

Conservation Education Statistics 2013

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Province of New Brunswick
PO 6000, Fredericton NB E3B 5H1

www.gnb.ca

2014.09

ISSN 1708-6086
ISBN 978-1-4605-0638-7 (Print edition)
ISBN 978-1-4605-0639-4 (PDF, English)
ISBN 978-1-4605-0640-0 (PDF, French))

Printed in New Brunswick

9918

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DNR Regional Boundaries



Introduction

The following report represents a summary of the various Conservation Education courses offered in 2013 by the Department of Natural Resources.

As of 1995, Regulation required that:

- All gun hunters, born on or after Jan. 1, 1981, and all first-time hunters and trappers must complete the Firearm Safety/Hunter Education course.
- All trappers, born on or after Jan. 1, 1981, and all first-time trappers must complete a Trapper Education course and a Firearm Safety/Hunter Education course.
- All bow hunters and crossbow hunters must complete a “stand-alone” Bowhunter Education course.

The Department of Natural Resources provides training and testing for mandated courses through a network of staff and volunteer instructors.

Fish and game clubs, shooting clubs, the New Brunswick Bowhunter Education Association, the New Brunswick Trappers and Fur Harvesters Federation and various other organizations provide a valuable service by sponsoring courses and providing the volunteer instructors. We extend our thanks to all these organizations and the many volunteers who participated in the delivery of these programs.

A special thank you to all the many Department of Natural Resources staff, volunteer instructors, fish and game organizations and shooting clubs who provided their time and facilities in support of these many programs.

Summary

A total of 206 Conservation Education courses plus 43 bow challenge sessions and 415 Firearm Safety challenge sessions were offered in 2013 to 5,626 students. A total of 5,372— or more than 95 per cent of these students— were successful and received their certification.

In addition, three nuisance wildlife control operator training courses were offered, with a total of 58 students certified.

Courses Offered

The following is a breakdown of courses offered and students certified under the Conservation Education Program in 2013:

Bow Challenges		Firearm Safety Challenges	
Challenge Sessions	43	Challenge Sessions	232
# of Students Certified	76	# of Students Certified	816
# of Students Failed	6	# of Students Failed	33
Bowhunter Education Courses			
# of Courses	26	<i>Sponsoring Agency</i>	<i># of Students</i>
# of Students Certified	398	Department of Natural Resources	26
# of Students Failed	9	Non DNR	381
Average Class Size	15.65		
Firearm Safety Only Courses			
# of Courses	12	<i>Sponsoring Agency</i>	<i># of Students</i>
# of Students Certified	126	Department of Natural Resources	19
# of Students Failed	8	Non DNR	115
Average Class Size	11.17		
Firearm Safety Hunter Education Courses			
# of Courses	159	<i>Sponsoring Agency</i>	<i># of Students</i>
# of Students Certified	3184	Department of Natural Resources	345
# of Students Failed	146	Non DNR	2985
Average Class Size	20.94		
Firearm Safety/Hunter Education Home Study			
# of Courses	232	<i>Sponsoring Agency</i>	<i># of Students</i>
# of Students Certified	579	Department of Natural Resources	624
# of Students Failed	51	Non DNR	6
Nuisance Wildlife Control Operators Course			
# of Courses	3	<i>Sponsoring Agency</i>	<i># of Students</i>
# of Students Certified	58	Department of Natural Resources	58
# of Students Failed	0	Non DNR	0
Average Class Size	19.33		
Trapper Education Courses			
# of Courses	9	<i>Sponsoring Agency</i>	<i># of Students</i>
# of Students Certified	193	Department of Natural Resources	0
# of Students Failed	1	Non DNR	194
Average Class Size	21.56		

Number of Students – All Courses

Region	# of Courses ¹		# of Students		# of Minor Students 11 – 17 years		# of Adult Students 18 years or older		# of Female Students	
	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
1	108	117	826	791	155	164	614	568	151	183
2	143	158	1379	1418	329	267	939	1028	209	259
3	252	294	2040	2458	592	543	1323	1652	340	533
4	146	144	903	959	297	269	538	551	196	232
Total	649	713	5148²	5626³	1373	1243	3414	3799	896	1207

1 Includes: Bowhunter Education, Firearm Safety Only, Firearm Safety/Hunter Education, Firearm Safety/Hunter Education Home Study, Trapper Education course participants

2 Includes 1,079 challenge students – 2012

3 Includes 931 challenge students – 2013

* Students between the ages of 11 and 12 were allowed to participate in the Firearm Safety/Hunter Education, Bowhunter Education, and Firearm Safety Only courses as of September 1, 2012.

