400
1992	0	0	0	0	0	100	0	0	0	TR**	100
1993	0	TR**	0	0	0	0	0	0	TR**	200	300
1994	100	3,700	3,200	400	300	200	600	300	400	4,100	13,400
1995	500	6,000	3,300	0	800	1,100	800	100	500	6,800	19,900
1996	200	4,600	2,500	300	1,300	200	200	TR**	2,600	6,100	18,200
1997	200	6,400	1,900	100	900	100	400	200	1,500	11,500	23,300
1998	700	3,400	1,600	100	1,000	1,700	1,500	TR**	2,500	9,600	22,200
1999	500	6,400	1,000	100	600	100	900	200	1,100	11,000	21,700
2000	200	6,800	1,700	0	0	200	100	TR**	1,100	15,400	25,500
2001	200	8,300	200	100	200	200	800	0	200	4,900	15,100
AVERAGES:											
61-65	40	2,625	2,075	25	40	80	120	60	360	2,940	7,440
66-70	20	5,800	4,180	40	960	180	1,420	220	2,060	9,380	24,320
71-75	20	1,720	800	80	400	200	940	300	1,520	5,540	11,460
76-80	200	1,760	1,160	120	460	320	580	200	1,240	6,340	12,180
81-85	220	2,100	700	60	500	460	500	240	720	4,920	10,360
86-90	0	60	0	20	100	40	0	20	25	300	540
91-95	120	2,425	1,300	80	240	280	280	80	300	2,825	6,820
96-2000	360	5,520	1,740	120	760	460	620	200	1,760	10,720	22,180

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MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF ALL-DUCK HARVESTS IN THE PACIFIC FLYWAY

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	Pf TOTAL
1961	406,600	199,500	194,400	54,800	1,047,800	23,000	119,900	9,800	19,800				2,065,800
1962	377,200	234,100	162,100	33,100	8,900	962,200	25,200	114,300	8,900	19,300	1,400		1,947,600
1963	465,700	294,000	243,600	61,700	9,300	1,460,000	55,500	236,400	13,700	26,700	5,600		2,832,200
1964	442,700	232,500	250,200	44,000	9,600	1,247,300	73,400	166,200	20,300	40,800	2,700		2,529,700
1965	512,800	247,700	188,400	103,200	7,600	1,460,300	74,200	264,200	13,500	34,000	8,300		2,914,200
1966	537,800	363,100	246,500	161,000	11,100	1,743,200	98,400	284,000	23,500	48,200	4,600		3,570,000
1967	524,600	396,200	346,900	142,900	8,800	2,455,200	108,500	325,700	28,700	69,900	5,200		4,438,100
1968	547,300	343,200	235,300	96,900	10,900	1,333,400	98,400	290,200	16,800	48,200	5,200		3,095,000
1969	520,700	404,400	276,900	157,600	14,100	2,215,800	110,600	269,300	19,700	81,700	3,600		4,108,100
1970	575,800	422,500	279,400	129,200	16,000	2,461,500	121,100	318,400	21,600	76,700	6,300		4,480,100
1971	491,000	372,400	316,100	122,500	8,400	2,075,000	119,700	338,800	32,200	98,000	6,800		4,049,000
1972	541,100	401,800	341,700	135,300	11,100	1,991,000	87,200	229,400	27,200	98,500	7,600		3,964,200
1973	550,900	348,000	268,800	96,600	10,100	1,451,000	86,000	339,900	24,400	41,400	5,000		3,305,800
1974	483,600	280,800	331,300	101,400	10,500	1,923,000	77,600	274,300	28,200	85,400	7,000		3,656,600
1975	533,600	452,300	315,600	131,000	12,000	1,959,600	127,100	389,400	26,000	73,400	5,000		4,091,400
1976	549,300	469,700	320,300	160,300	14,900	2,080,600	101,400	340,900	29,500	74,300	9,500		4,256,200
1977	569,400	361,800	223,500	139,600	10,000	1,373,500	76,900	242,300	27,600	55,500	4,600		3,192,900
1978	577,900	505,700	331,100	143,700	15,700	1,857,200	88,500	337,700	43,900	62,700	11,300		4,099,500
1979	471,000	400,000	220,600	134,900	14,900	1,662,300	74,200	283,200	29,800	62,400	7,400		3,475,500
1980	531,100	361,800	250,800	118,200	9,900	1,401,800	85,500	342,700	26,800	64,300	4,900		3,309,800
1981	432,700	307,200	317,800	110,500	10,800	1,140,300	80,700	225,000	25,800	40,800	6,700		2,774,000
1982	350,700	286,000	285,100	108,800	12,100	1,353,100	77,300	334,200	36,300	51,500	5,500		2,986,200
1983	467,300	376,300	282,900	114,100	12,400	1,287,000	113,100	311,500	32,300	60,900	7,800		3,157,700
1984	443,500	319,400	225,000	80,100	12,900	1,005,900	100,100	213,500	26,500	44,900	6,900		2,568,000
1985	377,300	289,600	217,000	79,100	6,900	1,027,000	52,100	157,300	25,700	45,900	5,700		2,357,700
1986	349,400	270,800	169,600	78,900	12,100	990,200	51,800	156,200	24,900	45,200	3,400		2,251,500
1987	303,100	245,700	157,000	73,200	9,300	1,083,000	59,100	98,200	22,700	66,900	3,700		2,202,800
1988	239,900	200,400	113,000	30,900	9,200	517,100	33,600	59,100	13,400	30,400	1,900		1,327,400
1989	239,000	180,400	119,600	40,800	7,500	723,300	32,500	77,800	21,600	31,100	1,700		1,544,800
1990	269,200	220,900	96,700	39,800	3,600	671,000	30,200	92,200	15,900	31,400	800		1,549,900
1991	241,800	160,200	117,900	41,000	5,400	653,900	16,700	98,700	15,600	22,700	3,300		1,434,300
1992	248,900	180,000	126,600	44,900	4,400	708,100	24,400	89,300	15,800	21,200	2,200		1,530,200
1993	204,100	253,800	153,200	51,600	3,200	849,600	35,800	129,700	19,900	13,600	3,800		1,768,300
1994	320,500	236,500	146,200	37,300	8,500	852,200	74,300	177,400	20,800	26,600	5,900		1,952,000
1995	372,300	326,300	214,300	57,600	13,100	1,201,600	80,800	207,700	38,300	29,900	5,900		2,611,700
1996	420,200	352,700	263,200	84,300	12,500	1,457,000	66,200	281,600	37,300	40,000	7,500		3,101,500
1997	459,900	433,200	269,000	103,600	21,300	1,374,800	89,900	351,600	28,700	33,400	3,800		3,267,400
1998	468,800	386,200	282,100	120,200	7,700	1,655,500	106,200	366,300	33,100	49,200	2,100		3,570,100
1999	404,400	307,900	239,800	109,400	8,400	1,180,100	96,600	238,000	54,900	49,500	3,400		2,763,700
2000	403,100	304,800	176,500	84,400	2,600	993,500	36,700	187,900	16,100	58,000	9,100		2,343,300
2001	340,600	275,900	198,600	95,000	5,900	948,600	33,800	20,900	27,100	42,700	2,600		2,053,600
AVERAGES:													
61-65	441,000	233,560	207,740	59,360	8,850	1,235,520	50,260	180,200	14,325	28,120	4,500		2,457,900
66-70	541,240	377,880	277,000	137,520	12,180	2,039,820	107,400	295,520	22,060	64,940	4,980		3,938,260
71-75	520,040	371,060	314,700	117,360	10,420	1,879,920	99,520	314,360	27,600	79,340	6,280		3,813,400
76-80	539,740	419,800	269,260	139,340	13,080	1,675,080	85,300	309,360	31,520	63,840	7,540		3,666,780
81-85	414,300	315,700	265,560	98,520	11,020	1,162,660	84,660	248,300	29,320	48,800	6,520		2,768,720
86-90	280,120	223,640	131,180	52,720	8,340	796,920	41,440	96,700	19,700	41,000	2,300		1,775,280
91-95	277,520	231,360	151,640	46,480	6,920	853,080	46,400	140,560	22,080	22,800	4,220		1,859,300
96-2000	431,280	356,960	246,120	100,380	10,500	1,332,180	79,120	285,080	34,020	46,020	5,180		3,009,200

