



BIG GAME HARVEST REPORTS 2022



**FISH AND WILDLIFE BRANCH
Natural Resources and Energy Development**

MOOSE HARVEST REPORT – 2022

Summary

Each year, moose licence quotas are established for each Wildlife Management Zone open to moose hunting. The moose licence quota does not indicate the desired moose harvest level; rather, it indicates the number of licences needed to reach the desired moose harvest level. Licence quotas are affected by several factors, most importantly the estimate of moose population size, the amount of unregulated moose harvest, and the success rate of hunters in the regulated hunt. Changes in those factors often cause moose licence quotas to fluctuate up and down from year-to-year, even when moose populations and harvest targets are stable or increasing, as has been the case in the past few years. The resident moose licence quota in 2022 was 5,105 licences, a slight increase from 2021 (4,817 licences).

A total of 55,959 NB residents, 2,501 non-residents, and 73 outfitters and guides submitted applications to the moose licence draw in 2022; 5,105 resident, 25 non-resident, and 75 outfitter and guide applicants were successful. A total of 78% of resident moose licence holders chose to designate another resident hunter to accompany them on their licence.

The total registered moose harvest in 2022 was 3,611 moose. Resident hunters harvested 3,539 moose, while non-residents took 72 moose. The overall hunter success rate was 71%. The online big game harvest registration service had 444 moose registered this season (12% of total harvest).

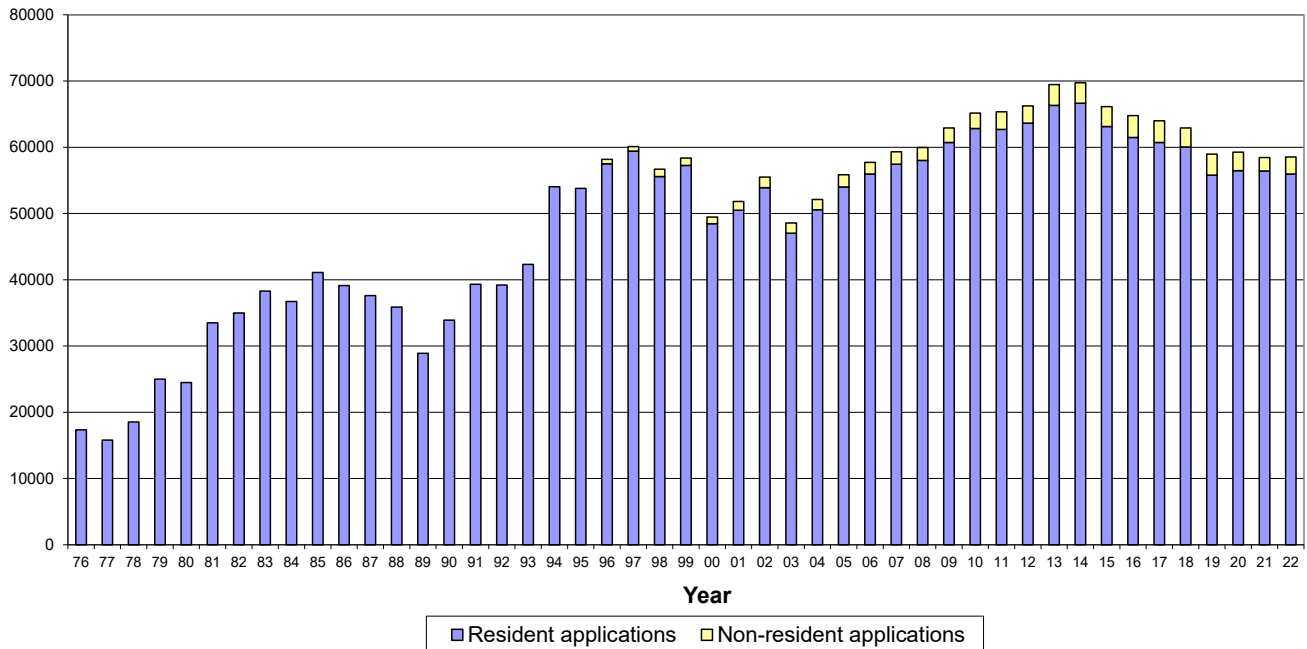
Moose hunting season is set in regulation to be the last Tuesday-Saturday of September, so the season timing varies each year according to the calendar. In 2022, this resulted in a season of September 20-24th.

2023 Synopsis

New Brunswick's moose population appears to be stable in most areas of the province, particularly in the north-western part of the province. Moose population declines are evident in parts of southern NB. The resident moose licence quota for 2023 is x,xxx.

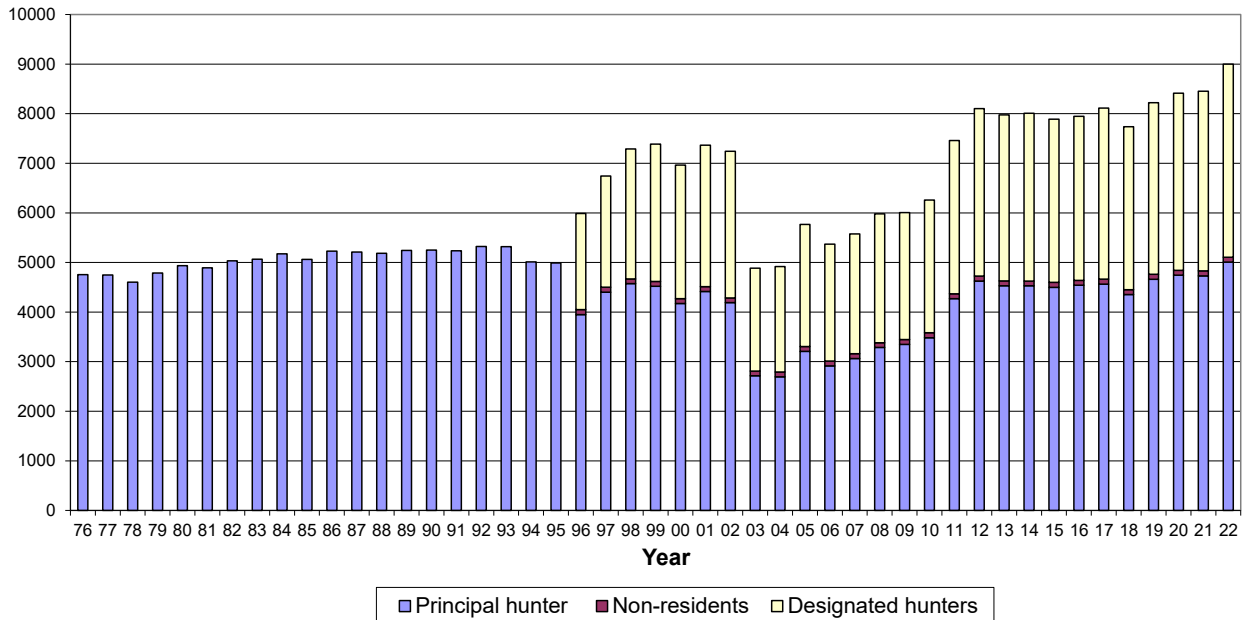
Although the moose herd appears to be relatively healthy, it is difficult to accurately assess due to the unknown quantity and distribution of animals being removed by unregulated harvest. The regulated licence allocation must be conservative to ensure sustainability of the moose population until a moose harvest and reporting system can be established that accommodates existing aboriginal and treaty rights.

MOOSE HUNTING APPLICATIONS 1976 - 2022 New Brunswick



- 76-93: 5 year waiting period
 - 1994: no waiting period or test; \$6 application fee

MOOSE HUNTING LICENCES SOLD 1976 - 2022 New Brunswick



- 76-93: test req'd; 6000 applications drawn
 - 1994: no test; fewer applications drawn
 - 1996: 2-person parties allowed; non-residents allowed; fewer resident applications drawn
 - 2003: permits reduced to mitigate impact of unregulated aboriginal harvest

MOOSE DRAW DATA, LICENCE PURCHASE AND KILL SUCCESS OF RESIDENT MOOSE HUNTING PARTIES New Brunswick 2022

WMZ	Licence Quota 2022	# Applicants	Applicants Drawn	Resident Principal Hunter Licences ¹ Purchased	Designated Hunter Licences ² Purchased	2022 Reg'd Kill ³	% Successful in Harvesting a Moose	Licence Quota 2023
1	140	962	140	137	114	98	72	134
2	440	2,572	440	432	313	321	74	415
3	365	3,435	364	356	266	317	89	363
4	409	3,325	409	399	301	296	74	405
5	286	3,212	286	283	192	207	73	288
6	358	2,320	358	350	247	275	79	362
7	433	6,689	433	423	315	342	81	448
8	277	3,311	277	271	191	208	77	278
9	64	1,045	64	62	44	46	74	63
10	66	1,146	66	65	45	51	78	73
11	233	2,067	232	226	159	173	77	243
12	351	2,935	351	344	277	223	65	367
13	187	1,828	187	187	164	123	66	196
14	126	1,736	126	127	112	72	57	165
15	157	1,621	157	153	119	111	73	145
16	186	2,867	186	184	139	139	76	189
17	188	1,446	188	182	154	99	54	179
18	183	2,001	183	180	167	90	50	196
19	97	1,222	97	97	88	52	54	96
20	153	3,919	153	147	133	95	65	133
21	105	1,238	105	105	83	57	54	89
22	80	642	80	74	66	27	36	78
23	107	1,909	107	107	96	53	50	95
24	36	847	36	36	34	19	53	35
25	80	1,664	80	80	72	45	56	80
Province	5,107	55,959	5,105	5,007	3,891	3,539	71	5,115

