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Report on 1976 sales of the Canada migratory game bird hunting permit, waterfowl harvest, and hunter activity

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Introduction

Estimates of the number of migratory game birds killed by hunters in Canada are derived from the Harvest Survey. On the average a 7% sample is drawn from 450 000 migratory game bird permits according to 23 geographic zones across Canada. Questionnaires returned for use in estimating harvest and hunter activity represent roughly 4% of the permit sales for that year. Procedures followed in the 1976 Harvest Survey were similar to those first introduced in 1972. Sampling intensity was increased in areas where the estimates yielded high standard errors in previous surveys. The Goose Harvest Survey was developed further in 1976 by including a special goose kill questionnaire with each Harvest Survey contact.

Methods

A detailed description of the methods employed in conducting the National Harvest Surveys will be given in a separate publication (CWS, Migratory Birds Branch, in prep.). Only recent developments or changes from the 1975 survey will be described here.

In 1976 the Harvest Survey sample was drawn from 23 geographic zones according to the following categories: (i) non-renewals from the current year permit file; (ii) non-renewals from the previous year permit file; (iii) renewals from the previous year permit file; (iv) non-residents from the current year permit file (i.e. renewals and non-renewals). The fourth category forms a new subsample that was created to estimate the migratory game bird kill by non-residents.

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Table 1
Permit sales by province of purchase, 1976

Category	Year	Nfld.	PEI	NS	NB	Que.	Ont.	Man.	Sask.	Alta.	BC	NWT	Yukon	Total sales
Canadian res.		29 569	5718	13 260	13 458	65 814	135 098	42 766	56 935	74 591	26 321	890	504	464 924
Non-res.		52	38	66	285	639	8 718	3 915	4 734	1 148	240	3	9	19 847
Total	1976	29 621	5756	13 326	13 743	66 453	143 816	46 681	61 669	75 739	26 561	893	513	484 771
	1975	30 115	4963	13 990	12 930	63 768	148 670	42 846	57 723	69 191	25 918	721	485	471 320
	1974	25 127	5038	13 791	11 916	58 345	136 469	37 167	51 504	66 127	27 764	591	323	434 162
	1973	27 919	4972	15 071	12 869	57 247	141 277	41 711	51 307	67 012	33 456	-	-	452 841
	1972	23 682	4492	12 158	11 336	53 982	131 427	41 133	50 004	63 309	31 032	-	-	421 677
	1971	23 460	4513	11 381	11 146	50 276	133 563	40 960	49 448	62 902	30 225	-	-	418 237
	1970	21 347	3926	9 926	10 293	46 009	135 231	39 230	47 722	59 986	31 350	-	-	405 650
	1969	19 089	3794	8 848	10 110	39 477	134 037	41 611	45 347	53 602	32 764	-	-	389 325
	1968	17 645	3649	9 022	9 558	37 110	139 182	38 712	43 596	53 623	33 301	-	-	385 553
	1967	14 863	3094	7 883	7 739	32 491	146 493	35 620	44 651	55 892	33 195	-	-	383 032
	1966	13 269	3271	7 220	8 535	35 868	144 063	37 784	44 744	52 911	32 394	-	-	380 059

Sampling intensity was increased in New Brunswick, Quebec and Nova Scotia, areas where large standard errors were associated with the estimates in earlier years.

Results

There was a significant reduction in sales of permits in Ontario from 148 670 in 1975 to 143 816 in 1976, or 3.3% (Table 1). Only minor reductions were recorded in Newfoundland and Nova Scotia while sales in all other areas increased, resulting in an overall increase of 3% over 1975. Non-residents purchased just under 20 000 permits in 1976 or 16.5% more than in 1975 (Table 2). Most of the increase in non-resident sales occurred in Ontario, Manitoba and Saskatchewan.

Of the 42 457 hunters of migratory birds contacted in the 1976 survey (Table 3), 20 397 returned their questionnaires and 15 729 had purchased permits in 1976 (usable responses). According to their responses, 12 805 of the respondents had hunted during the 1976 season and 10 999 had been successful.