Challenge Students	FS	BOW
<i>Region 1</i>	144	4
<i>Region 2</i>	225	32
<i>Region 3</i>	320	28
<i>Region 4</i>	160	18
Total	849	82

Average Class Size (Excluding Challenge Students)

- 2012: 10.9 (4,069 students; 374 courses)
- 2013: 10.9 (4,695 students; 432 courses)

Hunter Education Students: 1993 – 2013

The following is a yearly count of students that have completed the Firearm Safety/Hunter Education Program from 1993 – 2013. The total since 1972 is also provided.

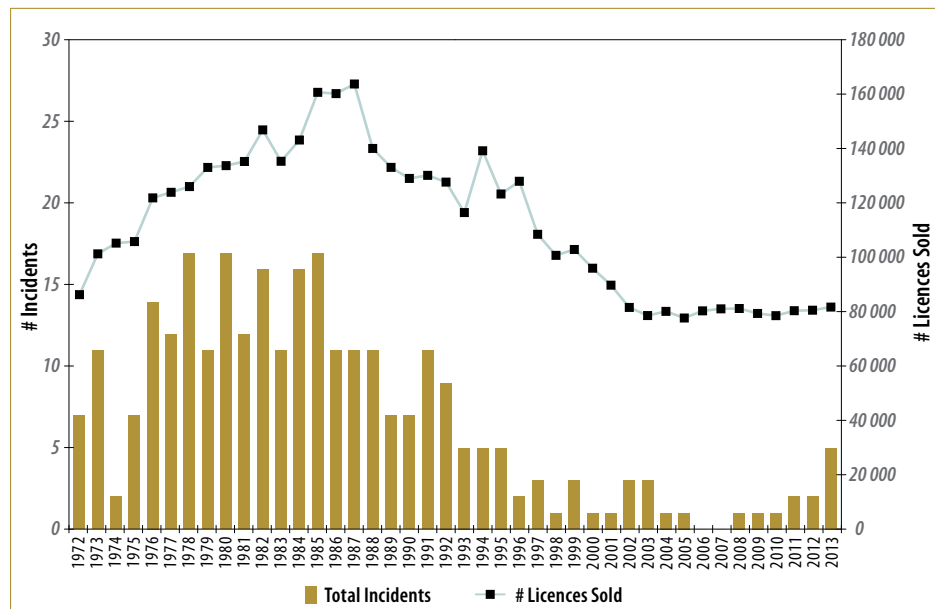
Year	# of Students
2013	3184
2012	2858
2011	2020
2010	1982
2009	1813
2008	1834
2007	1756
2006	1502
2005	1385
2004	1289
2003	1576
2002	2101
2001	2211
2000	2752
1999	2405
1998	2283
1997	2311
1996	2615
1995	2533
1994	1751
1993	2862
TOTAL	82 149

In 1994, the Hunter Education course was expanded to the current Firearm Safety/Hunter Education Program.

38% of students completed the Hunter Education program from January 1 – March 31, 1994. Sixty-two per cent of students completed the Firearm Safety / Hunter Education Program from April 1 – December 31, 1994.

NOTE: It is estimated that approximately 20,000 students, in addition to the above, were certified under the National Rifle Association Program, offered from 1952 – 1972. This brings the total students certified in New Brunswick as of 2013 to 102,149.

Hunting Related Incidents: 1972 – 2013



Hunting Related Incidents: 1972 – 2013

Year	# of Hunting Licences Issued	Fatal Incidents ¹		Non Fatal Incidents ²	Total	Incident Rate (per 100,000 Licences Issued)
		Firearms	Other			
1972	86,747	3	0	4	7	8.1
1973	101,838	3	1	7	11	10.8
1974	105,806	1	0	2	3	2.8
1975	106,376	1	0	6	7	6.6
1976	122,537	0	0	14	14	11.4
1977	124,601	2	0	11	13	10.4
1978	126,713	0	0	17	17	13.4
1979	133,796	1	0	10	11	8.2
1980	134,462	5	4	8	17	12.6
1981	136,000	3	3	6	12	8.8
1982	147,680	1	1	14	16	10.8
1983	136,075	1	0	10	11	8.1
1984	143,937	2	0	14	16	10.7
1985	161,572	1	0	16	17	10.5
1986	161,094	1	0	10	11	6.8
1987	164,650	2	0	9	11	6.7
1988	140,821	2	0	9	11	7.8
1989	133,817	3	0	4	7	5.2
1990	129,733	3	0	4	7	5.4
1991	130,867	1	0	10	11	8.4
1992	128,374	0	0	9	9	7.0
1993	117,104	0	0	5	5	4.3
1994	139,955	0	0	5	5	3.6
1995	123,971	2	0	3	5	4.0
1996	128,680	0	0	2	2	1.6
1997	109,070	1	0	2	3	2.8
1998	101,282	0	0	1	1	0.9
1999	103,454	3	0	0	3	2.9
2000	96,529	0	0	1	1	1.0
2001	90,254	0	0	1	1	1.1
2002	82,025	0	0	3	3	3.7
2003	79,016	0	0	3	3	3.8
2004	80,565	0	0	1	1	1.2
2005	78,111	0	0	1	1	1.3
2006	80,758	0	0	0	0	0
2007	81,499	0	0	0	0	0
2008	81,627	0	0	1	1	1.2
2009	79,798	0	0	1	1	1.2
2010	78,978	1	0	0	1	1
2011	80,812	2	0	0	2	2
2012	84,791	0	0	2	2	2
2013	86,354	0	0	0	0	0
Total	4,738,338	45	9	226	280	5.2