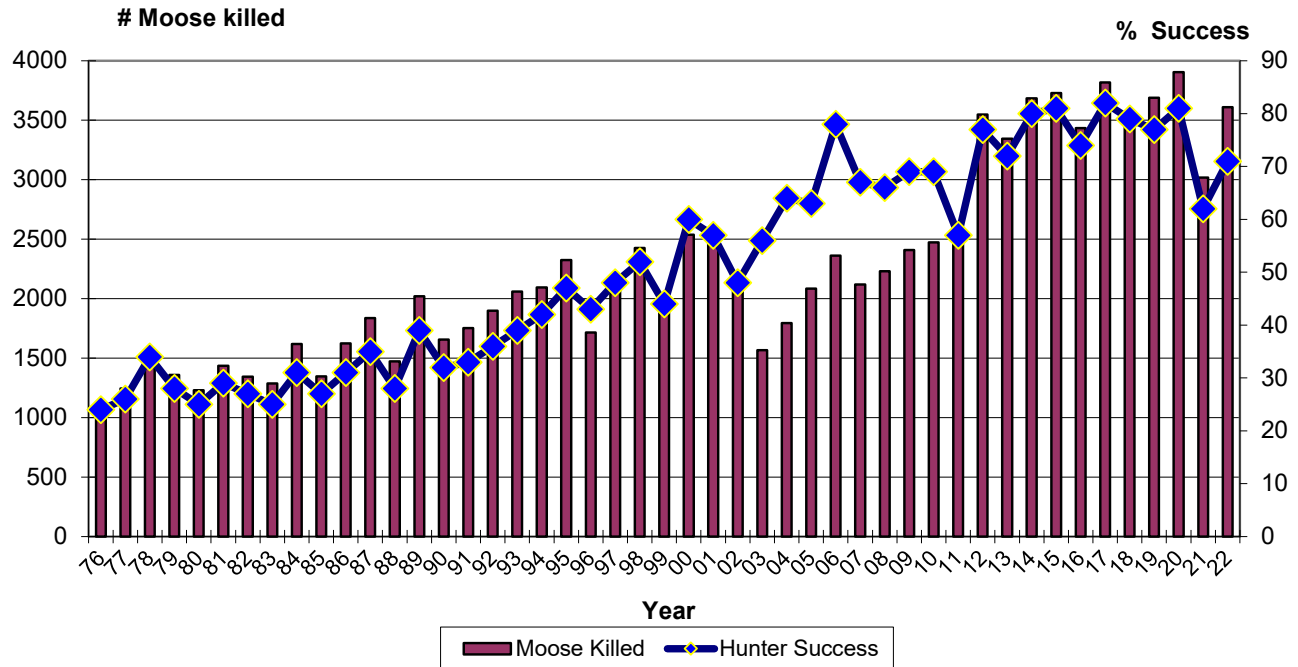
¹ Licences purchased are those of the resident principal hunters who were successful in the draw.

² Designated hunter licences allow principal hunters to be accompanied by one other resident hunter who can assist in filling their tag. 78% of residents who were successful in the draw and purchased a moose hunting licence chose to hunt with a designated hunter.

³ Resident kill only.

MOOSE HARVESTED & HUNTER SUCCESS RATES (%)

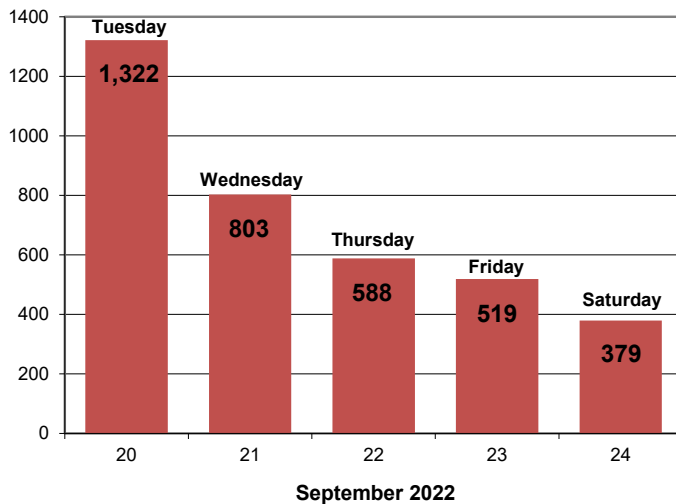
1976-2022 New Brunswick



-1994: Implementation of quotas by zone

MOOSE KILL BY DAY

2022 New Brunswick



AVERAGE WEIGHTS OF NEW BRUNSWICK MOOSE*

(pounds** field dressed)

Age	Male	Female
0.5	234	225
1.5	466	415
2.5	612	515
3.5	701	553
4.5	752	532
5.5	791	569
6.5	788	574
7.5	748	535
8.5	866	573
9.5+	785	584

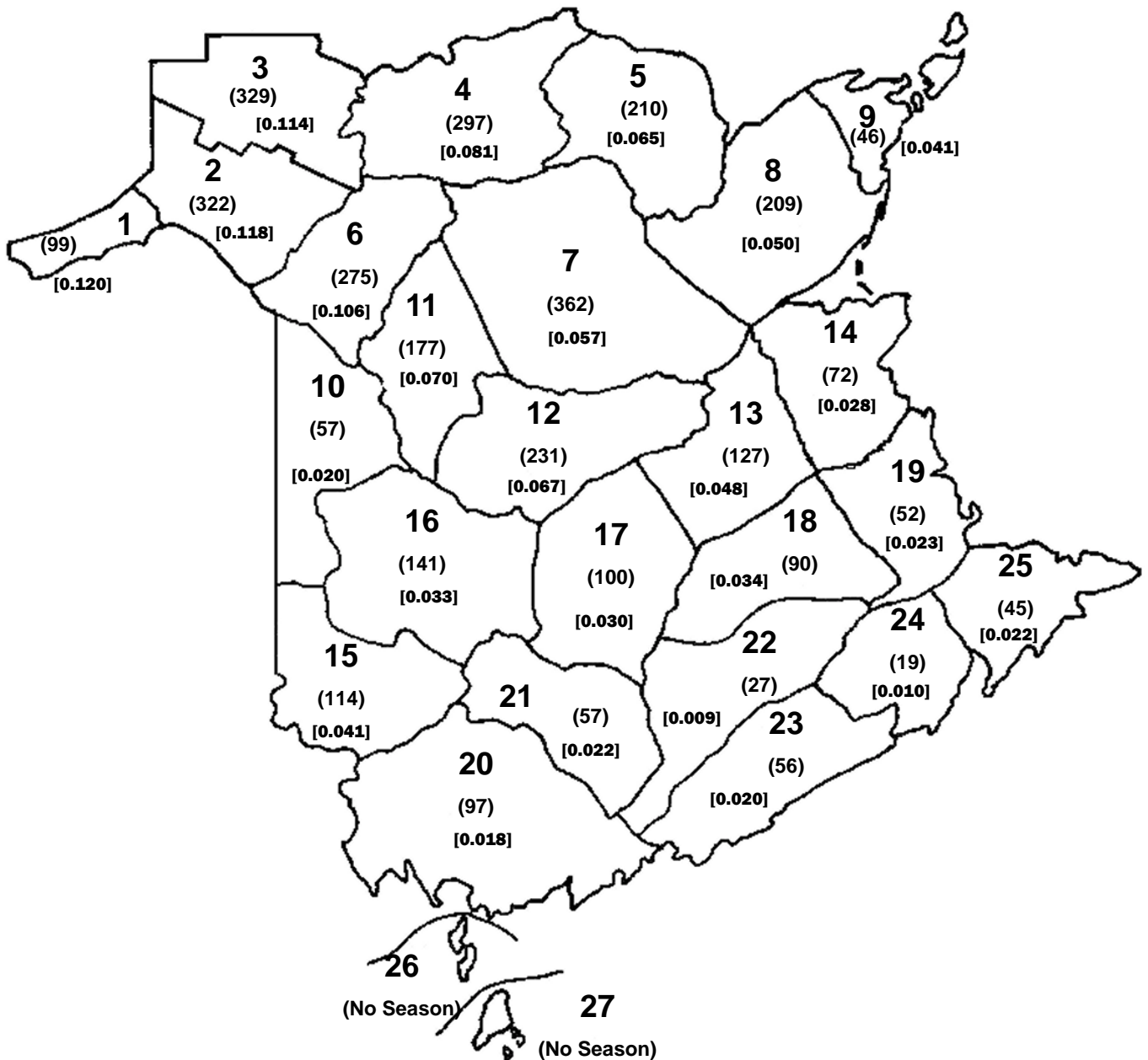
* Weights were obtained from 1017 moose registered at Fredericton and Edmundston, 1986 - 1989 & at Fredericton 1995 - 2000.

** To convert "pounds" to "kilograms", multiply by 0.45.

REGISTERED MOOSE HARVEST BY WILDLIFE MANAGEMENT ZONE

NEW BRUNSWICK 2022

TOTAL HARVEST (#) and HARVEST PER KM² []



A total of 3,611 moose registered in 2022.
Harvest per km² for all open zones = 0.048

SEX AND AGE OF MOOSE HARVESTED

1960 - 2022 New Brunswick

[moose season was closed in 1936 and reopened in 1960]

Year	Adult & Yearling		Calf		Unknown	Total
	Bull	Cow	Male	Female		
1960 ^a	174	0	0	0	0	174
1961	262	0	0	0	0	262
1962	297	0	0	0	0	297
1963	296	0	0	0	0	296
1964	307	0	0	0	0	307
1965	314	0	0	0	0	314
1966 ^b	n/a	n/a	n/a	n/a	606	606
1967	n/a	n/a	n/a	n/a	469	469
1968	472	192	33	27	0	724
1969	455	191	29	32	0	707
1970	547	236	24	51	0	858
1971	574	273	38	46	0	931
1972	702	261	35	45	0	1,043
1973	745	296	40	46	0	1,127
1974	680	284	57	64	0	1,085
1975	607	284	25	53	0	969
1976	716	298	53	64	0	1,131
1977	773	370	46	57	0	1,246
1978	936	480	58	71	0	1,547
1979	800	444	50	66	0	1,360
1980	770	357	49	54	0	1,230
1981	874	388	63	111	0	1,436
1982	844	370	60	70	0	1,344
1983	826	360	45	56	0	1,287
1984	1,008	475	56	79	0	1,618
1985	880	328	85	53	0	1,346
1986	1,055	418	71	81	0	1,625
1987	1,181	497	72	88	0	1,838
1988	843	413	77	75	65	1,473
1989	1,199	575	81	105	62	2,022
1990	1,048	464	63	73	9	1,657
1991	1,116	492	58	73	14	1,753
1992	1,200	564	64	70	1	1,899
1993	1,238	636	86	84	17	2,061
1994 ^c	1,298	629	72	83	12	2,094
1995	1,387	755	78	84	22	2,326
1996 ^d	1,087	522	60	46	0	1,715
1997	1,349	640	60	69	3	2,121
1998	1,524	745	70	73	15	2,427
1999	1,321	566	64	71	0	2,022
2000	1,679	714	77	67	0	2,537
2001	1,725	708	64	76	0	2,573
2002	1,372	585	50	64	0	2,071
2003	1,096	412	24	36	0	1,568
2004	1,212	507	37	35	3	1,794
2005	1,446	564	35	35	4	2,084
2006	1,678	603	35	46	0	2,362
2007	1,550	489	35	44	2	2,120
2008	1,580	568	40	40	3	2,231
2009	1,720	611	29	49	0	2,409
2010	1,735	666	32	31	10	2,474
2011	1,713	697	29	39	0	2,478
2012	2,571	862	61	53	0	3,547
2013	2,406	849	39	50	2	3,346
2014	2,603	928	28	56	68	3,683
2015	2,593	1,042	29	49	16	3,729
2016	2,378	968	27	48	14	3,435
2017	2,767	957	35	45	11	3,815
2018	2,539	920	25	28	18	3,530
2019	2,605	978	44	52	10	3,689
2020	2,658	1,156	25	58	8	3,905
2021	2,166	759	40	51	1	3,017
2022	2,501	980	58	61	11	3,611

a Bulls only season from 1960 to 1965

b Either sex hunting began in 1966 to present

c Allocation of hunters by zone

d Designated hunters could accompany principal licence holder for first time.

