

Table 1. Preliminary age ratios of mallards in State harvests as determined from Waterfowl Parts Collection Survey during the 1999-2003 hunting seasons.

State and Flyway	Immatures per Adult ^a				
	1999	2000	2001	2002	2003
Connecticut	0.9	0.8	0.8	1.2	1.0
Delaware	1.1	1.0	1.1	0.9	1.9
Florida	---	---	---	---	---
Georgia	1.1	0.4	0.9	0.6	0.9
Maine	1.2	1.5	1.4	1.1	1.6
Maryland	0.8	0.9	1.0	0.9	1.5
Massachusetts	1.6	1.3	1.7	1.2	1.0
New Hampshire	0.9	1.2	1.7	1.0	1.4
New Jersey	0.6	0.7	1.1	1.0	1.2
New York	1.2	1.2	1.4	1.2	1.4
North Carolina	0.8	1.0	1.0	1.0	1.1
Pennsylvania	0.8	0.9	1.2	0.9	1.0
Rhode Island	1.1	0.8	1.0	0.8	0.7
South Carolina	0.8	1.4	1.6	1.1	1.3
Vermont	1.5	1.6	1.7	1.2	2.1
Virginia	0.8	0.6	0.7	0.7	0.9
West Virginia	1.2	1.2	1.0	0.7	1.1
Atlantic Flyway Total ^b	0.91	0.95	1.14	0.95	1.26
Alabama	0.7	0.6	0.8	0.7	0.9
Arkansas	0.6	0.5	1.0	0.5	0.8
Illinois	1.0	0.7	1.7	1.1	1.9
Indiana	1.0	0.6	1.3	1.2	1.4
Iowa	1.4	1.2	2.6	1.3	2.0
Kentucky	1.0	0.9	1.1	0.8	1.3
Louisiana	0.8	0.5	0.8	0.4	1.0
Michigan	1.5	1.0	2.0	1.7	2.1
Minnesota	2.1	1.8	2.6	1.5	2.8
Mississippi	0.5	0.4	1.0	0.4	0.8
Missouri	0.8	0.6	1.1	0.8	1.7
Ohio	1.2	1.0	1.3	1.4	1.8
Tennessee	0.9	0.7	1.0	0.7	0.9
Wisconsin	1.8	1.3	3.0	1.7	1.8
Mississippi Flyway Total ^b	0.87	0.68	1.33	0.90	1.41

Table 1. Preliminary age ratios of mallards in State harvests as determined from Waterfowl Parts Collection Survey during the 1999-2003 hunting seasons.

State and Flyway	Immatures per Adult ^a				
	1999	2000	2001	2002	2003
Colorado	0.7	0.6	0.7	0.5	0.9
Kansas	0.6	0.4	0.6	0.5	0.7
Montana	0.7	0.4	0.6	0.6	0.8
Nebraska	0.8	0.7	0.7	0.7	0.8
New Mexico	1.1	0.6	1.0	0.9	1.1
North Dakota	1.1	0.9	1.3	0.9	1.4
Oklahoma	0.5	0.2	0.4	0.3	0.5
South Dakota	0.9	0.8	0.7	1.0	1.3
Texas	0.5	0.5	0.5	0.3	0.4
Wyoming	0.4	0.5	0.5	0.4	0.9
Central Flyway Total ^b	0.73	0.54	0.70	0.60	0.87
Arizona	0.8	0.8	1.4	0.8	1.4
California	1.5	1.8	1.7	1.5	2.4
Colorado	1.3	1.1	0.9	1.1	1.2
Idaho	0.9	0.8	1.0	1.0	1.4
Montana	0.7	0.7	0.8	0.7	0.9
Nevada	1.5	1.2	1.1	1.6	1.8
New Mexico	1.3	0.4	0.8	0.7	1.0
Oregon	0.8	1.0	1.4	1.4	1.4
Utah	1.2	0.9	1.2	1.2	1.5
Washington	0.7	0.9	1.0	1.0	1.1
Wyoming	1.2	0.6	1.4	1.3	1.8
Pacific Flyway Total ^b	0.97	1.04	1.22	1.18	1.51
Alaska	5.3	2.4	4.6	3.0	4.1
U.S. Total ^b	0.87	0.74	1.13	0.88	1.29

^a Ratio not shown if based on a sample of less than 20 wings.

^b In estimating Flyway and U.S. ratios, the ratio for each state was weighted in proportion to the estimated harvest in that state as determined from the Harvest Information Program Waterfowl Harvest Survey.