1 A fatal hunting incident includes both firearm and non firearm incidents such as drowning, which occur while hunting.

2 A non-fatal hunting incident is defined as any hunting incident involving the accidental discharge of a firearm. Such incidents occur during the hunt or while the hunter is travelling to or from their hunting location.

Conservation Education: Regional Summary 2013

Courses by Region	Classroom Courses					Challenges				
	Bowhunter Education	Firearm Safety Only	Firearm Safety/ Hunter Education	Nuisance Wildlife Control Operator	Trapper Education	Bowhunter	Firearm Safety*	Firearm Safety/ Hunter Education Home Study	Hunter Education Home Study	
REGION 1										
Courses	3	2	26	0	2	4	46	29	5	
Course Hours	24	16	416	0	36	0	0	0	0	
# of Students	46	22	454	0	31	4	146	81	7	
# of Instructors ¹	6	7	43	0	8	5	18	17	6	
Average Course Hours	8	8	16	0	18	0	0	0	0	
REGION 2										
Courses	6	3	41	0	2	17	45	28	16	
Course Hours	48	24	665	0	35	0	0	0	0	
# of Students	80	36	847	0	35	32	229	137	22	
# of Instructors ¹	11	10	55	0	12	5	22	21	10	
Average Course Hours	8	8	16.2	0	17.5	0	0	0	0	
REGION 3										
Courses	11	7	68	2	3	17	90	74	24	
Course Hours	92	60	1144	15	51	0	0	0	0	
# of Students	192	76	1475	49	87	28	323	246	31	
# of Instructors ¹	21	29	134	2	16	7	40	36	16	
Average Course Hours	8.4	8.6	16.8	7.5	17	0	0	0	0	
REGION 4										
Courses	6	0	24	1	2	5	59	44	4	
Course Hours	48	0	427	8	34	0	0	0	0	
# of Students	89	0	554	9	41	18	160	93	4	
# of Instructors ¹	10	0	34	2	5	5	21	18	5	
Average Course Hours	8	0	17.8	8	17	0	0	0	0	
T O T A L S	Courses	26	12	159	3	9	43	240	175	49
	Course Hours	212	100	2652	23	156	0	0	0	0
	# of Students	407	134	3330	58	194	82	858	557	64
	# of Instructors	48	46	266	4	41	22	101	92	37
	Average Course Hours	8.2	8.3	16.7	7.7	17.3	0	0	0	0

1 Active instructors includes both DNR staff and volunteer instructors.

* Firearm Safety Challenge includes students enrolled in Firearm Safety Home Study.

Student Age Comparisons

Firearm Safety/Hunter Education 2002 – 2013

Year	11 – 15 Years of Age ¹	16 – 18 Years of Age	19 Years and Older	Total
2013	1460	324	1545	3329
2012	1437	250	1266	2953
2011	764	215	1085	2064
2010	787	229	1022	2038
2009	701	204	958	1863
2008	692	203	966	1861
2007	687	248	839	1774
2006	659	219	652	1530
2005	654	224	535	1413
2004	637	185	509	1331
2003	563	183	855	1601

1 Students between the ages of 11 and 12 were allowed to participate in the Firearm Safety/Hunter Education course as of September 1, 2012.

Conservation Education 2013

Course	11 – 15 Years of Age ²	16 – 18 Years of Age	19 Years and Older	Total
Bow Challenges ²	0	4	78	82
Firearm Safety Challenges ²	0	5	844	849
Bowhunter Education ³	50	43	314	407
Firearm Safety Only ³	2	7	125	134
Firearm Safety/Hunter Education ³	1460	324	1545	3329
Firearm Safety/Hunter Education Home Study ²	0	30	600	630
Trapper Education	33	23	136	192

2 Bow Challenge, Firearm Safety Challenge, and Firearm Safety/Hunter Education Home Study options are only offered to persons 18 years of age and older.

3 Students between the ages of 11 and 12 were allowed to participate in the Firearm Safety/Hunter Education, Bowhunter Education, and Firearm Safety Only courses as of September 1, 2012.