**SEX AND AGE OF MOOSE HARVESTED
BY WILDLIFE MANAGEMENT ZONE
2022 New Brunswick**

WMZ	MALE				FEMALE				Sex Unknown	Total
	Adult	Yearling	Calf	Age Unknown	Adult	Yearling	Calf	Age Unknown		
1	26	9	4	5	36	6	4	8	1	99
2	136	27	10	19	70	30	7	19	4	322
3	177	36	6	16	59	11	2	19	3	329
4	167	36	6	15	47	18	5	3	0	297
5	113	12	1	20	40	3	7	14	0	210
6	134	29	7	15	59	14	5	12	0	275
7	218	19	4	20	77	10	2	12	0	362
8	120	17	2	13	40	7	3	7	0	209
9	24	6	2	1	8	2	1	2	0	46
10	40	2	1	1	10	1	1	1	0	57
11	109	11	0	8	36	4	6	3	0	177
12	124	32	5	9	37	16	6	2	0	231
13	69	20	0	8	23	5	0	1	1	127
14	48	7	0	3	9	4	1	0	0	72
15	55	16	2	5	23	9	3	1	0	114
16	71	19	4	2	33	8	2	2	0	141
17	55	11	0	5	24	5	0	0	0	100
18	51	16	0	5	16	2	0	0	0	90
19	28	10	0	1	7	1	2	2	1	52
20	70	10	1	1	9	5	1	0	0	97
21	33	8	0	2	12	1	1	0	0	57
22	16	1	1	0	6	2	1	0	0	27
23	28	9	2	1	12	3	1	0	0	56
24	8	4	0	2	4	1	0	0	0	19
25	27	7	0	3	4	1	0	2	1	45
unknown	0	0	0	0	0	0	0	0	0	0
Province	1947	374	58	180	701	169	61	110	11	3611

**MOOSE SIGHTINGS PER HOUR HUNTED
FOR WILDLIFE MANAGEMENT ZONES
1990 - 2022 New Brunswick**

WMZ	Sightings per Hour Hunted																																	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
1	0.03	0.06	0.06	0.04	0.05	0.08	0.07	0.04	0.13	0.12	0.09	0.03	0.03	0.12	0.07	0.13	0.24	0.13	0.17	0.21	0.30	0.17	0.27	0.40	0.25	0.22	0.09	0.09	0.13	0.16	0.15	0.08	0.06	
2	0.04	0.05	0.04	0.07	0.04	0.07	0.06	0.06	0.07	0.08	0.06	0.11	0.09	0.11	0.13	0.19	0.28	0.19	0.23	0.34	0.24	0.15	0.23	0.21	0.18	0.17	0.11	0.15	0.17	0.13	0.18	0.13	0.11	
3	0.06	0.05	0.07	0.07	0.05	0.07	0.07	0.08	0.09	0.14	0.12	0.11	0.13	0.14	0.14	0.22	0.43	0.24	0.37	0.80	0.68	0.43	0.62	0.49	0.37	0.36	0.21	0.38	0.39	0.34	0.38	0.17	0.23	
4	0.05	0.04	0.05	0.04	0.03	0.05	0.05	0.04	0.06	0.05	0.05	0.06	0.07	0.05	0.06	0.05	0.14	0.09	0.11	0.14	0.14	0.10	0.15	0.15	0.17	0.20	0.10	0.14	0.15	0.14	0.14	0.13	0.14	
5	0.06	0.05	0.05	0.04	0.04	0.08	0.09	0.04	0.08	0.05	0.08	0.06	0.06	0.07	0.10	0.07	0.14	0.08	0.12	0.11	0.11	0.11	0.16	0.12	0.24	0.11	0.12	0.13	0.14	0.16	0.14	0.13	0.08	
6	0.04	0.04	0.04	0.04	0.06	0.05	0.07	0.05	0.05	0.06	0.11	0.09	0.10	0.11	0.15	0.20	0.15	0.23	0.21	0.22	0.19	0.21	0.25	0.29	0.15	0.09	0.12	0.14	0.17	0.16	0.09	0.13		
7	0.05	0.04	0.05	0.04	0.07	0.08	0.08	0.06	0.07	0.07	0.09	0.08	0.08	0.08	0.11	0.10	0.24	0.19	0.21	0.23	0.21	0.17	0.30	0.26	0.18	0.19	0.16	0.14	0.23	0.16	0.26	0.11	0.25	
8	0.03	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.05	0.05	0.04	0.05	0.07	0.07	0.10	0.08	0.08	0.08	0.07	0.06	0.13	0.10	0.07	0.14	0.06	0.08	0.17	0.08	0.15	0.07	0.13	
9	0.04	0.04	0.02	0.07	0.01	0.05	0.10	0.08	0.01	0.05	0.05	0.10	0.09	0.07	0.08	0.04	0.17	0.07	0.04	0.10	0.08	0.09	0.09	0.10	0.10	0.17	0.12	0.08	0.12	0.08	0.13	0.02	0.10	
10	0.05	0.06	0.08	0.06	0.07	0.07	0.08	0.05	0.08	0.07	0.10	0.07	0.10	0.19	0.11	0.10	0.47	0.21	0.37	0.14	0.13	0.11	0.19	0.20	0.18	0.20	0.10	0.14	0.16	0.10	0.33	0.21	0.25	
11	0.04	0.06	0.07	0.06	0.06	0.08	0.07	0.05	0.06	0.07	0.09	0.10	0.06	0.19	0.13	0.19	0.22	0.22	0.29	0.26	0.25	0.21	0.30	0.28	0.19	0.16	0.09	0.19	0.23	0.22	0.32	0.11	0.17	
12	0.05	0.04	0.06	0.05	0.06	0.06	0.04	0.06	0.08	0.04	0.07	0.15	0.07	0.07	0.13	0.09	0.16	0.15	0.16	0.14	0.28	0.11	0.30	0.20	0.18	0.23	0.09	0.11	0.24	0.11	0.16	0.06	0.10	
13	0.03	0.03	0.04	0.05	0.06	0.07	0.04	0.04	0.04	0.04	0.05	0.08	0.03	0.09	0.18	0.09	0.23	0.24	0.17	0.13	0.12	0.10	0.21	0.16	0.07	0.11	0.13	0.12	0.12	0.10	0.17	0.04	0.12	
14	0.04	0.04	0.05	0.05	0.05	0.05	0.03	0.05	0.03	0.03	0.06	0.05	0.03	0.06	0.08	0.06	0.18	0.08	0.18	0.09	0.08	0.06	0.16	0.08	0.12	0.09	0.05	0.07	0.07	0.05	0.09	0.03	0.07	
15	0.05	0.07	0.07	0.07	0.05	0.08	0.06	0.06	0.08	0.06	0.08	0.08	0.07	0.13	0.12	0.10	0.16	0.09	0.26	0.14	0.09	0.13	0.11	0.16	0.22	0.12	0.07	0.13	0.14	0.09	0.16	0.07	0.11	
16	0.03	0.05	0.05	0.05	0.04	0.06	0.03	0.05	0.06	0.05	0.06	0.06	0.07	0.10	0.16	0.13	0.17	0.12	0.11	0.21	0.18	0.07	0.25	0.18	0.14	0.10	0.09	0.10	0.11	0.12	0.17	0.11	0.11	
17	0.05	0.05	0.05	0.05	0.03	0.04	0.04	0.05	0.05	0.05	0.03	0.11	0.06	0.19	0.37	0.11	0.10	0.09	0.17	0.13	0.16	0.12	0.24	0.09	0.15	0.11	0.08	0.14	0.12	0.10	0.09	0.03	0.08	
18	closed	closed	closed	closed	0.05	0.05	0.03	0.03	0.03	0.05	0.06	0.04	0.04	0.06	0.07	0.05	0.09	0.07	0.07	0.08	0.07	0.06	0.09	0.08	0.06	0.09	0.03	0.04	0.03	0.05	0.06	0.02	0.05	
19	0.03	0.03	0.02	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.02	0.05	0.04	0.06	0.07	0.04	0.13	0.13	0.10	0.07	0.07	0.08	0.13	0.09	0.07	0.07	0.06	0.05	0.04	0.07	0.09	0.05	0.03	
20	0.04	0.05	0.06	0.06	0.04	0.06	0.07	0.05	0.05	0.04	0.07	0.07	0.07	0.07	0.08	0.06	0.12	0.07	0.08	0.04	0.05	0.05	0.09	0.06	0.06	0.12	0.06	0.06	0.07	0.07	0.08	0.05	0.06	
21	0.04	0.06	0.06	0.06	0.05	0.06	0.06	0.07	0.08	0.05	0.10	0.05	0.06	0.08	0.05	0.12	0.09	0.08	0.09	0.07	0.06	0.05	0.10	0.08	0.06	0.03	0.05	0.09	0.06	0.07	0.10	0.07	0.04	
22	0.02	0.03	0.02	0.02	0.01	0.03	0.02	0.07	0.01	0.02	0.01	0.02	0.03	0.04	0.04	0.02	0.09	0.02	0.17	0.04	0.02	0.04	0.04	0.03	0.02	0.05	0.02	0.03	0.04	0.05	0.03	0.03	0.04	
23	0.04	0.05	0.05	0.05	0.05	0.07	0.06	0.07	0.06	0.05	0.07	0.06	0.07	0.04	0.08	0.10	0.18	0.09	0.15	0.11	0.09	0.09	0.08	0.08	0.05	0.04	0.03	0.07	0.05	0.05	0.10	0.05	0.04	
24	closed	closed	closed	closed	0.05	0.11	0.06	0.14	0.08	0.07	0.10	0.10	0.09	0.06	0.05	0.09	0.18	0.14	0.10	0.13	0.07	0.06	0.13	0.11	0.09	0.05	0.10	0.08	0.09	0.05	0.11	0.04	0.14	
25	0.04	0.03	0.04	0.04	0.04	0.03	0.05	0.05	0.04	0.02	0.04	0.03	0.02	0.04	0.08	0.04	0.10	0.09	0.19	0.13	0.05	0.04	0.14	0.09	0.04	0.05	0.04	0.10	0.13	0.03	0.09	0.04	0.11	
26	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed
27	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed
Province	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.05	0.06	0.05	0.07	0.07	0.06	0.08	0.09	0.09	0.17	0.12	0.16	0.15	0.14	0.12	0.19	0.16	0.14	0.15	0.09	0.13	0.15	0.12	0.16	0.08	0.12	

DEER HARVEST REPORT - 2022

The 2022 deer hunting season saw another increase (10%) in harvest, with 8,816 deer registered. This is the highest harvest in 15 years. The 2022 winter was milder than average with improved survival among young deer. The pre-hunt deer population was estimated to be 7% above the 2021 season. The overall harvest was comprised of 80% bucks, 17% adult females, and 3% fawns.

