



BIG GAME HARVEST REPORTS 2020



FISH AND WILDLIFE BRANCH
Natural Resources and Energy Development

MOOSE HARVEST REPORT – 2020

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 2020 was 4,794 licences, an increase of 1% from 2019 (4,744 licences).

A total of 56,486 NB residents, 2,704 non-residents, and 78 outfitters and guides submitted applications to the moose licence draw in 2020; 4,794 resident, 50 non-resident, and 50 outfitter and guide applicants were successful. A total of 75% of resident moose licence holders chose to designate another resident hunter to accompany them on their licence.

The total registered moose harvest in 2020 was 3,905 moose. Resident hunters harvested 3,839 moose, while non-residents took 66 moose. The overall hunter success rate was 81%.

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 2020, this resulted in a season of September 22-26th.

2021 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 2021 is 4,817.

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.

**NUMBER OF MOOSE APPLICATIONS, LICENCES ISSUED AND HARVEST
1960 - 2020 NEW BRUNSWICK**

Year	Estimated Population ^a	# Applications	# Drawn	Licences Issued	Registered Kill	% Hunter Success
[Moose season closed 1936 and reopened in 1960]				[Bulls only hunting from 1960 to 1965]		
1960	3,500	8,321	400	383	174	45
1961		17,221	800	771	262	34
1962		16,354	1,000	963	297	31
1963		16,359	1,000	1,000	296	30
1964		17,380	1,000	1,000	307	31
1965	4,200	18,460	1,000	1,000	314	31
1966		26,500	1,000	1,000	606	61
1967		16,500	1,000	1,000	469	47
1968		12,724	1,500	1,500	724	48
1969		16,009	1,600	1,566	707	45
1970	6,000	14,016	2,000	1,959	858	44
1971		18,334	2,000	1,959	931	48
1972		21,639	2,500	2,441	1,043	43
1973		31,558	2,500	2,460	1,127	46
1974 ^b		39,157	6,000	5,580	1,085	19
1975	8,200	17,587	6,000	4,528	969	21
1976		17,347	6,000	4,753	1,131	24
1977		15,815	6,000	4,746	1,246	26
1978		18,547	6,000	4,604	1,547	34
1979		25,007	6,000	4,786	1,360	28
1980	10,000	24,503	6,000	4,935	1,230	25
1981		33,500	6,000	4,892	1,436	29
1982		35,000	6,000	5,032	1,344	27
1983		38,302	6,000	5,065	1,287	25
1984		36,727	6,000	5,175	1,618	31
1985	15,000	41,104	6,000	5,063	1,346	27
1986		39,127	6,000	5,228	1,625	31
1987		37,625	6,000	5,210	1,838	35
1988		35,890	6,000	5,185	1,473	28
1989		28,895	6,000	5,243	2,022	39
1990	20,000	33,894	6,000	5,250	1,657	32
1991	20,000	39,314	6,000	5,234	1,753	33
1992	21,000	39,212	6,000	5,321	1,899	36
1993	22,000	42,332	6,000	5,320	2,061	39
1994 ^c	24,100	54,030	5,655	5,010	2,094	42
1995	24,100	53,791	5,649	4,989	2,326	47
1996 res. ^d		57,514	4,244	3,848	1,678	44
non-res. ^e		671	100	100	37	37
1996 total	19,400	58,185	4,344	3,948	1,715	43
1997 res.		59,428	4,754	4,301	2,075	48
non-res.		680	100	101	46	46
1997 total	19,900	60,108	4,854	4,402	2,121	48
1998 res.		55,590	4,804	4,573	2,377	52
non-res.		1,105	100	96	50	52
1998 total	20,400	56,695	4,904	4,669	2,427	52
1999 res.		57,271	4,683	4,519	1,974	44
non-res.		1,108	100	98	48	49
1999 total	20,800	58,379	4,783	4,617	2,022	44
2000 res.		48,469	4,283	4,174	2,485	60
non-res.		986	100	97	52	54
2000 total	21,300	49,455	4,383	4,271	2,537	59
2001 res.		50,504	4,518	4,415	2,518	57
non-res.		1,322	100	96	55	57
2001 total	21,700	51,826	4,618	4,511	2,573	57
2002 res.		53,916	4,293	4,191	2,020	48
non-res.		1,586	100	95	51	54
2002 total	22,200	55,502	4,393	4,286	2,071	48

a Estimated pre-hunt adult moose population (1.5 year-old+).

b 3 day season begins.

c Allocation of hunters by Wildlife Management Zone begins.

d Introduction of designate resident licences. Resident licences issued are party chiefs only from 1996 to current year. Resident hunter success rate is for party, regardless of number of hunters in

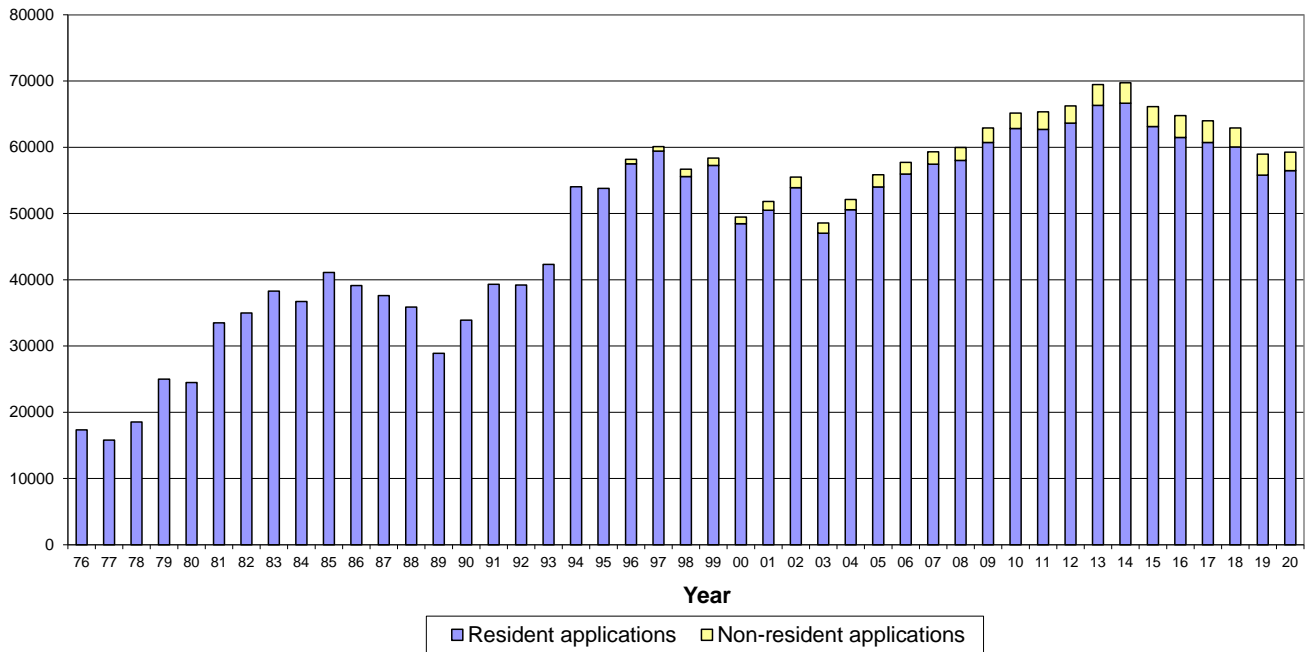
e Introduction of non-resident moose hunter draw for 100 licences.

Year	Estimated Population ^a	# Applications	# Drawn	Licences Issued	Registered Kill	% Hunter Success
2003 res.		47,029	2,779	2,714	1,518	56
non-res.		1,559	100	94	50	53
2003 total	22,000	48,588	2,879	2,808	1,568	56
2004 res.		50,585	2,769	2,694	1,727	64
non-res.		1,539	100	96	67	70
2004 total	23,800	52,124	2,869	2,790	1,794	64
2005 res.		54,026	3,266	3,207	2,026	63
non-res.		1,824	100	97	58	60
2005 total	22,600	55,850	3,366	3,304	2,084	63
2006 res.		55,972	3,002	2,913	2,290	79
non-res.		1,744	100	98	72	73
2006 total	23,800	57,716	3,102	3,011	2,362	78
2007 res.		57,442	3,110	3,061	2,052	67
non-res.		1,875	100	99	68	69
2007 total	25,000	59,317	3,210	3,160	2,120	67
2008 res.		58,023	3,340	3,286	2,161	66
non-res.		1,948	100	96	70	73
2008 total	25,700	59,971	3,440	3,382	2,231	66
2009 res.		60,716	3,402	3,347	2,341	70
non-res.		2,209	100	98	68	69
2009 total	26,200	62,925	3,502	3,445	2,409	70
2010 res.		62,844	3,545	3,483	2,393	69
non-res.		2,319	100	100	81	81
2010 total	25,900	65,163	3,645	3,583	2,474	69
2011 res.		62,696	4,364	4,271	2,419	57
non-res.		2,648	100	97	59	61
2011 total	28,600	65,344	4,464	4,368	2,478	57
2012 res.		63,649	4,624	4,524	3,466	77
non-res.		2,608	100	100	81	81
2012 total	28,600	66,257	4,724	4,624	3,547	77
2013 res.		66,319	4,612	4,531	3,266	72
non-res.		3,140	100	98	80	82
2013 total	29,400	69,459	4,712	4,629	3,346	72
2014 ^f res.		66,658	4,612	4,529	3,605	80
non-res.		3,002	50	47	39	83
outfitter non-res. ^g		81	50	50	39	78
2014 total	29,800	69,741	4,712	4,626	3,683	80
2015 res.		63,135	4,592	4,498	3,651	81
non-res.		2,938	50	50	42	84
outfitter non-res.		78	50	50	36	72
2015 total	31,800	66,151	4,692	4,598	3,729	81
2016 res.		61,487	4,643	4,541	3,357	74
non-res.		3,177	50	49	37	76
outfitter non-res.		118	50	50	41	82
2016 total	31,200	64,782	4,743	4,640	3,435	74
2017 res.		60,724	4,635	4,564	3,731	82
non-res.		3,113	50	50	44	88
outfitter non-res.		159	50	49	42	86
2017 total	30,800	63,996	4,735	4,663	3,817	82
2018 res.		60,053	4,465	4,352	3,451	79
non-res.		2,688	50	50	41	82
outfitter non-res.		172	50	50	38	76
2018 total	30,500	62,913	4,565	4,452	3,530	79
2019 res.		55,813	4,744	4,662	3,613	77
non-res.		2,943	50	50	39	78
outfitter non-res.		206	50	50	37	74
2019 total	30,900	58,962	4,844	4,762	3,689	77
2020 res.		56,486	4,794	4,743	3,839	81
non-res.		2,704	50	47	29	62
outfitter non-res.		78	50	50	37	74
2020 total	31,600	59,268	4,894	4,840	3,905	81

f 5 day season begins.

