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Species of waterfowl and age and sex ratios of ducks harvested in Canada during the 1973 season

F.G. Cooch,¹ G.W. Kaiser,¹ and L. Wight¹

Introduction

The Canadian Wildlife Service conducts two national surveys of the annual migratory game bird harvest. The first survey determines the overall harvest of major species groups and is described in Cooch et al. (1974). That report also gives the national sale of permits. The results of the second major survey, the species composition survey, are contained in this report.

The species composition survey determines the age and sex composition of the harvest of each individual species within two broad species groups, ducks and geese. The initial material is based on known characteristics of duck wings and goose tails collected from a stratified sample of hunters in 22 sampling zones throughout southern Canada.

Method

Hunters are sampled by substratum, i.e. geographic zones, and results of sampling are expanded according to the estimated harvest for all members of each species group within each substratum. In the past, calculations were based simply on the number of wings for a given species, divided by the total number of wings from that species group, multiplied by the total harvest of that species group as indicated by the harvest survey. However, some hunters seem to use all their wing envelopes early in the season; therefore the indicated kill in the species composition survey is much higher at the beginning and much lower at the end of the season than is calculated from the harvest survey. This bias has caused the estimated kill of birds shot early in the season (e.g. Teal and Wood Ducks) to be greatly inflated and the estimated harvest of birds shot late in the season (diving ducks) to be underestimated.

A procedure adopted in 1972 to remedy this discrepancy for the sport duck composition has been expanded to include sea ducks.

Under the new procedures used for ducks, the species composition and harvest are calculated by seven-day periods surrounding each weekend in the open season. Where the harvest for one of these periods is less than 5% of the total seasonal harvest, periods are combined until the data add up to at least 5%. The individual species ratios of a given time period, weighted by the harvest for that period as estimated by the harvest survey, are summed to give a total adjusted species harvest for the whole season. This adjustment can change the estimated harvest of some well-sampled species by as much as 50%. The adjusted species harvest for 1972/73 for each province is given in Table 2. The 1973/74 data are presented in-

cluding and excluding sea ducks to assist in comparing the results. This is important in the percentage column but has no bearing on species totals. The last column in this table gives the size of sample on which the 1973 data are based.

Results

Table 1 contains the national totals for each species and indicates no great changes in the total harvest of any species in 1973 compared to 1972 except for Mallard, which accounted for 185,000 of the indicated 215,000 decrease in the kill. Nevertheless, there were a few noteworthy changes within some provinces as follows:

- (1) The Black Duck harvest decreased in Newfoundland and Prince Edward Island, increased in Nova Scotia, New Brunswick and Quebec but stayed steady in Ontario.
- (2) The Green-winged Teal harvest decreased in Nova Scotia, New Brunswick, Quebec, Ontario and the prairies, with only a slight increase in the other provinces.
- (3) The kill of Mallard increased in eastern Canada but decreased in Manitoba, Saskatchewan and Alberta.
- (4) The Canvasback and Redhead harvest dropped markedly in areas where species restrictions were applied.
- (5) The kill of Goldeneye and Bufflehead decreased markedly in Ontario and Quebec where the former was removed from its previous bonus status.
- (6) The kill of Greater Scaup climbed in the Atlantic provinces and decreased elsewhere.

The increase in the Black Duck harvest reflects its improved reproductive success in 1973, as well as increased permit sales throughout much of the range of this species. Black Duck harvest declined in 1973 in Prince Edward Island as a result of a delayed opening. The danger of over-harvesting this species in the Atlantic region may be accelerating if this year's increase in permit sales does not represent a plateau in the hunter population of the area.

The large decrease in the harvest of Green-winged Teal reflects the adverse effects of a late spring in the east and a sudden cold front that moved across the prairies in the middle of the hunting season. This same cold front may have contributed to the recorded decrease in the Mallard harvest in Manitoba and Saskatchewan.

The increase in the Mallard harvest east of Manitoba is thought to be one more indication of the eastward movement of this bird. The percentage for Mallard of the total harvest has increased steadily since 1969 in substratum 01 of Quebec.

The decline in Canvasback harvest was enhanced in 1973 by further restrictions placed on the shooting of this species. The decrease in the harvest of Redheads is also a reflection of restriction on bag limits.

The increased harvest of Goldeneye until 1973 has been viewed with some alarm since this is a slow breeding species

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¹CWS, Ottawa, Ontario K1A 0H3.



whose biology has not been thoroughly investigated. It was no longer a bonus species in the 1973 regulations. Removal of the bonus was also designed to remove pressure on the diminutive Bufflehead. It is gratifying to note that kill of these species dropped by 26.9 and 35.5% respectively.

The goose kill shown in Tables 3 and 4 is unadjusted since information on dates of kill is not collected for geese on the harvest questionnaire. A request for this information was included in a special 1973 questionnaire but the results of this survey are not yet available. The most dramatic feature of Table 4 is the increase in the Snow Goose harvest in Quebec and Ontario. This reflects the improved nesting conditions in the arctic breeding grounds during the spring of 1973. At the height of the usual breeding season in 1972, arctic nesting areas were either flooded or snow covered, and the result was the poorest production of young in several years. The western populations of these geese had somewhat better nesting conditions. The spring of 1973 was good for breeding and the eastern goose harvest returned to normal.

Because the harvest survey uses a larger sample of hunters, other geese occasionally show up on that survey when only Canada Geese show up in the species composition survey. This accounts for the anonymous "other" geese that appear at the beginning of Table 4. In all cases the Canada Goose harvest is that reported from the harvest survey regardless of the number of tail fans sent in, while the kill of other geese is distributed according to the tail fan receipts of individual species.

This year the sea ducks have been included among the sport duck species of Table 2 and there is no longer a separate sea duck table.

To determine the true age ratio of the population it is necessary to adjust the raw data presented in Tables 5 to 30 using the information obtained from the Co-operative Pre-season Banding Program. The adjustment is based on the age ratio of the birds banded and the age ratio of those banded birds reported killed. The number of immatures per adult banded divided by the number of banded immatures per banded adult recovered times the number of immatures per adult reported in the Species Composition Survey is the more correct figure. Unfortunately more time is required to collect band reports for a complete season and the adjusted data cannot be presented here.

In future we hope to publish adjusted age and sex data for differences in hunter activity during the season as well as for the vulnerability differential discussed above.

References

- Cooch, F.G., G.W. Kaiser, and L. Wight. 1974. Report on 1973 sales of the Canada migratory game bird hunting permit, migratory game bird harvest and hunter activity. Can. Wildl. Ser. Prog. Note No. 41. 10 pp.

Table 1
Total harvest of ducks in Canada, adjusted for hunting intensity

Species	1972-73		Retrieved kill	
	Harvest	%	Harvest	%
Common Merganser	17,430	0.49	19,544	0.58
Red-breasted Merganser	16,118	0.46	14,703	0.44
Hooded Merganser	24,690	0.70	32,154	0.96
Mallard	1,682,540	47.52	1,469,957	43.81
Black Duck	291,111	8.22	317,940	9.48
Gadwall	91,368	2.58	89,702	2.67
American Widgeon	126,517	3.57	120,141	3.58
Green-winged Teal	181,033	5.11	184,428	5.50
Blue-winged Teal	134,653	3.80	149,525	4.46
Shoveler	54,230	1.53	52,980	1.58
Pintail	192,738	5.44	227,912	6.79
Wood Duck	78,523	2.22	81,244	2.42
Redhead	51,994	1.47	30,935	0.92
Canvasback	24,752	0.70	20,149	0.60
Greater Scaup	63,361	1.79	96,862	2.89
Lesser Scaup	116,411	3.29	111,373	3.32
Ring-necked Duck	88,092	2.49	81,392	2.43
Goldeneye	138,278	3.91	101,077	3.01
Bufflehead	67,201	1.90	43,347	1.29
Oldsquaw	18,370*	0.52	23,941	0.71
Common Eider	38,797*	1.10	33,792	1.01
Common Scoter	10,834*	0.31	13,798	0.41
White-winged Scoter	10,258*	0.29	15,636	0.47
Surf Scoter	17,248*	0.49	20,603	0.61
Ruddy Duck	3,869	0.11	2,359	0.07
Total	3,540,416	100.0	3,355,494	100.0

*Sea duck data not adjusted for hunting intensity in 1972-73

Table 2a

Estimated retrieved kill of duck species in Newfoundland.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Common Merganser	01	2,420	5.24	5,153	7.75	5.73	6
	02	177	1.77	52	0.35	0.24	1
	Total	2,597	4.63	5,205	6.39	4.67	7
Red-breasted Merganser	01	5,174	11.21	3,215	4.84	3.57	10
	02	674	6.75	1,147	7.65	5.33	2
	Total	5,848	10.41	4,362	5.36	3.91	12
Hooded Merganser	01	0	—	0	—	—	0
	02	295	2.95	86	0.57	0.40	1
	Total	295	0.53	86	0.11	0.08	1
Mallard	01	112	0.24	0	—	—	0
	02	308	3.08	64	0.43	0.30	1
	Total	420	0.75	64	0.08	0.06	1
Black Duck	01	18,569	40.23	18,301	27.54	20.33	62
	02	4,363	43.65	3,089	20.60	14.35	23
	Total	22,932	40.84	21,390	26.26	19.18	85
American Widgeon	01	0	—	448	0.67	0.50	1
	02	0	—	0	—	—	0
	Total	0	—	448	0.55	0.40	1
Green-winged Teal	01	9,208	19.95	17,388	26.16	19.32	50
	02	2,805	28.06	2,103	14.02	9.77	32
	Total	12,013	21.39	19,491	23.93	17.48	82
Blue-winged Teal	01	258	0.56	2,896	4.36	3.22	16
	02	0	—	0	—	—	0
	Total	258	0.46	2,896	3.56	2.60	16
Pintail	01	372	0.81	1,924	2.89	2.14	2
	02	592	5.92	688	4.59	3.20	11
	Total	964	1.72	2,612	3.21	2.34	13
Greater Scaup	01	313	0.68	3,037	4.57	3.37	8
	02	0	—	1,147	7.65	5.33	2
	Total	313	0.56	4,184	5.14	3.75	10
Lesser Scaup	01	73	0.16	0	—	—	0
	02	0	—	1,616	10.78	7.51	6
	Total	73	0.13	1,616	1.98	1.45	6

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Table 2a (cont'd)

Estimated retrieved kill of duck species in Newfoundland.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Ring-necked Duck	01	2,163	4.69	3,079	4.63	3.42	13
	02	0	—	209	1.39	0.97	2
	Total	2,163	3.85	3,288	4.04	2.95	15
Barrow's and Common Goldeneye	01	7,254	15.72	11,017	16.58	12.24	26
	02	782	7.82	4,793	31.96	22.27	31
	Total	8,036	14.31	15,810	19.41	14.18	57
Province	Subtotal	56,151	100.0	81,455	100.0	73.04	306
					excluding sport ducks	excluding sport ducks	
	Oldsquaw	01	0	—	4,001	17.00	4.45
Common Eider	02	0	—	489	7.49	2.27	1
	Total	0	—	4,490	14.93	4.03	12
Common Scoter	01	19,272	80.00	16,184	68.75	17.98	34
	02	2,056	30.00	4,295	65.76	19.95	12
	Total	21,328	68.93	20,479	68.10	18.36	46
Surf Scoter	01	3,614	15.00	139	0.59	0.15	1
	02	2,056	30.00	830	12.71	3.86	3
	Total	5,670	18.32	969	3.22	0.87	4
Province	Subtotal	30,943	97.50	30,072	100.0	26.96	79
	Total	87,094	—	111,527	—	100.0	385