A total of 42,898 residents and 253 non-residents purchased deer hunting licences, a 2% decrease from the year before. Resident buck hunters had a harvest success rate of 18%, while non-resident hunters had success rates of 13%. Hunters with Antlerless Deer Permits had better success rates of 45% because of their ability to harvest a deer of either sex. The overall hunter success rate was 20%. The new on-line big game harvest registration service had 1901 deer registered this season (22% of total harvest).

In 2022 there were 7,000 Antlerless Deer Permits made available; 950 more than in 2021. A total of 10,012 resident hunters applied for the computerized tag draw, of which 6,678 were successful. Hunters with antlerless deer tags harvested 3,003 deer, a 45% success rate. Of the successful antlerless permit holders, 58% harvested antlerless deer.

More deer were harvested during the last week than in the other weeks of the season; (Wk 1 = 27%, Wk 2 = 18%, Wk 3 = 20%, Wk 4 = 30%). There were 1236 deer (15% of the harvest) taken on the four Sundays that were open for hunting during the season.

2023 Synopsis

The New Brunswick deer herd is predicted to continue its upward growth for 2023. Deer winter survival in 2023 was better than average and resulted in healthy recruitment numbers. An increase of 7% in the pre-hunt population has been modelled, allowing for an increase in the number of antlerless deer permits to be made available.

A total of 8400 Antlerless Deer Permits (ADPs) are available for the 2023 deer hunting season, an increase of 20% over last year. Two new zones (WMZ 10 and 17) will be open to antlerless deer harvest this year. Southern zones of the province with higher numbers of female deer can support increased hunting pressure. However northern zones are still below desired levels and will remain closed to antlerless deer hunting. Zones 4, 5, and 9 will remain closed to all deer hunting.

DEER LICENCE SALES AND HARVESTS

New Brunswick 1970 - 2022

YEAR	LICENCES SOLD				HARVESTS								Estimated Prehunt Population *
	RESIDENT GUN	NON-RES. GUN	TOTAL BOW	TOTAL	RESIDENT GUN SEASON	NON-RES. GUN SEASON	TOTAL ARCHERY	Nuisance Harvest (Gun & Archery)	UNK	Antlerless Deer Permits	TOTAL HARVEST	Hunter Success Rate	
1970 ^a	56,350	2,495		58,845	5,749	568					6,335	11%	81,783
1971	59,060	2,171		61,231	3,981	398					4,379	7%	50,528
1972	55,151	2,055		57,206	4,455	500					4,955	9%	66,613
1973	69,913	2,162		72,075	3,856	417					4,273	6%	26,641
1974	66,226	2,382		68,608	5,959	577					6,536	10%	64,264
1975	65,763	1,622		67,385	5,164	390					5,554	8%	53,587
1976	78,331	1,581		79,912	6,927	457					7,384	9%	52,258
1977	87,812	1,938		89,750	8,431	506					8,937	10%	52,772
1978	96,671	1,068		97,739	10,390	335					10,725	11%	60,277
1979	98,807	1,271		100,078	12,958	386					13,344	13%	90,663
1980	96,674	1,761		98,435	17,710	634					18,344	19%	161,328
1981	104,896	2,297		107,193	20,905	867					21,772	20%	189,301
1982	114,330	2,749	852	117,931	21,830	827	42				22,699	19%	179,530
1983	111,148	3,134	1,120	115,402	25,833	1,286	46				27,165	24%	244,846
1984	109,873	4,118	1,143	115,134	24,593	1,423	67				26,083	23%	230,846
1985	109,708	4,801	1,195	115,704	29,329	1,799	77				31,205	27%	298,568
1986	108,722	6,563	1,390	116,675	25,982	2,080	77				28,139	24%	255,312
1987	107,256	6,737	1,569	115,564	24,500	1,974	98				26,572	23%	236,533
1988	94,260	6,366	1,424	102,050	18,210	1,531	64				19,805	19%	173,494
1989	95,486	5,670	1,121	102,277	18,294	1,234	102		89		19,719	19%	171,867
1990 ^b	82,002	3,850	984	86,836	10,830	520	32		98	34,695	11,480	13%	93,017
1991	82,391	2,856	900	86,147	11,623	401	64		90	19,885	12,178	14%	103,833
1992	80,592	2,557	917	84,066	10,929	290	71		63	19,565	11,353	14%	97,046
1993	70,185	2,113	1,072	73,370	9,726	289	76		43	15,370	10,134	14%	102,802
1994	86,162	2,152	1,048	89,362	9,811	277	86		42	17,475	10,216	11%	70,781
1995	76,030	1,911	901	78,842	10,473	267	94		20	17,726	10,944	14%	102,364
1996	71,820	1,619	855	74,294	11,620	331	105		87	18,825	12,143	16%	127,914
1997	65,505	1,776	922	68,203	12,084	354	92		20	19,170	12,550	18%	146,005
1998	64,165	1,653	902	66,720	9,792	292	80		35	19,850	10,199	15%	117,450
1999	63,940	1,780	922	66,642	9,041	218	57			18,150	9,316	14%	105,734
2000	59,708	1,514	904	62,126	8,100	160	52		0	12,305	8,312	13%	95,000
2001	54,791	1,188	n/a	55,979	4,160	110	44			2,675	4,314	8%	71,001
2002	50,729	1,050	n/a	51,779	6,225	175	43			2,475	6,443	12%	95,564
2003	49,634	1,030	n/a	50,664	5,499	147	87			2,300	5,733	11%	91,667
2004	50,090	1,043	n/a	51,133	6,633	165	80			3,030	6,878	13%	101,538
2005	48,804	989	n/a	49,793	6,635	152	94			3,180	6,881	14%	113,122
2006	51,652	947	n/a	52,599	9,251	187	131		1	4,100	9,570	18%	139,325
2007	52,735	988	n/a	53,723	10,233	179	158			6,000	10,570	20%	152,982
2008	52,152	829	n/a	52,981	7,480	138	162			5,000	7,780	15%	109,102
2009	49,629	626	n/a	50,255	4,836	73	151			4,750	5,060	10%	73,868
2010	47,449	529	n/a	47,978	4,938	55	108			4,850	5,101	11%	79,485
2011	46,038	395	n/a	46,433	4,600	47	146			2,900	4,793	10%	80,874
2012	47,110	424	n/a	47,534	5,802	57	234			3,450	6,093	13%	99,778
2013	49,240	374	n/a	49,614	7,781	71	292		17	3,450	8,161	16%	132,525
2014	49,102	374	n/a	49,476	6,452	67	312	104	0	2,700	6,935	14%	109,910
2015	48,521	318	n/a	48,839	3,930	37	252	146	13	2,150	4,378	9%	79,918
2016	46,381	333	n/a	46,714	4,880	58	323	123	2	1,800	5,386	12%	102,161
2017	45,443	335	n/a	45,778	5,745	38	395	263		2,100	6,441	14%	118,460
2018	42,768	248	n/a	43,016	5,514	38	425	243	3	3,400	6,223	14%	123,038
2019	42,216	267	n/a	42,483	6,368	35	509	312	79	3,600	7,303	17%	131,118
2020	45,112	99	n/a	45,211	6,786	19	640	331		4,400	7,776	17%	135,381
2021	43,935	198	n/a	44,133	7,198	32	531	280	4	6,050	8,045	18%	149,949
2022	42,898	252	n/a	43,150	7,806	33	673	304		7,000	8,816	20%	160,332

^a Mandatory registration begins; limit reduced from 2 to 1 deer

^b WMZs / Antlerless Deer Permit System begins.

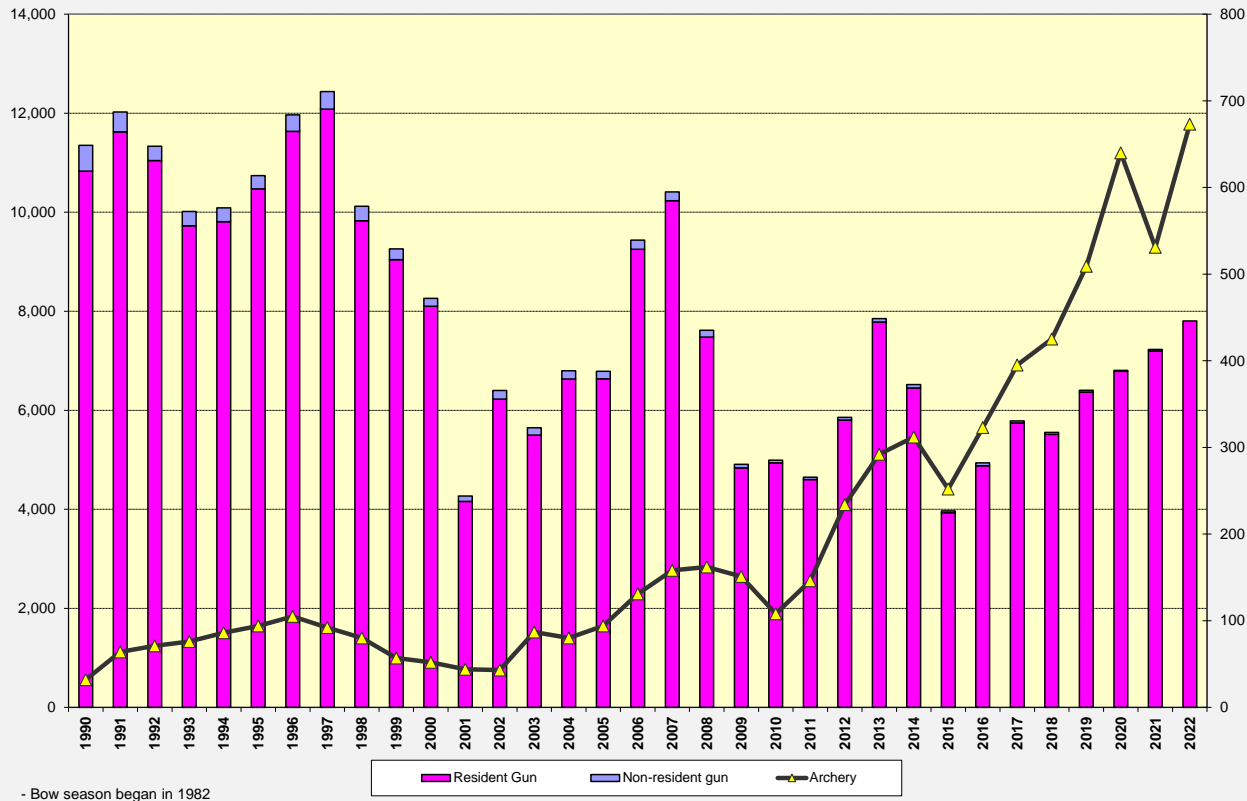
* Population estimates have high variance and are best used as trend indicators. Estimates may vary in future depending on model inputs.