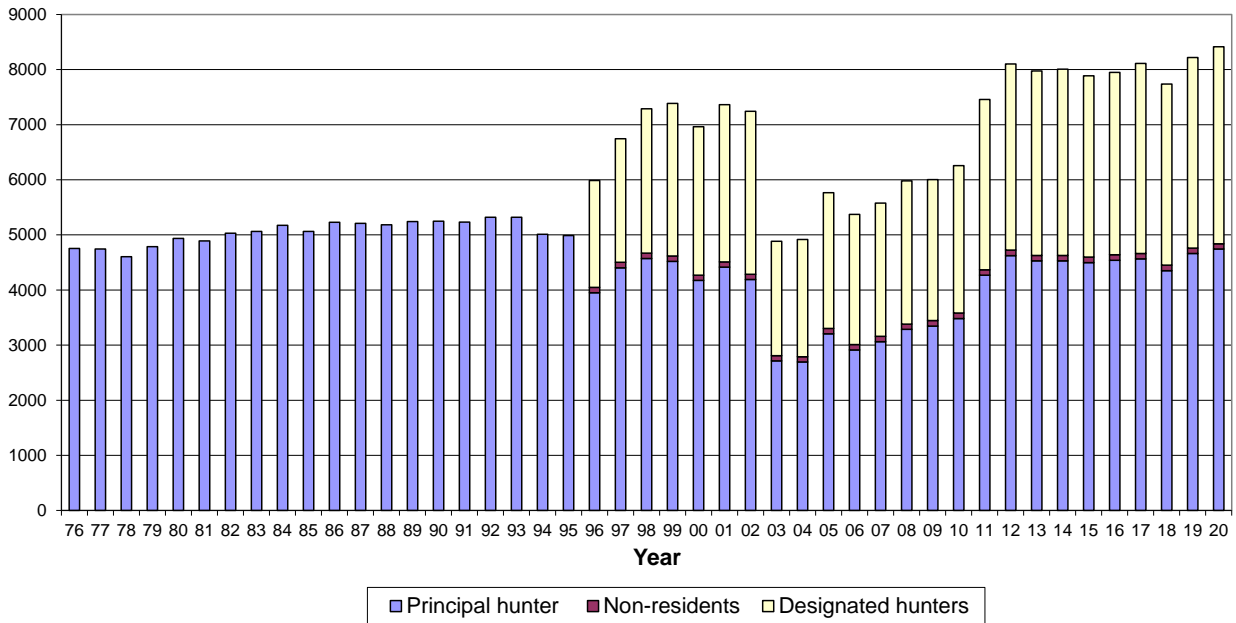
g Introduction of outfitter and guide non-resident draw for 50 licences. Non-resident moose hunter draw reduced from 100 to 50 licences.

MOOSE HUNTING APPLICATIONS 1976 - 2020 New Brunswick



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

MOOSE HUNTING LICENCES SOLD 1976 - 2020 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 2020

WMZ	Licence Quota 2020	# Applicants	Applicants Drawn	Resident Principal Hunter Licences ¹ Purchased	Designated Hunter Licences ² Purchased	2020 Reg'd Kill ³	% Successful in Harvesting a Moose	Licence Quota 2021
1	138	959	138	136	104	122	90	129
2	440	2,301	440	434	298	366	84	443
3	357	3,688	357	354	264	332	94	355
4	382	3,256	382	377	280	321	85	378
5	266	3,037	266	264	166	225	85	270
6	350	2,143	350	346	209	278	80	339
7	420	6,479	420	414	322	366	88	435
8	251	3,173	251	244	182	207	85	251
9	58	1,028	58	58	36	47	81	58
10	70	1,243	70	69	47	61	88	71
11	220	2,096	220	218	160	181	83	225
12	283	3,123	283	278	217	234	84	302
13	175	1,968	175	173	145	139	80	180
14	119	1,858	119	119	107	90	76	119
15	139	1,699	139	138	98	107	78	143
16	182	2,884	182	183	136	148	81	176
17	163	1,468	163	162	134	119	73	173
18	163	2,061	163	162	143	98	60	163
19	86	1,256	86	86	77	61	71	86
20	142	4,044	142	141	119	98	70	135
21	84	1,227	84	82	56	51	62	89
22	82	671	82	81	73	32	40	76
23	106	2,154	106	106	95	62	58	109
24	41	1,024	41	41	36	32	78	35
25	77	1,646	77	77	71	62	81	77
Province	4,794	56,486	4,794	4,743	3,575	3,839	81	4,817

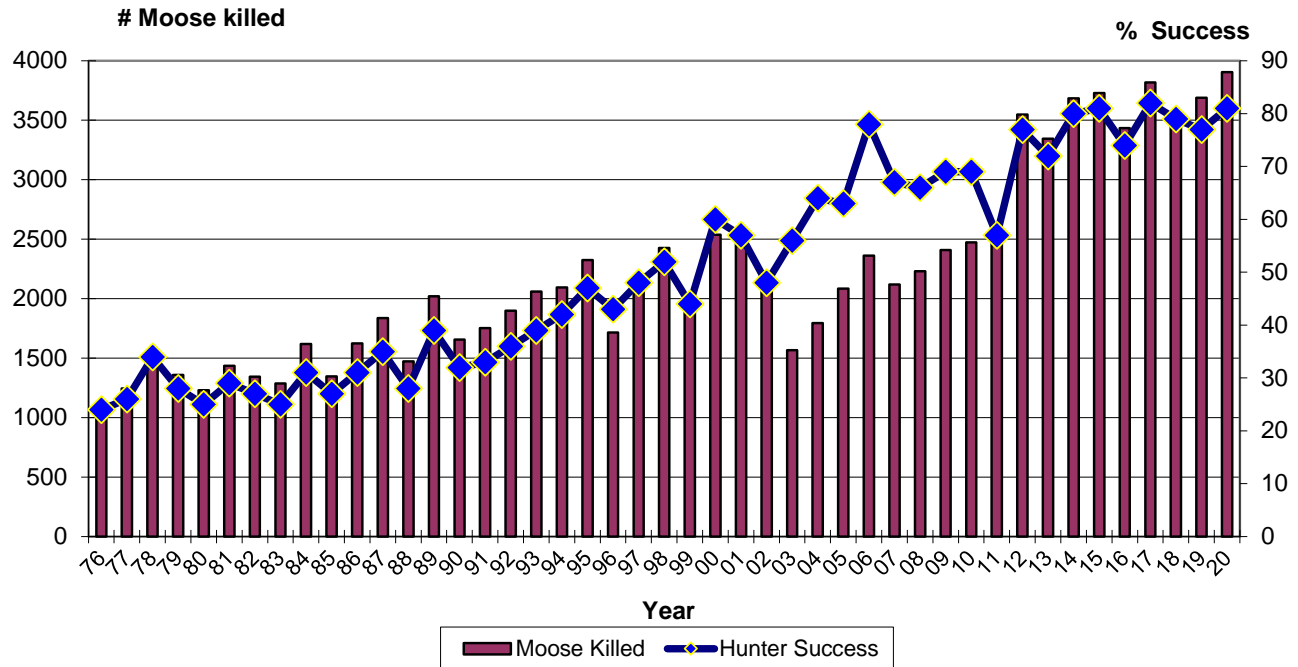
¹ Licences purchased are those of the resident principal hunters who were successful in the draw.