Instructors Certified in 2013

Region	Bowhunter Education	Firearm Safety/ Hunter Education	Master & Senior Firearm Safety/Hunter Education	Trapper Education	Total
1	2	1	2	0	5
2	6	14	0	5	25
3	3	29	4	4	40
4	1	1	1	0	3
N/A	0	6	0	1	7
Total	12	51	7	10	80

Instructor/DNR Staff Course Participation for Province in 2013

Courses	Bow Challenges	Firearm Safety Challenges	Bowhunter Education	Firearm Safety Only	Firearm Safety/ Hunter Education	Firearm Safety/ Hunter Education Home Study	Firearm Safety - Home Study	Hunter Education - Home Study	Nuisance Wildlife Control Operator	Trapper Education
Total Course Hours	0	0	212	100	2652	0	0	0	23	156
Volunteer Instructor Hours	0	0	285	96	2337	0	0	0	9	181
Volunteer Testing Hours	0	105	0	77	1184	63	1	4	0	26
Department Instructor Hours	0	0	30	57	1284	0	0	0	6	90
Department Monitor Hours	0	0	21	40	887	0	0	0	0	46
Department Test Hours	50	994	17	48	1561	739	11	56	0	12
NBBEA Test Hours	16	0	52	0	0	0	0	0	0	0
Total Department Hours	50	994	68	145	3732	739	11	56	6	148

Total Course Hours	3143
Total Volunteer Instructor Hours	2908
Total NBBEA Test Hours	68
Total Volunteer Test Hours	1460
Total Department Hours (Instruction, Monitoring, And Testing)	5949
Total Department and Volunteer Hours	10385

Instructor/DNR Staff Course Participation by Region in 2013

Courses	Bow Challenges	Firearm Safety Challenges	Bowhunter Education	Firearm Safety Only	Firearm Safety/ Hunter Education	Firearm Safety/ Hunter Education Home Study	Firearm Safety - Home Study	Hunter Education - Home Study	Nuisance Wildlife Control Operator	Trapper Education
REGION 1										
Total Course Hours	0	0	24	16	416	0	0	0	0	36
Volunteer Instructor Hours	0	0	32	14	300	0	0	0	0	31
Volunteer Testing Hours	5	3	7	4	98	0	0	0	0	4
Department Instructor Hours	0	0	0	2	133	0	0	0	0	33
Department Monitor Hours	0	0	8	3	152	0	0	0	0	0
Department Test Hours	1	195	0	8	199	137	4	7	0	4
TOTAL DEPARTMENT HOURS	1	195	8	13	484	137	4	7	0	37
REGION 2										
Total Course Hours	0	0	48	24	665	0	0	0	0	35
Volunteer Instructor Hours	0	0	91	10	383	0	0	0	0	31
Volunteer Testing Hours	0	48	9	7	119	21	1	1	0	9
Department Instructor Hours	0	0	6	15	395	0	0	0	0	35
Department Monitor Hours	0	0	11	12	202	0	0	0	0	10
Department Test Hours	20	233	5	19	670	141	4	22	0	3
TOTAL DEPARTMENT HOURS	20	233	22	46	1267	141	4	22	0	48
REGION 3										
Total Course Hours	0	0	92	60	1144	0	0	0	15	51
Volunteer Instructor Hours	0	0	135	72	1486	0	0	0	9	97
Volunteer Testing Hours	10	39	29	66	868	37	0	3	0	11
Department Instructor Hours	0	0	3	40	448	0	0	0	0	10
Department Monitor Hours	0	0	3	25	380	0	0	0	0	16
Department Test Hours	16	349	2	21	397	298	3	21	0	3
TOTAL DEPARTMENT HOURS	16	349	5	86	1225	298	3	21	0	29
REGION 4										
Total Course Hours	0	0	48	0	427	0	0	0	8	34
Volunteer Instructor Hours	0	0	27	0	168	0	0	0	0	22
Volunteer Testing Hours	1	15	7	0	99	5	0	0	0	2
Department Instructor Hours	0	0	21	0	308	0	0	0	6	12
Department Monitor Hours	0	0	2	0	153	0	0	0	0	20
Department Test Hours	13	217	10	0	295	163	0	6	0	2
TOTAL DEPARTMENT HOURS	13	217	33	0	756	163	0	6	6	34

Conservation Education Certification

April 1, 1994 – December 31, 2013

Course	# of Courses	# of Students Certified	# of Students Failed	# of Instructors
Bow Challenge	482	887	65	103
Bowhunter Education	524	6298	74	216
Firearm Safety / Hunter Education	2425	41,473	1596	843
Firearm Safety Challenge	5517	18,530	2019	323
Firearm Safety Only	338	3157	341	345
Firearm Safety/Hunter Education Home Study	1539	2937	174	185
Outdoor Heritage Camp	28	285	30	19
Trapper Education	207	2365	13	131