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF MALLARD HARVESTS IN THE PACIFIC FLYWAY

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PF TOTAL
1961	210,800	85,000	138,800	44,400	197,000	8,900	35,200		9,300	2,300			722,400
1962	176,800	90,500	121,400	27,400	167,000	9,300	32,800		9,300	4,200	1,100		647,900
1963	228,600	88,800	185,400	49,100	267,500	22,200	76,500		12,000	4,700	3,000		945,300
1964	262,600	96,800	200,800	35,600	249,000	28,600	58,300		16,400	5,700	1,600		963,600
1965	298,000	93,300	150,700	77,800	295,000	25,100	64,400		11,300	3,500	5,300		1,030,500
1966	299,700	131,200	195,100	114,100	288,400	31,900	74,000		18,600	9,100	2,500	12,400	1,186,300
1967	295,500	149,900	238,600	106,400	446,000	30,300	85,600		22,000	10,000	1,900	19,500	1,413,400
1968	265,400	126,900	180,100	55,500	236,200	34,300	84,900		13,300	5,800	1,700	17,000	1,029,600
1969	243,800	156,500	202,400	107,300	331,700	25,400	65,000		17,100	13,400	2,200	12,400	1,187,700
1970	310,700	171,100	203,600	95,600	371,000	39,500	102,500		17,600	10,500	2,400	20,000	1,357,900
1971	298,300	123,500	251,100	90,700	313,400	36,000	107,000		22,700	14,500	1,200	22,600	1,287,000
1972	316,700	182,500	267,200	76,700	321,800	25,000	81,900		17,600	12,900	2,100	24,600	1,337,500
1973	350,900	149,500	216,000	68,500	219,400	24,000	85,400		21,200	8,000	2,100	23,500	1,175,800
1974	300,900	130,100	254,900	68,300	292,300	19,500	63,900		20,000	9,300	1,600	15,300	1,181,900
1975	277,500	146,200	230,700	79,200	293,100	28,200	69,500		19,800	6,100	2,200	16,100	1,175,000
1976	276,000	182,500	228,200	93,900	305,600	29,100	71,100		20,800	10,900	3,000	33,500	1,259,800
1977	283,500	137,200	141,000	90,500	229,700	16,100	57,100		19,200	5,700	1,700	32,200	1,020,100
1978	312,600	164,600	221,000	77,400	294,300	26,000	112,500		32,600	10,000	4,300	40,800	1,306,300
1979	274,800	143,100	159,500	83,000	260,700	23,800	78,300		17,200	12,500	2,400	42,000	1,107,700
1980	283,000	131,100	183,500	63,500	238,600	24,000	111,300		21,000	17,000	1,500	31,400	1,113,000
1981	249,200	117,100	252,500	60,600	239,000	26,200	69,900		19,000	8,300	1,700	22,900	1,074,500
1982	201,300	132,200	202,700	65,700	284,200	19,400	92,300		27,100	12,100	3,700	29,000	1,076,100
1983	287,000	174,900	218,800	68,400	298,600	39,900	72,000		24,900	15,700	3,700	27,500	1,239,000
1984	241,900	141,100	152,000	50,400	265,100	35,800	74,400		20,800	11,000	3,300	27,200	1,030,200
1985	227,500	129,900	168,100	53,000	261,800	17,300	64,600		18,200	10,900	1,900	20,100	978,000
1986	219,200	133,600	113,600	51,900	257,600	15,400	46,200		15,700	9,700	1,900	29,300	900,200
1987	185,500	101,400	117,900	53,300	228,400	22,200	46,600		17,100	13,100	1,100	25,000	818,000
1988	141,100	83,200	82,200	24,700	140,700	11,200	25,700		9,900	7,500	700	25,600	558,600
1989	143,500	80,200	92,400	26,100	175,200	10,900	27,400		14,700	6,700	1,000	22,900	605,100
1990	161,400	100,600	73,100	27,200	179,700	11,600	29,200		9,200	8,000	500	32,500	635,100
1991	149,400	69,500	82,300	28,000	161,300	6,300	34,200		11,800	5,800	1,600	20,300	573,900
1992	155,000	93,500	99,900	32,600	182,700	11,400	33,700		11,100	6,400	1,200	21,200	651,400
1993	124,100	113,700	109,600	36,800	228,400	15,600	37,500		15,400	3,300	1,900	18,200	707,100
1994	188,700	111,600	105,600	24,000	197,400	33,800	51,600		13,400	9,000	2,300	14,100	757,400
1995	207,800	137,800	155,300	38,500	258,800	25,400	71,600		27,200	13,300	2,800	19,700	965,800
1996	214,100	174,100	186,900	54,700	372,600	27,600	111,400		26,100	12,100	2,400	27,000	1,215,800
1997	237,500	189,800	178,500	73,300	310,500	19,200	109,100		20,800	8,600	400	33,100	1,192,900
1998	270,000	212,800	196,400	94,600	449,700	38,800	130,600		21,100	8,300	800	31,300	1,458,400
1999	239,800	152,300	183,800	83,000	303,300	33,600	71,300		41,800	12,600	1,800	21,800	1,150,500
2000	253,600	151,500	129,600	64,900	317,700	11,400	60,800		10,600	17,300	5,800	18,200	1,043,300
2001	205,800	130,900	152,100	74,900	270,700	12,100	87,700		21,300	15,100	1,400	23,600	999,400
AVERAGES:													
61-65	235,360	90,880	159,420	46,860	235,100	18,820	53,440		12,250	4,080	2,750	16,260	861,940
66-70	283,020	147,120	203,960	95,780	334,660	32,280	82,400		17,720	9,760	2,140	16,260	1,234,980
71-75	308,860	146,360	243,980	76,680	288,000	26,540	81,540		20,260	10,160	1,840	20,420	1,231,440
76-80	285,980	151,700	186,640	81,660	265,780	23,800	86,060		22,160	11,220	2,580	35,980	1,161,380
81-85	241,380	139,040	198,820	59,620	269,740	27,720	74,640		22,000	11,600	2,860	25,340	1,079,560
86-90	170,140	99,800	95,840	36,640	196,320	14,260	35,020		13,320	9,000	1,040	27,060	703,400
91-95	165,000	105,220	110,540	31,980	205,720	18,500	45,720		15,780	7,560	1,960	18,700	731,120
96-2000	243,000	176,100	175,040	74,100	350,760	26,120	96,640		24,080	11,780	2,240	26,280	1,212,180