In 1976 there were fewer usable responses than in 1975 despite an increase in the number of questionnaires mailed and contacts made because the response rate decreased to 48%, the lowest since 1971 (Table 4). This resulted in a smaller sample size and an increase, in some instances, in the standard error on the estimates of duck and goose kills (Table 5). Reductions in the sampling error were made, however, in New Brunswick and Quebec where the sample was increased by 1000 and 1500, respectively.

Estimates of harvest, number of hunters, success rates and waterfowl hunter days appear in Tables 6 and 7.

Acknowledgements

The work done by R. Baroni, L. Teevens and S. Quinn in sending out and editing the harvest survey questionnaires, and by the Production Division, Computing and Applied Statistics Directorate was essential in providing the information included in this note.

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Table 2
Permit sales by resident/non-resident and renewal/non-renewal by province and zone of sale for 1976

Prov.	Survey stratum	Total permit sales			Renewals			Non-renewals		
		Total	Res.	Non-res.	Total	Res.	Non-res.	Total	Res.	Non-res.
Nfld.	01	27 227	27 182	45	19 214	19 191	23	8 013	7 991	22
	02	2 394	2 387	7	1 812	1 807	5	582	580	2
	Total	29 621	29 569	52	21 026	20 998	28	8 595	8 571	24
PEI	Total	5 756	5 718	38	4 439	4 425	14	1 317	1 293	24
NS	01	8 112	8 056	56	6 436	6 406	30	1 676	1 650	26
	02	5 214	5 204	10	3 842	3 837	5	1 372	1 367	5
	Total	13 326	13 260	66	10 278	10 243	35	3 048	3 017	31
NB	01	9 411	9 227	184	6 927	6 805	122	2 484	2 422	62
	02	4 332	4 231	101	3 080	3 030	50	1 252	1 201	51
	Total	13 743	13 458	285	10 007	9 835	172	3 736	3 623	113
Que.	01	52 090	51 659	431	40 358	40 079	279	11 732	11 580	152
	02	14 363	14 155	208	9 944	9 799	145	4 419	4 356	63
	Total	66 453	65 814	639	50 302	49 878	424	16 151	15 936	215
Ont.	01	41 441	38 319	3 122	33 986	31 577	2 409	7 455	6 742	713
	02	77 109	76 367	742	65 635	65 131	504	11 474	11 236	238
	03	25 266	20 412	4 854	18 165	15 859	2 306	7 101	4 553	2548
	Total	143 816	135 098	8 718	117 786	112 567	5 219	26 030	22 531	3499
Man.	01	38 355	35 192	3 163	32 397	30 585	1 812	5 985	4 607	1351
	02	8 326	7 574	752	6 674	6 294	380	1 652	1 280	372
	Total	46 681	42 766	3 915	39 071	36 879	2 192	7 610	5 887	1723
Sask.	01	23 986	22 278	1 708	18 119	17 185	934	5 867	5 093	774
	02	10 967	10 580	387	8 134	7 937	197	2 833	2 643	190
	03	26 716	24 077	2 639	19 124	17 802	1 322	7 592	6 275	1317
	Total	61 669	56 935	4 734	45 377	42 924	2 453	16 292	14 011	2281
Alta.	01	30 920	30 125	795	22 107	21 708	399	8 813	8 417	396
	02	44 819	44 466	353	32 342	32 176	166	12 477	12 290	187
	Total	75 739	74 591	1 148	54 449	53 884	565	21 290	20 707	583
BC	01	12 257	12 058	199	8 854	8 784	70	3 403	3 274	129
	02	14 304	14 263	41	11 378	11 368	10	2 926	2 895	31
	Total	26 561	26 321	240	20 232	20 152	80	6 329	6 169	160
NWT	Total	893	890	3	539	537	2	354	353	1
Yukon	Total	513	504	9	272	270	2	241	234	7
Total		484 771	464 924	19 847	373 778	362 592	11 186	110 993	102 332	8661