Table 2b
Estimated retrieved kill of duck species in Prince Edward Island. These data are adjusted for differences in the intensity of hunting during the open season

Species	Adjusted estimate of the retrieved kill					
	1972-73		1973-74		% excl. sea ducks	% incl. sea ducks
	Harvest	% excl. sea ducks	Harvest	% excl. sea ducks		
Red-breasted Merganser	439	2.41	934	5.65	5.20	12
Hooded Merganser	0	—	26	0.16	0.14	1
Mallard	89	0.49	418	2.53	2.33	7
Black Duck	9,731	53.46	6,899	41.78	38.40	122
American Widgeon	238	1.31	78	0.47	0.43	3
Green-winged Teal	6,042	33.19	4,860	29.43	27.05	137
Blue-winged Teal	618	3.40	1,760	10.66	9.80	68
Pintail	417	2.29	486	2.94	2.71	13
Wood Duck	22	0.12	26	0.16	0.14	1
Greater Scaup	0	—	237	1.44	1.32	3
Ring-necked Duck	190	1.04	494	2.99	2.75	16
Barrow's and Common Goldeneye	370	2.03	294	1.78	1.63	6
Province subtotal	18,203	99.74	16,511	100.0	91.89	389
		% excl. sport ducks		% excl. sport ducks		
Oldsquaw	1,216	66.07	1,121	76.99	6.24	17
Common Scoter	33	1.79	26	1.79	0.14	1
White-winged Scoter	33	1.79	101	6.94	0.56	2
Surf Scoter	361	19.64	208	14.29	1.16	8
Province subtotal	1,840	89.29	1,456	100.0	8.11	28
Province total	20,043	—	17,967	—	100.0	417

Table 2c
Estimated retrieved kill of duck species in Nova Scotia. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill				
		1972-73		1973-74		
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks
Common Merganser	01	1,152	3.26	984	1.92	1.44
	02	720	3.53	424	0.98	0.87
	Total	1,872	3.36	1,408	1.49	1.20
Red-breasted Merganser	01	551	1.56	1,934	3.78	2.82
	02	99	0.48	434	1.00	0.89
	Total	650	1.17	2,368	2.51	2.02
Hooded Merganser	01	0	—	0	—	0
	02	43	0.21	40	0.09	0.08
	Total	43	0.08	40	0.04	0.03
Mallard	01	397	1.12	617	1.21	0.90
	02	442	2.17	573	1.32	1.17
	Total	839	1.51	1,190	1.26	1.01
Black Duck	01	22,282	63.11	22,557	44.13	32.94
	02	13,389	65.55	28,205	65.21	57.61
	Total	35,671	64.00	50,762	53.79	43.22
American Widgeon	01	0	—	572	1.12	0.83
	02	180	0.88	101	0.23	0.21
	Total	180	0.32	673	0.71	0.57
Green-winged Teal	01	5,322	15.07	8,391	16.42	12.25
	02	2,993	14.65	7,476	17.28	15.27
	Total	8,315	14.92	15,867	16.81	13.51
Blue-winged Teal	01	540	1.53	64	0.13	0.09
	02	812	3.98	1,716	3.97	3.50
	Total	1,352	2.43	1,780	1.89	1.52
Pintail	01	176	0.50	617	1.21	0.90
	02	261	1.28	438	1.01	0.90
	Total	437	0.78	1,055	1.12	0.90
Wood Duck	01	156	0.44	63	0.12	0.09
	02	85	0.42	41	0.09	0.08
	Total	241	0.43	104	0.11	0.09
Greater Scaup	01	95	0.27	5,010	9.80	7.32
	02	32	0.16	571	1.32	1.17
	Total	127	0.23	5,581	5.91	4.75
Lesser Scaup	01	204	0.58	696	1.36	1.02
	02	0	—	641	1.48	1.31
	Total	204	0.37	1,337	1.42	1.14
Ring-necked Duck	01	308	0.87	2,313	4.52	3.38
	02	284	1.39	702	1.62	1.43
	Total	592	1.06	3,015	3.19	2.57

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Table 2c (cont'd)
Estimated retrieved kill of duck species in Nova Scotia.
These data are adjusted for differences in the intensity
of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			Sample
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	
Barrow's and Common Goldeneye	01	3,143	8.91	3,417	6.68	4.99	20
	02	782	3.83	1,550	3.58	3.17	14
	Total	3,925	7.04	4,967	5.26	4.23	34
Bufflehead	01	982	2.78	3,607	7.06	5.27	32
	02	256	1.25	339	0.78	0.69	4
	Total	1,238	2.22	3,946	4.18	3.36	36
Ruddy Duck	01	0	—	277	0.54	0.40	2
	02	0	—	0	—	—	0
	Total	0	—	277	0.29	0.24	2
Province	Subtotal	55,734	100.0	94,371	100.0	80.35	1,573
					% excl. sport ducks	% excl. sport ducks	
Oldsquaw	01	4,572	20.47	1,562	8.99	2.28	10
	02	2,428	48.48	1,327	23.26	2.71	12
	Total	7,000	25.60	2,889	12.52	2.46	22
Common Eider	01	10,553	47.24	7,020	40.42	10.25	63
	02	455	9.09	988	17.32	2.02	13
	Total	11,008	40.26	8,008	34.70	6.82	76
Common Scoter	01	1,583	7.09	1,872	10.78	2.73	15
	02	152	3.03	1,823	31.95	3.72	21
	Total	1,735	6.35	3,695	16.01	3.15	36
White-winged Scoter	01	2,638	11.81	3,176	18.28	4.64	30
	02	304	6.06	673	11.80	1.37	9
	Total	2,942	10.76	3,849	16.68	3.28	39
Surf Scoter	01	2,990	13.39	3,739	21.53	5.46	38
	02	1,669	33.33	894	15.67	1.83	14
	Total	4,659	17.04	4,633	20.08	3.94	52
Province	Subtotal	27,344	100.0	23,074	100.0	19.65	225
	Total	83,078	—	117,445	—	100.0	1,798

Table 2d
Estimated retrieved kill of duck species in New Brunswick.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73			1973-74		
		Harvest	%	Harvest	% excl. sea ducks	Harvest	% incl. sea ducks
Common Merganser	01	37	0.09	43	0.12	0.12	2
	02	0	—	52	0.33	0.32	2
	Total	37	0.07	95	0.19	0.18	4
Red-breasted Merganser	01	629	1.51	198	0.57	0.55	7
	02	159	1.67	862	5.43	5.34	14
	Total	788	1.54	1,060	2.09	2.04	21
Hooded Merganser	01	115	0.28	242	0.69	0.68	9
	02	16	0.16	45	0.28	0.28	2
	Total	131	0.26	287	0.57	0.55	11
Mallard	01	540	1.30	655	1.88	1.83	29
	02	223	2.35	504	3.17	3.12	13
	Total	763	1.49	1,159	2.29	2.23	42
Black Duck	01	13,955	33.54	12,703	36.49	35.50	518
	02	3,872	40.75	9,696	61.03	60.10	175
	Total	17,827	34.88	22,399	44.18	43.14	693
Gadwall	01	0	—	91	0.26	0.25	3
	02	0	—	0	—	—	0
	Total	0	—	91	0.18	0.18	3
American Widgeon	01	408	0.98	809	2.32	2.26	35
	02	186	1.95	58	0.37	0.36	2
	Total	594	1.16	867	1.71	1.67	37
Green-winged Teal	01	6,048	14.54	5,426	15.58	15.16	228
	02	2,336	24.59	2,748	17.30	17.03	70
	Total	8,384	16.40	8,174	16.12	15.74	298
Blue-winged Teal	01	5,662	13.61	3,937	11.31	11.00	209
	02	747	7.87	820	5.16	5.08	28
	Total	6,409	12.54	4,757	9.38	9.16	237
Shoveler	01	0	—	26	0.07	0.07	1
	02	0	—	52	0.33	0.32	2
	Total	0	—	78	0.15	0.15	3
Pintail	01	253	0.61	746	2.14	2.08	34
	02	194	2.05	278	1.75	1.73	8
	Total	447	0.87	1,024	2.02	1.97	42
Wood Duck	01	1,132	2.72	882	2.53	2.46	46
	02	0	—	29	0.18	0.18	1
	Total	1,132	2.21	911	1.80	1.75	47
Redhead	01	0	—	34	0.10	0.10	2
	02	0	—	0	—	—	0
	Total	0	—	34	0.07	0.07	2

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Table 2d (cont'd)

Estimated retrieved kill of duck species in New Brunswick.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Greater Scaup	01	408	0.98	932	2.68	2.61	28
	02	0	—	0	—	—	0
	Total	408	0.80	932	1.84	1.80	28
Lesser Scaup	01	449	1.08	491	1.41	1.37	16
	02	0	—	276	1.74	1.71	2
	Total	449	0.88	767	1.51	1.48	18
Ring-necked Duck	01	2,482	5.96	2,264	6.50	6.33	102
	02	241	2.54	350	2.20	2.17	5
	Total	2,723	5.33	2,614	5.16	5.04	107
Barrow's and Common Goldeneye	01	9,180	22.06	4,405	12.65	12.31	123
	02	1,526	16.06	119	0.75	0.74	5
	Total	10,706	20.95	4,524	8.92	8.71	128
Bufflehead	01	310	0.74	821	2.36	2.29	22
	02	0	—	0	—	—	0
	Total	310	0.61	821	1.62	1.58	22
Ruddy Duck	01	0	—	112	0.32	0.31	3
	02	0	—	0	—	—	0
	Total	0	—	112	0.22	0.22	3
Provincial	Subtotal	51,109	100.0	50,704	100.0	97.67	1,746
			% excl. sport ducks		% excl. sport ducks		
Oldsquaw	01	417	10.00	92	9.51	0.26	3
	02	498	33.33	0	—	—	0
	Total	915	16.15	92	7.59	0.18	3
Common Eider	01	1,043	25.00	385	39.81	1.07	10
	02	0	—	0	—	—	0
	Total	1,043	18.41	385	31.77	0.74	10
Common Scoter	01	417	10.00	94	9.72	0.26	3
	02	0	—	0	—	—	0
	Total	417	7.36	94	7.76	0.18	3
White-winged Scoter	01	834	20.00	139	14.37	0.39	4
	02	498	33.33	0	—	—	0
	Total	1,332	23.51	139	11.47	0.27	4
Surf Scoter	01	1,461	35.00	257	26.58	0.72	9
	02	498	33.00	245	100.00	1.52	3
	Total	1,959	34.57	502	41.42	0.97	12
Provincial	Subtotal	5,666	100.0	1,212	100.0	2.33	32
	Total	56,775	—	51,916	—	100.0	1,778