Table 2. Preliminary weighted age ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Immatures per Adult ^{a,b}				
	1999	2000	2001	2002	2003
Mallard					
Atlantic	0.91	0.95	1.14	0.95	1.26
Mississippi	0.87	0.68	1.33	0.90	1.41
Central	0.73	0.54	0.70	0.60	0.87
Pacific	0.97	1.04	1.22	1.18	1.51
U.S. Total	0.87	0.74	1.13	0.88	1.29
Black duck					
Atlantic	1.00	0.82	0.93	1.07	1.12
Mississippi	0.98	0.63	1.76	1.04	1.13
U.S. Total	0.99	0.76	1.09	1.06	1.12
Mottled duck					
Atlantic	1.74	0.74	1.26	1.00	1.31
Mississippi	0.86	0.93	1.19	0.88	1.63
Central	0.46	0.38	1.63	1.00	1.82
U.S. Total	0.85	0.73	1.30	0.93	1.60
Gadwall					
Atlantic	1.97	0.79	0.83	0.51	0.86
Mississippi	1.28	0.71	1.33	0.68	1.24
Central	1.27	0.55	0.99	0.82	1.62
Pacific	0.92	0.93	0.78	0.99	1.41
U.S. Total	1.26	0.67	1.14	0.75	1.34
American wigeon					
Atlantic	1.08	0.50	1.01	0.92	0.90
Mississippi	1.00	0.59	1.16	1.32	1.35
Central	0.70	0.44	0.76	0.90	1.34
Pacific	0.87	0.94	1.02	1.64	1.11
U.S. Total	0.88	0.66	0.98	1.30	1.21
Green-winged teal					
Atlantic	2.37	1.20	1.15	1.88	1.83
Mississippi	1.61	1.06	1.98	2.16	1.97
Central	1.32	1.51	1.79	1.81	2.10
Pacific	1.03	1.20	1.03	1.36	1.14
U.S. Total	1.46	1.20	1.56	1.80	1.74
Blue-winged/Cinnamon teal					
Atlantic	1.39	0.73	1.34	0.83	1.29
Mississippi	1.88	1.39	2.43	2.00	1.97
Central	1.83	1.74	2.25	1.94	2.69
Pacific	1.22	0.95	1.20	1.09	1.50
U.S. Total	1.79	1.40	2.22	1.78	2.06

Table 2. Preliminary weighted age ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Immatures per Adult ^{a,b}				
	1999	2000	2001	2002	2003
Northern shoveler					
Atlantic	1.40	0.68	1.35	0.86	1.30
Mississippi	2.17	1.01	1.90	1.06	1.75
Central	1.78	0.69	1.85	1.58	3.07
Pacific	0.95	0.58	0.66	0.82	1.11
U.S. Total	1.50	0.79	1.38	1.05	1.63
Northern pintail					
Atlantic	1.18	0.57	1.02	1.32	2.29
Mississippi	1.23	0.90	1.40	1.81	2.58
Central	0.89	0.51	0.86	1.08	1.53
Pacific	0.97	0.80	0.63	0.91	0.97
U.S. Total	1.04	0.76	0.92	1.25	1.57
Wood duck					
Atlantic	1.03	1.22	1.20	1.15	1.59
Mississippi	1.35	0.99	2.05	1.67	1.66
Central	1.04	0.63	1.32	1.05	1.07
Pacific	1.24	2.19	1.29	1.24	1.57
U.S. Total	1.23	1.04	1.61	1.43	1.60
Redhead					
Atlantic	2.27	0.42	0.47	0.10	0.54
Mississippi	2.99	0.71	1.97	0.21	1.58
Central	1.76	0.42	0.70	0.24	1.64
Pacific	0.82	0.72	0.44	1.11	1.69
U.S. Total	1.92	0.52	0.92	0.31	1.53
Canvasback					
Atlantic	0.38	0.38	---	---	0.56
Mississippi	1.52	0.58	1.43	---	1.32
Central	1.31	0.53	0.76	---	1.51
Pacific	0.86	0.75	1.23	---	1.02
U.S. Total	1.19	0.57	0.99	---	1.13
Greater scaup					
Atlantic	1.00	0.77	1.54	1.66	0.98
Mississippi	2.09	1.54	2.30	2.83	1.37
Central	---	---	---	3.41	---
Pacific	0.46	1.27	0.48	0.97	0.72
U.S. Total	0.87	1.23	0.91	1.83	0.97