DEER HARVEST (Gun & Bow)

1990-2022 New Brunswick

Regular Season Harvest

Bow Season Harvest

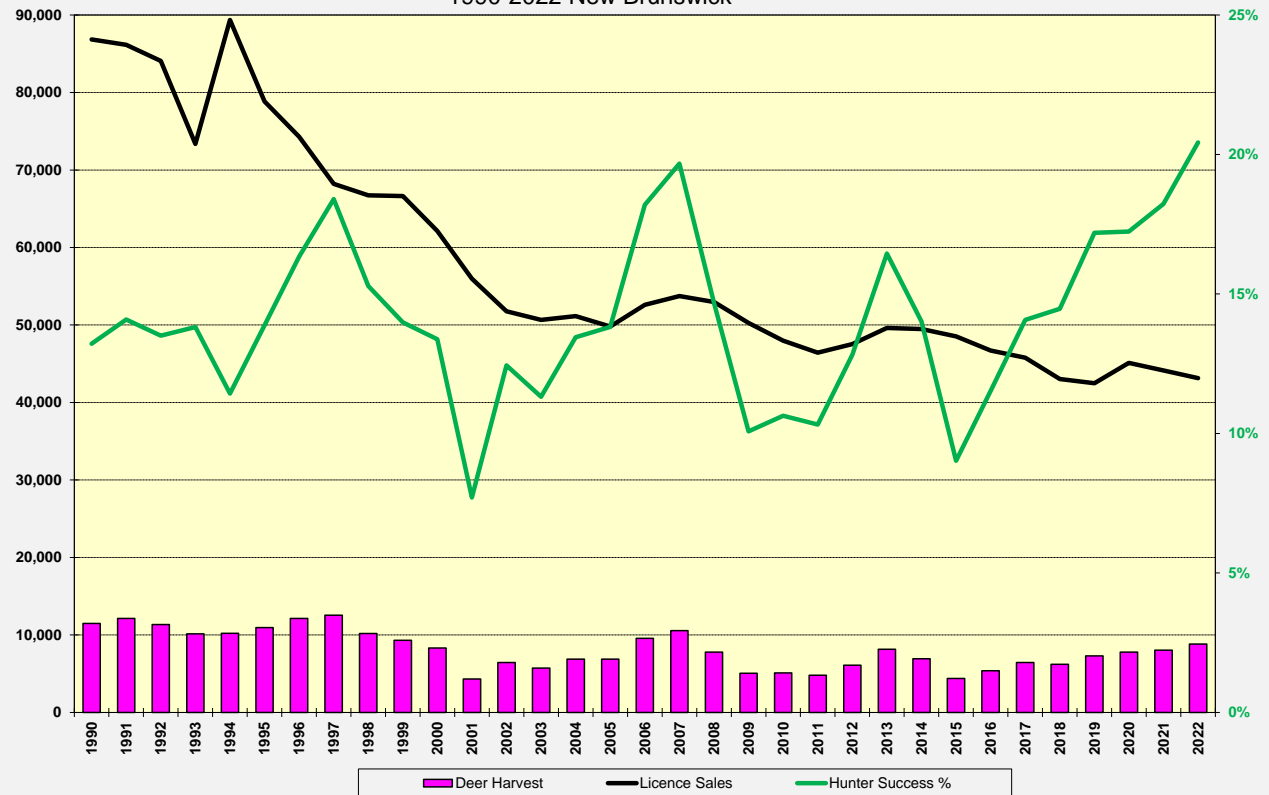


DEER HARVEST, DEER LICENCE SALES AND DEER HUNTER SUCCESS %

1990-2022 New Brunswick

Deer Harvest and Licence Sales

Success%



REGISTERED DEER KILL BY WILDLIFE MANAGEMENT ZONE

2022 NEW BRUNSWICK

WMZ	ADULT MALES	ADULT FEMALES	FAWN MALES	FAWN FEMALES	TOTAL HARVEST	2021 HARVEST	10 Year Average	% Diff 2022 to 2021	% Diff 2022 to 10 Yr Ave
1	54				54	45	35	20%	53%
2	161	2			163	135	148	21%	11%
3	46				46	33	32	39%	42%
4		Closed Season			0		0		
5		Closed Season			0		0		
6	220		1		221	179	295	23%	-25%
7	134	1			135	101	125	34%	8%
8	73				73	56	59	30%	23%
9		Closed Season			0		0		
10	366				366	291	389	26%	-6%
11	135	1			136	72	183	89%	-26%
12	126	1			127	96	116	32%	10%
13	39				39	32	37	22%	5%
14	88				88	66	48	33%	85%
15	132				132	102	109	29%	21%
16	611	92	11	10	724	569	547	27%	32%
17	282	2	1		285	222	195	28%	46%
18	186		1	1	188	174	147	8%	28%
19	329	42	3	5	379	369	186	3%	103%
20	884	323	26	26	1,259	1,169	703	8%	79%
21	287	46	4	2	339	292	210	16%	61%
22	1,169	466	30	33	1,698	1,597	1,119	6%	52%
23	787	398	41	35	1,261	1,334	948	-5%	33%
24	236	46	1		283	317	193	-11%	47%
25	430	44	4	2	480	471	211	2%	128%
26	68	31	3		102	94	74	9%	37%
27	138	76	7	17	238	229	243	4%	-2%
UNKNOWN									
TOTAL	6,981	1,571	133	131	8,816	8,045	6,351	10%	39%

NEW BRUNSWICK DEER HARVEST BY AGE AND SEX

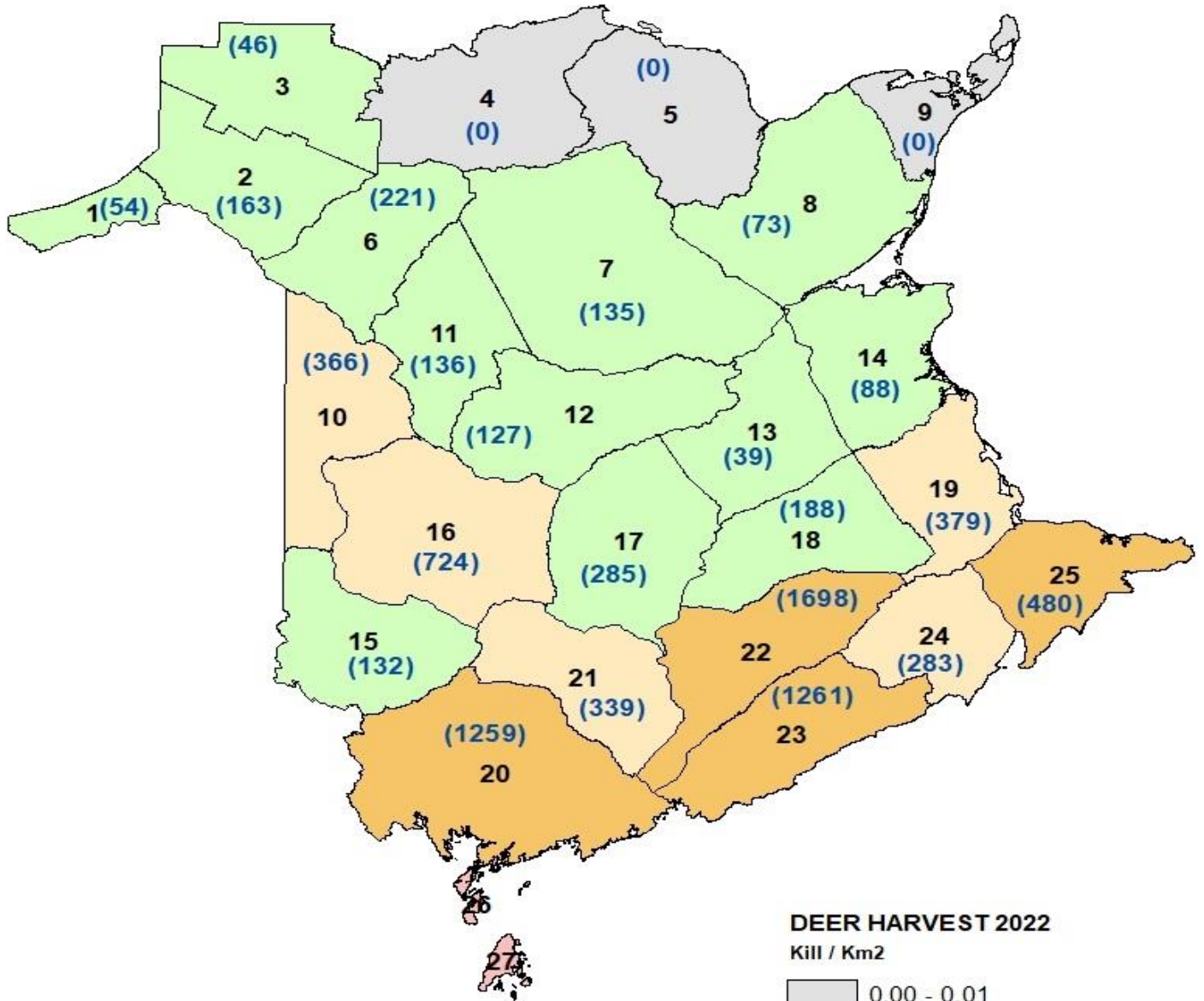
YEAR	Licence Sales	ADULT MALE	YLG MALE	ADULT FEMALE	MALE FAWN	FEMALE FAWN	HARVEST	WINTER SURVIVAL%
1970	58845	2977		2090	1267		6335	92.4
1971	61231	2058		1445	876		4379	81.2
1972	57206	2328		1635	991		4955	88.6
1973	72075	2141		1330	796		4273	87.5
1974	68608	2860		2206	1424		6536	91.7
1975	67385	2641		1828	1002		5554	88.1
1976	79912	3436		2373	1566		7384	88.4
1977	89750	3727		2825	1805		8431	85.1
1978	97739	5379		3270	2015		10725	88.9
1979	100078	6755		4093	2312		13179	90.2
1980	98435	9209		5641	1744	1610	18344	92.3
1981	107193	10603		6939	2160	1993	21772	89.7
1982	117931	10545		7411	2430	2243	22699	83.3
1983	115402	12727		9022	2758	2545	27165	92.3
1984	115134	12312		8574	2706	2497	26083	89.0
1985	115704	15039		10278	2941	2714	31205	91.6
1986	116675	14056		9197	2500	2307	28139	92.0
1987	115564	12324		8800	2758	2545	26572	86.9
1988	102050	10407		6043	1655	1527	19805	86.0
1989	102277	9741		6265	1779	1642	19719	87.3
1990	86836	5021	1905	3237	606	575	11480	85.9
1991	86147	5265	1963	3451	717	628	12178	86.6
1992	84066	3447	2740	3619	727	720	11353	89.3
1993	73370	3393	2948	2717	525	468	10134	87.8
1994	89362	3058	2990	3053	500	547	10216	86.5
1995	78842	3026	3251	3352	645	598	10944	85.7
1996	74294	4459	3581	2810	616	546	12143	90.3
1997	68203	4227	3109	3732	696	673	12550	86.5
1998	66720	3710	2448	2907	505	548	10199	82.0
1999	66642	3029	2309	2876	544	475	9316	87.2
2000	62126	2551	2637	2298	399	373	8312	87.5
2001	55979	1931	1565	625	105	72	4314	83.6
2002	51779	2987	2503	721	150	66	6443	88.8
2003	50664	2564	2367	605	99	54	5733	82.6
2004	51133	2494	3089	1017	153	76	6878	88.4
2005	49793	2522	3170	958	127	82	6881	87.8
2006	52599	3446	4332	1476	178	110	9570	90.2
2007	53723	3227	4772	2128	210	217	10570	89.5
2008	52981	3548	2763	1184	112	111	7780	76.9
2009	50255	1616	2212	974	139	88	5060	79.8
2010	47978	1786	2134	917	162	94	5101	88.1
2011	46433	1566	2406	641	78	76	4793	83.9
2012	47534	1869	3184	853	96	66	6093	89.8
2013	49614	2749	4409	800	124	74	8161	89.0
2014	49476	2532	3405	820	107	71	6935	81.7
2015	48839	2029	1622	588	71	61	4378	79.7
2016	46714	2064	2705	494	66	49	5386	89.5
2017	45778	2496	3003	777	87	78	6441	84.7
2018	43035	2537	2557	966	75	88	6223	82.4
2019	42483	3669	2356	1096	90	92	7303	81.1
2020	45211	3320	2862	1378	103	113	7776	86.1
2021	44133	2603	3840	1373	117	112	8045	89.8
2022	43150	2806	4175	1,571	133	131	8816	86.5