Table 2e

Estimated retrieved kill of duck species in Quebec. These
data are adjusted for differences in the intensity of hunting
during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Common Merganser	01	7,066	1.94	4,158	1.07	1.01	33
	02	2,354	4.66	1,877	2.67	2.31	15
	Total	9,420	2.27	6,035	1.31	1.22	48
Red-breasted Merganser	01	2,560	0.70	1,556	0.40	0.38	11
	02	2,596	5.14	1,430	2.03	1.76	10
	Total	5,156	1.24	2,986	0.65	0.61	21
Hooded Merganser	01	6,196	1.70	5,822	1.49	1.41	58
	02	429	0.85	548	0.78	0.67	9
	Total	6,625	1.60	6,370	1.38	1.29	67
Mallard	01	57,778	15.86	64,339	16.51	15.62	701
	02	3,675	7.28	7,943	11.30	9.77	79
	Total	61,453	14.81	72,282	15.71	14.66	780
Black Duck	01	84,761	23.26	93,513	23.99	22.71	909
	02	18,422	36.53	27,155	38.63	33.40	299
	Total	103,183	24.87	120,668	26.23	24.47	1,208
Gadwall	01	2,238	0.61	1,623	0.42	0.39	23
	02	0	—	271	0.38	0.33	3
	Total	2,238	0.54	1,894	0.41	0.38	26
American Widgeon	01	4,244	1.16	5,741	1.47	1.39	65
	02	359	0.71	515	0.73	0.63	8
	Total	4,603	1.11	6,256	1.36	1.27	73
Green-winged Teal	01	35,730	9.81	29,393	7.54	7.14	359
	02	8,717	17.27	8,850	12.59	10.89	121
	Total	44,447	10.71	38,243	8.31	7.76	480
Blue-winged Teal	01	40,050	10.99	40,946	10.51	9.94	601
	02	1,209	2.39	3,369	4.79	4.14	52
	Total	41,259	9.95	44,315	9.63	8.99	653
Shoveler	01	3,291	0.90	6,913	1.77	1.68	78
	02	247	0.49	291	0.41	0.36	3
	Total	3,538	0.85	7,204	1.57	1.46	81
Pintail	01	14,384	3.95	16,165	4.15	3.93	193
	02	2,547	5.04	3,190	4.54	3.92	41
	Total	16,931	4.08	19,355	4.21	3.93	234
Wood Duck	01	12,577	3.45	6,305	1.62	1.53	77
	02	358	0.71	182	0.26	0.22	2
	Total	12,935	3.12	6,487	1.41	1.32	79
Redhead	01	1,759	0.48	1,966	0.50	0.48	24
	02	0	—	0	—	—	0
	Total	1,759	0.42	1,966	0.43	0.40	24

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Table 2e (cont'd)

Estimated retrieved kill of duck species in Quebec. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Canvasback	01	955	0.26	339	0.09	0.08	2
	02	0	—	175	0.25	0.21	1
	Total	955	0.23	514	0.11	0.10	3
Greater Scaup	01	15,409	4.23	46,028	11.81	11.18	297
	02	474	0.94	2,039	2.90	2.51	15
	Total	15,883	3.83	48,067	10.45	9.75	312
Lesser Scaup	01	10,535	2.89	21,039	5.40	5.11	148
	02	1,412	2.80	3,292	4.68	4.05	26
	Total	11,947	2.88	24,331	5.29	4.93	174
Ring-necked Duck	01	12,780	3.51	15,735	4.04	3.82	160
	02	632	1.25	1,742	2.48	2.14	21
	Total	13,412	3.23	17,477	3.80	3.54	181
Barrow's and Common Goldeneye	01	46,688	12.81	25,328	6.50	6.15	154
	02	6,793	13.46	6,455	9.18	7.94	59
	Total	53,481	12.89	31,783	6.91	6.45	213
Bufflehead	01	5,380	1.48	2,859	0.73	0.69	17
	02	247	0.49	976	1.39	1.20	6
	Total	5,627	1.36	3,835	0.83	0.78	23
Provincial	Subtotal		414,869	100.0	460,066	100.0	93.30
	% excl. sport ducks				% excl. sport ducks		4,680
Oldsquaw	01	1,123	13.43	6,335	28.77	1.54	35
	02	3,054	33.33	3,446	31.34	4.24	26
	Total	4,177	23.84	9,781	29.63	1.98	61
Common Eider	01	2,370	28.35	901	4.09	0.22	8
	02	2,851	31.11	3,923	35.67	4.83	46
	Total	5,221	29.80	4,824	14.61	0.98	54
Common Scoter	01	1,559	18.66	5,948	27.01	1.44	38
	02	407	4.44	230	2.09	0.28	2
	Total	1,966	11.22	6,178	18.71	1.25	40
White-winged Scoter	01	873	10.45	4,717	21.42	1.15	33
	02	611	6.67	589	5.36	0.72	4
	Total	1,484	8.47	5,306	16.07	1.08	37
Surf Scoter	01	2,433	29.10	4,116	18.69	1.00	43
	02	2,240	24.44	2,809	25.54	3.46	25
	Total	4,673	26.67	6,925	20.98	1.40	68
Provincial	Subtotal		17,521	100.0	33,015	100.0	6.70
	Total		432,390	—	493,081	—	4,940

Table 2f

Estimated retrieved kill of duck species in Ontario. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Common Merganser	01	1,189	0.45	763	0.40	0.40	9
	02	894	0.21	3,608	0.84	0.83	28
	03	494	0.38	1,632	1.35	1.32	14
Red-breasted Merganser	Total	2,577	0.32	6,003	0.81	0.80	51
	01	779	0.30	785	0.41	0.41	11
	02	1,209	0.29	1,319	0.31	0.30	9
Hooded Merganser	03	0	—	443	0.37	0.36	4
	Total	1,988	0.24	2,547	0.34	0.34	24
	01	1,844	0.70	891	0.47	0.46	11
Mallard	02	12,608	2.98	18,724	4.37	4.28	179
	03	2,295	1.76	4,881	4.05	3.95	55
	Total	16,747	2.05	24,496	3.32	3.25	245
Black Duck	01	95,190	36.33	77,188	40.66	40.18	1,193
	02	127,677	30.15	146,851	34.28	33.59	2,094
	03	31,369	24.10	31,349	26.01	25.40	401
Gadwall	Total	254,226	31.17	255,388	34.57	33.93	3,688
	01	24,419	9.32	19,389	10.21	10.09	273
	02	53,149	12.55	55,451	12.95	12.68	771
American Widgeon	03	23,221	17.84	20,126	16.70	16.31	293
	Total	100,789	12.36	94,966	12.86	12.62	1,337
	01	2,511	0.96	1,573	0.83	0.82	25
Green-winged Teal	02	936	0.22	930	0.22	0.21	12
	03	99	0.08	0	—	—	0
	Total	3,546	0.43	2,503	0.34	0.33	37
Blue-winged Teal	01	4,994	1.91	3,547	1.87	1.85	53
	02	4,008	0.95	4,762	1.11	1.09	62
	03	3,200	2.46	1,202	1.00	0.97	22
Shoveler	Total	12,202	1.50	9,511	1.29	1.26	137
	01	9,535	3.64	8,220	4.33	4.28	134
	02	17,397	4.11	15,560	3.63	3.56	235
Total	03	4,457	3.42	5,167	4.29	4.19	81
	31,389	3.85	28,947	3.92	3.85	450	
	01	7,543	2.88	4,064	2.14	2.12	83
Blue-winged Teal	02	29,427	6.95	24,371	5.69	5.58	469
	03	4,614	3.54	4,282	3.55	3.47	66
	Total	41,584	5.10	32,717	4.43	4.35	618
Shoveler	01	740	0.28	641	0.34	0.33	12
	02	825	0.19	731	0.17	0.17	12
	03	0	—	108	0.09	0.09	2
Total	Total	1,565	0.19	1,480	0.20	0.20	26
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Table 2f (cont'd)

Estimated retrieved kill of duck species in Ontario. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Pintail	01	4,195	1.60	3,744	1.97	1.95	55
	02	3,421	0.81	4,003	0.93	0.92	61
	03	2,049	1.57	2,750	2.28	2.23	37
	Total	9,665	1.18	10,497	1.42	1.39	153
Wood Duck	01	11,040	4.21	11,962	6.30	6.23	197
	02	46,606	11.01	55,667	13.00	12.73	921
	03	4,254	3.27	4,810	3.99	3.90	73
	Total	61,900	7.59	72,439	9.81	9.62	1,191
Redhead	01	15,853	6.05	6,072	3.20	3.16	76
	02	7,041	1.66	2,708	0.63	0.62	37
	03	1,294	0.99	643	0.53	0.52	6
	Total	24,188	2.97	9,423	1.28	1.25	119
Canvasback	01	6,839	2.61	5,415	2.85	2.82	72
	02	1,535	0.36	602	0.14	0.14	5
	03	1,511	1.16	158	0.13	0.13	1
	Total	9,885	1.21	6,175	0.84	0.82	78
Greater Scaup	01	21,061	8.04	13,605	7.17	7.08	178
	02	16,736	3.95	18,634	4.35	4.26	175
	03	5,740	4.41	3,015	2.50	2.44	29
	Total	43,537	5.34	35,254	4.77	4.68	382
Lesser Scaup	01	12,503	4.77	12,640	6.66	6.58	164
	02	15,306	3.61	14,383	3.36	3.29	146
	03	11,474	8.82	14,938	12.39	12.10	131
	Total	39,283	4.82	41,961	5.68	5.57	441
Ring-necked Duck	01	2,717	1.04	2,967	1.56	1.54	44
	02	36,438	8.60	27,415	6.40	6.27	363
	03	17,419	13.38	12,530	10.40	10.15	168
	Total	56,574	6.94	42,912	5.81	5.70	575
Barrow's and Common Goldeneye	01	14,337	5.47	5,775	3.04	3.01	77
	02	28,424	6.71	20,501	4.79	4.69	140
	03	8,453	6.49	6,528	5.42	5.29	85
	Total	51,214	6.28	32,804	4.44	4.36	302
Bufflehead	01	23,567	8.99	9,368	4.93	4.88	120
	02	19,417	4.59	12,127	2.83	2.77	89
	03	8,120	6.24	5,964	4.95	4.83	45
	Total	51,104	6.27	27,459	3.72	3.65	245
Ruddy Duck	01	1,179	0.45	1,242	0.65	0.65	17
	02	431	0.10	0	—	—	0
	03	99	0.08	0	—	—	0
	Total	1,709	0.21	1,242	0.17	0.17	17
Provincial	Subtotal	815,669	100.0	738,728	100.0	98.14	10,116

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Table 2f (cont'd)

Estimated retrieved kill of duck species in Ontario. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			
		Harvest	%	Harvest	% excl. sea ducks	% incl. sea ducks	Sample
Oldsquaw	01	1,616	52.17	1,055	46.41	0.55	14
	02	1,616	61.11	3,815	43.33	0.87	26
	03	62	6.25	600	20.66	0.49	8
	Total	3,294	48.89	5,470	39.12	0.73	48
Common Scoter	01	404	13.04	184	8.10	0.10	2
	02	235	8.89	1,104	12.54	0.25	9
	03	374	37.50	126	4.34	0.10	2
	Total	1,013	15.04	1,414	10.11	0.19	13
White-winged Scoter	01	808	26.09	560	24.64	0.29	7
	02	470	17.78	2,292	26.03	0.52	21
	03	62	6.25	965	33.24	0.78	6
	Total	1,340	19.89	3,817	27.30	0.51	34
Surf Scoter	01	269	8.70	474	20.85	0.25	5
	02	323	12.22	1,594	18.10	0.36	19
	03	498	50.00	1,212	41.75	0.98	12
	Total	1,090	16.18	3,280	23.46	0.44	36
Provincial	Subtotal	6,737	100.0	13,981	100.0	1.86	131
	Total	822,406	—	752,709	—	100.0	10,247