² Designated hunter licences allow principal hunters to be accompanied by one other resident hunter who can assist in filling their tag.
75% 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 (%)

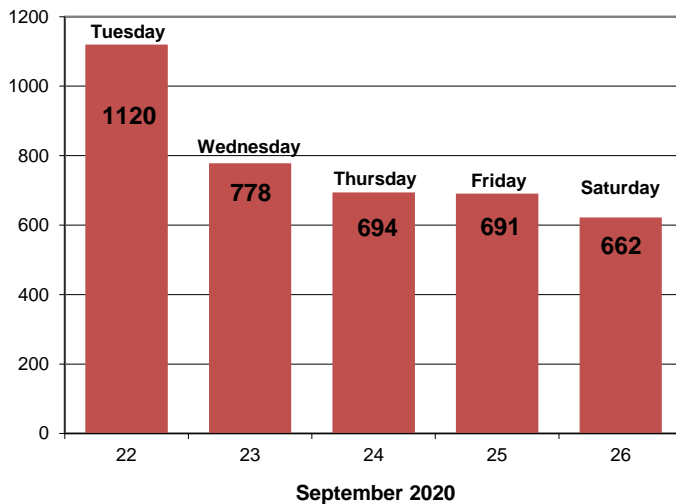
1976-2020 New Brunswick



-1994: Implementation of quotas by zone

MOOSE KILL BY DAY

2020 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

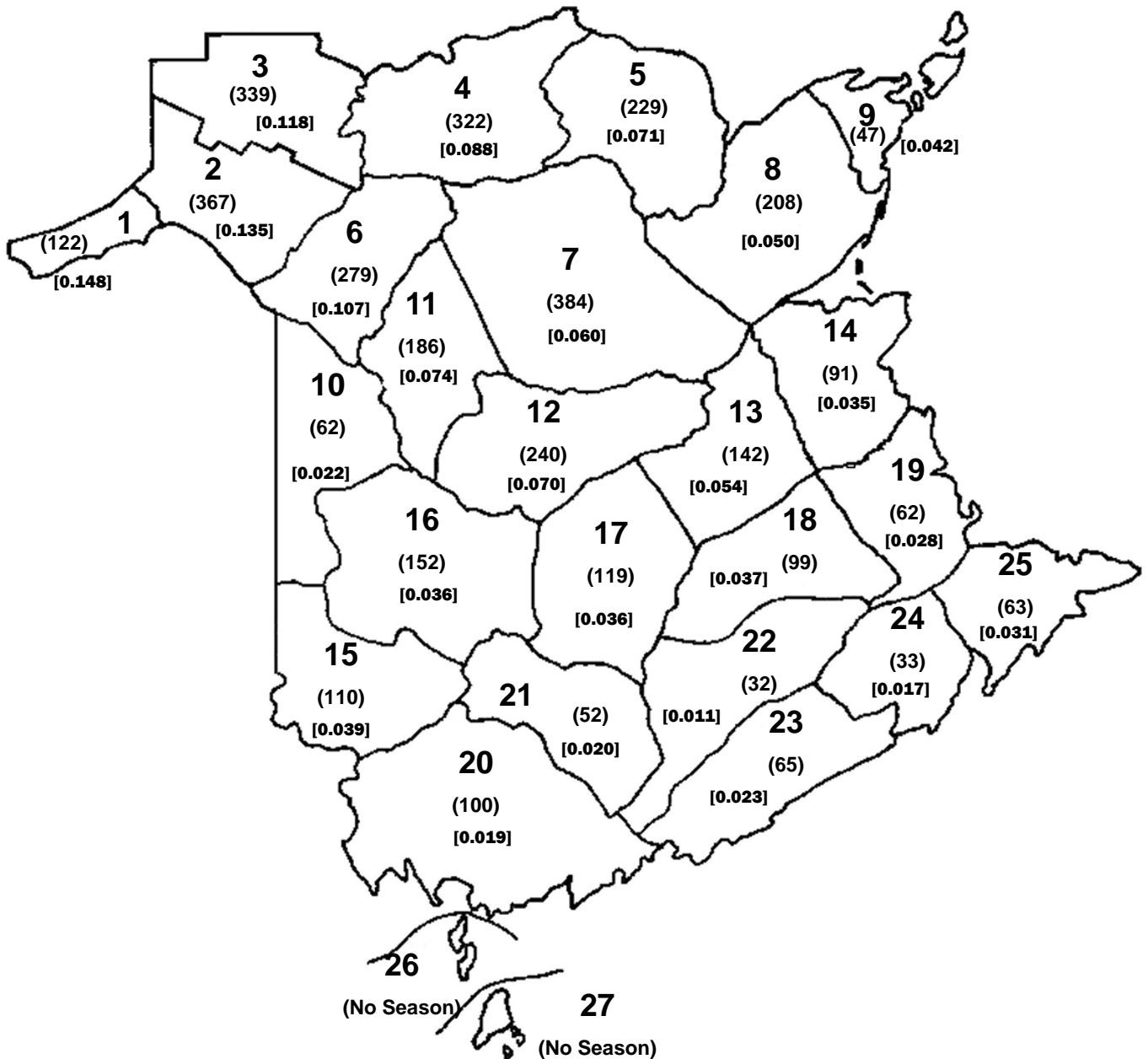
* Weights were obtained from 1017 moose registered at Fredericton and Edmundston, 1986 - 1989 & at Fredericton 1995 - 2000.

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

REGISTERED MOOSE HARVEST BY WILDLIFE MANAGEMENT ZONE

NEW BRUNSWICK 2020

TOTAL HARVEST (#) and HARVEST PER KM² []



A total of 3,905 moose registered in 2020.
Harvest per km² for all open zones = 0.052

SEX AND AGE OF MOOSE HARVESTED

1960 - 2020 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

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
2020 New Brunswick**

WMZ	MALE				FEMALE				Sex Unknown	Total
	Adult	Yearling	Calf	Age Unknown	Adult	Yearling	Calf	Age Unknown		
1	39	18	1	3	32	14	5	10	0	122
2	130	44	6	21	75	38	11	40	2	367
3	174	31	0	19	77	18	5	15	0	339
4	147	48	1	17	68	27	3	10	1	322
5	106	18	2	9	56	17	3	17	1	229
6	144	27	4	22	45	21	3	12	1	279
7	239	23	2	27	69	12	4	8	0	384
8	116	25	1	5	40	14	1	6	0	208
9	31	3	1	0	9	3	0	0	0	47
10	35	7	0	2	11	4	2	1	0	62
11	109	31	0	2	32	11	0	1	0	186
12	142	33	4	8	37	9	5	1	1	240
13	85	15	0	10	22	9	0	1	0	142
14	55	13	0	0	19	4	0	0	0	91
15	62	24	0	0	16	5	1	1	1	110
16	73	28	0	3	30	16	1	1	0	152
17	71	17	0	2	20	5	3	1	0	119
18	54	13	0	1	18	8	3	2	0	99
19	24	9	0	1	19	7	0	1	1	62
20	55	18	1	2	17	5	1	1	0	100
21	24	9	0	5	9	4	1	0	0	52
22	16	3	0	1	6	1	4	1	0	32
23	34	8	2	1	13	5	1	1	0	65
24	15	5	0	2	7	3	0	1	0	33
25	35	8	0	2	14	2	1	1	0	63
unknown	0	0	0	0	0	0	0	0	0	0
Province	2015	478	25	165	761	262	58	133	8	3905

MOOSE SIGHTINGS PER HOUR HUNTED FOR WILDLIFE MANAGEMENT ZONES 1990 - 2020 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	
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	
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	
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	
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	
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	0.10	0.13	0.14	0.16	0.14	
6	0.04	0.04	0.04	0.04	0.06	0.05	0.07	0.05	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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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
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
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	

DEER HARVEST REPORT - 2020

The 2020 deer hunting season had a harvest of 7,776 deer, 6% more than in 2019. The 2019 season was quite good with an increase of 15% from the year before, so the 2020 harvest continues a positive trend. The harvest increase was most notable in southern New Brunswick (+13%) where the past few winters have been milder and the deer herd appears to be growing. Central NB had a decline (-13%), but northern NB had a significant decline (-31%) after another bad winter. Five of the past 6 winters in northern NB have been very severe and unfortunately the effects are having an impact on the local deer herd.

A total of 45,112 residents and 99 non-residents purchased deer hunting licences, a 6% increase from the year before. Resident hunters had a harvest success rate of 15%, while non-resident hunters had success rates of 19%. Hunters with Antlerless Deer Permits had better success rates of 44% because of their ability to harvest a deer of either sex. The overall hunter success rate was 17%.

In 2020 there were 4,400 Antlerless Deer Permits made available; 800 more than in 2019. A total of 10,556 resident hunters applied for the computerized tag draw, of which 4,366 were successful. Hunters with antlerless deer tags harvested 1,942 deer, a 44% success rate. Of the successful antlerless permit holders, 62% harvested antlerless deer.

More deer were harvested during the first week than in the other weeks of the season; (Wk 1 = 36%, Wk 2 = 20%, Wk 3 = 20%, Wk 4 = 25%). There were 965 deer (13% of the harvest) taken on the four Sundays that were open for hunting during the season.

The harvest was comprised of 79% bucks, 18% adult females, and 3% fawns.

2021 Synopsis

This past winter was quite mild in most of New Brunswick, with many zones estimated to have significantly improved deer winter survival. The deer population model is influenced by winter survival rates, and the modelled pre-hunt deer population is predicted to be 5% higher in 2021 for the central and southern zones of the province.

The 2021 deer hunting season will have a 37% increase in the number of available antlerless deer hunting permits (ADPs), from 4400 to 6050 permits province-wide (+1650 permits). Wildlife Management Zones (WMZ) 19, 21, 24 and 25 have not received antlerless deer permits for many years, but now show signs of population growth and can receive ADPs. The deer herds in WMZ 16, 20, 22, 23, and 26 have also grown and more ADPs can be issued to offer an increase in the recreational hunt of antlerless deer. The deer herd in WMZ 27, Grand Manan, seems quite stable and issued ADPs will remain unchanged.

However the deer herd in northern New Brunswick is a different situation. The northern zones had experienced very severe winters for 7 of the past 9 winters and deer numbers have declined. Although this past winter was considerably easier on deer, it was recommended to not issue any ADPs in WMZ 10 to allow for recovery, which may take a few years.