**REGISTERED DEER KILL BY WILDLIFE MANAGEMENT ZONE
2013 - 2022 NEW BRUNSWICK**

WMZ	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	41	69	42	30	34	18	23	29	45	54
2	186	197	152	157	149	129	99	137	135	163
3	0	0	57	40	48	25	42	44	33	46
4	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	
6	599	469	253	271	294	178	163	96	179	221
7	287	209	71	92	86	65	86	75	101	135
8	117	90	37	57	68	48	43	42	56	73
9	0	0	0	0	0	0	0	0	0	
10	658	586	269	348	438	326	284	227	291	366
11	324	338	143	158	181	133	117	53	72	136
12	260	149	54	86	76	75	120	85	96	127
13	73	34	16	36	36	24	59	26	32	39
14	51	56	24	56	56	36	57	61	66	88
15	141	110	98	141	104	104	88	105	102	132
16	796	550	470	564	594	432	581	477	569	724
17	326	204	128	159	172	149	226	219	222	285
18	223	137	88	112	140	110	170	179	174	188
19	190	166	111	144	196	220	265	296	369	379
20	601	662	505	584	766	857	1,089	1237	1,169	1,255
21	260	183	143	169	210	185	236	300	292	339
22	1,282	1093	625	830	1,062	1251	1,422	1572	1,596	1,700
23	870	965	683	783	1,026	1079	1,231	1455	1,335	1,262
24	231	184	97	156	206	211	262	275	317	284
25	252	177	80	152	180	223	298	377	471	480
26	72	65	51	49	78	99	104	100	94	102
27	286	238	168	204	241	246	238	309	229	238
UNKNOWN	35	4	13	8	0	0	0	0	0	0
TOTAL	8,161	6,935	4,378	5,386	6,441	6,223	7,303	7,776	8,045	8,816

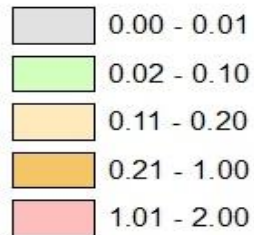
NEW BRUNSWICK 2022 DEER HARVEST BY WILDLIFE MANAGEMENT ZONE

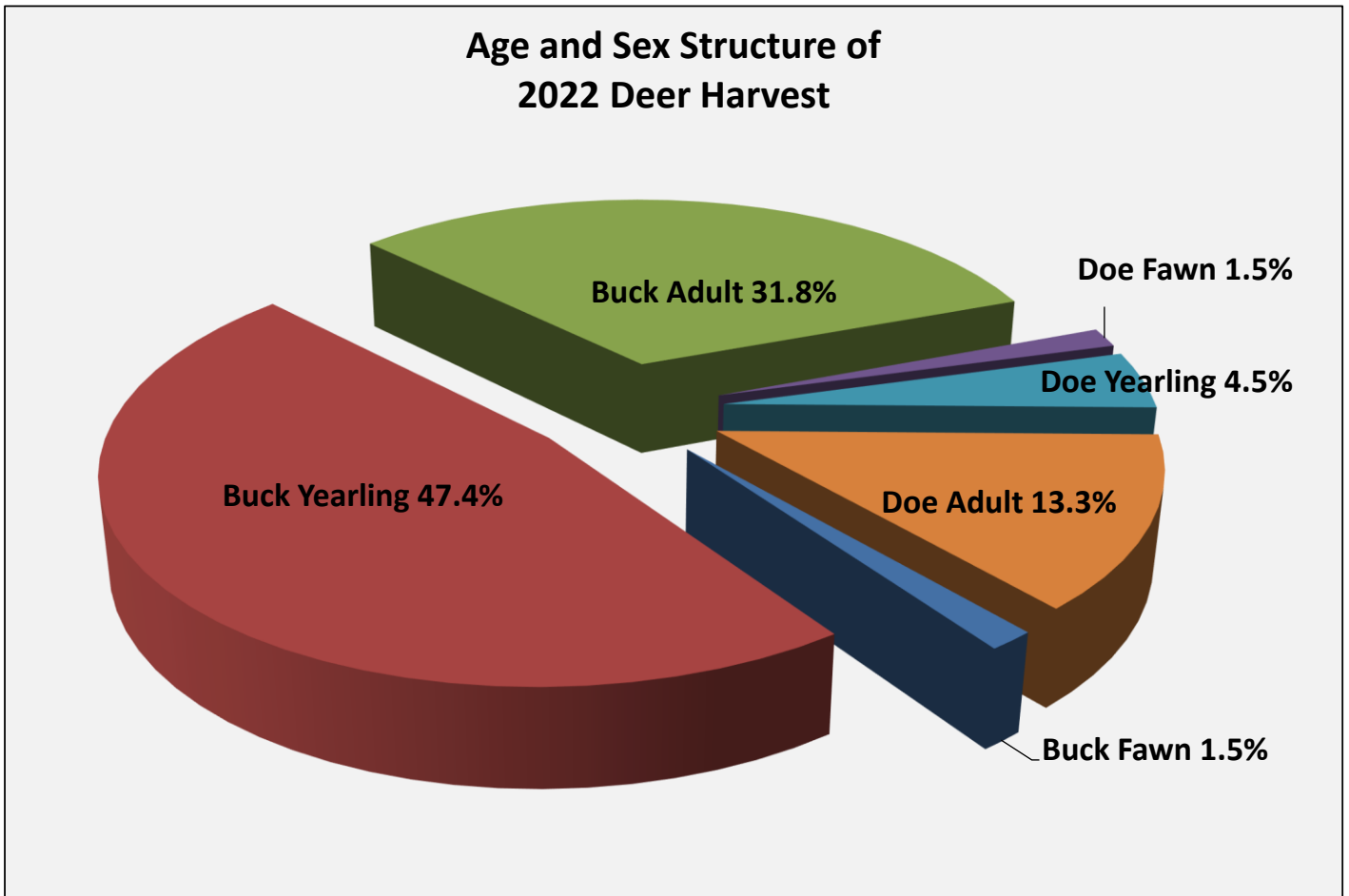
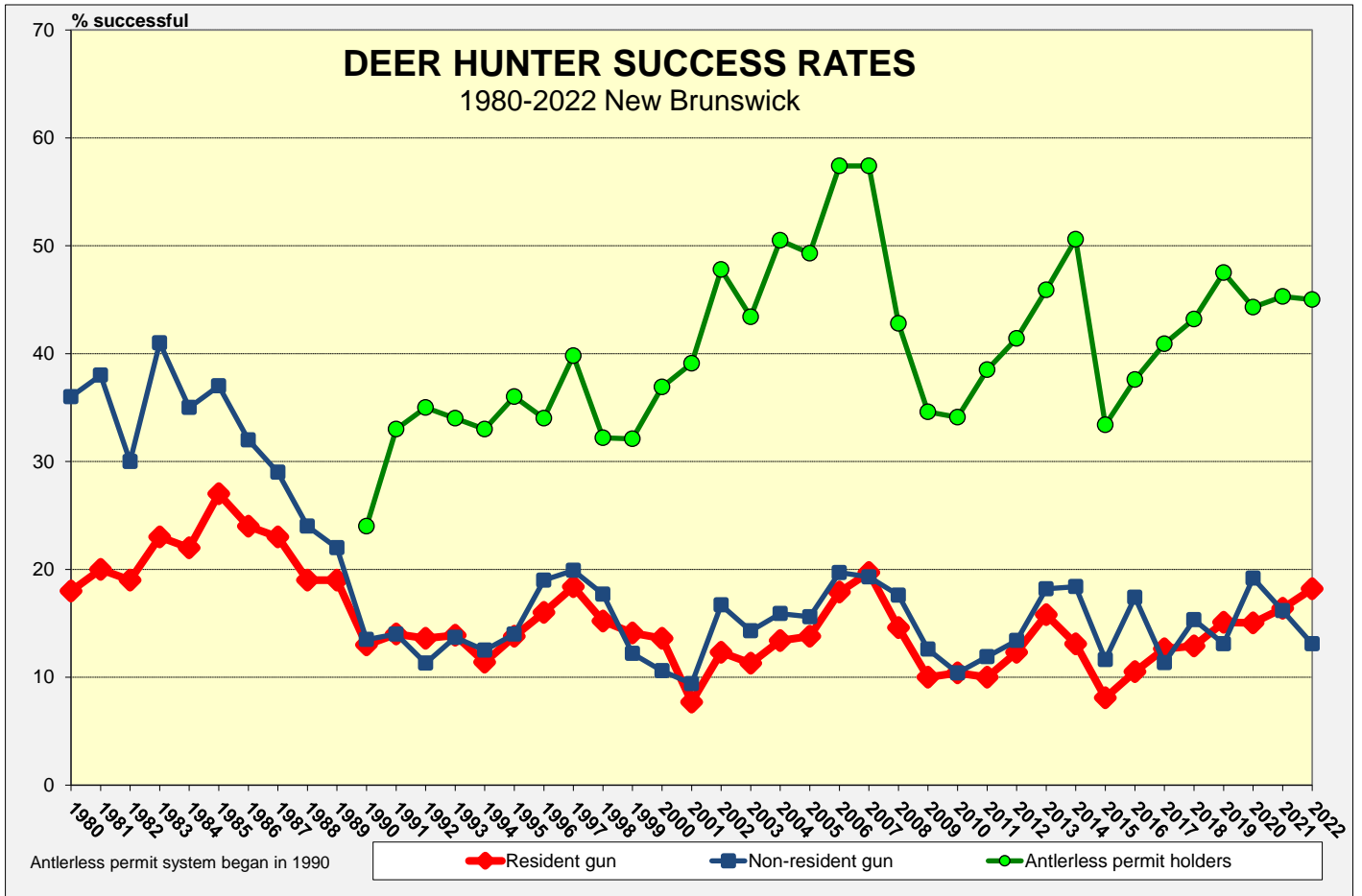
(2022 Deer Harvest)