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF PINTAIL HARVESTS IN THE PACIFIC FLYWAY

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PFTOTAL
1961	35,700	15,900	9,800	2,400	299,300	1,700	15,200			2,300			382,300
1962	43,600	33,100	7,200	800	285,300	2,700	27,100		0	3,000			402,900
1963	46,800	41,700	10,900	1,900	415,700	5,400	49,400		200	2,600	0		574,900
1964	37,400	35,000	6,000	1,500	342,000	9,300	26,200		400	4,400	TR**		462,400
1965	38,100	39,800	5,100	2,900	TR**	373,000	12,300	60,500	0	7,700	200		539,600
1966	44,800	54,100	10,900	6,700	100	563,000	12,500	61,000	100	5,600	100	10,500	769,400
1967	42,200	42,700	17,400	5,700	100	798,500	24,800	81,000	500	11,500	200	11,300	1,036,200
1968	45,300	44,400	11,000	6,200	500	381,100	12,500	58,700	200	7,400	400	17,200	584,900
1969	52,400	66,300	5,300	4,700	300	900,500	18,100	55,100	200	10,400	100	7,200	1,120,700
1970	52,100	64,300	18,000	4,300	700	1,032,900	26,400	69,300	100	13,800	300	12,600	1,294,900
1971	40,700	49,100	13,900	8,500	900	752,100	20,700	57,400	500	15,600	400	15,400	975,400
1972	54,700	60,800	19,000	12,800	300	715,300	21,300	38,500	400	18,000	900	25,400	967,300
1973	49,600	59,300	13,000	6,300	300	477,000	19,700	81,900	300	8,100	400	23,600	739,600
1974	45,500	52,600	14,200	5,300	300	712,400	12,000	67,800	300	17,700	200	8,900	937,300
1975	54,200	90,600	16,900	7,300	300	746,900	28,400	88,800	600	11,400	200	14,800	1,060,300
1976	45,900	79,700	17,400	7,100	200	680,600	13,200	72,800	700	10,300	300	22,200	950,300
1977	61,700	46,200	10,600	7,500	500	350,800	12,700	42,200	100	8,400	TR**	26,900	567,700
1978	65,400	85,000	15,800	13,600	300	596,000	14,000	52,200	700	8,500	100	18,900	870,500
1979	31,800	53,100	8,300	8,200	400	641,500	11,200	65,000	1,100	8,100	600	16,300	845,600
1980	52,900	49,700	8,900	8,100	200	410,000	17,500	78,000	400	7,500	100	23,900	657,200
1981	27,700	43,400	10,000	6,200	200	261,000	9,900	41,000	300	3,900	200	18,100	422,000
1982	22,300	21,000	9,000	5,400	300	327,900	13,400	61,600	700	6,000	0	11,800	479,300
1983	30,400	37,700	7,200	4,300	200	334,300	12,800	33,100	200	4,600	200	13,200	478,300
1984	32,400	34,000	9,400	3,200	500	194,900	12,200	19,500	300	5,600	300	16,500	329,000
1985	24,100	37,600	7,700	2,600	100	200,300	5,800	11,300	500	2,500	300	13,300	306,100
1986	20,900	23,600	5,900	3,400	300	194,500	6,200	16,800	600	2,600	100	13,100	288,000
1987	17,800	18,100	6,500	2,500	200	243,800	5,200	9,900	100	7,300	0	10,600	322,000
1988	14,400	16,400	4,100	600	200	70,700	1,600	5,900	200	2,100	100	10,500	126,800
1989	13,100	16,900	3,300	1,400	100	91,600	2,400	8,000	100	2,400	100	11,100	150,600
1990	15,600	21,200	1,700	1,300	100	80,300	1,800	8,300	200	2,700	0	10,300	143,400
1991	14,000	14,700	3,300	1,800	200	81,300	1,000	8,200	200	1,600	200	6,500	132,900
1992	13,100	15,200	2,700	1,400	100	75,000	700	6,800	200	1,100	100	10,600	126,900
1993	8,900	20,600	3,400	1,200	TR**	90,500	1,800	13,200	300	1,000	TR**	5,000	145,900
1994	16,000	17,100	3,300	1,100	100	91,900	3,100	15,700	400	1,500	100	5,100	155,500
1995	19,500	27,200	6,200	1,900	400	258,800	10,500	28,700	500	1,600	0	8,800	364,100
1996	19,700	26,300	7,500	1,800	400	181,200	6,200	35,700	400	1,600	0	13,600	294,400
1997	35,100	37,900	5,700	2,500	300	187,100	9,900	57,500	100	2,000	200	10,300	348,600
1998	23,300	21,900	9,000	1,900	100	145,400	5,700	27,700	600	1,700	TR**	13,000	250,300
1999	20,300	19,100	4,300	1,200	300	119,200	7,800	18,500	500	800	0	10,300	202,300
2000	24,600	21,100	4,600	1,400	100	85,500	2,500	17,000	100	2,400	0	16,900	176,100
2001	12,500	16,100	3,900	1,200	300	79,600	2,000	15,000	100	2,600	100	9,300	142,600
AVERAGES:													
61-65	40,320	33,100	7,800	1,900	133	343,060	6,280	35,680	150	4,000	133		472,420
66-70	47,360	54,360	12,520	5,520	340	735,200	18,860	65,060	220	9,740	220	11,760	961,220
71-75	48,940	62,480	15,400	8,040	420	680,740	20,420	66,880	420	14,160	420	17,620	935,980
76-80	51,540	62,740	12,200	8,900	320	535,780	13,720	62,040	600	8,560	275	21,640	778,260
81-85	27,380	34,740	8,660	4,340	260	263,680	10,820	33,300	400	4,520	200	14,580	402,940
86-90	16,360	19,240	4,300	1,840	180	136,180	3,440	9,780	240	3,420	60	11,120	206,160
91-95	14,300	18,960	3,780	1,480	200	119,500	3,420	14,520	320	1,360	100	7,200	185,060
96-2000	24,600	25,260	6,220	1,760	240	143,680	6,420	31,280	340	1,700	50	12,820	254,340