Table 2. Preliminary weighted age ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Immatures per Adult ^{a,b}				
	1999	2000	2001	2002	2003
Lesser scaup					
Atlantic	0.27	0.34	0.63	0.46	0.77
Mississippi	0.61	0.36	0.59	0.86	1.35
Central	0.89	0.42	1.05	1.33	0.95
Pacific	1.02	1.20	1.64	1.60	1.58
U.S. Total	0.56	0.42	0.74	0.88	1.17
Ring-necked duck					
Atlantic	1.11	0.73	1.19	1.11	1.17
Mississippi	1.54	1.27	1.82	1.47	2.09
Central	0.65	0.75	1.08	0.83	0.82
Pacific	1.90	1.52	1.41	1.24	1.44
U.S. Total	1.21	1.03	1.49	1.26	1.53
Common goldeneye					
Atlantic	0.52	0.61	0.40	0.91	0.67
Mississippi	1.42	0.27	1.18	0.99	1.18
Central	1.14	0.46	1.15	1.01	0.66
Pacific	0.59	0.56	0.74	1.14	0.71
U.S. Total	0.92	0.48	0.91	1.08	0.82
Bufflehead					
Atlantic	0.64	0.47	0.86	1.29	0.78
Mississippi	0.85	0.67	1.44	0.98	1.56
Central	0.50	0.44	0.53	0.82	0.29
Pacific	1.44	0.67	1.30	1.11	0.93
U.S. Total	0.82	0.57	1.11	1.09	1.06
Ruddy duck					
Atlantic	1.32	0.61	0.51	0.27	1.49
Mississippi	1.89	1.84	---	---	1.29
Central	3.72	1.54	5.43	---	---
Pacific	0.50	0.84	0.65	0.57	1.10
U.S. Total	1.35	1.00	1.35	0.52	1.32
Hooded merganser					
Atlantic	0.64	0.71	1.15	0.81	0.77
Mississippi	0.95	0.59	1.24	0.76	1.11
Central	0.73	0.39	0.81	0.71	1.17
Pacific	1.96	1.22	2.07	1.58	2.54
U.S. Total	0.84	0.64	1.18	0.79	1.04

Table 2. Preliminary weighted age ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Immatures per Adult ^{a,b}				
	1999	2000	2001	2002	2003
Common merganser					
Atlantic	1.41	0.82	1.94	1.40	1.76
Mississippi	0.64	---	---	0.71	---
Central	---	---	---	0.63	---
Pacific	1.21	0.76	1.90	0.80	0.78
U.S. Total	1.02	0.94	1.26	0.97	1.56
Red-breasted merganser					
Atlantic	1.38	0.41	0.81	0.89	1.06
U.S. Total	1.18	0.29	1.13	0.90	1.09
Long-tailed duck					
Atlantic	0.11	0.42	0.11	0.50	0.53
U.S. Total	0.14	0.49	0.11	0.53	0.69
Common eider					
Atlantic	0.57	0.13	0.30	0.25	0.26
U.S. Total	0.57	0.13	0.30	0.39	0.26
Black scoter					
Atlantic	1.07	0.19	1.08	0.74	0.92
U.S. Total	1.23	0.44	1.37	0.87	1.05
White-winged scoter					
Atlantic	---	0.11	0.99	1.56	2.55
U.S. Total	0.68	0.10	2.02	1.71	2.36
Surf scoter					
Atlantic	2.11	0.14	0.35	0.79	1.13
U.S. Total	2.05	0.14	0.40	0.90	1.21

^a Ratio not shown if based on a sample of less than 20 wings.

^b In estimating Flyway and U.S. ratios, the ratio for each state was weighted in proportion to the estimated harvest in that state as determined from the Harvest Information Program Waterfowl Harvest Survey.

Table 3. Preliminary sex ratios of mallards in State harvests as determined from Waterfowl Parts Collection Survey during the 1999-2003 hunting seasons.