DEER HARVEST 2022

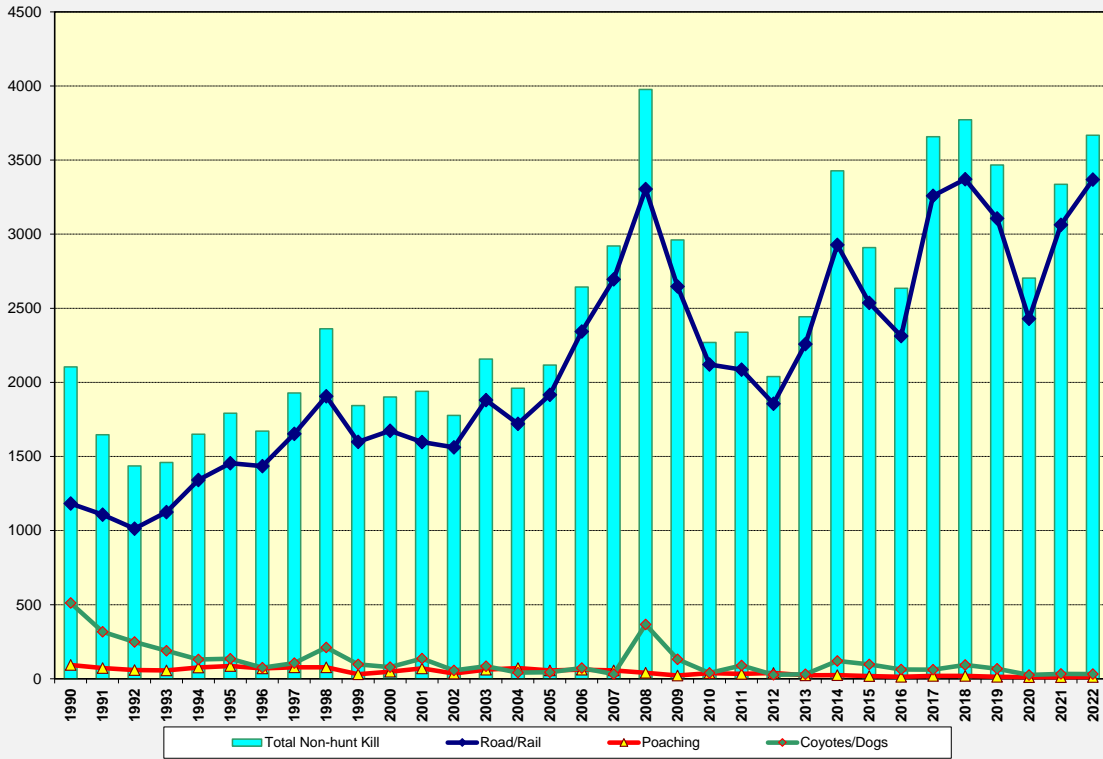
Kill / Km2





REPORTED NON-HUNTING DEER MORTALITY

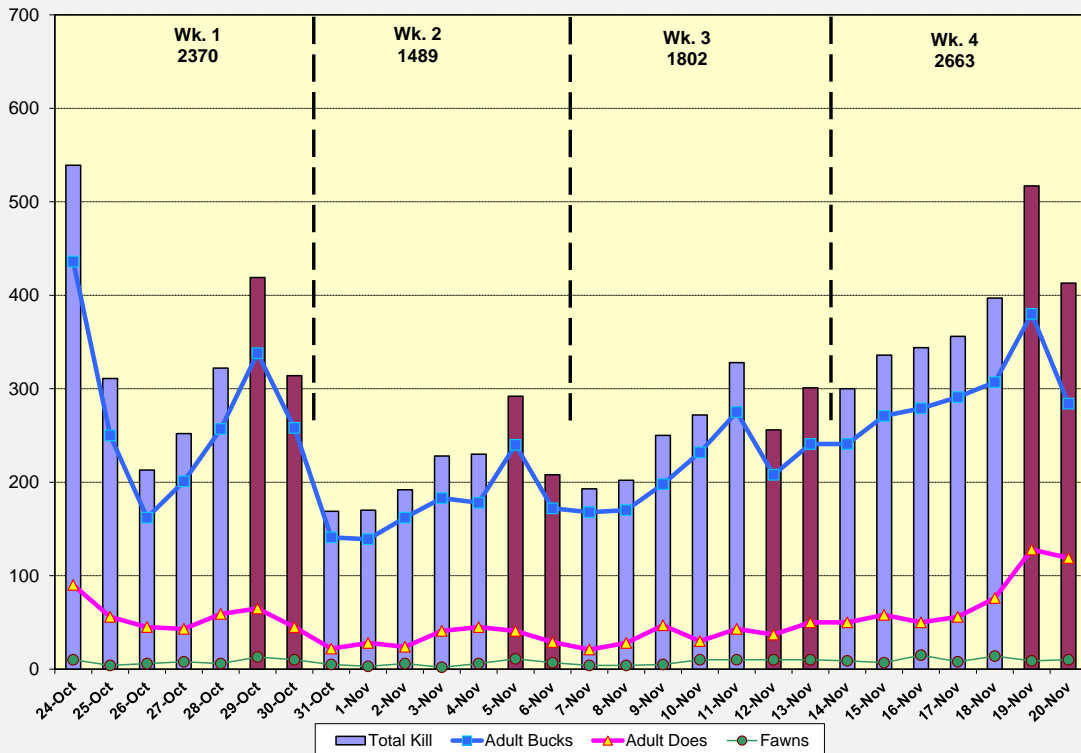
1990-2022 New Brunswick



- reported and handled by DNR staff

DAILY DEER KILL - FIREARMS SEASON

2022 New Brunswick



- total of 8,324 deer registered in firearm season
 - Saturday & Sunday (dark columns)

**2022 ANTLERLESS DEER PERMIT
DRAW**

WMZ	2022 Quota	2022 Applications	2022 Drawn	% Successful Applicant
1	0	0	0	n/a
2	0	0	0	n/a
3	0	0	0	n/a
4	SEASON CLOSED			n/a
5	SEASON CLOSED			n/a
6	0	0	0	n/a
7	0	0	0	n/a
8	0	0	0	n/a
9	SEASON CLOSED			n/a
10	0	0	0	n/a
11	0	0	0	n/a
12	0	0	0	n/a
13	0	0	0	n/a
14	0	0	0	n/a
15	0	0	0	n/a
16	150	1,052	150	14.3%
17		0	0	n/a
18		0	0	n/a
19	200	580	200	34.5%
20	1400	1,879	1,414	75.3%
21	150	403	152	37.7%
22	2200	2,831	2,213	78.2%
23	2000	1,741	1,741	100.0%
24	150	417	151	36.2%
25	200	641	201	31.4%
26	100	113	101	89.4%
27	450	355	355	100.0%
TOTALS	7,000	10,012	6,678	66.7%

**ANTLERLESS DEER PERMITS
2014 - 2023 SUMMARY**

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	50	100	50	50	0	0	50
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
50	50	50	100	100	100	100	150	150	200
50	50	0	0	0	0	0	0	0	100
50	50	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	150	200	300
100	100	100	200	400	700	1000	1200	1400	2000
100	50	0	0	0	0	0	150	150	150
1000	800	600	700	1200	1200	1400	1900	2200	2400
800	600	600	600	1000	1000	1300	1600	2000	2200
50	50	0	0	0	0	0	150	150	150
0	0	0	0	0	0	0	150	200	300
50	50	50	50	100	100	100	150	100	150
450	450	400	400	500	450	450	450	450	400
2700	2250	1800	2100	3400	3600	4400	6050	7000	8400