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF REDHEAD HARVESTS IN THE PACIFIC FLYWAY

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PFTOTAL
1961	800	100	1,600	200		800	100	300		0			3,900
1962	400	400	1,200	100	0	1,000	300	500	0	400	0		4,300
1963	300	800	1,500	200	TR**	4,300	500	700	0	100	TR**		8,400
1964	1,700	2,300	1,700	600	0	7,800	3,000	9,100	200	1,500	0		27,900
1965	2,900	1,800	600	1,000	TR**	10,600	4,000	16,500	0	2,300	200	0	39,800
1966	1,400	2,200	400	2,200	0	8,600	3,600	6,600	TR**	2,400	TR**	0	27,300
1967	1,800	1,700	5,000	1,300	0	9,800	4,100	11,400	0	2,100	100	0	37,400
1968	1,900	1,300	1,700	400	0	5,500	1,600	5,800	100	1,600	0	TR**	20,000
1969	2,600	1,300	600	600	1,000	6,000	8,200	13,500	100	4,300	0	0	38,200
1970	1,100	3,700	3,600	100	0	12,900	3,600	10,000	200	4,000	200	TR**	39,500
1971	4,000	5,800	4,600	800	100	13,200	5,900	14,100	300	5,800	TR**	0	54,600
1972	1,900	2,900	1,300	1,400	0	5,800	800	6,800	100	7,500	0	0	28,500
1973	400	3,200	2,000	400	0	9,500	2,200	11,500	0	1,700	0	0	31,100
1974	5,200	1,100	900	1,000	0	8,900	1,800	5,100	0	2,400	100	0	26,300
1975	6,700	3,400	3,000	1,700	200	5,400	4,500	13,600	100	2,800	300	TR**	41,500
1976	2,700	2,500	2,900	2,100	0	6,600	3,700	17,300	200	3,400	200	0	41,700
1977	900	1,600	1,500	1,200	0	7,100	1,700	10,600	100	1,900	100	200	26,900
1978	2,500	2,700	2,200	1,600	200	8,200	3,800	14,000	100	1,600	100	100	37,200
1979	1,900	1,700	700	400	400	6,600	3,800	8,000	0	2,700	0	600	26,600
1980	3,500	300	2,100	2,000	100	10,800	7,000	12,900	200	2,800	600	300	42,600
1981	3,400	900	900	1,800	100	7,900	3,400	6,200	500	2,200	300	400	27,800
1982	2,600	1,500	2,600	2,200	100	10,900	6,300	23,400	100	2,400	100	100	52,300
1983	3,700	2,300	2,500	1,500	100	14,800	6,300	11,200	0	2,000	TR**	300	44,900
1984	1,700	2,000	2,800	1,100	100	6,600	2,800	7,800	300	1,700	0	300	27,100
1985	500	1,200	1,400	1,500	200	6,700	1,400	1,900	100	1,300	100	900	17,300
1986	2,200	500	1,200	500	TR**	4,400	900	4,900	100	600	0	100	15,500
1987	800	1,000	600	600	TR**	5,300	700	1,300	200	900	TR**	TR**	11,400
1988	500	400	1,600	0	0	2,300	200	700	100	400	0	100	6,300
1989	700	300	500	300	200	4,600	400	1,800	0	200	0	100	9,100
1990	700	800	500	500	0	2,500	600	1,300	100	300	0	200	7,500
1991	700	100	400	300	0	1,800	400	2,300	0	200	0	300	6,300
1992	200	100	200	200	TR**	3,500	TR**	700	100	400	0	0	5,400
1993	800	800	400	200	TR**	5,600	700	1,700	100	300	0	100	10,700
1994	1,900	1,000	600	400	100	5,800	1,200	4,700	TR**	1,000	0	TR**	16,600
1995	4,600	1,200	1,400	700	400	9,000	4,500	2,200	0	800	TR**	0	24,800
1996	4,100	1,200	2,500	1,200	200	10,800	3,400	4,900	100	900	0	0	29,200
1997	5,700	2,400	3,800	1,900	100	11,700	7,300	7,600	0	600	0	0	41,100
1998	1,600	1,400	2,500	1,600	100	15,800	6,700	11,200	100	2,000	0	100	43,100
1999	1,100	1,100	300	700	0	4,900	2,000	3,900	0	1,900	0	0	15,900
2000	1,100	1,200	1,100	300	0	4,700	400	2,400	100	1,500	0	200	13,000
2001	3,700	100	200	400	0	5,000	200	2,400	0	0	0	0	12,000

AVERAGES:

61-65	1,220	1,080	1,320	420	0	4,900	1,580	5,420	50	860	67	0	16,860
66-70	1,760	2,040	2,260	920	200	8,560	4,220	9,460	100	2,880	75	0	32,480
71-75	3,640	3,280	2,360	1,060	60	8,560	3,040	10,220	100	4,040	100	0	36,400
76-80	2,300	1,760	1,880	1,460	140	7,860	4,000	12,560	120	2,480	200	240	35,000
81-85	2,380	1,580	2,040	1,620	120	9,380	4,040	10,100	200	1,920	125	400	33,880
86-90	980	600	880	380	67	3,820	560	2,000	100	480	0	125	9,960
91-95	1,640	640	600	360	167	5,140	1,700	2,320	50	540	0	100	12,760
96-2000	2,720	1,460	2,040	1,140	80	9,580	3,960	6,000	60	1,360	0	60	28,460