Table 2g
Estimated retrieved kill of duck species in Manitoba. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74		Sample	
		Harvest	%	Harvest	%		
Mallard	01	194,190	59.31	101,323	53.20	774	
	02	20,350	70.71	36,176	58.85	344	
	Total	214,540	60.23	137,499	54.58	1,118	
Black Duck	01	294	0.09	418	0.22	3	
	02	0	—	0	—	0	
	Total	294	0.08	418	0.17	3	
Gadwall	01	10,046	3.07	7,820	4.11	~57	
	02	299	1.04	2,082	3.39	17	
	Total	10,345	2.90	9,902	3.93	74	
American Widgeon	01	10,260	3.13	8,631	4.53	66	
	02	1,414	4.91	3,638	5.92	37	
	Total	11,674	3.28	12,269	4.87	103	
Green-winged Teal	01	13,046	3.98	10,303	5.41	79	
	02	1,008	3.50	1,563	2.54	17	
	Total	14,054	3.95	11,866	4.71	96	
Blue-winged Teal	01	12,898	3.94	15,343	8.06	116	
	02	843	2.93	2,341	3.81	20	
	Total	13,741	3.86	17,684	7.02	136	
Shoveler	01	5,488	1.68	4,149	2.18	32	
	02	38	0.13	235	0.38	2	
	Total	5,526	1.55	4,384	1.74	34	
Pintail	01	15,071	4.60	11,301	5.93	85	
	02	1,668	5.79	7,018	11.42	67	
	Total	16,739	4.70	18,319	7.27	152	
Wood Duck	01	361	0.11	316	0.17	3	
	02	0	—	0	—	0	
	Total	361	0.10	316	0.13	3	
Redhead	01	7,578	2.31	3,681	1.93	28	
	02	76	0.26	793	1.29	7	
	Total	7,654	2.15	4,474	1.78	35	
Canvasback	01	4,255	1.30	3,094	1.62	22	
	02	0	—	521	0.85	4	
	Total	4,255	1.19	3,615	1.43	26	
Greater Scaup	01	1,950	0.60	530	0.28	5	
	02	0	—	557	0.91	5	
	Total	1,950	0.55	1,087	0.43	10	

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Table 2g (cont'd)
Estimated retrieved kill of duck species in Manitoba. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74		Sample	
Harvest	%	Harvest	%	Harvest	%		
Lesser Scaup	01	37,361	11.41	14,655	7.69	109	
	02	1,153	4.01	2,349	3.82	18	
	Total	38,514	10.81	17,004	6.75	127	
Ring-necked Duck	01	8,839	2.70	5,103	2.68	41	
	02	1,426	4.95	1,972	3.21	16	
	Total	10,265	2.88	7,075	2.81	57	
Barrow's and Common Goldeneye	01	1,648	0.50	1,766	0.93	15	
	02	385	1.34	590	0.96	6	
	Total	2,033	0.57	2,356	0.94	21	
Bufflehead	01	2,799	0.85	1,506	0.79	11	
	02	0	—	590	0.96	5	
	Total	2,799	0.79	2,096	0.83	16	
Ruddy Duck	01	530	0.16	123	0.06	1	
	02	0	—	77	0.13	2	
	Total	530	0.15	200	0.08		
Common Eider	01	N/A	—	0	—	0	
	02	96	0.16	96	0.04	1	
	Total	96	0.04	660	0.26	5	
White-winged Scoter	01	N/A	—	0	—	0	
	02	660	1.07	660	0.26	5	
	Total	660	0.26	356,172	100.0	251,930	100.0
Surf Scoter	01	N/A	—	0	—	0	
	02	211	0.34	211	0.08	2	
	Total	211	0.08	356,172	100.0	251,930	100.0
Provincial	Total	356,172	100.0	251,930	100.0	2,021	

Table 2h

Estimated retrieved kill of duck species in Saskatchewan.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74		Sample	
		Harvest	%	Harvest	%		
Mallard	01	198,947	81.71	138,459	76.98	748	
	02	120,559	78.41	82,378	74.26	674	
	03	158,322	72.66	128,284	70.85	903	
	Total	477,828	77.68	349,121	73.99	2,325	
Black Duck	01	0	—	0	—	0	
	02	0	—	291	0.26	2	
	03	0	—	147	0.08	1	
	Total	0	—	438	0.09	3	
Gadwall	01	7,150	2.94	11,939	6.64	79	
	02	5,839	3.80	2,729	2.46	26	
	03	12,844	5.89	11,221	6.20	97	
	Total	25,833	4.20	25,889	5.49	202	
American Widgeon	01	6,074	2.49	5,546	3.08	34	
	02	3,813	2.48	3,505	3.16	33	
	03	7,024	3.22	7,853	4.34	62	
	Total	16,911	2.75	16,904	3.58	129	
Green-winged Teal	01	3,407	1.40	3,192	1.77	22	
	02	1,888	1.23	2,060	1.86	21	
	03	2,592	1.19	4,558	2.52	43	
	Total	7,887	1.28	9,810	2.08	86	
Blue-winged Teal	01	1,935	0.79	3,507	1.95	31	
	02	5,981	3.89	5,565	5.02	66	
	03	6,325	2.90	8,142	4.50	89	
	Total	14,241	2.32	17,214	3.65	186	
Shoveler	01	6,307	2.59	3,305	1.84	31	
	02	4,129	2.69	1,654	1.49	16	
	03	5,986	2.75	3,147	1.74	30	
	Total	16,422	2.67	8,106	1.72	77	
Pintail	01	14,230	5.84	11,797	6.56	69	
	02	5,220	3.39	9,202	8.30	87	
	03	9,696	4.45	9,971	5.51	81	
	Total	29,146	4.74	30,970	6.56	237	
Redhead	01	2,784	1.14	920	0.51	5	
	02	2,420	1.57	1,172	1.06	14	
	03	3,699	1.70	3,260	1.80	21	
	Total	8,903	1.45	5,352	1.13	40	
Canvasback	01	946	0.39	565	0.31	5	
	02	1,597	1.04	311	0.28	4	
	03	2,984	1.37	1,749	0.97	14	
	Total	5,527	0.90	2,625	0.56	23	

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Table 2h (cont'd)

Estimated retrieved kill of duck species in Saskatchewan.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74		Sample	
		Harvest	%	Harvest	%		
Lesser Scaup	01	950	0.39	360	0.20	4	
	02	1,226	0.80	1,500	1.35	13	
	03	7,428	3.41	1,546	0.85	10	
	Total	9,604	1.56	3,406	0.72	27	
Ring-necked Duck	01	0	—	91	0.05	1	
	02	404	0.26	228	0.21	3	
	03	230	0.11	147	0.08	1	
	Total	634	0.10	466	0.10	5	
Barrow's and Common Goldeneye	01	0	—	0	—	0	
	02	347	0.23	183	0.16	2	
	03	293	0.13	534	0.29	3	
	Total	640	0.10	717	0.15	5	
Bufflehead	01	495	0.20	183	0.10	2	
	02	0	—	0	—	0	
	03	167	0.08	141	0.08	1	
	Total	662	0.11	324	0.07	3	
Ruddy Duck	01	265	0.11	0	—	0	
	02	0	—	0	—	0	
	03	107	0.05	130	0.07	2	
	Total	372	0.06	130	0.03	2	
White-winged Scoter	01	N/A	—	0	—	0	
	02	N/A	—	152	0.14	2	
	03	N/A	—	244	0.13	2	
	Total	—	—	396	0.08	4	
Provincial	Total	557,689	100.0	771,870	100.0	3,354	

Table 2i

Estimated retrieved kill of duck species in Alberta. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			Sample
		Harvest	%	Harvest	%	Sample	
Common Merganser	01	268	0.11	273	0.09	2	
	02	0	—	0	—	0	
	Total	268	0.03	273	0.03	2	
Red-breasted Merganser	01	535	0.21	0	—	0	
	02	211	0.04	122	0.02	1	
	Total	746	0.09	122	0.01	1	
Mallard	01	148,769	59.55	182,978	62.30	895	
	02	408,800	74.29	363,875	67.64	1,788	
	Total	557,569	69.68	546,853	65.76	2,683	
Gadwall	01	20,358	8.15	18,673	6.36	123	
	02	27,859	5.06	29,369	5.46	152	
	Total	48,217	6.03	48,042	5.78	275	
American Widgeon	01	18,389	7.36	14,013	4.77	78	
	02	21,311	3.87	18,217	3.39	96	
	Total	39,700	4.96	32,230	3.88	174	
Green-winged Teal	01	5,337	2.14	3,668	1.25	26	
	02	8,243	1.50	11,623	2.16	59	
	Total	13,580	1.70	15,291	1.84	85	
Blue-winged Teal	01	3,962	1.59	5,767	1.96	51	
	02	9,547	1.73	18,753	3.49	105	
	Total	13,509	1.69	24,520	2.95	156	
Shoveler	01	6,824	2.73	6,898	2.35	49	
	02	14,836	2.70	20,386	3.79	104	
	Total	21,660	2.71	27,284	3.28	153	
Pintail	01	32,166	12.88	44,863	15.28	260	
	02	36,735	6.68	49,805	9.26	249	
	Total	68,901	8.61	94,668	11.38	509	
Redhead	01	2,311	0.92	2,871	0.98	17	
	02	6,895	1.25	5,790	1.08	31	
	Total	9,206	1.15	8,661	1.04	48	
Canvasback	01	1,460	0.58	3,147	1.07	19	
	02	2,064	0.38	2,599	0.48	16	
	Total	3,524	0.44	5,746	0.69	35	
Greater Scaup	01	0	—	0	—	0	
	02	176	0.03	268	0.05	1	
	Total	176	0.02	268	0.03	1	

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Table 2i (cont'd)

Estimated retrieved kill of duck species in Alberta. These data are adjusted for differences in the intensity of hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74			Sample
		Harvest	%	Harvest	%	Sample	
Lesser Scaup	01	5,137	2.06	8,243	2.81	30	
	02	9,818	1.78	10,829	2.01	49	
	Total	14,955	1.87	19,072	2.29	79	
Ring-necked Duck	01	619	0.25	652	0.22	4	
	02	151	0.03	1,394	0.26	7	
	Total	770	0.10	2,046	0.25	11	
Barrow's and Common Goldeneye	01	2,999	1.20	544	0.19	4	
	02	1,014	0.18	1,963	0.37	8	
	Total	4,013	0.50	2,507	0.30	12	
Bufflehead	01	337	0.13	737	0.25	4	
	02	1,244	0.23	2,119	0.37	10	
	Total	1,581	0.20	2,856	0.34	14	
Ruddy Duck	01	89	0.04	0	—	0	
	02	1,115	0.20	398	0.07	2	
	Total	1,204	0.15	398	0.05	2	
White-winged Scoter	01	N/A	—	185	0.06	1	
	02	N/A	—	424	0.08	2	
	Total	N/A	—	609	0.07	3	
Surf Scoter	01	N/A	—	185	0.06	1	
	02	N/A	—	0	—	0	
	Total	N/A	—	185	0.02	1	
Provincial	Total	800,152	100.0	831,631	100.0	4,244	