Table 3
Sample selection and response to the Harvest Survey questionnaire, 1976

Prov.	Stratum	Contacts ^a	Responses ^b	% ^c	Characteristics of sample				
					Permit purchasers ^d	Active hunters	% ^e	Successful hunters	% ^f
Nfld.	01	2 968	1 135	38.2	893	575	64.4	363	40.6
	02	1 239	215	17.3	177	143	80.8	103	58.2
	Total	4 207	1 350	32.1	1 070	718	67.1	466	43.6
PEI	Total	1 039	343	33.0	270	227	84.1	197	73.0
NS	01	1 555	695	44.7	546	461	84.4	410	75.1
	02	1 318	656	49.8	450	377	83.8	278	61.8
	Total	2 873	1 351	47.0	996	838	84.1	688	69.1
NB	01	2 268	1 152	50.8	877	713	81.3	579	66.0
	02	1 067	439	41.1	326	214	65.6	178	54.6
	Total	3 335	1 591	47.7	1 203	927	77.1	757	62.9
Que.	01	3 389	1 922	56.7	1 396	1 154	82.7	1 049	75.1
	02	1 507	811	53.8	578	421	72.8	363	62.8
	Total	4 896	2 733	55.8	1 974	1 575	79.8	1 412	71.5
Ont.	01	3 005	1 592	53.0	1 248	997	79.9	845	67.7
	02	1 591	908	57.1	756	617	81.6	496	65.6
	03	2 623	1 456	55.5	1 068	806	75.5	676	63.3
	Total	7 219	3 956	54.8	3 072	2 420	78.8	2 017	65.7
Man.	01	2 510	1 427	56.8	1 210	1 101	91.0	946	78.2
	02	1 248	609	48.8	478	423	88.5	377	78.9
	Total	3 758	2 036	54.2	1 688	1 524	90.3	1 323	78.4
Sask.	01	1 372	631	46.0	509	450	88.4	420	82.5
	02	2 005	834	41.6	652	585	89.7	539	82.7
	03	2 097	999	47.6	827	729	88.1	692	83.7
	Total	5 474	2 464	45.0	1 988	1 764	88.7	1 651	83.0
Alta.	01	2 036	1 007	49.5	782	649	83.0	568	72.6
	02	3 697	1 657	44.8	1 267	1 070	84.5	978	77.2
	Total	5 733	2 664	46.5	2 049	1 719	83.9	1 546	75.5
BC	01	1 384	741	53.5	538	427	79.4	359	66.7
	02	1 418	643	45.3	465	375	80.6	340	73.1
	Total	2 802	1 384	49.4	1 003	802	80.0	699	69.7
NWT	Total	642	291	45.3	242	163	67.4	139	57.4
Yukon	Total	479	234	48.8	174	128	73.6	104	59.8
Total		42 457	20 397	48.0	15 729	12 805	81.4	10 999	69.9

^aContacts are questionnaires that have been successfully delivered.
^bResponses are questionnaires that have been completed and returned.
^cPercent of contacts for which responses were received.
^dRespondents who bought a permit in 1976 (usable responses).
^ePercent of permit purchasers that actively hunted.
^fPercent of permit purchasers that hunted successfully.

Table 4
Sample selection and response to the Harvest Survey questionnaire, 1972-76

Year	Permit sales	Contacts ^a	% ^b	Responses ^c	% ^d	Permit purchasers ^e	% ^f	Active hunters	% ^g	Successful hunters	% ^h
1972	421 677	25 851	6.1	15 400	59.6	11 796	76.6	9 199	78.0	7 107	60.2
1973	452 841	26 125	5.8	13 461	51.5	10 761	79.9	8 472	78.7	6 912	64.2
1974	434 162	28 845	6.6	15 594	54.1	11 747	75.3	9 611	81.8	8 013	68.2
1975	471 320	37 109	7.9	20 648	55.6	15 872	76.9	12 980	81.8	11 170	70.4
1976	484 771	42 457	8.8	20 397	48.0	15 729	77.1	12 805	81.4	10 999	69.9
Average	452 954	32 077	7.0	17 100	53.8	13 181	77.2	10 613	80.3	8 840	66.6

^aContacts are questionnaires that have been successfully delivered.