**Trace = fewer than 50

MAIL-QUESTIONNAIRE-SURVEY-DERIVED ESTIMATES OF CANVASBACK HARVESTS IN THE PACIFIC FLYWAY

YEAR	WA	OR	ID	MT	WY	CA	NV	UT	CO	AZ	NM	AK	PFTOTAL
1961	500	100	1,000	0	0	400	0	100	0	0	0	0	2,100
1962	300	0	100	0	0	0	0	0	0	0	0	0	400
1963	100	200	300	0	0	0	TR**	0	0	0	0	0	600
1964	500	1,400	600	0	0	9,200	500	1,100	0	400	TR**	0	13,700
1965	2,600	600	300	100	TR**	8,300	200	1,800	0	300	0	0	14,200
1966	4,400	7,800	900	100	100	39,900	3,300	8,400	0	1,700	200	200	67,000
1967	3,200	4,700	0	500	0	15,500	2,300	1,100	0	600	100	100	27,900
1968	1,200	2,700	0	100	0	10,500	800	1,900	0	700	100	TR**	18,000
1969	1,500	2,600	800	400	0	12,300	4,200	1,700	0	2,200	300	300	26,300
1970	3,600	12,200	0	300	0	26,900	5,300	5,100	0	1,600	300	500	55,800
1971	600	12,800	1,200	300	100	34,400	2,000	2,900	0	500	0	100	54,900
1972	0	800	0	0	100	900	100	200	0	0	0	300	2,400
1973	1,600	2,500	200	200	0	13,800	600	3,500	0	500	TR**	100	23,200
1974	1,400	900	1,300	800	0	27,100	1,800	4,300	0	1,000	100	400	39,200
1975	2,000	5,400	500	400	0	28,100	4,600	3,300	0	1,200	100	200	45,900
1976	3,600	2,600	1,400	1,600	100	34,200	2,500	4,700	0	1,200	0	400	52,200
1977	1,600	2,500	700	1,000	0	22,400	500	3,600	100	TR**	100	400	32,900
1978	2,400	6,300	300	1,700	100	14,100	2,400	3,100	0	700	100	300	31,400
1979	3,000	2,400	400	500	0	14,800	2,000	1,400	100	1,400	0	300	26,300
1980	4,300	3,900	800	1,000	0	10,300	900	1,500	0	400	0	600	23,800
1981	2,400	1,500	500	400	0	14,300	3,500	2,200	0	100	0	300	25,300
1982	1,800	1,600	500	100	0	10,600	2,400	2,700	0	100	0	100	19,900
1983	4,100	1,900	500	1,200	0	6,900	2,900	3,500	0	600	0	900	22,500
1984	1,000	2,600	1,900	400	0	12,200	2,600	4,300	0	400	100	600	26,200
1985	1,800	1,500	800	1,600	100	27,500	1,600	1,800	100	600	0	400	37,700
1986	1,800	1,000	400	200	0	16,300	800	1,400	0	100	0	300	22,400
1987	800	900	400	700	100	12,600	800	1,000	0	600	0	500	18,200
1988	200	0	0	0	0	100	0	100	0	0	0	200	600
1989	900	600	200	200	0	7,100	100	300	100	200	0	200	10,000
1990	900	900	200	400	0	4,100	200	300	0	100	TR**	300	7,400
1991	600	700	200	200	TR**	4,700	200	400	0	100	0	500	7,700
1992	400	800	300	100	0	8,800	200	200	100	200	0	200	11,400
1993	400	900	0	300	0	10,200	300	400	100	100	0	100	12,800
1994	1,400	1,200	300	400	100	14,400	300	1,000	100	600	0	200	20,200
1995	2,300	700	300	200	0	10,200	1,800	1,000	0	200	0	300	16,100
1996	3,300	500	600	400	TR**	12,700	1,400	1,600	100	800	0	700	22,200
1997	2,400	2,000	600	1,100	0	17,000	1,000	900	0	700	0	400	26,100
1998	800	1,000	700	500	0	21,300	900	1,000	100	800	0	300	27,300
1999	1,400	1,400	0	700	0	13,300	700	1,300	0	400	0	0	19,200
2000	700	1,700	300	500	TR**	10,600	200	2,700	0	900	0	200	17,800
2001	700	500	0	100	0	6,000	TR**	1,200	0	200	0	0	8,800
AVERAGES:													
61-65	800	460	460	20	0	3,580	175	600	0	140	0	0	6,200
66-70	2,780	6,000	340	280	20	21,020	3,180	3,640	0	1,360	200	275	39,000
71-75	1,120	4,480	640	340	40	20,860	1,820	2,840	0	640	50	220	33,120
76-80	2,980	3,540	720	1,160	40	19,160	1,660	2,860	40	925	40	400	33,320
81-85	2,220	1,820	840	740	20	14,300	2,600	2,900	20	360	20	460	26,320
86-90	920	680	240	300	20	8,040	380	620	20	200	0	300	11,720
91-95	1,020	860	220	240	25	9,660	560	420	60	240	0	260	13,640
96-2000	1,720	1,320	440	640	0	14,980	840	1,500	40	720	0	320	22,520