State and Flyway	Males per Female ^a				
	1999	2000	2001	2002	2003
Connecticut	2.1	1.7	1.8	2.7	2.5
Delaware	1.0	1.5	1.3	1.6	1.6
Florida	---	---	---	---	---
Georgia	1.6	1.8	2.4	2.4	1.6
Maine	1.3	1.9	1.7	1.6	1.7
Maryland	2.8	1.7	2.1	2.2	2.1
Massachusetts	1.7	1.8	1.9	1.5	2.4
New Hampshire	1.9	1.4	1.5	1.6	1.4
New Jersey	2.2	1.5	2.2	2.1	2.1
New York	1.8	1.8	1.7	2.0	1.9
North Carolina	1.7	1.7	1.9	1.8	1.9
Pennsylvania	2.3	2.4	1.9	2.3	2.2
Rhode Island	2.3	1.2	1.5	2.4	2.8
South Carolina	2.0	1.9	1.9	2.5	2.3
Vermont	1.6	1.4	1.6	1.6	2.2
Virginia	2.2	1.9	2.4	1.9	2.0
West Virginia	2.3	2.2	2.7	2.6	2.8
Atlantic Flyway Total ^b	1.98	1.83	1.91	2.04	2.02
Alabama	2.0	2.6	2.4	1.7	1.9
Arkansas	2.3	2.7	2.3	2.9	3.2
Illinois	2.3	2.5	2.1	3.0	2.8
Indiana	1.7	2.3	2.5	2.0	2.0
Iowa	2.0	1.9	1.7	1.9	2.4
Kentucky	2.1	2.5	1.9	2.0	2.1
Louisiana	1.6	2.3	2.0	2.3	2.1
Michigan	1.8	1.9	2.1	1.8	2.0
Minnesota	1.4	1.5	1.6	1.7	1.7
Mississippi	2.5	2.9	2.5	2.5	2.7
Missouri	2.8	2.8	2.7	2.9	2.3
Ohio	2.3	2.0	2.2	1.8	1.6
Tennessee	2.2	2.3	2.7	2.4	2.2
Wisconsin	1.5	1.9	1.7	1.6	1.5
Mississippi Flyway Total ^b	2.03	2.35	2.17	2.20	2.22

Table 3. Preliminary sex ratios of mallards in State harvests as determined from Waterfowl Parts Collection Survey during the 1999-2003 hunting seasons.

State and Flyway	Males per Female ^a				
	1999	2000	2001	2002	2003
Colorado	2.9	3.1	3.6	3.0	3.3
Kansas	5.4	4.7	5.2	6.1	6.4
Montana	3.0	4.3	3.0	3.7	4.4
Nebraska	3.0	4.0	4.0	4.1	4.3
New Mexico	2.0	2.5	1.7	2.2	2.2
North Dakota	2.1	2.8	2.8	2.5	2.6
Oklahoma	2.6	4.0	3.9	3.4	3.2
South Dakota	2.7	3.5	4.2	3.1	3.3
Texas	2.4	2.5	2.3	2.8	2.7
Central Flyway Total ^b	2.64	3.20	3.12	3.13	3.30
Arizona	1.9	1.0	2.1	1.7	1.1
California	2.4	2.2	2.3	2.4	2.0
Colorado	2.3	3.3	2.4	3.6	5.8
Idaho	2.2	2.2	2.5	2.3	2.6
Montana	2.9	3.0	3.1	2.4	3.1
Nevada	1.8	1.9	2.3	2.1	1.8
New Mexico	2.0	2.1	4.2	2.0	2.4
Oregon	2.2	2.0	1.7	1.9	2.0
Utah	1.8	2.0	1.8	1.8	1.9
Washington	2.2	2.3	2.2	2.2	2.4
Wyoming	2.6	3.5	2.6	2.0	1.8
Pacific Flyway Total ^b	2.26	2.21	2.19	2.20	2.23
Alaska	1.2	1.3	1.4	1.2	1.1
U.S. Total ^b	2.16	2.38	2.31	2.33	2.35

^a Ratio not shown if based on a sample of less than 20 wings.

^b In estimating Flyway and U.S. ratios, the ratio for each state was weighted in proportion to the estimated harvest in that state as determined from the Harvest Information Program Waterfowl Harvest Survey.