^bContacts as a percent of permit sales.

^cResponses are questionnaires that have been completed and returned.

^dPercent of contacts for which responses were received.

^eRespondents who bought a permit in 1976 (usable responses).

^fPercent of respondents that bought a permit.

^gPercent of permit purchasers that actively hunted.

^hPercent of permit purchasers that hunted successfully.

Table 5
Ninety percent confidence intervals on duck and goose kill estimates from the National Harvest Survey 1974-76

Province	Year	Respondents	Active waterfowl hunters		Duck harvest		Goose harvest	
			Estimate	Conf. interval (%)	Estimate	Conf. interval (%)	Estimate	Conf. interval (%)
Nfld.	1974	861	17 482	±5.4	103 837	±23.6	8 222	±24.9
	1975	1 307	19 580	±4.6	101 696	±11.2	8 152	±24.1
	1976	1 070	19 284	±4.8	98 397	±13.1	8 455	±22.9
PEI	1974	305	4 400	±6.8	31 417	±17.2	11 321	±26.4
	1975	344	4 204	±6.5	28 445	±15.2	6 354	±24.9
	1976	270	4 903	±6.9	37 439	±16.4	18 196	±23.0
NS	1974	921	11 010	±5.0	105 483	±13.6	5 160	±27.6
	1975	1 083	10 989	±4.1	117 994	±10.5	9 431	±24.9
	1976	996	10 876	±4.3	117 857	±10.6	10 954	±20.7
NB	1974	779	9 145	±5.1	58 723	±12.7	3 073	±33.9
	1975	949	9 214	±5.3	59 062	±12.7	2 990	±36.2
	1976	1 203	9 821	±4.1	68 593	±9.7	6 538	±27.9
Que.	1974	1 515	51 280	±3.6	569 656	±9.8	53 796	±16.6
	1975	1 587	51 705	±3.6	467 892	±8.9	52 223	±17.1
	1976	1 974	53 002	±3.2	602 901	±7.4	53 238	±17.8
Ont.	1974	2 129	106 328	±2.7	811 571	±6.4	47 634	±19.2
	1975	2 928	114 870	±2.7	938 303	±6.1	50 773	±19.1
	1976	3 072	110 499	±2.7	976 419	±6.3	50 408	±17.7
Man.	1974	1 131	33 009	±3.5	249 590	±8.1	88 518	±12.4
	1975	1 793	38 368	±2.5	299 222	±6.2	152 394	±7.0
	1976	1 688	42 217	±2.5	352 343	±6.1	98 505	±8.5
Sask.	1974	1 473	49 315	±2.9	699 662	±6.5	91 034	±10.8
	1975	2 072	55 507	±2.4	807 296	±5.1	157 146	±7.5
	1976	1 988	57 808	±2.5	807 844	±5.1	147 985	±8.3
Alta.	1974	1 330	63 859	±3.0	1 014 273	±7.3	93 184	±13.7
	1975	2 405	59 840	±2.7	850 709	±5.2	120 481	±9.1
	1976	2 049	65 310	±2.6	886 552	±5.7	112 673	±9.8
BC	1974	892	18 941	±3.8	210 945	±6.2	11 566	±34.4
	1975	1 033	17 030	±5.1	236 223	±9.2	12 783	±20.9
	1976	1 003	17 375	±5.2	231 203	±12.3	11 490	±22.2
NWT	1974	169	526	±47.9	5 269	±24.1	375	±78.1
	1975	193	1 156	±28.3	9 541	±46.4	1 634	—
	1976	242	2 131	±17.7	29 173	±27.0	1 726	±73.2
Yukon	1974	283	215	±36.3	1 097	±26.0	93	±56.0
	1975	178	467	±19.7	5 003	±40.3	424	±91.1
	1976	174	409	±12.7	3 903	±23.1	241	±49.2
Total	1974	11 747	365 516	±1.2	3 861 529	±3.3	413 985	±5.8
	1975	15 872	382 935	±1.1	3 921 392	±2.5	574 790	±4.2
	1976	15 729	393 635	±1.1	4 212 624	±2.5	520 409	±4.5