Table 2j

Estimated retrieved kill of duck species in British Columbia.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74		Sample	
		Harvest	%	Harvest	%		
Common Merganser	01	126	0.14	343	0.46	2	
	02	31	0.02	182	0.10	2	
	Total	157	0.06	525	0.20	4	
Red-breasted Merganser	01	126	0.14	0	—	0	
	02	62	0.04	324	0.18	3	
	Total	188	0.07	324	0.13	3	
Hooded Merganser	01	137	0.15	270	0.36	3	
	02	0	—	0	—	0	
	Total	137	0.05	270	0.10	3	
Mallard	01	45,277	49.73	37,305	50.11	481	
	02	69,536	40.99	68,678	37.96	752	
	Total	114,813	44.04	105,983	41.50	1,233	
Gadwall	01	436	0.48	281	0.38	3	
	02	753	0.44	1,100	0.61	11	
	Total	1,189	0.46	1,381	0.54	14	
American Widgeon	01	15,138	16.63	9,118	12.25	104	
	02	25,277	14.90	31,787	17.57	327	
	Total	40,415	15.50	40,905	16.02	431	
Green-winged Teal	01	5,866	6.44	5,560	7.47	66	
	02	29,056	17.13	26,309	14.54	312	
	Total	34,922	13.40	31,869	12.48	378	
Blue-winged Teal	01	1,589	1.74	1,228	1.65	24	
	02	93	0.06	654	0.36	10	
	Total	1,682	0.65	1,882	0.74	34	
Shoveler	01	2,481	2.73	1,889	2.54	27	
	02	2,967	1.75	2,555	1.41	28	
	Total	5,448	2.09	4,444	1.74	55	
Pintail	01	11,943	13.12	8,258	11.09	92	
	02	36,788	21.69	40,668	22.48	492	
	Total	48,731	18.69	48,926	19.16	584	
Wood Duck	01	448	0.49	0	—	0	
	02	1,180	0.70	961	0.53	12	
	Total	1,628	0.62	961	0.38	12	
Redhead	01	284	0.31	707	0.95	10	
	02	0	—	318	0.18	3	
	Total	284	0.11	1,025	0.40	13	
Canvasback	01	236	0.26	253	0.34	3	
	02	370	0.22	1,221	0.67	10	
	Total	606	0.23	1,474	0.58	13	

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Table 2j (cont'd)

Estimated retrieved kill of duck species in British Columbia.
These data are adjusted for differences in the intensity of
hunting during the open season

Species	Harvest stratum	Adjusted estimate of the retrieved kill					
		1972-73		1973-74		Sample	
		Harvest	%	Harvest	%		
Greater Scaup	01	274	0.30	389	0.52	3	
	02	497	0.29	863	0.48	8	
	Total	771	0.30	1,252	0.49	11	
Lesser Scaup	01	1,005	1.10	1,340	1.80	14	
	02	377	0.22	539	0.30	6	
	Total	1,382	0.53	1,879	0.74	20	
Ring-necked Duck	01	684	0.75	1,674	2.25	14	
	02	85	0.05	331	0.18	4	
	Total	769	0.30	2,005	0.79	18	
Barrow's and Common Goldeneye	01	2,868	3.15	3,669	4.93	49	
	02	992	0.58	1,645	0.91	15	
	Total	3,860	1.48	5,314	2.08	64	
Bufflehead	01	2,126	2.34	1,349	1.81	19	
	02	1,514	0.89	661	0.37	6	
	Total	3,640	1.40	2,010	0.79	25	
Oldsquaw	01	N/A	—	0	—	0	
	02	N/A	—	98	0.05	1	
	Total	N/A	—	98	0.04	1	
Common Scoter	01	N/A	—	0	—	0	
	02	N/A	—	1,372	0.76	12	
	Total	N/A	—	1,372	0.54	12	
White-winged Scoter	01	N/A	—	464	0.62	3	
	02	N/A	—	295	0.16	3	
	Total	N/A	—	759	0.30	6	
Surf Scoter	01	N/A	—	343	0.46	2	
	02	N/A	—	182	0.10	2	
	Total	N/A	—	525	0.21	4	
Provincial	Total	270,149	100.0	255,361	100.0	2,940	
	Retrieved kill						
Species	1972-73		1973-74		No.	%	
	No.	%	No.	%			
Canada Goose	244,057	68.72	286,579	65.45			
Snow Goose	55,830	15.72	86,597	19.78			
White-fronted Goose	51,692	14.56	59,038	13.48			
Ross' Goose	1,885	0.53	5,000	1.14			
Brant	1,668	0.47	636	0.15			

Table 3

Estimated retrieved kill of goose species across Canada

Table 4
Estimated retrieved kill and age ratios of the goose harvest

Province	Species	Harvest stratum	Estimated retrieved kill					
			1972-73		1973-74		Tail sample	Immatures per adult
			No.*	%	No.*	%		
Nfld.	Canada Geese	01	7,533	—	4,432	—	4	—
		02	2,719	—	2,590	—	14	0.86
		Total	10,252	98.66	7,022	92.02	18	1.13
	Others‡	Total	138	1.34	609	7.98	0	—
PEI	All species	Total	10,390	100.0	7,631	100.0	18	—
	Canada Geese	Total	10,655	99.13	7,054	99.55	102	1.22
	Snow Geese	Total	93	0.87	32	0.45	2	—
	All species	Total	10,748	100.0	7,086	100.0	104	—
N.S.	Canada Geese	01	3,742	—	2,922	—	47	1.47
		02	1,681	—	2,587	—	54	1.35
		Total	5,423	94.43	5,509	88.06	101	1.41
	Snow Geese	01	—	—	0	—	—	—
		02	—	—	747	—	1	—
		Total	320‡	5.57	747	11.94	1	—
	All species	Total	5,743	100.0	6,256	100.0	102	—
NB	Canada Geese	01	1,625	—	610	—	7	0.75
		02	1,408	—	1,383	—	22	10.00
		Total	3,033	94.40	1,994	63.36	29	7.17
	Others‡	Total	180	5.60	1,153	36.64	0	—
	All species	Total	3,213	100.0	3,147	100.0	29	—
Que.	Canada Geese	01	19,118	—	15,471	—	96	1.85
		02	5,736	—	12,630	—	85	1.58
		Total	24,854	72.88	28,101	52.07	181	1.73
	Snow Geese	01	6,145	—	21,143	—	240	13.06
		02	2,312	—	4,720	—	16	7.00
		Total	8,457	24.80	25,863	47.92	256	11.95
	Brant	01	791	—	0	—	0	—
		02	0	—	0	—	0	—
		Total	791	2.32	0	—	0	—
	All species	Total	34,102	100.0	53,964*	100.0	437	—
Ont.	Canada Geese	01	11,042	—	11,213	—	112	0.95
		02	13,457	—	12,143	—	110	1.27
		03	4,166	—	5,277	—	40	1.86
		Total	28,665	80.09	28,633	69.62	262	1.25
	Lesser	01	1,392	—	800	—	3	—
	Snow Geese	02	1,630	—	787	—	18	1.57
	03	3,229	—	10,906	—	48	1.18	
	Total	6,251	17.46	12,493	30.38	69	1.26	
	Brant	01	696	—	0	—	0	—
		02	181	—	0	—	0	—
		03	0	—	0	—	0	—
	Total	877	2.45	0	—	0	—	—
	All species	Total	35,793	100.0	41,126	100.0	331	—

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Table 4 (cont'd)
Estimated retrieved kill and age ratios of the goose harvest

Province	Species	Harvest stratum	Estimated retrieved kill					
			1972-73		1973-74		Tail sample	Immatures per adult
			No.*	%	No.*	%		
Man.	Canada Geese (all races)	01	43,073	—	54,066	—	386	1.42
		02	4,485	—	9,498	—	146	0.92
		Total	47,558	73.41	63,564	71.11	532	1.35
	Lesser Snow Geese	01	13,824	—	20,678	—	164	0.86
		02	1,692	—	782	—	11	1.20
		Total	15,516	23.95	21,460	24.01	175	0.87
	White-fronted Geese	01	1,102	—	1,765	—	14	1.80
		02	267	—	1,137	—	16	4.33
		Total	1,369	2.11	2,902	3.25	30	2.79
	Ross' Geese	01	254	—	1,387	—	11	—
		02	89	—	71	—	1	—
		Total	343	0.52	1,458	1.63	12	‡
Sask.	All species	Total	64,786	100.0	89,384	100.0	749	—
	Canada Geese	01	31,555	—	49,180	—	335	1.61
Sask.	02	7,061	—	4,396	—	53	0.58	
	03	10,102	—	11,650	—	60	0.62	
	Total	48,718	54.40	65,226	55.77	448	1.36	
	Snow Geese	01	5,984	—	10,839	—	94	2.13
	02	1,294	—	0	—	0	—	
	03	308	—	607	—	9	0.80	
	Total	7,586	8.47	11,446	9.79	103	2.06	
	Ross' Geese	01	821	—	2,883	—	25	1.50
	02	—	—	0	—	0	—	
	03	154	—	0	—	0	—	
Alta.	Total	975	1.09	2,883	2.47	25	—	
	White-fronted Geese	01	26,517	—	25,943	—	225	1.30
	02	1,294	—	2,302	—	43	1.39	
	03	4,463	—	9,038	31.88	134	2.12	
	Total	32,274	36.04	37,283	—	402	1.50	
	Brant	01	0	—	115	—	1	‡
	02	0	—	0	—	0	—	
	03	0	—	0	—	0	—	
	Total	0	0	115	0.09	1	—	
	All species	Total	89,553	100.0	116,955	100.0	979	—
Alta.	Canada Geese	01	25,611	—	41,509	—	253	0.67
	02	31,588	—	27,881	—	140	0.90	
	Total	57,199	61.83	69,390	68.04	393	0.76	
	Snow Geese	01	9,627	—	11,991	—	91	1.68
	02	7,530	—	1,784	—	7	‡	
	Total	17,157	18.55	13,775	13.51	98	1.88	
	Ross' Geese	01	298					

Table 4 (cont'd)
Estimated retrieved kill and age ratios of the goose harvest

Province	Species	Harvest stratum	Estimated retrieved kill					
			1972-73		1973-74		Tail sample	Immatures per adult
			No.*	%	No.*	%		
BC	Canada Geese	01	3,729	—	5,124	—	103	0.62
		02	4,071	—	4,962	—	75	1.11
		Total	7,800	85.50	10,086	83.49	178	0.86
	Snow Geese	01	163	—	0	—	0	—
		02	700	—	781	—	15	0.07
		Total	863	9.46	781	6.46	15	0.07
	White-fronted Geese	01	460	—	641	—	3	0.50
		02	0	—	52	—	1	‡
		Total	460	5.04	693	5.74	4	—
	Brant	01	0	—	0	—	0	—
		02	0	—	521	—	10	0.11
		Total	0	—	521	4.31	10	0.11
	All species	Total	9,123	100.0	12,081	100.0	207	—

*Totals derived from harvest surveys.

†Only Canada Goose tails received in the species composition survey but "others" reported in harvest surveys.

‡Only immature birds reported.