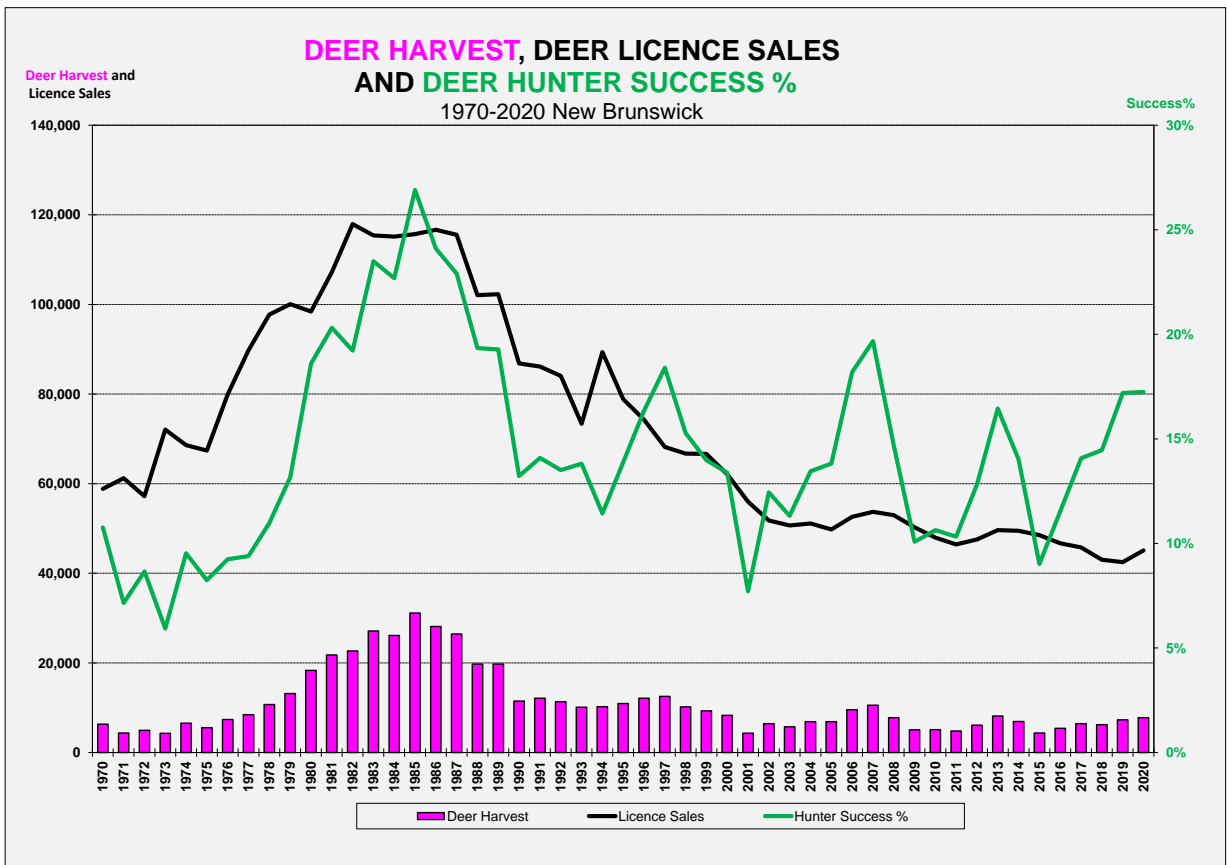
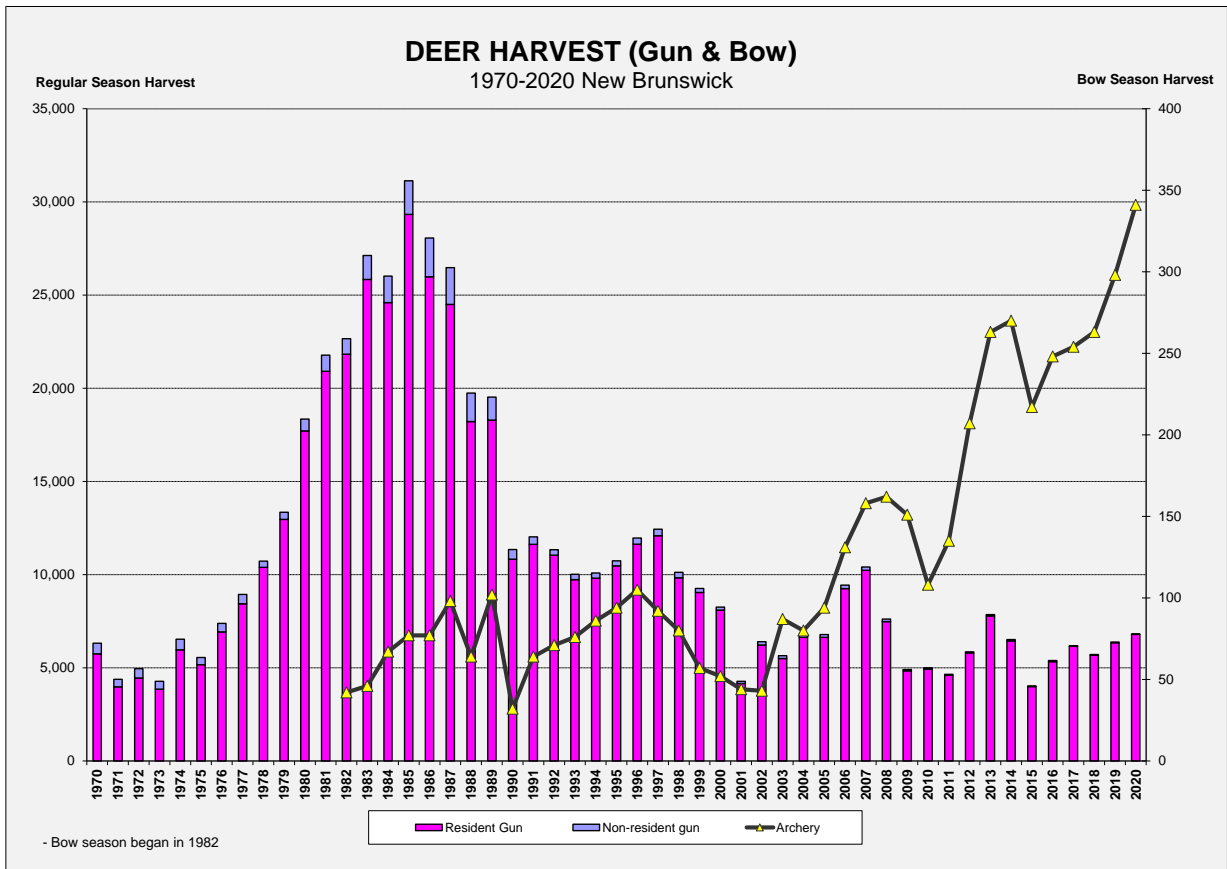
DEER LICENCE SALES AND HARVESTS

New Brunswick 1970 - 2020

YEAR	LICENCES SOLD				HARVESTS								Estimated Prehunt Population *
	RESIDENT GUN	NON-RES. GUN	TOTAL BOW	TOTAL	RESIDENT GUN SEASON	NON-RES. GUN SEASON	TOTAL BOW	TOTAL CROSSBOW	Nuisance Harvest (Gun & Archery)	UNK	TOTAL HARVEST	Hunter Success Rate	
1970 ^a	56,350	2,495		58,845	5,749	568					6,335	11%	66,182
1971	59,060	2,171		61,231	3,981	398					4,379	7%	44,901
1972	55,151	2,055		57,206	4,455	500					4,955	9%	53,696
1973	69,913	2,162		72,075	3,856	417					4,273	6%	35,592
1974	66,226	2,382		68,608	5,959	577					6,536	10%	60,751
1975	65,763	1,622		67,385	5,164	390					5,554	8%	51,910
1976	78,331	1,581		79,912	6,927	457					7,384	9%	60,587
1977	87,812	1,938		89,750	8,431	506					8,937	10%	68,554
1978	96,671	1,068		97,739	10,390	335					10,725	11%	80,267
1979	98,807	1,271		100,078	12,958	386					13,344	13%	104,550
1980	96,674	1,761		98,435	17,710	634					18,344	19%	155,558
1981	104,896	2,297		107,193	20,905	867					21,772	20%	183,007
1982	114,330	2,749	852	117,931	21,830	827	42				22,699	19%	184,059
1983	111,148	3,134	1,120	115,402	25,833	1,286	46				27,165	24%	230,427
1984	109,873	4,118	1,143	115,134	24,593	1,423	67				26,083	23%	219,864
1985	109,708	4,801	1,195	115,704	29,329	1,799	77				31,205	27%	270,402
1986	108,722	6,563	1,390	116,675	25,982	2,080	77				28,139	24%	239,151
1987	107,256	6,737	1,569	115,564	24,500	1,974	98				26,572	23%	224,403
1988	94,260	6,366	1,424	102,050	18,210	1,531	64				19,805	19%	167,346
1989	95,486	5,670	1,121	102,277	18,294	1,234	102			89	19,719	19%	166,318
1990 ^b	82,002	3,850	984	86,836	10,830	520	32			98	11,480	13%	96,079
1991	82,391	2,856	900	86,147	11,623	401	64			90	12,178	14%	103,549
1992	80,592	2,557	917	84,066	10,929	290	71			63	11,353	14%	96,923
1993	70,185	2,113	1,072	73,370	9,726	289	76			43	10,134	14%	92,933
1994	86,162	2,152	1,048	89,362	9,811	277	86			42	10,216	11%	81,577
1995	76,030	1,911	901	78,842	10,473	267	94			20	10,944	14%	96,829
1996	71,820	1,619	855	74,294	11,620	331	105			87	12,143	16%	112,222
1997	65,505	1,776	922	68,203	12,084	354	92			20	12,550	18%	120,908
1998	64,165	1,653	902	66,720	9,792	292	80			35	10,199	15%	98,641
1999	63,940	1,780	922	66,642	9,041	218	57				9,316	14%	89,913
2000	59,708	1,514	904	62,126	8,100	160	52			0	8,312	13%	83,359
2001	54,791	1,188	n/a	55,979	4,160	110	44				4,314	8%	52,300
2002	50,729	1,050	n/a	51,779	6,225	175	43				6,443	12%	70,350
2003	49,634	1,030	n/a	50,664	5,499	147	87				5,733	11%	65,777
2004	50,090	1,043	n/a	51,133	6,633	165	80				6,878	13%	71,902
2005	48,804	989	n/a	49,793	6,635	152	94				6,881	14%	84,572
2006	51,652	947	n/a	52,599	9,251	187	131			1	9,570	18%	99,451
2007	52,735	988	n/a	53,723	10,233	179	158				10,570	20%	116,187
2008	52,152	829	n/a	52,981	7,480	138	162				7,780	15%	78,408
2009	49,629	626	n/a	50,255	4,836	73	151				5,060	10%	53,225
2010	47,449	529	n/a	47,978	4,938	55	108				5,101	11%	59,291
2011	46,038	395	n/a	46,433	4,600	47	135	11			4,793	10%	58,657
2012	47,110	424	n/a	47,534	5,802	57	207	27			6,093	13%	72,940
2013	49,240	374	n/a	49,614	7,781	71	263	29		17	8,161	16%	97,712
2014	49,102	374	n/a	49,476	6,452	67	270	42	104	0	6,935	14%	81,365
2015	48,521	318	n/a	48,839	3,930	37	217	35	146	13	4,378	9%	55,042
2016	46,381	333	n/a	46,714	4,880	56	248	77	123	2	5,386	12%	74,263
2017	45,443	335	n/a	45,778	5,742	38	254	141	263	3	6,441	14%	81,445
2018	42,768	248	n/a	43,016	5,514	37	208	218	243	3	6,223	14%	76,716
2019	42,216	267	n/a	42,483	6,349	34	269	241	312	98	7,303	17%	83,610
2020	45,112	99	n/a	45,211	6,788	18	326	315	328	1	7,776	17%	89,716