Table 6
Number of successful hunters and birds harvested 1974-76

Species group	Survey stratum	Successful hunters			Birds harvested			Birds harvested/ successful hunter		
		1974	1975	1976	1974	1975	1976	1974	1975	1976
Newfoundland										
Ducks	01	10 295	11 249	10 048	82 510	80 957	76 267	8.01	7.20	7.59
	02	1 608	1 458	1 429	21 326	20 738	22 130	13.26	14.22	15.47
	Total	11 903	12 707	11 478	103 836	101 695	98 397	8.72	8.00	8.57
Geese	01	1 640	1 977	1 832	5 056	4 562	5 815	3.08	2.31	3.17
	02	828	674	542	3 166	3 588	2 640	3.82	5.32	4.87
	Total	2 468	2 651	2 374	8 222	8 150	8 455	3.33	3.07	3.56
Prince Edward Island										
Ducks	01	3 105	3 040	3 577	31 417	28 445	37 439	10.12	9.36	10.47
	Total	3 105	3 040	3 577	31 417	28 445	37 439	10.12	9.36	10.47
Geese	01	2 104	1 501	2 612	11 321	6 354	18 196	5.38	4.23	6.97
	Total	2 104	1 501	2 612	11 321	6 354	18 196	5.38	4.23	6.97
Nova Scotia										
Ducks	01	4 183	4 816	5 287	65 169	78 556	84 896	15.58	16.31	16.06
	02	4 011	3 706	3 330	40 314	39 438	32 961	10.05	10.64	9.90
	Total	8 194	8 522	8 617	105 483	117 994	117 857	3.06	5.25	13.68
Geese	01	1 021	1 276	1 440	3 123	6 710	7 622	3.06	5.25	5.29
	02	702	916	834	2 036	2 718	3 331	2.90	2.96	3.99
	Total	1 723	2 192	2 275	5 159	9 428	10 954	2.99	4.30	4.81
New Brunswick										
Ducks	01	4 976	4 969	5 071	42 547	41 098	47 370	8.55	8.27	9.34
	02	2 193	2 346	2 409	16 176	17 963	21 223	7.38	7.66	8.81
	Total	7 169	7 315	7 481	58 723	59 061	68 593	8.19	8.07	9.17
Geese	01	446	274	571	1 381	903	2 500	3.09	3.30	4.37
	02	698	734	924	1 691	2 085	4 038	2.42	2.84	4.37
	Total	1 145	1 008	1 496	3 072	2 988	6 538	2.68	2.96	4.37
Quebec										
Ducks	01	34 953	33 703	35 599	487 123	384 911	489 695	13.94	11.42	13.76
	02	8 050	8 447	9 421	82 533	82 981	113 206	10.25	9.82	12.02
	Total	43 003	42 150	45 020	569 656	467 892	602 901	13.25	11.10	13.39
Geese	01	10 767	6 910	7 392	34 147	36 025	38 693	3.17	5.21	5.23
	02	3 859	2 561	2 730	19 648	16 196	14 544	5.09	6.32	5.23
	Total	14 626	9 471	10 123	53 795	52 221	53 238	3.68	5.51	5.26
Ontario										
Ducks	01	19 228	21 800	22 748	206 011	253 202	302 279	10.71	11.61	13.29
	02	50 138	52 554	50 106	470 015	504 590	508 288	9.37	9.60	10.14
	03	14 110	15 587	14 229	135 543	180 510	165 852	9.61	11.58	11.66
	Total	83 476	89 941	87 083	811 569	938 302	976 419	9.72	10.43	11.21
Geese	01	3 597	3 754	4 624	12 356	10 383	15 478	3.43	2.77	3.35
	02	6 598	5 604	5 113	20 696	14 144	16 679	3.14	2.52	3.26
	03	2 752	3 656	2 742	14 570	26 243	18 249	5.30	7.18	6.65
	Total	12 948	13 014	12 481	47 631	50 770	50 408	3.68	3.90	4.04