** - TRace = Fewer than 50

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CANV

Revision

MSDR/RV

07/10/03

ESTIMATES OF REGULAR-SEASON ALL-DUCK HARVESTS IN THE UNITED STATES

YEAR	AF	MF	CF	P F			US TOTAL
				LWR STS	AK	TOTAL	
1961	737,800	1,746,700	788,300	2,065,900		2,065,900	5,338,700
1962	742,000	1,129,200	428,000	1,947,700		1,947,700	4,246,900
1963	905,000	2,505,300	1,002,400	2,832,100		2,832,100	7,244,800
1964	993,700	3,536,800	1,308,000	2,529,700		2,529,700	8,368,200
1965	1,021,400	3,311,400	1,079,300	2,914,200		2,914,200	8,326,300
1966	1,400,500	4,721,400	1,959,800	3,521,300	48,700	3,570,000	11,651,700
1967	1,331,200	4,506,400	2,027,700	4,372,700	65,500	4,438,200	12,303,500
1968	1,372,000	2,383,600	1,222,400	3,025,800	69,200	3,095,000	8,073,000
1969	1,802,300	4,278,100	2,402,200	4,064,400	43,800	4,108,200	12,590,800
1970	1,980,000	6,175,700	2,830,700	4,418,500	61,600	4,480,100	15,466,500
1971	1,720,100	5,207,100	2,703,400	3,981,100	67,900	4,049,000	13,679,600
1972	1,644,600	4,836,200	2,876,200	3,871,800	92,300	3,964,100	13,321,100
1973	1,547,200	4,421,400	2,363,400	3,222,000	83,700	3,305,700	11,637,700
1974	1,732,700	5,058,500	2,105,500	3,603,000	53,600	3,656,600	12,553,300
1975	1,858,100	6,387,700	2,796,800	4,025,000	66,400	4,091,400	15,134,000
1976	2,093,400	5,843,500	2,682,700	4,150,800	105,400	4,256,200	14,875,800
1977	1,881,900	5,794,200	2,336,600	3,084,500	108,300	3,192,800	13,205,500
1978	1,945,900	6,115,000	2,856,900	3,975,400	124,100	4,099,500	15,017,300
1979	1,849,500	6,197,200	2,587,700	3,360,700	114,800	3,475,500	14,109,900
1980	1,936,300	5,712,000	2,014,400	3,197,800	112,000	3,309,800	12,972,500
1981	1,889,900	5,286,100	1,957,900	2,698,300	75,700	2,774,000	11,907,900
1982	1,608,600	4,715,100	2,135,500	2,900,700	85,500	2,986,200	11,445,400
1983	1,669,800	5,580,800	2,059,700	3,065,500	92,200	3,157,700	12,468,000
1984	1,810,400	5,526,000	2,218,300	2,478,600	89,400	2,568,000	12,122,700
1985	1,400,600	3,965,700	1,421,800	2,283,600	74,100	2,357,700	9,145,800
1986	1,412,600	3,982,300	1,512,700	2,152,600	98,900	2,251,500	9,159,100
1987	1,388,600	3,605,000	1,643,300	2,121,900	80,900	2,202,800	8,839,700
1988	1,001,200	1,934,800	748,500	1,248,900	78,600	1,327,500	5,012,000
1989	1,156,900	2,597,300	918,700	1,475,300	69,600	1,544,900	6,217,800
1990	1,086,400	2,609,700	910,000	1,471,800	78,100	1,549,900	6,156,000
1991	1,183,000	2,835,300	753,400	1,377,200	57,100	1,434,300	6,206,000
1992	1,009,800	2,883,500	834,000	1,461,800	64,400	1,526,200	6,270,800
1993	1,105,100	2,958,200	972,500	1,718,100	50,200	1,768,300	6,804,100
1994	1,151,000	3,798,200	1,388,700	1,906,200	45,800	1,952,000	8,289,800
1995	1,722,400	6,188,900	1,951,800	2,547,700	63,900	2,611,700	12,474,800
1996	1,559,100	6,401,100	2,240,400	3,022,400	79,100	3,101,500	13,302,200
1997	1,853,200	7,443,400	2,833,300	3,169,300	98,100	3,267,400	15,397,300
1998	1,946,500	7,677,200	3,207,200	3,477,400	92,800	3,570,100	16,401,000
1999	1,972,500	7,892,100	2,693,300	2,692,600	71,000	2,763,700	15,321,500
2000	1,819,300	7,335,800	3,107,900	2,362,600	70,600	2,343,300	14,606,300
2001	1,576,200	6,264,800	3,241,300	2,171,700	61,900	2,233,600	13,315,800
AVERAGES:							
61-65	879,980	2,445,880	921,200	2,457,920		2,457,920	6,704,980
66-70	1,577,200	4,413,040	2,088,560	3,880,540	57,760	3,938,300	12,017,100
71-75	1,700,540	5,182,180	2,569,060	3,740,580	72,780	3,813,360	13,265,140
76-80	1,941,400	5,932,380	2,495,660	3,553,840	112,920	3,666,760	14,036,200
81-85	1,675,860	5,014,740	1,958,640	2,685,340	83,380	2,768,720	11,417,960
86-90	1,209,140	2,945,820	1,146,640	1,694,100	81,220	1,775,320	7,076,920
91-95	1,234,260	3,732,820	1,180,080	1,802,200	56,280	1,858,500	8,009,100
96-2000	1,830,120	7,349,920	2,816,420	2,944,860	82,320	3,009,200	15,005,660

ESTIMATES OF REGULAR-SEASON MALLARD HARVESTS IN THE UNITED STATES

YEAR	AF	MF	CF	P F			US TOTAL
				LWR STS	AK	TOTAL	
1961	105,000	866,900	409,000	722,400		722,400	2,103,300
1962	116,000	437,700	190,500	647,900		647,900	1,392,100
1963	137,100	926,300	404,500	945,300		945,300	2,413,200
1964	163,000	1,321,000	510,100	963,500		963,500	2,957,600
1965	160,800	919,200	318,000	1,030,500		1,030,500	2,428,500
1966	223,100	1,650,000	687,400	1,174,000	12,400	1,186,400	3,746,900
1967	231,300	1,732,300	807,800	1,393,900	19,500	1,413,400	4,184,800
1968	257,800	830,900	546,200	1,012,600	17,000	1,029,600	2,664,500
1969	330,400	1,431,600	802,500	1,175,300	12,400	1,187,700	3,752,200
1970	356,200	2,529,500	1,055,200	1,337,900	20,000	1,357,900	5,298,800
1971	339,100	2,163,700	1,231,800	1,264,400	22,600	1,287,000	5,021,600
1972	358,000	1,950,100	1,255,400	1,312,900	24,600	1,337,500	4,901,000
1973	335,800	1,687,900	1,007,000	1,152,300	23,500	1,175,800	4,206,500
1974	383,600	2,244,900	809,500	1,166,700	15,300	1,182,000	4,620,000
1975	409,300	2,518,200	934,900	1,159,000	16,100	1,175,100	5,037,500
1976	478,400	2,409,600	975,700	1,226,400	33,500	1,259,900	5,123,600
1977	388,100	2,270,200	789,500	987,900	32,200	1,020,100	4,467,900
1978	442,400	2,257,100	1,059,800	1,265,600	40,800	1,306,400	5,065,700
1979	437,800	2,346,100	923,100	1,065,700	42,000	1,107,700	4,814,700
1980	435,000	2,347,400	786,800	1,081,600	31,400	1,113,000	4,682,200
1981	444,600	2,062,100	784,400	1,051,600	22,900	1,074,500	4,365,600
1982	396,000	1,781,500	683,100	1,047,100	29,000	1,076,100	3,936,700
1983	417,400	2,017,900	772,600	1,211,500	27,500	1,239,000	4,446,900
1984	382,700	1,796,200	742,800	1,002,900	27,200	1,030,100	3,951,800
1985	319,900	1,532,900	510,800	957,900	20,100	978,000	3,341,600
1986	362,600	1,550,000	586,500	870,900	29,300	900,200	3,399,300
1987	340,400	1,458,700	612,500	793,000	25,000	818,000	3,229,600
1988	257,100	874,600	324,700	533,000	25,600	558,600	2,015,000
1989	321,500	1,094,700	335,200	582,200	22,900	605,100	2,356,500
1990	266,800	1,091,100	327,000	602,500	32,500	635,000	2,319,900
1991	317,700	1,189,700	293,700	553,600	20,300	573,900	2,375,000
1992	294,200	1,249,400	371,000	630,200	21,200	651,400	2,566,000
1993	313,600	1,336,800	395,700	688,900	18,200	707,100	2,753,300
1994	328,500	1,524,100	517,100	743,400	14,100	757,400	3,127,100
1995	424,000	2,342,600	711,700	946,000	19,700	965,800	4,444,000
1996	407,200	2,483,700	782,800	1,188,800	27,000	1,215,800	4,889,500
1997	478,200	2,848,400	913,200	1,159,800	33,100	1,192,900	5,432,800
1998	440,700	2,760,800	980,200	1,427,100	31,300	1,458,400	5,640,000
1999	439,200	3,082,400	914,600	1,128,700	21,800	1,150,500	5,586,600
2000	499,000	3,041,200	1,112,600	1,025,100	18,200	1,043,300	5,696,100
2001	399,400	2,500,200	1,303,600	975,800	23,600	999,400	5,202,600
AVERAGES:							
61-65	136,380	894,220	366,420	861,920		861,920	2,258,940
66-70	279,760	1,634,860	779,820	1,218,740	16,260	1,235,000	3,929,440
71-75	365,160	2,112,960	1,047,720	1,211,060	20,420	1,231,480	4,757,320
76-80	436,340	2,326,080	906,980	1,125,440	35,980	1,161,420	4,830,820
81-85	392,120	1,838,120	698,740	1,054,200	25,340	1,079,540	4,008,520
86-90	309,680	1,213,820	437,180	676,320	27,060	703,380	2,664,060
91-95	335,600	1,528,520	457,840	712,420	18,700	731,120	3,053,080
96-2000	452,860	2,843,300	940,680	1,185,900	26,280	1,212,180	5,449,000