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

b WMZs / Antlerless Deer Permit System begins.



REGISTERED DEER KILL BY WILDLIFE MANAGEMENT ZONE 2020 NEW BRUNSWICK

WMZ	ADULT MALES	ADULT FEMALES	FAWN MALES	FAWN FEMALES	TOTAL HARVEST	2019 HARVEST	10 Year Average
1	24		5		29	23	33
2	137				137	99	140
3	44				44	42	29
4		Closed Season			0	0	0
5					0	0	0
6	95	1			96	163	308
7	74	1			75	86	129
8	42				42	43	60
9		Closed Season			0	0	0
10	202	24		1	227	284	392
11	52	1			53	117	191
12	84		1		85	120	112
13	26				26	59	35
14	61				61	57	41
15	103		2		105	88	113
16	388	73	12	4	477	581	529
17	214	5			219	226	186
18	176		3		179	170	143
19	289	6		1	296	265	149
20	861	336	13	27	1,237	1,089	556
21	294	5	1		300	236	195
22	1,151	368	17	36	1,572	1,422	1,053
23	961	421	41	32	1,455	1,231	825
24	275				275	262	171
25	376		1		377	298	173
26	64	34	1	1	100	104	66
27	189	103	6	11	309	238	233
UNKNOWN					0		
TOTAL	6,182	1,378	103	113	7,776	7,303	5,856