Table 6 (cont'd)
Number of successful hunters and birds harvested 1974-76

Species group	Survey stratum	Successful hunters			Birds harvested			Birds harvested/ successful hunter		
		1974	1975	1976	1974	1975	1976	1974	1975	1976
Manitoba										
Ducks	01	19 236	20 016	22 766	186 489	206 055	244 658	9.69	10.29	10.75
	02	6 072	7 459	8 743	63 101	93 166	107 684	10.39	12.49	12.32
	Total	25 308	27 476	31 510	249 590	299 221	352 343	9.86	10.89	11.18
Geese	01	12 469	19 010	14 250	67 889	118 935	71 131	5.44	6.26	4.99
	02	4 050	5 147	5 578	20 627	33 458	27 374	5.09	6.50	4.91
	Total	16 519	24 157	19 828	88 516	152 394	98 505	5.36	6.31	4.97
Saskatchewan										
Ducks	01	18 062	21 397	20 988	269 431	315 851	283 939	14.92	14.76	13.53
	02	8 922	8 345	9 059	171 181	192 270	169 786	19.19	20.57	18.74
	03	16 805	19 089	20 920	259 049	299 174	354 118	15.41	15.67	16.93
	Total	43 789	49 831	50 968	699 662	807 295	807 844	15.98	16.20	15.85
Geese	01	10 827	14 302	15 251	58 764	105 053	95 918	5.43	7.35	6.29
	02	2 467	3 108	2 498	8 649	15 570	13 062	3.51	5.01	5.23
	03	5 687	7 881	7 948	23 618	36 521	39 004	4.15	4.63	4.91
	Total	18 981	25 291	25 697	91 031	157 144	147 985	4.80	6.21	5.76
Alberta										
Ducks	01	24 441	22 442	21 240	371 484	299 070	263 298	15.20	13.33	12.40
	02	32 728	28 933	33 756	642 788	551 639	623 254	19.64	19.07	18.46
	Total	57 169	51 375	54 996	1 014 272	850 709	886 552	17.74	16.56	16.12
Geese	01	10 764	11 787	11 945	57 782	78 246	71 536	5.37	6.64	5.99
	02	7 171	7 939	8 761	35 400	42 234	41 136	4.94	5.32	4.70
	Total	17 935	19 726	20 706	93 182	120 480	112 673	5.20	6.11	5.44
British Columbia										
Ducks	01	6 695	7 177	6 954	64 952	86 626	81 999	9.70	12.07	11.79
	02	7 548	7 332	6 999	145 993	149 597	149 203	19.34	20.40	21.32
	Total	14 243	14 509	13 953	210 945	236 223	231 203	14.81	16.28	16.57
Geese	01	1 706	2 261	1 896	6 120	8 271	5 748	3.59	3.66	3.03
	02	1 497	1 049	1 105	5 444	4 511	5 741	3.64	4.30	5.20
	Total	9 203	3 310	3 001	11 564	12 782	11 490	3.61	3.86	3.83
Northwest Territories										
Ducks	01	459	848	1 919	5 269	9 541	29 173	11.48	11.24	15.20
	Total	459	848	1 919	5 269	9 541	29 173	11.48	11.24	15.20
Geese	01	44	79	266	376	1 633	1 726	8.52	20.57	6.47
	Total	44	79	266	375	1 633	1 726	8.52	20.57	6.47
Yukon Territory										
Ducks	01	167	344	300	1 097	5 003	3 903	6.55	14.51	12.98
	Total	167	344	300	1 097	5 003	3 903	6.55	14.51	12.98
Geese	01	28	99	69	93	424	241	3.32	4.27	3.48
	Total	28	99	69	93	424	241	3.32	4.27	3.48
Canada Total										
Ducks		297 996	308 068	316 902	3 861 529	3 921 392	4 212 624	12.96	12.73	13.29
Geese		91 724	102 506	100 928	413 981	574 785	520 459	4.51	5.61	5.16