ESTIMATES OF REGULAR-SEASON PINTAIL HARVESTS IN THE UNITED STATES

YEAR	AF	MF	CF	P F			US TOTAL
				LWR STS	AK	TOTAL	
1961	16,100	70,000	49,500	382,200		382,200	517,800
1962	17,500	51,300	46,300	402,800		402,800	517,900
1963	25,600	109,000	101,000	574,900		574,900	810,500
1964	23,900	173,600	130,000	462,300		462,300	789,800
1965	19,400	113,800	81,500	539,600		539,600	754,300
1966	27,600	220,600	178,300	758,900	10,500	769,400	1,195,900
1967	28,000	214,900	174,700	1,024,800	11,300	1,036,100	1,453,700
1968	26,400	100,700	92,700	567,700	17,200	584,900	804,700
1969	42,400	195,000	175,700	1,113,500	7,200	1,120,700	1,533,800
1970	46,400	272,900	292,700	1,282,300	12,600	1,294,900	1,906,900
1971	25,100	135,700	154,700	960,000	15,400	975,400	1,290,900
1972	24,500	136,700	164,600	941,900	25,400	967,300	1,293,100
1973	27,700	139,400	154,300	716,100	23,600	739,700	1,061,100
1974	34,700	123,000	162,500	928,400	8,900	937,300	1,257,500
1975	41,100	206,500	273,500	1,045,500	14,800	1,060,300	1,581,400
1976	42,400	157,100	194,800	928,100	22,200	950,300	1,344,600
1977	50,600	213,600	179,900	540,800	26,900	567,700	1,011,800
1978	35,700	210,500	239,400	851,700	18,900	870,600	1,356,200
1979	48,500	213,600	228,800	829,300	16,300	845,600	1,336,500
1980	38,900	215,800	193,100	633,300	23,900	657,200	1,105,000
1981	27,800	207,900	151,000	403,900	18,100	422,000	808,700
1982	38,600	126,600	158,700	467,600	11,800	479,400	803,300
1983	18,400	187,300	138,900	465,100	13,200	478,300	822,900
1984	34,700	153,400	165,700	312,500	16,500	329,000	682,800
1985	21,700	124,900	83,900	292,700	13,300	306,000	536,500
1986	19,000	90,200	72,000	275,000	13,100	288,100	469,300
1987	15,800	88,300	122,300	311,400	10,600	322,000	548,400
1988	7,500	39,200	36,400	116,300	10,500	126,800	209,900
1989	14,600	65,100	43,600	139,500	11,100	150,600	273,900
1990	10,500	49,500	43,200	133,200	10,300	143,500	246,700
1991	14,200	40,300	28,700	126,400	6,500	132,900	216,100
1992	12,500	56,500	32,100	116,300	10,600	126,900	228,000
1993	12,900	52,600	42,300	140,900	5,000	145,900	253,700
1994	18,300	81,200	61,300	150,400	5,100	155,500	316,200
1995	33,200	136,000	94,800	258,500	8,800	267,300	531,200
1996	19,300	123,800	96,600	280,800	13,600	294,400	534,100
1997	24,000	144,800	189,100	338,300	10,300	348,600	706,500
1998	33,600	177,000	125,000	237,300	13,000	250,300	585,900
1999	29,500	167,700	138,400	192,000	10,300	202,300	537,900
2000	22,400	161,500	136,600	159,300	16,900	176,100	512,300
2001	20,000	130,900	151,900	133,300	9,300	142,600	445,400
AVERAGES:							
61-65	20,500	103,540	81,660	472,360		472,360	678,060
66-70	34,160	200,820	182,820	949,440	11,760	961,200	1,379,000
71-75	30,620	148,260	181,920	918,380	17,620	936,000	1,296,800
76-80	43,220	202,120	207,200	756,640	21,640	778,280	1,230,820
81-85	28,240	160,020	139,640	388,360	14,580	402,940	730,840
86-90	13,480	66,460	63,500	195,080	11,120	206,200	349,640
91-95	18,220	73,320	51,840	158,500	7,200	165,700	309,040
96-2000	25,760	154,960	137,140	241,540	12,820	254,340	575,340