Table 5
Common Merganser age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immature	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	6	6							6	2	4	
	2	1	1							6	2	4	
	Total	7	7							6	2	4	
NS	1	17	9	8		8	6	2		9	3	6	
	2	12	10	2		2	1	1		10	7	3	
	Total	29	19	10	1.900	10	7	3		19	10	9	
NB	1	2	2							2	2		
	2	2	2							1	1		
	Total	4	4							3	3		
Que.	1	32	26	6	4.333	6	1	5		26	15	11	1.364
	2	14	12	2		2	2			12	8	4	
	Total	46	38	8	4.750	8	1	7		38	23	15	1.533
Ont.	1	9	5	4		4	1	3		1			
	2	29	21	8	2.625	8	4	4		10	9	1	
	3	13	10	3		3		3		5	4	1	
	Total	51	36	15	2.400	15	5	10		16	13	3	
Alta.	1	2	2										
	Total	2	2										
BC	1	2	2										
	2	2	2										
	Total	4	4										
Total		143	110	33	3.333	33	13	20	.650	82	51	31	1.645

Table 6
Red-breasted Merganser age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immature	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	11	7	4						3	1	2	
	2	3	3							3	1	2	
	Total	14	10	4						3	1	2	
PEI	1	12	11	1						1		1	
	Total	12	11	1						1		1	
NS	1	14	10	4						4	2	2	
	2	13	13							3	2	1	
	Total	27	23	4	5.750		4	2		3	2	1	
NB	1	6	5	1						1	1		
	2	14	14							1	1		
	Total	20	19	1	19.000		1	1		1	1		
Que.	1	11	10	1						1	1		
	2	10	9	1						1	1		
	Total	21	19	2	9.500		2	1		2	1		
Ont.	1	12	11	1						1	1		
	2	9	8	1						1	1		
	3	4	3	1						1	1		
	Total	25	22	3	7.333		3	2		5	5		
Alta.	2	1	1										
	Total	1	1										
BC	2	3	3							1	1		
	Total	3	3							1	1		
	Total	123	108	15	7.200		14	7		12	9	3	

Table 7
Hooded Merganser age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	2	1	1										
	Total	1	1										
PEI	1	1	1										
	Total	1	1										
NS	2	2	2										
	Total	2	2										
NB	1	9	8	1		1	1						
	2	2	2										
	Total	11	10	1		1	1						
Que.	1	59	50	9	5.556	9	6	3					
	2	9	6	3		3	1	2					
	Total	68	56	12	4.667	12	7	5					
Ont.	1	11	10	1		1	1						
	2	174	140	34	4.118	34	22	12	1.833	6	5	1	
	3	51	44	7	6.286	7	4	3		1	1		
	Total	236	194	42	4.619	42	27	15	1.800	7	5	2	
Man.	1	3	3										
	Total	3	3										
BC	1	3	3										
	2	2	1	1		1	1						
	Total	5	4	1		1							
Total		327	271	56	4.839	56	36	20	1.800	7	5	2	

Table 8
Mallard age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	2	1		1		1		1					
	Total	1		1		1		1					
PEI	1	7	4	3		3	2	1		4	1	3	
	Total	7	4	3		3	2	1		4	1	3	
NS	1	8	6	2		2		2		6	2	4	
	2	13	11	2		2	2	2		11	9	2	
	Total	21	17	4	4.250	4	2	2		17	11	6	
NB	1	28	26	2	13.000	2		2		26	13	13	1.000
	2	13	12	1		1		1		12	9	3	
	Total	41	38	3	12.667	3		3		38	22	16	1.375
Que.	1	710	651	59	11.034	59	32	27	1.185	643	339	304	1.115
	2	77	71	6	11.833	6	2	4		69	36	33	1.091
	Total	787	722	65	11.108	65	34	31	1.097	712	375	337	1.113
Ont.	1	1,158	949	209	4.541	206	110	96	1.146	921	480	441	1.088
	2	2,039	1,823	216	8.440	211	79	132	.598	1,723	864	859	1.006
	3	395	335	60	5.583	59	15	44	.341	325	167	158	1.057
	Total	3,592	3,107	485	6.406	476	204	272	.750	2,969	1,511	1,458	1.036
Man.	1	735	514	221	2.326	217	126	91	1.385	497	261	236	1.106
	2	340	267	73	3.658	72	44	28	1.571	263	139	124	1.121
	Total	1,075	781	294	2.656	289	170	119	1.429	760	400	360	1.111
Sask.	1	713	432	281	1.537	279	215	64	3.359	424	253	171	1.480
	2	646	454	192	2.365	192	126	66	1.909	450	243	207	1.174
	3	862	540	322	1.677	320	252	68	3.706	528	317	211	1.502
	Total	2,221	1,426	795	1.794	791	593	198	2.995	1,402	813	589	1.380
Alta.	1	864	546	318	1.717	317	226	91	2.484	534	313	221	1.416
	2	1,721	1,136	585	1.942	582	382	200	1.910	1,122	651	471	1.382
	Total	2,585	1,682	903	1.863	899	608	291	2.089	1,656	964	692	1.393
BC	1	462	357	105	3.400	103	49	54	.907	349	195	154	1.266
	2	755	567	188	3.016	187	124	63	1.968	553	290	263	1.103
	Total	1,217	924	293	3.154	290	173	117	1.479	902	485	417	1.163
Total		11,547	8,701	2,846	3.057	2,821	1,786	1,035	1.726	8,460	4,582	3,878	1.182

Table 9
Black Duck age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	60	55	5	11.000	5	1	4		52	27	25	1,080
	2	24	15	9	1.667	9	5	4		15	8	7	
	Total	84	70	14	5.000	14	6	8		67	35	32	1.094
PEI	1	120	92	28	3.286	28	15	13	1.154	89	42	47	.894
	Total	120	92	28	3.286	28	15	13	1.154	89	42	47	.894
NS	1	311	257	54	4.759	53	36	17	2.118	252	136	116	1.172
	2	710	587	123	4.772	123	75	48	1.563	579	286	293	.976
	Total	1,021	844	177	4.768	176	111	65	1.708	831	422	409	1.032
NB	1	527	446	81	5.506	81	30	51	.588	444	208	236	.881
	2	180	158	22	7.182	22	9	13	.692	155	68	87	.782
	Total	707	604	103	5.864	103	39	64	.609	599	276	323	.854
Que.	1	919	806	113	7.133	113	53	60	.883	797	433	364	1.190
	2	300	258	42	6.143	42	20	22	.909	255	124	131	.947
	Total	1,219	1,064	155	6.865	155	73	82	.890	1,052	557	495	1.125
Ont.	1	272	190	82	2.317	82	46	36	1.278	190	105	85	1.235
	2	757	672	85	7.906	85	34	51	.667	665	396	269	1.472
	3	296	251	45	5.578	45	16	29	.552	251	136	115	1.183
	Total	1,325	1,113	212	5.250	212	96	116	.828	1,106	637	469	1.358
Man.	1	3	3	3		3	1	2					
	Total	3	3	3		3	1	2					
Sask.	2	2	2	2		2	1	1					
	3	1	1	1		1	1	1					
	Total	3	3	3		3	3	3					
Total		4,482	3,787	695	5.449	694	344	350	.983	3,744	1,969	1,775	1.109

Table 10
Gadwall age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
NB	1	3	3	3									
	Total	3	3	3									
Que.	1	23	20	3	6.667	3				20	12	8	1.500
	2	3	2	1		1	1	1		2		2	
	Total	26	22	4	5.500	4	1	1		22	12	10	1.200
Ont.	1	25	12	13	.923	13	7	6		12	5	7	
	2	13	8	5		5	1	4		8	3	5	
	Total	38	20	18	1.111	18	8	10		20	8	12	.667
Man.	1	55	43	12	3.583	12	11	1		43	20	23	.870
	2	17	15	2		2	2	2		15	6	9	
	Total	72	58	14	4.143	14	13	1		58	26	32	.813
Sask.	1	75	67	8	8.375	8	4	4		67	23	44	.523
	2	26	22	4	5.500	4	4	4		22	11	11	1.000
	3	96	87	9	9.667	9	5	4		87	40	47	.851
	Total	197	176	21	8.381	21	13	8	1.625	176	74	102	.725
Alta.	1	121	115	6	19.167	6	2	4		115	49	66	.742
	2	150	77	73	1.055	73	53	20	2.650	77	29	48	.604
	Total	271	192	79	2.430	79	55	24	2.292	192	78	114	.684
BC	1	3	2	1		1	1	1		2	1	1	
	2	11	9	2		2	2	2		9	4	5	
	Total	14	11	3		3	3	3		11	5	6	
	Total	621	482	139	3.468	139	93	46	2.022	482	205	277	.740

Table 11
American Widgeon age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	1	1							1		1	
	Total	1	1	1						1		1	
PEI	1	3	2	1		1		1		2	2		
	Total	3	2	1		1		1		2	2		
NS	1	4	4							4	1	3	
	2	5	5							5	4	1	
	Total	9	9							9	5	4	
NB	1	34	31	3	10.333	3	2	1		31	11	20	.550
	2	2	1	1		1	1			1		1	
	Total	36	32	4	8.000	4	3	1		32	11	21	.524
Que.	1	66	54	12	4.500	12	4	8		52	30	22	1.364
	2	8	6	2		2				6	3	3	
	Total	74	60	14	4.286	14	4	10		58	33	25	1.320
Ont.	1	53	31	22	1.409	22	15	7	2.143	31	17	14	1.214
	2	60	51	9	5.667	9	5	4		51	31	20	1.550
	3	22	19	3	6.333	3	3			19	10	9	
	Total	135	101	34	2.971	34	23	11	2.091	101	58	43	1.349
Man.	1	66	58	8	7.250	8	6	2		58	33	25	1.320
	2	35	30	5	6.000	5	2	3		30	15	15	1.000
	Total	101	88	13	6.769	13	8	5		88	48	40	1.200
Sask.	1	35	29	6	4.833	6	1	5		29	11	18	.611
	2	32	32							32	14	18	.778
	3	60	52	8	6.500	8	3	5		51	21	30	.700
	Total	127	113	14	8.071	14	4	10		112	46	66	.697
Alta.	1	81	68	13	5.231	13	6	7		68	37	31	1.194
	2	96	83	13	6.385	13	6	7		83	49	34	1.441
	Total	177	151	26	5.808	26	12	14	.857	151	86	65	1.323
BC	1	106	80	26	3.077	26	16	10	1.600	80	41	39	1.051
	2	365	220	145	1.517	145	98	47	2.085	219	99	120	.825
	Total	471	300	171	1.754	171	114	57	2.000	299	140	159	.881
Total		1,134	857	277	3.094	277	168	109	1.541	853	429	424	1.012

Table 12
Green-winged Teal age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	51	44	7	6.286	7				43	22	21	1.048
	2	33	32	1	32.000	1				32	17	15	1.133
	Total	84	76	8	9.500	8				75	39	36	1.083
PEI	1	133	106	27	3.926	26	14	12	1.167	101	60	41	1.463
	Total	133	106	27	3.926	26	14	12	1.167	101	60	41	1.463
NS	1	100	94	6	15.667	6				87	48	39	1.231
	2	206	184	22	8.364	22	5	17	.294	182	88	94	.936
	Total	306	278	28	9.929	28	9	19	.474	269	136	133	1.023
NB	1	233	209	24	8.708	24	9	15	.600	193	86	107	.804
	2	79	70	9	7.778	9	1	8		67	35	32	1.094
	Total	312	279	33	8.455	33	10	23	.435	260	121	139	.871
Que.	1	351	301	50	6.020	50	25	25	1.000	301	142	159	.893
	2	123	110	13	8.462	13	6	7		110	41	69	.594
	Total	474	411	63	6.524	63	31	32	.969	411	183	228	.803
Ont.	1	130	98	32	3.063	32	17	15	1.133	92	42	50	.840
	2	218	176	42	4.190	42	10	32	.313	161	71	90	.789
	3	74	71	3	23.667	3	1	2		71	27	44	.614
	Total	422	345	77	4.481	77	28	49	.571	324	140	184	.761
Man.	1	73	63	10	6.300	10	3	7		61	33	28	1.179
	2	13	11	2		2	2			10	5	5	
	Total	86	74	12	6.167	12	5	7		71	38	33	1.152
Sask.	1	21	18	3	6.000	3				18	11	7	
	2	18	17	1		1				15	8	7	
	3	38	34	4	8.500	4	1	3		29	14	15	.933
	Total	77	69	8	8.625	8	1	7		62	33	29	1.138
Alta.	1	26	21	5	4.200	5	2	3		19	9	10	
	2	52	46	6	7.667	6	1	5		45	17	28	.607
	Total	78	67	11	6.091	11	3	8		64	26	38	.684
BC	1	61	56	5	11.200	5	1	4		52	25	27	.926
	2	305	267	38	7.026	38	28	10	2.800	263	115	148	.777
	Total	366	323	43	7.512	43	29	14	2.071	315	140	175	.800
Total		2,338	2,028	310	6.542	309	130	179	.726	1,952	916	1,036	.884