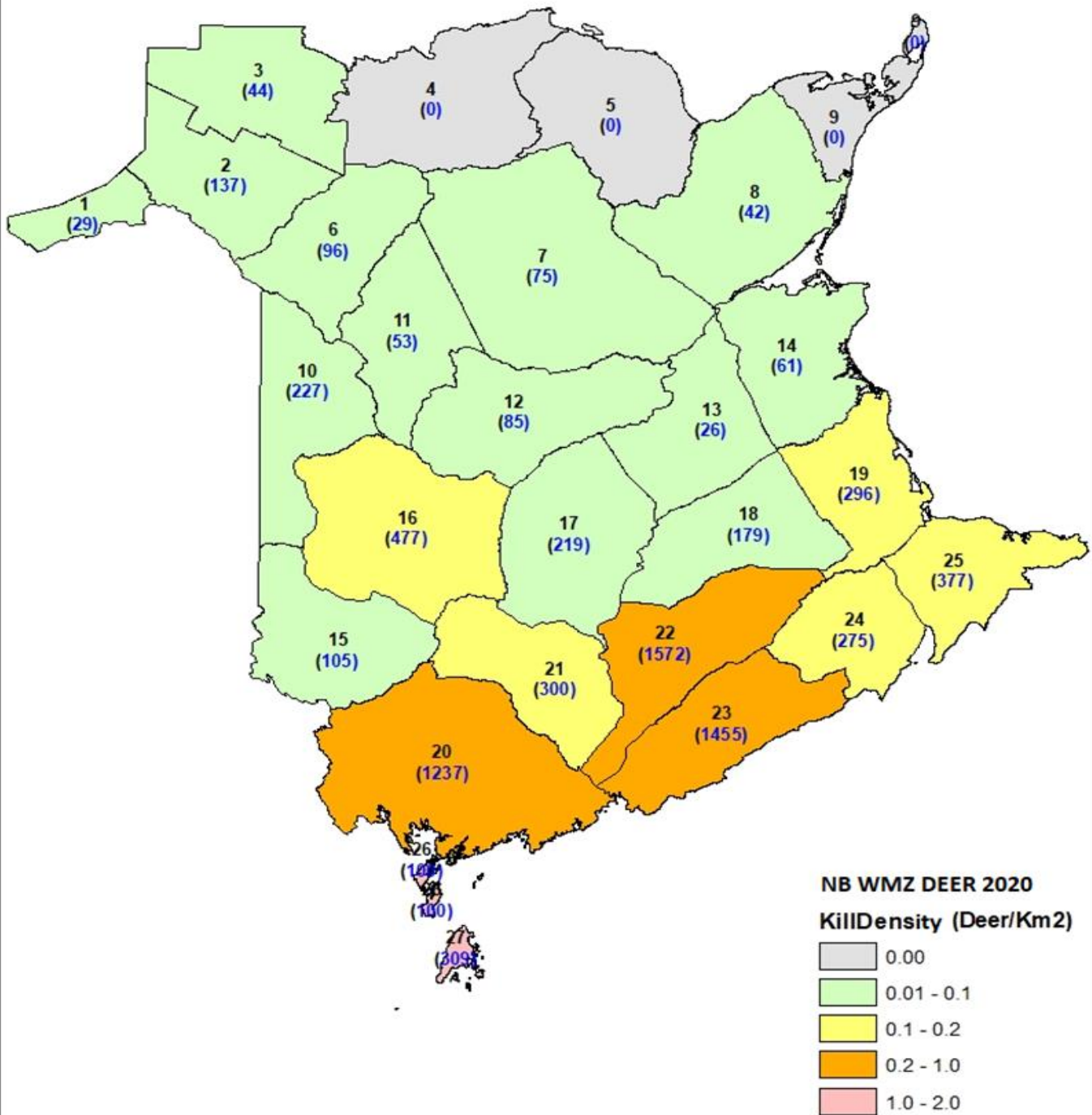
NEW BRUNSWICK DEER HARVEST BY AGE AND SEX

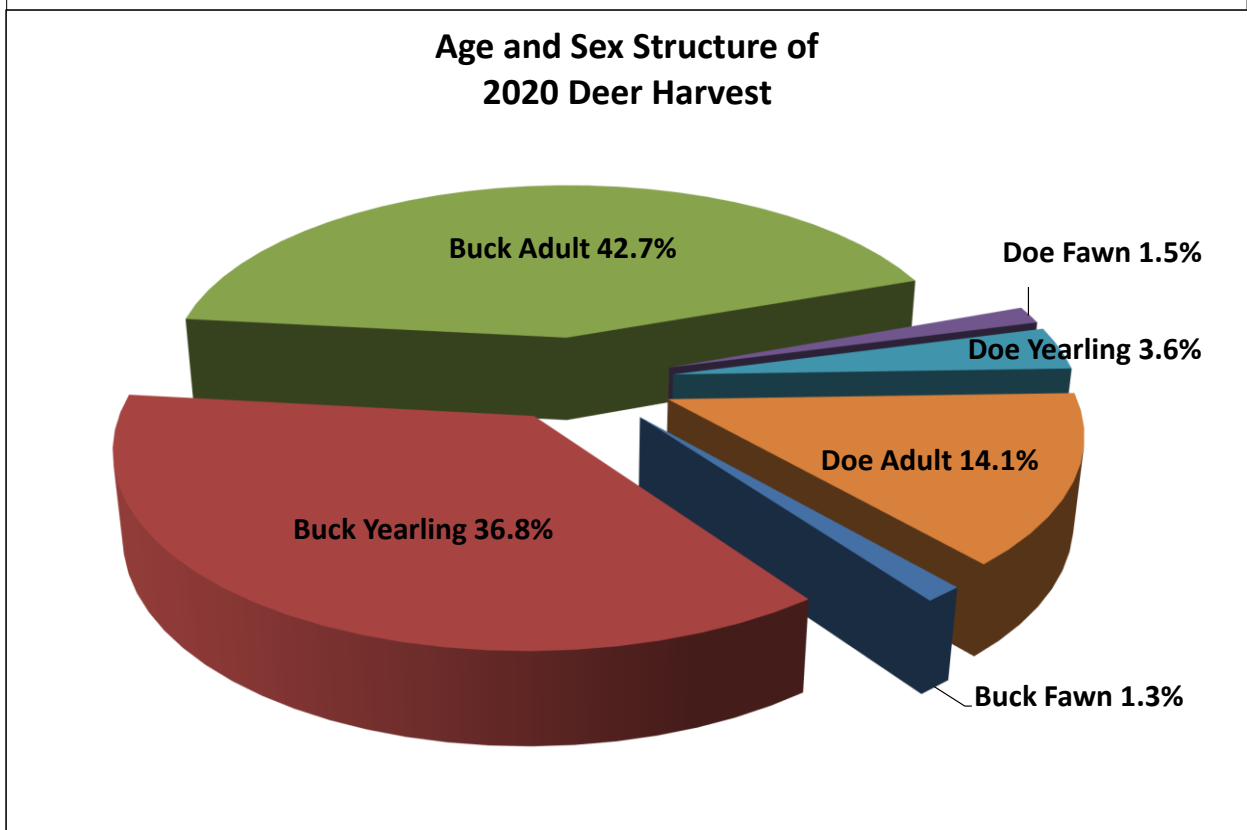
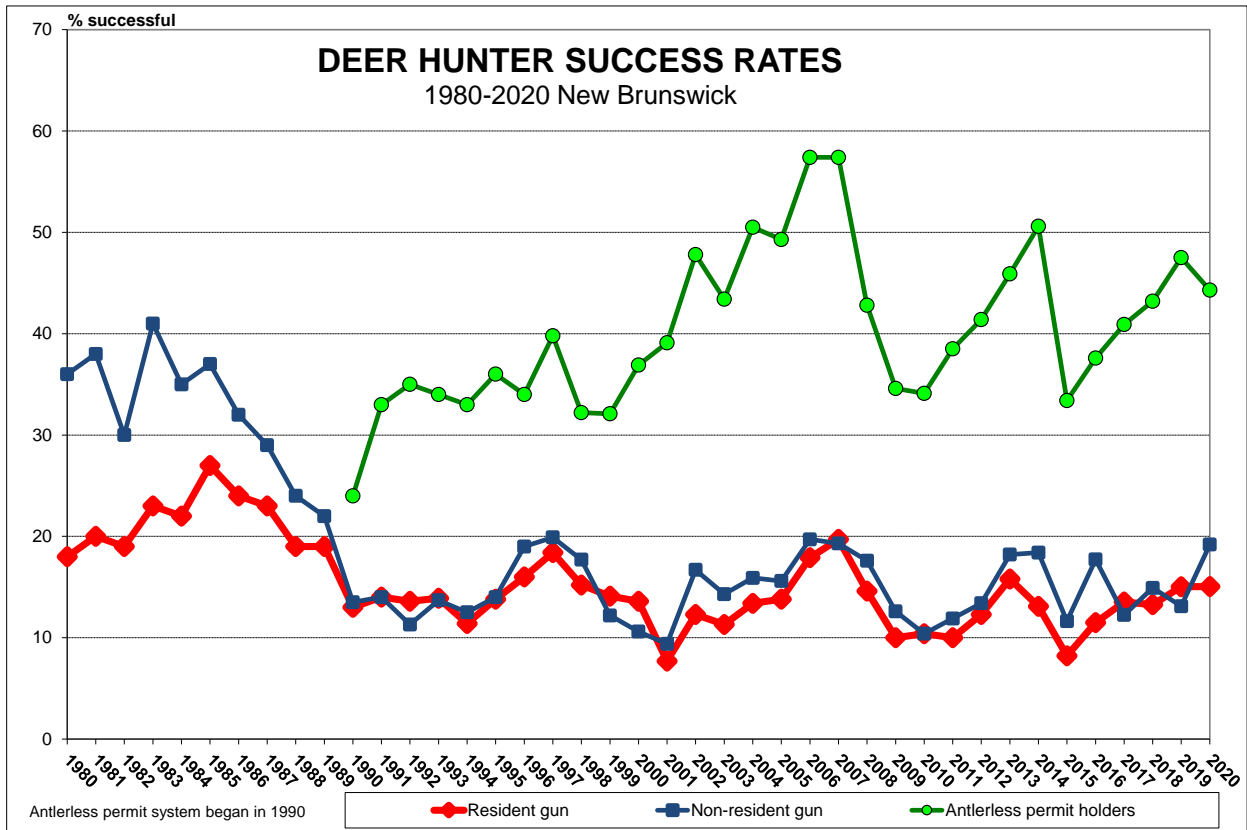
YEAR	ADULT MALE	YLG MALE	ADULT FEMALE	MALE FAWN	FEMALE FAWN	TOTAL	WINTER SURVIVAL%
1980	9209		5641	1744	1610	18344	
1981	10603		6939	2160	1993	21772	
1982	10545		7411	2430	2243	22699	
1983	12727		9022	2758	2545	27165	
1984	12312		8574	2706	2497	26083	
1985	15039		10278	2941	2714	31205	
1986	14056		9197	2500	2307	28139	
1987	12324		8800	2758	2545	26572	
1988	10407		6043	1655	1527	19805	86.0
1989	9741		6265	1779	1642	19719	87.3
1990	5021	1905	3237	606	575	11480	85.9
1991	5265	1963	3451	717	628	12178	86.6
1992	3447	2740	3619	727	720	11353	89.3
1993	3393	2948	2717	525	468	10134	87.8
1994	3058	2990	3053	500	547	10216	86.5
1995	3026	3251	3352	645	598	10944	85.7
1996	4459	3581	2810	616	546	12143	90.3
1997	4227	3109	3732	696	673	12550	86.5
1998	3710	2448	2907	505	548	10199	82.0
1999	3029	2309	2876	544	475	9316	87.2
2000	2551	2637	2298	399	373	8312	87.5
2001	1931	1565	625	105	72	4314	83.6
2002	2987	2503	721	150	66	6443	88.8
2003	2564	2367	605	99	54	5733	82.6
2004	2494	3089	1017	153	76	6878	88.4
2005	2522	3170	958	127	82	6881	87.8
2006	3446	4332	1476	178	110	9570	90.2
2007	3227	4772	2128	210	217	10570	89.5
2008	3548	2763	1184	112	111	7780	76.9
2009	1616	2212	974	139	88	5060	79.8
2010	1786	2134	917	162	94	5101	88.1
2011	1566	2406	641	78	76	4793	83.9
2012	1869	3184	853	96	66	6093	89.8
2013	2749	4409	800	124	74	8161	89.0
2014	2532	3405	820	107	71	6935	81.7
2015	2029	1622	588	71	61	4378	79.7
2016	2064	2705	494	66	49	5386	89.5
2017	2496	3003	777	87	78	6441	84.7
2018	2537	2557	966	75	88	6223	82.4
2019	3669	2356	1096	90	92	7303	81.1
2020	3320	2862	1378	103	113	7776	86.1

REGISTERED DEER KILL BY WILDLIFE MANAGEMENT ZONE 2011 - 2020 NEW BRUNSWICK

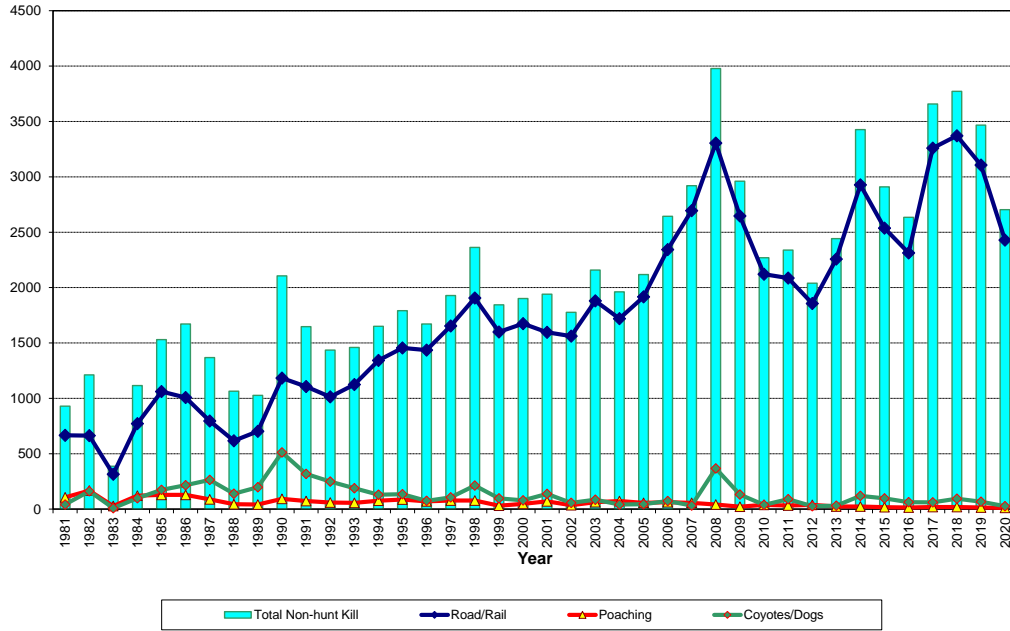
WMZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	27	39	41	69	42	30	34	18	23	29
2	115	153	186	197	152	157	149	129	99	137
3	0	0	0	0	57	40	48	25	42	44
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	276	347	599	469	253	271	294	178	163	96
7	100	176	287	209	71	92	86	65	86	75
8	32	59	117	90	37	57	68	48	43	42
9	0	0	0	0	0	0	0	0	0	0
10	317	435	658	586	269	348	438	326	284	227
11	158	225	324	338	143	158	181	133	117	53
12	96	155	260	149	54	86	76	75	120	85
13	30	39	73	34	16	36	36	24	59	26
14	26	51	51	56	24	56	56	36	57	61
15	91	110	141	110	98	141	104	104	88	105
16	445	557	796	550	470	564	594	432	581	477
17	165	203	326	204	128	159	172	149	226	219
18	152	160	223	137	88	112	140	110	170	179
19	119	156	190	166	111	144	196	220	265	296
20	330	393	601	662	505	584	766	857	1089	1,237
21	179	231	260	183	143	169	210	185	236	300
22	855	1,169	1282	1,093	625	830	1062	1,251	1422	1,572
23	653	715	870	965	683	783	1026	1,079	1231	1,455
24	140	162	231	184	97	156	206	211	262	275
25	158	206	252	177	80	152	180	223	298	377
26	59	66	72	65	51	49	78	99	104	100
27	234	255	286	238	168	204	241	246	238	309
UNKNOWN	36	31	35	4	13	8	0	0	0	0
TOTAL	4,793	6,093	8,161	6,935	4,378	5,386	6,441	6,223	7,303	7,776