NO PERMITS AVAILABLE

SEASON CLOSED

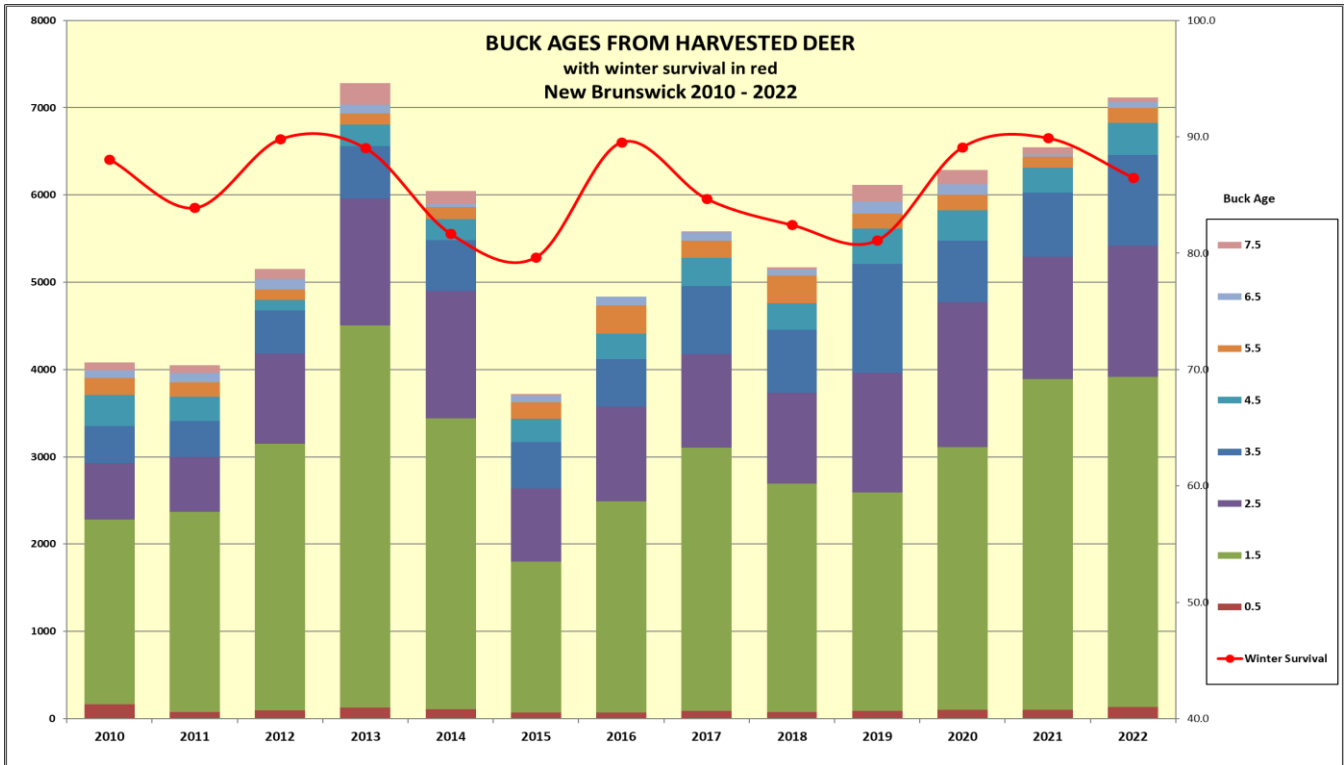
**ANTLERLESS DEER PERMITS ISSUED
2013 - 2022 SUMMARY**

WMZ	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1										
2										
3										
4										
5										
6										
7										
8										
9										
10					55	118	57	51		
11										
12										
13										
14										
15										
16	109	53	53	55	105	100	110	103	151	150
17	51	54	51							
18	52	53	53							
19									153	200
20		100	105	101	212	400	704	1007	1211	1414
21	206	100	50						154	152
22	1537	1000	815	604	727	1214	1229	1413	1907	2213
23	1010	800	603	605	606	1010	1008	1308	1610	1741
24	51	51	50						155	151
25									152	201
26	50	50	50	51	52	99	98	98	93	101
27	376	380	351	388	400	375	358	386	370	355
TOTALS	3442	2641	2181	1804	2157	3316	3564	4366	5956	6678

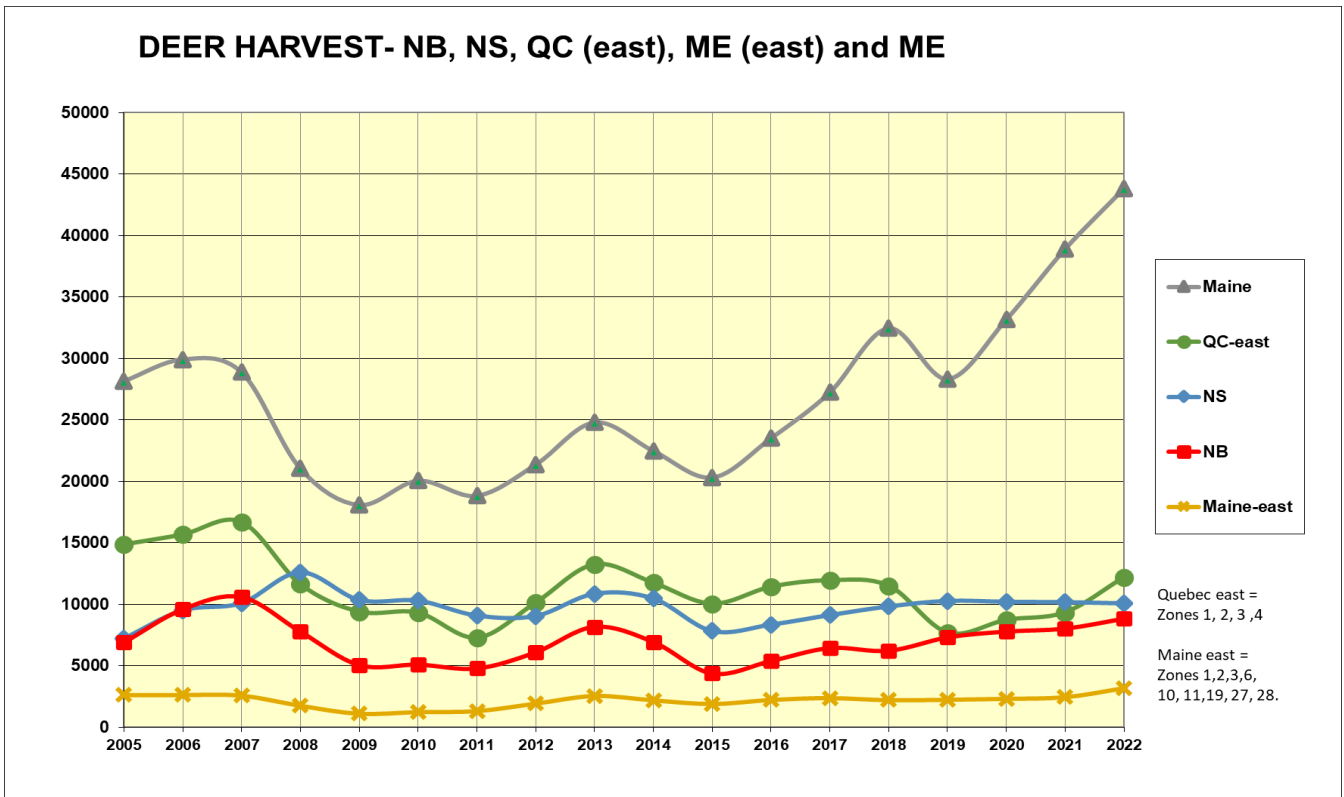
**ANTLERLESS DEER (Does and Fawns)
HARVEST 2013 - 2022 SUMMARY**

WMZ	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1										
2										
3										
4										
5										
6										
7										
8										
9										
10					29	50	27	24		
11										
12										
13										
14										
15										
16	37	22	24	8	29	24	78	30	36	51
17	18	17	13							1
18	10	5	9							2
19									32	45
20		49	30	25	80	136	262	312	289	313
21	26	21	13						23	45
22	399	260	194	152	178	293	325	368	386	478
23	262	220	139	134	148	221	372	328	303	326
24	25	8	8						47	46
25									46	47
26	19	21	16	22	18	38	33	36	37	34
27	111	98	75	83	98	84	83	120	77	81
TOTALS	909	721	521	424	580	846	1191	1223	1276	1469

BUCK AGES FOR ALL HARVESTED BUCKS 2010 - 2022



NEW BRUNSWICK DEER HARVEST COMPARED TO NEIGHBORING AREAS



New Brunswick's Top Bucks of 2022

Findings based on 310 bucks of the 6981 harvested bucks (5%)
measured at N.B. Biological Check Stations

Largest Antler Beam Diameter

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	50	7	7	103	227	7.5
2	41	2	11	118	260	7.5
3	40	2	9	114	251	3.5
4	38.5	10	8	82	180	2.5
5	38	23	11	76	167	4.5
6	37.5	18	9	84	185	6.5
7	37	8	11	95	209	3.5
8	36	22	10	82	180	3.5
9	35	8	8	84	185	2.5
10	34	23	10	101	222	5.5

Heaviest Bucks

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	41	2	11	118	260	7.5
2	40	2	9	114	251	3.5
3	33	23	10	111	244	5.5
4	32	3	9	105	231	3.5
5	50	7	7	103	227	7.5
6	34	23	10	101	222	5.5
7	30.5	8	8	100	220	4.5
8	32.5	7	8	98	216	4.5
9	30	7	4	98	216	3.5
10	37	8	11	95	209	3.5

Oldest Bucks

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	41	2	11	118	260	7.5
2	50	7	7	103	227	7.5
3	34	2	8	95	209	6.5
4	26	23	8	93	205	6.5
5	37.5	18	9	84	185	6.5
6	X	7	8	X	X	6.5
7	33	23	10	111	244	5.5
8	34	23	10	101	222	5.5
9	32	12	8	93	205	5.5
10	30.5	8	8	100	220	4.5

Highest Number of Points

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	33	8	12	89	196	3.5
2	41	2	11	118	260	7.5
3	37	8	11	95	209	3.5
4	38	23	11	76	167	4.5
5	33	23	10	111	244	5.5
6	34	23	10	101	X	5.5
7	27.5	22	10	92	202	3.5
8	32	3	10	90	198	3.5
9	28	23	10	86	189	3.5
10	31	1	10	84	185	2.5

Average Buck Weight by Age

Age	Number	Ave. Kgs	Ave. lbs	No. above 200 lbs	% above 200 lbs
1.5	165	59	130	0	0
2.5	72	75	166	6	8%
3.5	26	82	180	6	23%
4.5	5	84	184	2	40%
5.5	3	102	224	3	100%
6.5	3	91	199	2	67%
7.5	2	111	243	2	100%
All 3.5 +	39	94	207	15	38%

BIG GAME BAG LIMITS, SEASON DATES, LICENCE FEES AND LICENCE REVENUES New Brunswick - 2022

DEER: Bag Limit: 1 deer per year (antlerless deer by permit only)

Archery Season:

WMZ 1-3: 3 October - 6 November
WMZ 6-8; 10-27 3 October - 20 November

Rifle Season:

WMZ 1-3: 24 October - 6 November
WMZ 6-8: 10-27 24 October - 20 November

Licence Fees: \$ 183 Non-Resident
\$ 34 Resident
\$ 19 Resident Senior

Licence Revenue: \$ 1,124,154

Application Fee: \$ 4 (Antlerless Deer Draw)
Application Revenue: \$ 40,048

TOTAL REVENUE - DEER \$ 1,164,202

MOOSE: Bag Limit: 1 moose per year (either sex)

Season: 20 - 24 September

Licence Fees: \$ 72 Resident
\$ 37 Resident Senior
\$ 548 Non-Resident

Licence Revenue: \$ 620,736

Application Fee: \$ 6.30 Resident
\$ 26.25 Non-Resident
Application Revenue: \$ 418,192

TOTAL REVENUE - MOOSE: \$ 1,038,928

BEAR: Bag Limit: 1 bear per licence (either sex).
Maximum of two licences may be purchased per year.
Bear registration permit required to purchase second licence.

Spring Rifle Season: 18 April - 25 June
Fall Archery Season: 19 - 24 September
Fall Rifle Season: 1 - 17 September; 26 September - 5 November

Licence Fees: \$ 37 Resident
(per season) \$ 18 Resident Senior
\$ 143 Non-Resident

Licence Revenue: \$ 572,691

Application Fee: \$ 26.25 Non-Resident
Application Revenue: \$ 3,780

TOTAL REVENUE - BEAR: \$ 576,471

GRAND TOTAL (REVENUE) BIG GAME: \$ 2,779,601