ESTIMATES OF REGULAR-SEASON CANVASBACK HARVESTS IN THE UNITED STATES

YEAR	AF	MF	CF	P F		TOTAL	US TOTAL
				LWR STS	AK		
1961	100	200	788,200	2,100		2,100	790,600
1962	300	TR**	428,000	400		400	428,700
1963	300	200	1,002,300	600		600	1,003,400
1964	29,600	36,100	1,308,100	13,700		13,700	1,387,500
1965	24,900	49,500	1,079,300	14,200		14,200	1,167,900
1966	50,800	60,800	1,959,700	66,800	200	67,000	2,138,300
1967	21,200	46,200	2,027,700	28,000	100	28,100	2,123,200
1968	13,600	21,600	1,222,400	18,000	TR**	18,000	1,275,600
1969	41,271	26,900	2,402,300	26,000	300	26,300	2,496,771
1970	17,800	39,900	2,830,800	55,300	500	55,800	2,944,300
1971	31,000	35,300	2,703,400	54,800	100	54,900	2,824,600
1972	300	900	2,876,100	2,100	300	2,400	2,879,700
1973	200	14,500	2,363,400	22,900	100	23,000	2,401,100
1974	700	16,200	2,105,400	38,700	400	39,100	2,161,400
1975	1,700	30,500	2,796,800	45,600	200	45,800	2,874,800
1976	23,200	34,000	2,682,700	51,900	400	52,300	2,792,200
1977	7,100	24,700	2,336,600	32,500	400	32,900	2,401,300
1978	5,600	20,400	2,857,000	31,200	300	31,500	2,914,500
1979	9,200	39,300	2,587,900	26,000	300	26,300	2,662,700
1980	8,200	27,200	2,014,300	23,100	600	23,700	2,073,400
1981	8,200	20,000	1,957,700	24,900	300	25,200	2,011,100
1982	3,200	13,900	2,135,400	19,800	100	19,900	2,172,400
1983	14,300	31,000	2,059,700	21,600	900	22,500	2,127,500
1984	8,500	23,000	2,218,300	25,500	600	26,100	2,275,900
1985	9,000	23,200	1,421,700	37,400	400	37,800	1,491,700
1986	200	600	1,512,700	22,000	300	22,300	1,535,800
1987	100	800	1,643,300	17,900	500	18,400	1,662,600
1988	100	100	748,600	400	200	600	749,400
1989	300	500	918,900	9,700	200	9,900	929,600
1990	100	400	909,900	7,100	300	7,400	917,800
1991	0	200	753,200	7,100	500	7,600	761,000
1992	0	200	100	11,100	200	11,300	11,700
1993	100	200	300	12,700	100	12,800	13,300
1994	4,400	31,300	13,400	20,000	200	20,200	69,300
1995	13,100	60,000	19,900	15,900	300	16,100	109,300
1996	20,000	49,700	18,200	21,500	700	22,200	110,100
1997	12,300	59,600	23,300	25,700	400	26,100	121,300
1998	7,300	36,600	22,200	27,000	300	27,300	93,500
1999	6,200	40,200	21,700	19,200	0	19,200	87,300
2000	16,500	44,200	3,107,900	17,600	200	17,800	3,186,400
2001	1,800	10,400	15,100	8,800	0	8,800	36,000
AVERAGES:							
61-65	11,040	21,500	921,180	6,200		6,200	955,620
66-70	28,934	39,080	2,088,580	38,820	275	39,040	2,195,634
71-75	6,780	19,480	2,569,020	32,820	220	33,040	2,628,320
76-80	10,660	29,120	2,495,700	32,940	400	33,340	2,568,820
81-85	8,640	22,220	1,958,560	25,840	460	26,300	2,015,720
86-90	160	480	1,146,680	11,420	300	11,720	1,159,040
91-95	3,520	18,380	157,380	13,360	260	13,600	192,920
96-2000	12,460	46,060	638,660	22,200	320	22,520	719,720

ESTIMATES OF BLACK DUCK HARVESTS IN NORTH AMERICA

YEAR	AF	MF	CF	US TOTAL	CANADA	NA TOTAL
1961	204,800	62,900	1,000	268,700		
1962	214,500	47,900	400	262,800		
1963	215,800	70,400	1,100	287,300		
1964	234,400	96,900	900	332,200		
1965	217,200	97,600	500	315,300		
1966	259,700	114,600	1,700	376,000		
1967	252,500	113,100	2,800	368,400		
1968	301,500	68,300	1,000	370,800		
1969	307,400	88,100	1,400	396,900		
1970	297,400	119,700	200	417,300		
1971	293,100	96,000	200	389,300		
1972	236,300	117,900	1,400	355,600	290,400	646,000
1973	262,700	110,900	800	374,400	318,000	692,400
1974	294,600	93,300	1,000	388,900	307,800	696,700
1975	274,900	81,000	1,200	357,100	302,900	660,000
1976	327,400	98,000	800	426,200	343,900	770,100
1977	195,000	78,900	200	274,100	360,600	634,700
1978	262,300	74,800	0	337,100	378,700	715,800
1979	231,000	68,300	0	299,300	316,900	616,200
1980	309,100	87,000	800	396,900	365,300	762,200
1981	230,700	58,900	500	290,100	325,700	615,800
1982	186,700	48,500	0	235,200	337,300	572,500
1983	139,300	58,900	300	198,500	305,100	503,600
1984	147,900	54,000	0	201,900	307,900	509,800
1985	148,200	41,500	200	189,900	300,300	490,200
1986	140,700	37,400	400	178,500	293,800	472,300
1987	135,500	36,800	100	172,400	297,000	469,400
1988	124,700	29,000	500	154,200	302,700	456,900
1989	148,700	44,800	300	193,800	262,800	456,600
1990	110,900	32,300	400	143,600	245,500	389,100
1991	126,200	41,100	200	167,500	236,900	404,400
1992	98,000	38,000	100	136,100	206,300	342,400
1993	105,300	41,100	100	146,500	197,800	344,300
1994	101,600	28,700	300	130,600	169,500	300,100
1995	126,300	42,300	0	168,600	187,200	355,800
1996	83,800	34,700	0	118,500	163,601	282,101
1997	109,900	41,200	100	151,200	165,469	316,669
1998	118,600	55,800	200	174,600	158,400	333,000
1999	111,800	43,800	0	155,600	174,900	330,500
2000	127,500	52,100	0	179,600	154,900	334,500
2001	106,400	25,800	0	132,200	124,100	256,300
AVERAGES:						
61-65	217,340	75,140	780	293,260		
66-70	283,700	100,760	1,420	385,880		
71/2-75	272,320	99,820	920	373,060	304,775	673,775
76-80	264,960	81,400	360	346,720	353,080	699,800
81-85	170,560	52,360	200	223,120	315,260	538,380
86-90	132,100	36,060	340	168,500	280,360	448,860
91-95	111,480	38,240	140	149,860	199,540	349,400
96-2000	110,320	45,520	60	155,900	163,454	319,354