NEW BRUNSWICK 2020 DEER HARVEST BY WILDLIFE MANAGEMENT ZONE



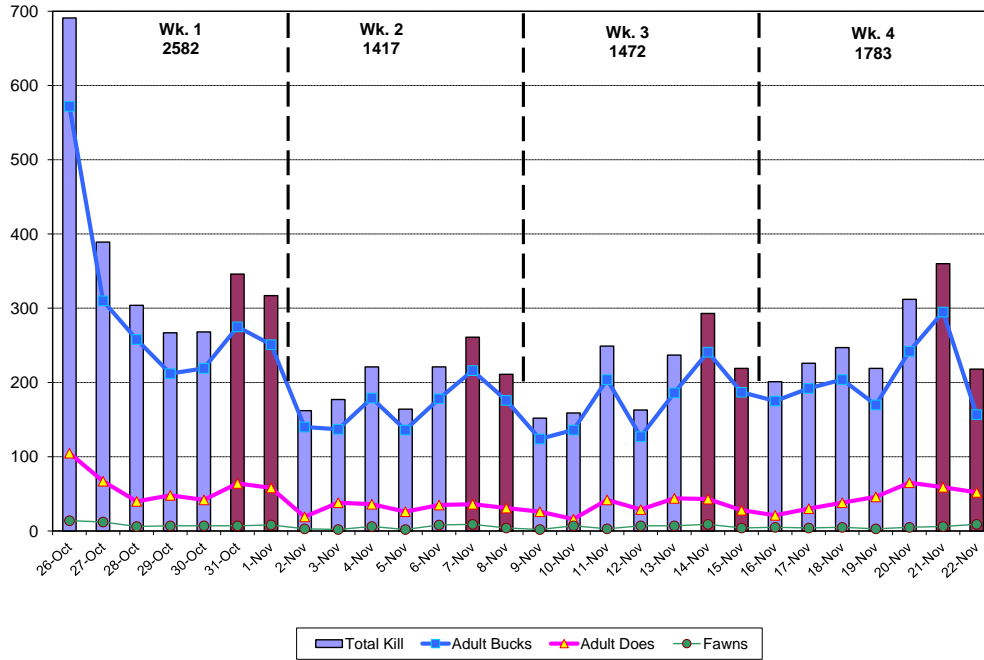


REPORTED NON-HUNTING DEER MORTALITY 1981-2020 New Brunswick



- reported and handled by DNR staff

DAILY DEER KILL - FIREARMS SEASON 2020 New Brunswick



- total of 7,254 deer registered in firearm season
- Saturday & Sunday (dark columns)

2020 ANTLERLESS DEER PERMIT DRAW AND 2021 QUOTA					
WMZ	2020 Quota	2020 Applications	2020 Drawn	% Successful Applicant	2021 Quota
1	0	0	0	n/a	0
2	0	0	0	n/a	0
3	0	0	0	n/a	0
4	SEASON CLOSED			n/a	0
5	SEASON CLOSED			n/a	0
6	0	0	0	n/a	0
7	0	0	0	n/a	0
8	0	0	0	n/a	0
9	SEASON CLOSED			n/a	0
10	50	1,472	51	3.5%	0
11	0	0	0	n/a	0
12	0	0	0	n/a	0
13	0	0	0	n/a	0
14	0	0	0	n/a	0
15	0	0	0	n/a	0
16	100	1,175	103	8.8%	150
17	0	0	0	n/a	0
18	0	0	0	n/a	0
19	0	0	0	n/a	150
20	1000	1,951	1,007	51.6%	1200
21	0	0	0	n/a	150
22	1400	3,506	1,413	40.3%	1900
23	1300	1,968	1,308	66.5%	1600
24	0	0	0	n/a	150
25	0	0	0	n/a	150
26	100	98	98	100.0%	150
27	450	386	386	100.0%	450
TOTALS	4,400	10,556	4,366	41.4%	6050

ANTLERLESS DEER PERMITS 2011 - 2020 SUMMARY									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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	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	0	0	0	0	0	0	0	0	0
50	100	100	50	50	50	100	100	100	100
50	50	50	50	50	0	0	0	0	0
50	50	50	50	50	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	100	100	100	200	400	700	1000
200	200	200	100	50	0	0	0	0	0
1000	1500	1500	1000	800	600	700	1200	1200	1400
1000	1000	1000	800	600	600	600	1000	1000	1300
50	50	50	50	50	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
50	50	50	50	50	50	50	100	100	100
400	450	450	450	450	400	400	500	450	450
2900	3450	3450	2700	2250	1800	2100	3400	3600	4400

 NO PERMITS AVAILABLE
 SEASON CLOSED

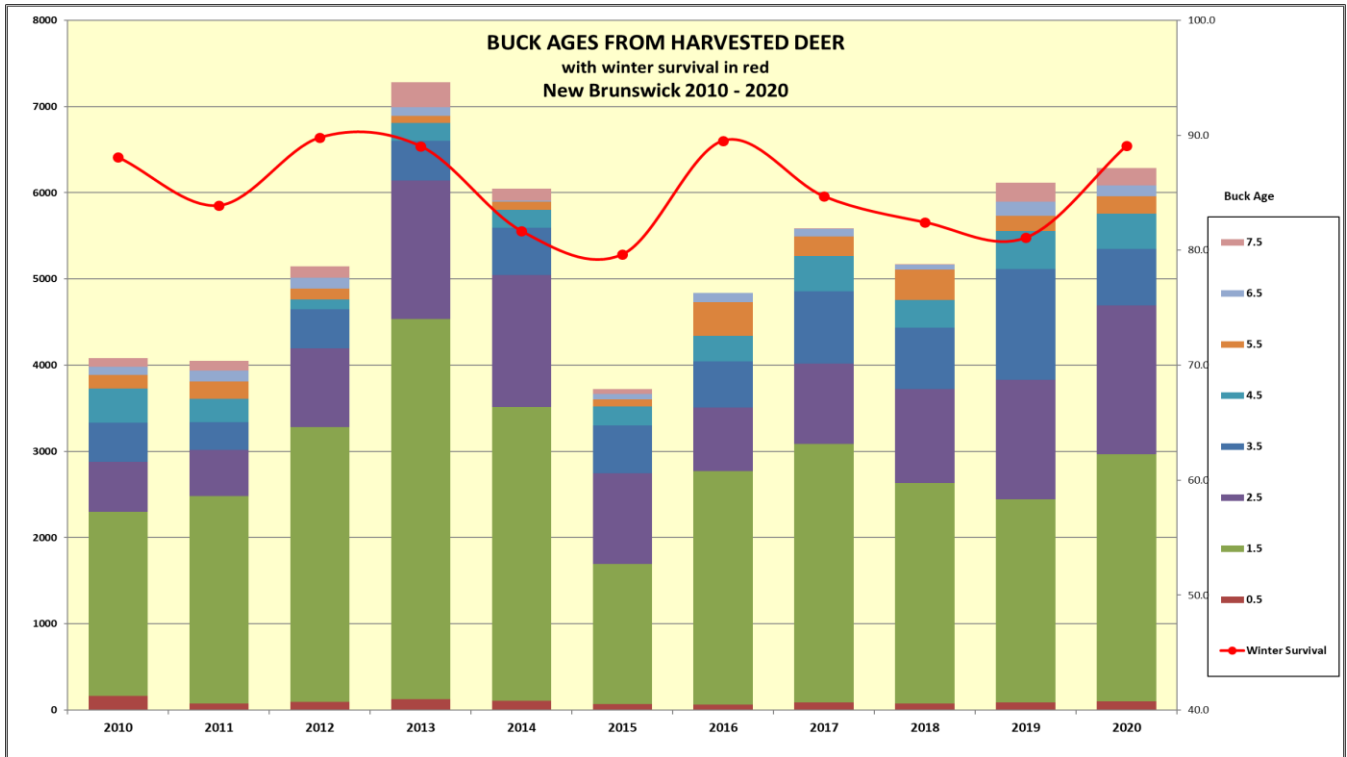
**ANTLERLESS DEER PERMIT
2011 - 2020 SUMMARY**

WMZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1										
2										
3										
4										
5										
6										
7										
8										
9										
10							55	118	57	51
11										
12										
13										
14										
15	51									
16	57	106	109	53	53	55	105	100	110	103
17	51	55	51	54	51					
18	53	54	52	53	53					
19										
20				100	105	101	212	400	704	1007
21	200	201	206	100	50					
22	1018	1508	1537	1000	815	604	727	1214	1229	1413
23	1009	1017	1010	800	603	605	606	1010	1008	1308
24	54	51	51	51	50					
25										
26	51	50	50	50	50	51	52	99	98	98
27	387	393	376	380	351	388	400	375	358	386
TOTALS	2931	3435	3442	2641	2181	1804	2157	3316	3564	4366