Table 13
Blue-winged Teal age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	7	6	1		1	1			6	3	3	
	Total	7	6	1		1	1			6	3	3	
PEI	1	58	49	9	5.444	9	5	4		49	29	20	1.450
	Total	58	49	9	5.444	9	5	4		49	29	20	1.450
NS	1	1	1							1	1		
	2	70	58	12	4.833	12	5	7		58	24	34	.706
	Total	71	59	12	4.917	12	5	7		59	25	34	.735
NB	1	196	160	36	4.444	35	16	19	.842	160	74	86	.860
	2	27	25	2	12.500	2		2		25	12	13	.923
	Total	223	185	38	4.868	37	16	21	.762	185	86	99	.869
Que.	1	581	509	72	7.069	72	48	24	2.000	509	225	284	.792
	2	51	46	5	9.200	5	3	2		46	17	29	.586
	Total	632	555	77	7.208	77	51	26	1.962	555	242	313	.773
Ont.	1	83	70	13	5.385	13	3	10		70	28	42	.667
	2	454	380	74	5.135	74	34	40	.850	380	184	196	.939
	3	64	46	18	2.556	18	5	13		46	21	25	.840
	Total	601	496	105	4.724	105	42	63	.667	496	233	263	.886
Man.	1	109	106	3	35.333	3		3		105	51	54	.944
	2	20	18	2	9.000	2	2			18	9	9	
	Total	129	124	5	24.800	5	2	3		123	60	63	.952
Sask.	1	29	26	3	8.667	3		3		25	12	13	.923
	2	58	54	4	13.500	4	1	3		54	30	24	1.250
	3	88	85	3	28.333	3		3		85	52	33	1.576
	Total	175	165	10	16.500	10	1	9		164	94	70	1.343
Alta.	1	51	46	5	9.200	5		5		46	15	31	.484
	2	99	80	19	4.211	19	6	13		80	46	34	1.353
	Total	150	126	24	5.250	24	6	18	.333	126	61	65	.938
BC	1	24	23	1	23.000	1		1		23	9	14	.643
	2	10	10							10	4	6	
	Total	34	33	1	33.000	1		1		33	13	20	.650
Total		2,080	1,798	282	6.376	281	129	152	.849	1,796	846	950	.891

Table 14
Shoveler age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
NB	1	1	1	1									
	2	2	2	2									
	Total	3	3	3									
Que.	1	79	73	6	12.167	6		6		73	43	30	1.433
	2	3	3	2						3	2	1	
	Total	82	76	6	12.667	6		6		76	43	33	1.303
Ont.	1	11	9	2						9	5	4	
	2	12	12							12	7	5	
	3	2	2							2	1	1	
	Total	25	23	2	11.500	2		2		23	13	10	1.300
Man.	1	29	27	2						27	13	14	.929
	2	2	2							2		2	
	Total	31	29	2	14.500	2		2		29	13	16	.813
Sask.	1	30	29	1						29	15	14	1.071
	2	15	14	1						14	8	6	
	3	28	28							28	20	8	2.500
	Total	73	71	2	35.000	2		2		71	43	28	1.536
Alta.	1	47	46	1						46	25	21	1.190
	2	101	90	11	8.182	11	3	8		90	53	37	1.432
	Total	148	136	12	11.333	12	3	9		136	78	58	1.345
BC	1	26	22	4	5.500	4	2	2		22	12	10	1.200
	2	27	27							27	18	9	2.000
	Total	53	49	4	12.250	4	2	2		49	30	19	1.579
	Total	415	387	28	13.821	28	5	23	.217	387	222	165	1.345

Table 15
Pintail age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	2	2							2	2		
	2	11	8	3		3	1	2		8	4	4	
PEI	Total	13	10	3		3	1	2		10	6	4	
	1	13	12	1		1		1		12	6	6	
NS	Total	13	12	1		1		1		12	6	6	
	1	7	6	1		1	1			6	4	2	
NB	2	11	10	1		1	1			10	4	6	
	Total	18	16	2		2	2			16	8	8	
NB	1	36	29	7	4.143	7	1	6		29	14	15	.933
	2	8	6	2		2		2		6	3	3	
Que.	Total	44	35	9	3.889	9	1	8		35	17	18	.944
	1	192	173	19	9.105	19	5	14		173	81	92	.880
Ont.	2	43	37	6	6.167	6	3	3		37	18	19	.947
	Total	235	210	25	8.400	25	8	17	.471	210	99	111	.892
Ont.	1	54	33	21	1.571	21	11	10	1.100	33	13	20	.650
	2	61	56	5	11.200	5	2	3		56	36	20	1.800
Man.	3	37	37							37	18	19	.947
	Total	152	126	26	4.846	26	13	13	1.000	126	67	59	1.136
Man.	1	84	72	12	6.000	12	6	6		72	35	37	.946
	2	65	61	4	15.250	4	1	3		61	19	42	.452
Sask.	Total	149	133	16	8.313	16	7	9		133	54	79	.684
	1	69	56	13	4.308	13	4	9		56	30	26	1.154
Alta.	2	85	77	8	9.625	8	3	5		77	43	34	1.265
	3	76	69	7	9.857	7	4	3		69	38	31	1.226
Alta.	Total	230	202	28	7.214	28	11	17	.647	202	111	91	1.220
	1	256	164	92	1.783	92	49	43	1.140	164	90	74	1.216
BC	2	248	195	53	3.679	53	26	27	.963	195	94	101	.931
	Total	504	359	145	2.476	145	75	70	1.071	359	184	175	1.051
BC	1	93	70	23	3.043	23	15	8	1.875	70	37	33	1.121
	2	506	373	133	2.805	133	51	82	.622	371	181	190	.953
Total	Total	599	443	156	2.840	156	66	90	.733	441	218	223	.978
Total		1,957	1,546	411	3.762	411	184	227	.811	1,544	770	774	.995

Table 16
Wood Duck age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	3	2	1		1		1		1		2	
	Total	3	2	1		1		1		1		2	
PEI	1	1				1		1		1		1	
	Total	1				1		1		1		1	
NS	1	2		2						2		1	
	2	2		2						2		2	
NB	1	4		4						4		1	
	2	1		1						1		1	
Que.	1	45		26		19		13.16		19		15	
	2	1		1		26		2.000		26		21	
Ont.	1	78		52		26		1.368		52		30	
	2	1		1		21		4.200		1		1	
Man.	1	79		53		26		2.038		53		31	
	Total	1,115		764		351		2.177		165		186	
BC	1	3		1		2		1		1		1	
	Total	12		7		5		2		7		3	
Total		1,262		857		405		2.116		405		226	
						179		1.263		855		510	
Total													

Table 17
Redhead age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
NB	1	2		2						2		1	
	Total	2		2						2		1	
Que.	1	24		23		1		23.000		1		23	
	Total	24		23		1		23.000		1		23	
Ont.	1	75		54		21		2.571		21		16	
	2	37		24		13		1.846		13		9	
Man.	3	6		4		2		2		1		1	
	Total	118		82		36							

Table 18
Canvasback age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Que.	1	2	1	1		1	1			1	1		
	2	1	1	1		1	1						
	Total	3	1	2		2	2			1	1		
Ont.	1	72	32	40	.800	40	28	12	2.333	32	19	13	1.462
	2	5	3	2		2		2		3	1	2	
	3	1	1	1		1	1						
	Total	78	35	43	.814	43	29	14	2.071	35	20	15	1.333
Man.	1	22	18	4	4.500	4	1	3		18	7	11	
	2	4	4							4	4		
	Total	26	22	4	5.500	4	1	3		22	7	15	.467
Sask.	1	5	2	3		3	1	2		2		2	
	2	4	4							4	3	1	
	3	14	9	5		5	3	2		9	5	4	
	Total	23	15	8	1.875	8	4	4		15	8	7	
Alta.	1	19	10	9		9	4	5		10	5	5	
	2	16	13	3		3	1	2		13	3	10	
	Total	35	23	12	1.917	12	5	7		23	8	15	.533
BC	1	3	3							3	1	2	
	2	11	10	1		1	1			10	4	6	
	Total	14	13	1		1	1			13	5	8	
Total		179	109	70	1.557	70	42	28	1.500	109	49	60	.817

Table 19
Greater Scaup age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	8	7	1						1		1	
	2	2	1	1						1		1	
	Total	10	8	2						2		2	
PEI	1	2								2	1	1	
	Total	2								2	1	1	
NS	1	47	42	5	8.400					5	3	2	
	2	10	8	2						2	2		
	Total	57	50	7	7.143					7	5	2	
NB	1	26	26										
	Total	26	26										
Que.	1	293	238	55	4.327					55	36	19	1.895
	2	14	14									14	.6
	Total	307	252	55	4.582					55	36	19	1.895
Ont.	1	174	134	40	3.350					40	18	22	.818
	2	175	147	28	5.250					28	10	18	.556
	3	29	22	7	3.143					7	3	4	
	Total	378	303	75	4.040					75	31	44	.705
Man.	1	5	5										
	2	5	3	2						2	1	1	
	Total	10	8	2						2	1	1	
Alta.	2	1	1										
	Total	1	1										
BC	1	3	3										
	2	12	7	5						5	5	5	
	Total	15	10	5						5	5	5	
Total		806	658	148	4.446					148	79	69	1.145
										657	309	348	.888

Table 20
Lesser Scaup age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	2	6	4	2		2	1	1		4	4		
	Total	6	4	2		2	1	1		4	4		
NS	1	9	8	1		1		1		8			
	2	9	8	1		1	1			8	2	6	
	Total	18	16	2		2	1	1		16	2	14	
NB	1	16	16							15	3	12	
	2	2	2							2	2	2	
	Total	18	18							17	3	14	
Que.	1	146	130	16	8.125	16	10	6		129	61	68	.897
	2	26	23	3	7.667	3	2	1		23	11	12	.917
	Total	172	153	19	8.053	19	12	7		152	72	80	.900
Ont.	1	157	100	57	1.754	57	39	18	2.167	100	45	55	.818
	2	140	120	20	6.000	20	12	8	1.500	120	63	57	1.105
	3	127	103	24	4.292	24	15	9	1.667	103	62	41	1.512
	Total	424	323	101	3.198	101	66	35	1.886	323	170	153	1.111
Man.	1	108	90	18	5.000	18	9	9		90	42	48	.875
	2	20	14	6	2.333	6	4	2		14	7	7	
	Total	128	104	24	4.333	24	13	11	1.182	104	49	55	.891
Sask.	1	4	4							4	3	1	
	2	13	12	1		1	1			12	4	8	
	3	10	7	3		3	3			7	4	3	
	Total	27	23	4	5.750	4	4			23	11	12	.917
Alta.	1	29	19	10	1.900	10	3	7		19	11	8	
	2	49	37	12	3.083	12	6	6		37	13	24	.542
	Total	78	56	22	2.545	22	9	13	.692	56	24	32	.750
BC	1	14	10	4		4	2	2		10	8	2	
	2	6	5	1		1		1		5	1	4	
	Total	20	15	5	3.000	5	2	3		15	9	6	
Total		891	712	179	3.978	179	108	71	1.521	710	344	366	.940