Table 4. Preliminary weighted sex ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Males per Female ^{a,b}				
	1999	2000	2001	2002	2003
Mallard					
Atlantic	1.98	1.83	1.91	2.04	2.02
Mississippi	2.03	2.35	2.17	2.20	2.22
Central	2.64	3.20	3.12	3.13	3.30
Pacific	2.26	2.21	2.19	2.20	2.23
U.S. Total	2.16	2.38	2.31	2.33	2.35
Black duck					
Atlantic	0.94	0.99	0.99	1.06	0.99
Mississippi	0.75	0.86	0.77	1.10	1.24
U.S. Total	0.86	0.94	0.93	1.07	1.05
Mottled duck					
Atlantic	0.54	0.89	1.01	0.79	0.63
Mississippi	1.28	0.94	0.96	0.84	0.73
Central	2.25	1.05	0.83	1.00	1.15
U.S. Total	1.26	0.95	0.93	0.85	0.77
Gadwall					
Atlantic	1.27	1.38	1.80	1.67	1.91
Mississippi	1.58	2.03	1.65	1.67	1.83
Central	1.45	1.79	1.62	1.55	1.52
Pacific	1.80	1.79	2.35	1.71	1.72
U.S. Total	1.54	1.92	1.69	1.63	1.72
American wigeon					
Atlantic	1.56	2.06	1.46	1.76	1.73
Mississippi	1.66	1.76	1.62	1.58	1.51
Central	1.75	1.90	1.88	1.70	1.52
Pacific	1.74	1.59	1.73	1.47	1.66
U.S. Total	1.70	1.72	1.71	1.56	1.59
Green-winged teal					
Atlantic	1.23	1.16	1.43	1.19	1.24
Mississippi	1.70	1.82	1.73	1.49	1.59
Central	1.74	1.70	1.82	1.45	1.61
Pacific	1.81	1.65	1.86	1.74	1.74
U.S. Total	1.66	1.65	1.73	1.50	1.58
Blue-winged/Cinnamon teal					
Atlantic	1.20	1.31	1.26	1.40	1.41
Mississippi	1.34	1.21	1.41	1.04	1.08
Central	1.17	1.14	1.36	1.15	1.15
Pacific	1.42	1.48	1.26	1.25	1.27
U.S. Total	1.29	1.20	1.38	1.11	1.12

Table 4. Preliminary weighted sex ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Males per Female ^{a,b}				
	1999	2000	2001	2002	2003
Northern shoveler					
Atlantic	1.53	1.46	1.59	1.65	1.43
Mississippi	1.51	1.89	1.46	1.95	1.51
Central	1.52	1.62	1.46	1.29	1.24
Pacific	1.54	2.04	2.23	1.98	1.84
U.S. Total	1.52	1.84	1.64	1.75	1.54
Northern pintail					
Atlantic	1.50	1.04	1.80	1.35	1.36
Mississippi	1.88	2.23	2.07	1.78	1.68
Central	2.02	2.31	2.04	2.17	1.63
Pacific	2.20	2.02	2.56	2.79	2.57
U.S. Total	2.00	2.01	2.13	2.11	1.91
Wood duck					
Atlantic	1.98	1.84	1.80	1.86	1.92
Mississippi	1.71	1.78	1.60	1.55	1.77
Central	1.88	2.02	2.07	2.03	1.78
Pacific	1.80	1.43	1.71	1.44	1.35
U.S. Total	1.80	1.80	1.71	1.66	1.79
Redhead					
Atlantic	0.91	1.53	1.19	1.04	1.96
Mississippi	1.16	1.90	1.37	1.54	1.17
Central	1.23	2.29	2.15	1.46	1.28
Pacific	1.56	1.36	2.11	0.94	1.51
U.S. Total	1.23	2.00	1.81	1.37	1.31
Canvasback					
Atlantic	1.33	2.21	---	---	1.66
Mississippi	1.23	2.10	0.80	---	2.05
Central	1.27	1.28	1.20	---	0.84
Pacific	1.11	1.67	0.80	---	1.45
U.S. Total	1.22	1.80	0.97	---	1.44
Greater scaup					
Atlantic	1.24	1.25	0.97	1.09	1.23
Mississippi	0.79	1.24	0.80	1.21	1.27
Central	---	---	---	1.51	---
Pacific	2.91	1.89	1.88	1.75	1.28
U.S. Total	1.55	1.44	1.35	1.31	1.25