POINTS ET
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 FISHERIES AND
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Table 7
Recreational activity provided by the hunting of ducks and geese, 1976

Prov.	Survey stratum	Sales	Active hunters	Successful hunters	Harvest	Recreation days	S. Bag* (ave.)	D. Bag† (ave.)	R. Days‡ (ave.)
Nfld.	01	27 227	17 215	10 157	82 083	183 623	4.8	1.3	10.7
	02	2 394	2 068	1 496	24 770	19 814	12.0	0.5	9.6
	Total	29 621	19 283	11 653	106 853	203 437	5.5	0.5	10.6
PEI	Total	5 756	4 903	4 193	55 636	59 177	11.3	0.9	12.1
NS.	01	8 112	6 252	5 380	92 518	75 015	14.8	1.2	12.0
	02	5 214	4 623	3 440	36 293	45 279	7.9	0.8	9.8
	Total	13 326	10 875	8 820	128 811	120 294	11.8	1.1	11.1
NB	01	9 411	6 676	5 104	49 871	42 013	7.5	1.2	6.3
	02	4 332	3 145	2 522	25 261	29 058	8.0	0.9	9.2
	Total	13 743	9 821	7 626	75 132	71 071	7.7	1.1	7.2
Que.	01	52 090	41 658	36 058	528 389	368 949	12.7	1.4	8.9
	02	14 363	11 344	9 726	127 750	109 471	11.3	1.2	9.7
	Total	66 453	53 002	45 784	656 139	478 420	12.4	1.4	9.0
Ont.	01	41 441	28 101	22 913	317 758	243 583	11.3	1.3	8.7
	02	77 109	63 638	50 507	524 967	422 356	8.3	1.2	6.6
	03	25 266	18 759	14 679	184 102	137 654	9.8	1.3	7.3
	Total	143 816	110 498	88 099	1 026 827	803 593	9.3	1.3	7.3
Man.	01	38 355	30 895	26 374	315 790	218 052	10.2	1.4	7.1
	02	8 326	11 322	10 055	135 059	83 916	11.9	1.6	7.4
	Total	46 681	42 217	36 429	450 849	301 968	10.7	1.5	7.2
Sask.	01	23 986	24 476	22 974	379 858	172 650	15.5	2.2	7.1
	02	10 967	10 258	9 275	182 849	82 328	17.8	2.2	8.0
	03	26 716	23 073	21 423	393 122	175 787	17.0	2.2	7.6
	Total	61 669	57 807	53 672	955 829	430 765	16.5	2.2	7.5
Alta.	01	30 920	27 071	23 915	334 835	186 789	12.4	1.8	6.9
	02	44 819	38 239	34 416	664 391	293 298	17.4	2.3	7.7
	Total	75 739	65 310	58 331	999 226	480 087	15.3	2.1	7.4
BC	01	12 257	9 121	7 252	87 748	64 792	9.6	1.4	7.1
	02	14 304	8 253	7 099	154 945	86 218	18.8	1.8	10.4
	Total	26 561	17 374	14 351	242 693	151 010	14.0	1.6	8.7
NWT	Total	893	2 131	1 929	30 900	13 110	14.5	2.4	6.2
Yukon	Total	513	409	325	4 144	2 705	10.1	1.5	6.6
Total		484 771	393 630	331 212	4 733 039	3 115 637	12.0	1.5	7.9

*S. Bag = average seasonal bag per active hunter.
 †D. Bag = average daily bag per active hunter.
 ‡R. Days = average recreation days per active hunter.