Table 21
Ring-necked Duck age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	13	12	1		1				12	3	9	
	2	2				2				2			
	Total	15	12	3		3	2	2		12	3	9	
PEI	1	15	13	2		2				13	5	8	
	Total	15	13	2		2				13	5	8	
NS	1	23	16	7	2.286	7				16	9	7	
	2	26	22	4	5.500	4				21	11	10	1.100
	Total	49	38	11	3.455	11	3	8		37	20	17	1.176
NB	1	101	81	20	4.050	20	10			81	32	49	.653
	2	5	4	1		1				4	3	1	
	Total	106	85	21	4.048	21	10	11		85	35	50	.700
Que.	1	162	142	20	7.100	20	12	8		141	65	76	.855
	2	21	19	2	9.500	2				19	6	13	
	Total	183	161	22	7.318	22	12	10		160	71	89	.798
Ont.	1	41	29	12	2.417	12	9	3		29	16	13	1.231
	2	350	293	57	5.140	57	29	28		291	140	151	.927
	3	162	145	17	8.529	17	11	6		137	71	66	1.076
	Total	553	467	86	5.430	86	49	37		457	227	230	.987
Man.	1	37	35	2	17.500	2	2			6	4	2	
	2	16	15	1		1	1			3	1	2	
	Total	53	50	3	16.667	3	3			9	5	4	
Sask.	1	1	1							1	1		
	2	3	3							2			
	3	1	1										
	Total	5	5							3	3		
Alta.	1	4	3	1		1				1	1		
	2	7	6	1		1	1			1	1		
	Total	11	9	2		2	2			2	2		
BC	1	14	13	1		1				5	3	2	
	2	4	3	1		1	1			3	2	1	
	Total	18	16	2		2	1	1		8	5	3	
Total		1,008	856	152	5.632	152	82	70	1.171	786	376	410	.917

Table 22
Common Goldeneye age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	29	28	1	28.000	1		1		27	11	16	.688
	2	31	29	2	14.500	2	1	1		29	11	18	.611
	Total	60	57	3	19.000	3	1	2		56	22	34	.647
PEI	1	6	5	1		1	1			5	2	3	
	Total	6	5	1		1	1			5	2	3	
NS	1	37	26	11	2.364	11	6	5		26	6	20	.300
	2	22	18	4	4.500	4	3	1		18	9	9	
	Total	59	44	15	2.933	15	9	6		44	15	29	.517
NB	1	123	70	53	1.321	53	42	11	3.818	70	38	32	1.188
	2	5	5							5	4	1	
	Total	128	75	53	1.415	53	42	11	3.818	75	42	33	1.273
Que.	1	153	92	61	1.508	61	38	23	1.652	92	42	50	.840
	2	58	46	12	3.833	12	6	6		46	26	20	1.300
	Total	211	138	73	1.890	73	44	29	1.517	138	68	70	.971
Ont.	1	78	49	29	1.690	29	16	13	1.231	49	25	24	1.042
	2	139	87	52	1.673	52	35	17	2.059	87	39	48	.813
	3	86	78	8	9.750	8	3	5		78	40	38	1.053
Man.	Total	303	214	89	2.404	89	54	35	1.543	214	104	110	.945
	1	15	12	3		3	1	2		10	5	5	
	2	5	4	1		1	1			4	1	3	
Sask.	Total	20	16	4	4.000	4	2	2		14	6	8	
	2	2	1	1		1	1			1	1		
	3	3		3		3	3						
Alta.	Total	5	1	4		4	4			1	1	1	
	1	3	2	1		1		1		2	2		
	2	7	6	1		1	1			5	2	3	
BC	Total	10	8	2		2	1	1		7	4	3	
	1	4	3	1		1	1			3	1	2	
	2	8	4	4		4	4			3	1	2	
Total	Total	12	7	5		5	5			6	2	4	
		814	565	249	2.269	249	163	86	1.895	560	266	294	.905

Table 23
Barrow's Goldeneye age and sex ratios

Prov.	Harvest stratum	Age ratio (immature/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
NB	1	3	2	1		1	1			1	1		
	Total	3	2	1		1	1			1	1		
Que.	1	4	1	3		3		3		1			1
	2	1	1							1	1		
	Total	5	2	3		3		3		2	1		1
Man.	2	1	1							1			1
	Total	1	1							1			1
Alta.	1	1	1							1	1		1
	2	1	1							1			1
	Total	2	2							2	1		1
BC	1	45	33	12	2.750	12	3	9		31	19	12	1.583
	2	8	1	7		7	6	1		1			1
	Total	53	34	19	1.789	19	9	10		32	19	13	1.462
Total		64	41	23	1.783	23	10	13	.769	38	22	16	1.375

Table 24
Bufflehead age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
NS	1	32	18	14	1.286	14	11	3		18	5	13	
	2	4	1	3		3	1	2		1	1	1	
NB	Total	36	19	17	1.118	17	12	5		19	6	13	
	1	23	10	13	.769	13	12	1		10	5	5	
Que.	Total	23	10	13	.769	13	12	1		10	5	5	
	1	17	13	4		4	3	1		13	10	3	
Ont.	2	5	4	1		1	1			4	2	2	
	Total	22	17	5	3.400	5	4	1		17	12	5	
Man.	1	119	71	48	1.479	48	31	17	1.824	71	49	22	2.22
	2	87	42	45	.933	45	31	14	2.214	40	29	11	2.63
Sask.	3	45	21	24	.875	24	15	9	1.667	20	14	6	2.33
	Total	251	134	117	1.145	117	77	40	1.925	131	92	39	2.35
Alta.	1	11	7	4		4	3	1		1		1	
	2	5	5										
BC	Total	16	12	4		4	3	1		1		1	
	1	2	1	1		1	1						
Total	3	1	1			1		1					
	3												
Total	3	1	2			2	1	1					
	1	4	3	1		1		1					
Total	2	10	3	7		7	4	3					
	2												
Total	14	6	8			8	4	4					
	1	18	8	10		10	4	6					
Total	2	10	6	4		4	2	2					
	2												
Total	28	14	14	1.000		14	6	8					
	Total	393	213	180	1.183	180	119	61	1.951	178	115	63	1.82

Table 25
Oldsquaw age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	12	6	6		6	4	2		2	1	2	
	2	1	1							1	1		
	Total	13	7	6		6	4	2		3	1	2	
PEI	1	17	10	7		7	4	3		10	6	4	
	Total	17	10	7		7	4	3		10	6	4	
NS	1	17	13	4		4	1	3		9	5	4	
	2	15	10	5		5	3	2		10	9	1	
	Total	32	23	9	2.556	9	4	5		19	14	5	
NB	1	3	2	1		1	1			2	1	1	
	Total	3	2	1		1	1			2	1	1	
Que.	1	35	25	10	2.500	10	1	9		24	16	8	2.000
	2	26	20	6	3.333	6	3	3		20	10	10	1.000
	Total	61	45	16	2.813	16	4	12		44	26	18	1.444
Ont.	1	14	10	4		4	2	2		10	4	6	
	2	26	20	6	3.333	6	1	5		20	7	13	.538
	3	8	4	4		4		4		4	2	2	
	Total	48	34	14	2.429	14	3	11		34	13	21	.619
BC	2	1	1										
	Total	1	1										
Total		175	122	53	2.302	53	20	33	.606	112	61	51	1.196

Table 26
Common Eider age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	46	34	12	2.833	12	7	5		18	9	9	
	2	11	8	3		3	1	2		8	2	6	
	Total	57	42	15	2.800	15	8	7		26	11	15	.733
NS	1	64	38	26	1.462	26	15	11	1.364	38	15	23	.652
	2	13	12	1		1	1			12	7	5	
	Total	77	50	27	1.852	27	16	11	1.455	50	22	28	.786
NB	1	9	3	6		6	6			3	1	2	
	Total	9	3	6		6	6			3	1	2	
Que.	1	8	7	1		1		1		7	2	5	
	2	40	34	6	5.667	6	2	4		33	14	19	.737
	Total	48	41	7	5.857	7	2	5		40	16	24	.667
Man.	2	1	1										
	Total	1	1										
Total		192	137	55	2.491	55	32	23	1.391	119	50	69	.725

Table 27
Common Scoter* age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)				
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	
Nfld.	1	1	1			2	1	1	1	
	2	3	1			2	1	1	1	
	Total	4	2			2	1	1	1	
PEI	1	1	1			1			1	
	Total	1	1			1			1	
NS	1	15	12	3		3			3	
	2	21	19	2		9.500	2	1	1	
	Total	36	31	5		6.200	5	4	1	
NB	1	3	3							
	Total	3	3							
Que.	1	38	15	23		.652	23	17	6	
	2	2	2							
	Total	40	17	23		.739	23	17	6	
Ont.	1	2	1							
	2	9	8	1						
	3	2	2							
	Total	13	11	2						
BC	2	12	6	6		6	4	2		
	Total	12	6	6		6	4	2		
Total		109	70	39	1.795		39	27	12	2.250

*In this species, immature sexual characteristics have not been determined.

Table 28
White-winged Scoter age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/females)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
PEI	1	2	2										
	Total	2	2										
NS	1	30	13	17	.765	17	8	9					
	2	9	5	4		4	2	2					
	Total	39	18	21	.857	21	10	11	.909				
NB	1	2	2										
	Total	2	2										
Que.	1	31	24	7	3.429	7	2	5		2	2		
	2	4	3	1		1	1						
	Total	35	27	8	3.375	8	3	5		2	2		
Ont.	1	7	5	2		2							
	2	21	16	5	3.200	5	3	2					
	3	6	6										
	Total	34	27	7	3.857	7	3	4		1	1		
Man.	2	5	4	1		1							
	Total	5	4	1		1							
Sask.	2	2	2										
	3	2	1	1		1							
	Total	4	3	1		1							
Alta.	1	1	1										
	2	2	2										
	Total	3	3										
BC	1	3	2	1		1							
	2	3	3										
	Total	6	5	1		1							
Total		130	91	39	2.333	39	16	23	.696	3	1	2	

Table 29
Surf Scoter age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/females)				Immature sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio	Sample	Males	Females	Ratio
Nfld.	1	9	8	1						1		1	
	2	10	5	5						5	4	1	
	Total	19	13	6						6	4	2	
PEI	1	8	2	6						6	4	2	
	Total	8	2	6						6	4	2	
NS	1	39	31	8	3.875					8	6	2	
	2	15	11	4						4	2	2	
	Total	54	42	12	3.500					12	8	4	
NB	1	9	9										
	2	3	1	2						2	1	1	
	Total	12	10	2						2	1	1	
Que.	1	43	36	7	5.143					7		7	
	2	25	20	5	4.000					5	1	4	
	Total	68	56	12	4.667					12	1	11	
Ont.	1	5	5										
	2	19	14	5						5	3	2	
	3	12	9	3						3	3	1	
	Total	36	28	8	3.500					8	3	5	
Man.	2	2	2										
	Total	2	2										
Alta.	1	1								1	1	1	
	Total	1								1	1	1	
BC	1	2	2										
	2	2	2										
	Total	4	4										
Total		204	157	47	3.340	47	22	25	.880	4	2	2	

Table 30
Ruddy Duck* age and sex ratios

Prov.	Harvest stratum	Age ratio (immatures/adult)				Adult sex ratio (males/female)			
		Sample	Immatures	Adults	Ratio	Sample	Males	Females	Ratio
NS	1	3	2	1					
	Total	3	2	1					
NB	1	3	2	1					
	Total	3	2	1					
Ont.	1	17	13	4					
	Total	17	13	4					
Man.	1	1		1					
	2	1	1						
	Total	2	1	1					
Sask.	3	2	2						
	Total	2	2						
Alta.	2	2	2						
	Total	2	2						
Total		29	22	7	3.143	4	2	2	

*In this species, immature sexual characteristics have not been determined.