Table 4. Preliminary weighted sex ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Males per Female ^{a,b}				
	1999	2000	2001	2002	2003
Lesser scaup					
Atlantic	2.48	2.07	2.26	2.39	2.01
Mississippi	1.56	1.59	2.14	1.72	1.79
Central	1.38	1.71	2.20	1.60	1.21
Pacific	1.61	1.60	1.29	1.43	1.37
U.S. Total	1.74	1.66	2.09	1.77	1.66
Ring-necked duck					
Atlantic	1.72	1.73	2.03	1.72	2.14
Mississippi	2.26	1.90	1.74	2.12	1.57
Central	2.15	2.34	2.14	2.71	2.49
Pacific	1.91	1.87	2.26	1.38	1.69
U.S. Total	2.04	1.95	1.90	2.02	1.81
Common goldeneye					
Atlantic	1.26	1.12	2.84	1.24	1.11
Mississippi	1.02	1.58	1.81	1.04	1.48
Central	1.13	1.84	2.28	1.81	2.00
Pacific	1.66	4.89	1.10	1.73	1.19
U.S. Total	1.23	1.88	1.67	1.32	1.33
Bufflehead					
Atlantic	2.22	2.47	2.39	1.45	1.58
Mississippi	1.28	1.28	1.09	1.39	1.12
Central	1.15	2.29	1.48	1.47	1.49
Pacific	1.15	1.22	0.84	1.23	1.57
U.S. Total	1.48	1.70	1.32	1.38	1.33
Hooded merganser					
Atlantic	1.91	2.14	2.28	2.13	2.01
Mississippi	1.73	3.06	2.56	3.38	2.39
Central	2.77	2.95	2.07	1.63	3.14
Pacific	1.09	3.21	1.30	0.81	1.14
U.S. Total	1.88	2.67	2.33	2.61	2.23
Common merganser					
Atlantic	0.78	0.75	0.65	0.81	0.81
Mississippi	0.72	---	---	0.70	1.02
Central	---	---	---	1.03	1.73
Pacific	1.24	1.06	1.00	1.38	1.10
U.S. Total	0.84	0.91	0.83	0.85	1.03

Table 4. Preliminary weighted sex ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Male per Female ^{a,b}				
	1999	2000	2001	2002	2003
Red-breasted merganser					
Atlantic	1.04	1.54	1.71	1.35	1.18
U.S. Total	1.37	0.76	2.22	0.85	1.11
Long-tailed duck					
Atlantic	4.17	6.32	11.39	1.88	4.61
U.S. Total	4.17	6.32	11.39	1.86	3.99
Common eider					
Atlantic	2.92	1.48	2.65	2.79	1.93
U.S. Total	2.92	1.48	2.65	2.62	1.93
Black scoter					
Atlantic	1.57	1.60	1.74	2.38	1.23
U.S. Total	1.79	1.50	2.13	2.22	1.29
White-winged scoter					
Atlantic	---	3.01	2.06	1.23	1.07
U.S. Total	0.73	3.87	2.89	1.24	1.02
Surf scoter					
Atlantic	0.58	1.50	2.38	1.45	1.05
U.S. Total	0.70	1.39	2.41	1.37	1.04

^a Ratio not shown if based on a sample of less than 20 wings.

^b In estimating Flyway and U.S. ratios, the ratio for each state was weighted in proportion to the estimated harvest in that state as determined from the Harvest Information Program Waterfowl Harvest Survey.

Table 5. Preliminary weighted age ratios by species and Flyway during the 1999-2003 hunting seasons.

Species and Flyway	Immatures per Adult ^{a,b}				
	1999	2000	2001	2002	2003
Canada goose					
Atlantic	0.30	0.20	0.32	0.40	0.56
Mississippi	0.28	0.17	0.29	0.61	0.55
Central	0.25	0.27	0.32	0.45	0.53
Pacific	0.25	0.18	0.18	0.51	0.71
U.S. Total	0.27	0.20	0.29	0.49	0.56
Snow goose					
Atlantic	0.02	1.76	1.51	0.27	1.13
Mississippi	0.63	0.39	0.74	0.32	0.72
Central	0.46	0.29	0.49	0.32	0.43
Pacific	0.68	0.39	0.30	0.37	0.86
U.S. Total	0.47	0.43	0.64	0.32	0.62
Blue goose					
Mississippi	0.36	0.44	0.71	0.21	0.86
Central	0.43	0.53	0.72	0.38	0.58
U.S. Total	0.39	0.48	0.72	0.28	0.76
Ross' goose					
Central	2.64	1.04	1.99	0.99	2.22
Pacific	1.06	0.52	0.72	0.69	1.25
U.S. Total	2.23	0.98	1.96	0.95	1.93
Greater white-fronted goose					
Mississippi	0.85	0.43	0.66	0.49	0.82
Central	0.74	0.57	0.46	0.49	1.27
Pacific	1.55	0.80	0.65	0.32	0.53
U.S. Total	0.85	0.54	0.57	0.46	0.92
Brant					
Atlantic	0.05	1.15	0.51	0.11	0.54
Pacific	0.49	---	0.21	---	---

^a Ratio not shown if based on a sample of less than 20 tails/wings.

^b In estimating Flyway and U.S. ratios, the ratio for each state was weighted in proportion to the estimated harvest in that state as determined from the Harvest Information Program Waterfowl Harvest Survey.