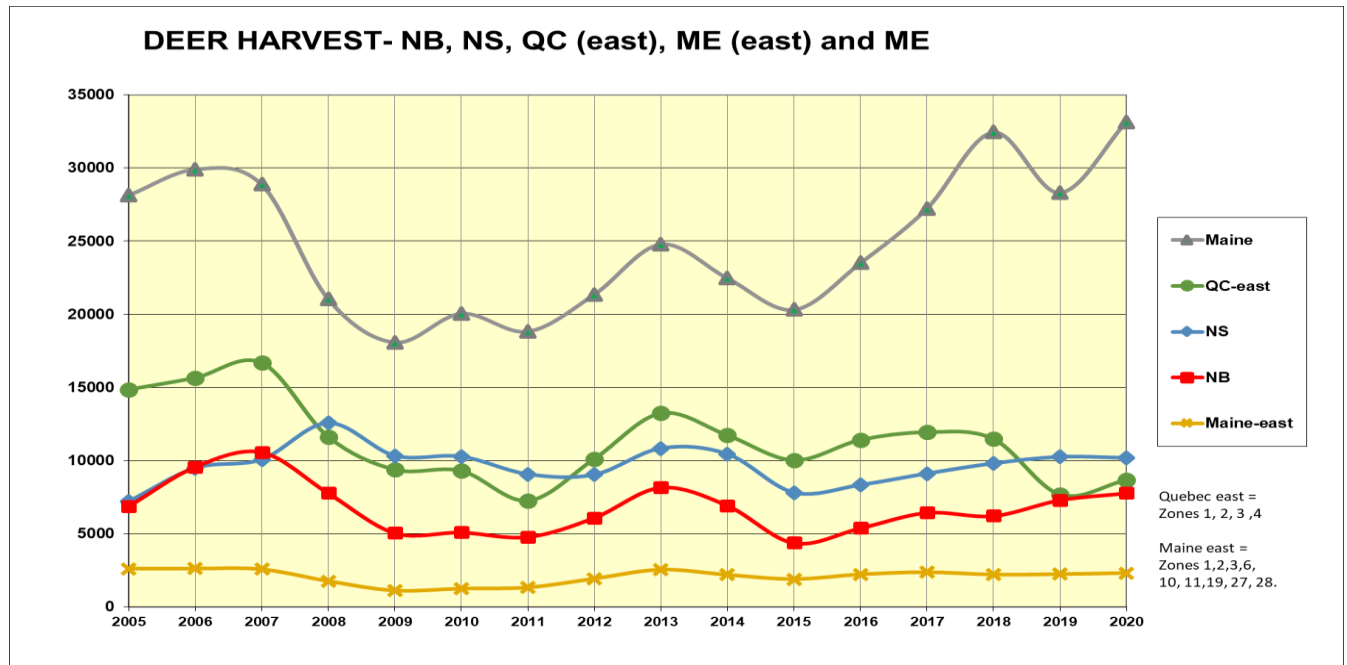
**ANTLERLESS DEER HARVEST
2011 - 2020 SUMMARY**

WMZ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10								29	50	27	24
11											
12											
13											
14											
15	13										
16	12	36	37	22	24	8	29	24	78	30	
17	9	16	18	17	13						
18	17	8	10	5	9						
19											
20				49	30	25	80	136	262	312	
21	56	52	26	21	13						
22	290	423	399	260	194	152	178	293	325	368	
23	216	268	262	220	139	134	148	221	372	328	
24	13	18	25	8	8						
25											
26	21	30	19	21	16	22	18	38	33	36	
27	97	95	111	98	75	83	98	84	83	120	
TOTALS	745	949	909	721	521	424	580	846	1191	1223	

BUCK AGES FOR ALL HARVESTED BUCKS 2010 - 2020



NEW BRUNSWICK DEER HARVEST COMPARED TO NEIGHBORING AREAS



New Brunswick's Top Bucks of 2020

Findings based on 856 bucks of the 6182 harvested bucks (14%)
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	52	16	16	98	216	9.5
2	51	1	10	118	260	7.5
3	51	2	10	92	202	9.5
4	46	22	14	100	220	5.5
5	46	23	10	88	194	7.5
6	45.5	20	7	98	216	8.5
7	43	23	10	105	231	4.5
8	43	22	8	109	240	7.5
9	43	22	9	90	198	4.5
10	42	2	8	125	275	9.5

Heaviest Bucks

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	37	22	10	127	279	5.5
2	42	2	8	125	275	9.5
3	51	1	10	118	260	7.5
4	37	2	10	118	260	7.5
5	39	22	11	117	257	3.5
6	30	16	8	116	255	4.5
7	39	2	13	115	253	8.5
8	37	2	6	114	251	6.5
9	27	23	8	114	251	na
10	38	22	8	111	244	4.5

Oldest Bucks

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	35	8	8	109	240	10.5
2	52	16	16	98	216	9.5
3	51	2	10	92	202	9.5
4	42	2	8	125	275	9.5
5	41.5	21	8	106	233	9.5
6	45.5	20	7	98	216	8.5
7	42	15	10	99	218	8.5
8	41.5	21	10	89	196	8.5
9	39.5	8	10	105	231	8.5
10	39.5	16	9	107	235	8.5

Highest Number of Points

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	52	16	16	98	216	9.5
2	32.5	20	16	91	200	4.5
3	46	22	14	100	220	5.5
4	37	23	14	92	202	4.5
5	32	22	14	na	na	4.5
6	39.9	8	13	na	na	6.5
7	39	2	13	115	253	8.5
8	34	22	13	na	na	4.5
9	39	23	12	na	na	6.5
10	38	2	12	100	220	7.5

Average Buck Weight by Age

Age	Number	Avg. lbs	No. above 200 lbs	% above 200 lbs
1.5	287	125	0	0
2.5	187	149	3	2%
3.5	67	170	11	16%
4.5	45	197	22	49%
5.5	24	202	14	58%
6.5	14	204	9	64%
7.5	17	219	14	82%
8.5	6	225	5	83%
9.5	4	232	4	100%
10+	1	240	1	100%
All 3.5 +	178	192	80	45%

BLACK BEAR HARVEST REPORT – 2020

Summary

Hunters harvested a total of 987 black bears during New Brunswick's 2020 hunting seasons which is a 46% decrease from the 2019 season (1846). 645 bears were taken in the spring season, 342 were taken during the fall gun season, and 5 were taken during the fall bow-only portion of the season in September. Of the 25 Wildlife Management Zones (WMZ's) that have black bear populations, 7 WMZ's (8,10,16,18,20,21 and 22) contributed over 50% of the total harvest.

A total of 7,430 black bear licenses were sold in 2020, up from 2019 (7,201 licenses). Of this total, 7,372 were purchased by residents and 58 were purchased by non-residents. Non-residents could not participate in the spring season because of travel restrictions put in place due to the COVID-19 pandemic. However, during the fall season non-residents from the Atlantic provinces were permitted to participate in the black bear hunt. In 2020, the Big Game Bundle license package was also introduced. This allows residents to purchase their bear, deer/game bird, and varmint licenses together, with bear and varmint licenses at a discounted price. 1,015 Big Game Bundle Licenses packages were sold, accounting for 14% of resident bear license sales.

Non-resident hunters harvested 12 bears for a 21% success rate, whereas residents harvested 975 bears for a success rate of 13%. Of the total harvest, 129 animals (13%) were taken by bow/crossbow hunting. Of the 226 bears reported killed that were not taken by hunters, 144 were killed by motor vehicles and 62 were destroyed as nuisance animals.

2021 Synopsis

New Brunswick's black bear population is currently estimated at more than 17,000 animals. Bear hunters should expect to have an average year during the 20 weeks of bear hunting opportunity in 2021.

BLACK BEAR HARVEST STATISTICS

1971 - 2020 New Brunswick

Year	Estimated Population ¹	LICENCES SOLD			Non-Resident Licences Used ^a	BLACK BEAR HARVEST			
		Resident	Non-Resident	Total		Resident	Non-Resident	Unknown/Other ^b	Total
1971		2,357	1,172	3,529		Unknown	Unknown		Unknown
1972		4,827	1,016	5,843		Unknown	Unknown		Unknown
1973		6,156	1,152	7,308		449	161		610
1974		7,783	956	8,739		Unknown	118		Unknown
1975		9,729	871	10,600		Unknown	Unknown		Unknown
1976		11,780	775	12,555		444	190		634
1977		5,459	730	6,189		Unknown	Unknown		Unknown
1978		3,535	470	4,005		Unknown	Unknown		Unknown
1979		5,032	547	5,579		587	190		777
1980		1,326	685	2,011		365	316		681
1981		1,233	790	2,023		180	172		352
1982		1,314	1,282	2,596		330	325		655
1983		1,438	1,420	2,858		352	449		801
1984 ^c		1,649	1,935	3,584		125	455	293	873
1985		1,519	2,124	3,643		133	498	87	718
1986		2,069	2,817	4,886		173	598	38	809
1987		2,130	3,235	5,365		154	770	52	976
1988		2,077	3,342	5,419		200	793	69	1,062
1989		1,119	2,599	3,718		182	798	71	1,051
1990		984	2,413	3,397		212	842	34	1,088
1991		887	1,827	2,714		168	612	36	816
1992		854	1,850	2,704		212	795	46	1,053
1993	8,407	1,022	1,980	3,002		288	865	51	1,207
1994	8,522	1,193	2,321	3,514		331	980	49	1,360
1995	7,544	1,131	2,659	3,790		281	1,103	108	1,491
1996	9,195	1,083	2,623	3,706		292	1,077	41	1,410
1997	12,718	1,068	2,685	3,695	2,304	254	1,046	30	1,330
1998	10,370	1,091	2,584	3,675	2,414	243	1,087	64	1,394
1999	15,059	1,263	2,589	3,852	2,357	236	1,198	86	1,520
2000	16,558	1,330	3,275	4,605	3,047	352	1,577	80	2,009
2001	17,503	1,599	3,199	4,798	2,998	264	1,517	113	1,894
2002	14,623	1,808	3,297	5,105	3,106	380	1,525	74	1,979
2003	14,503	1,868	3,512	5,380	3,015	293	1,663	87	2,043
2004	14,149	1,958	3,609	5,567	3,357	352	1,759	116	2,227
2005	14,076	1,920	3,416	5,336	3,225	297	1,681	107	2,085
2006	15,390	2,113	3,228	5,341	3,012	359	1,565	113	2,037
2007	15,403	2,300	2,899	5,199	2,707	347	1,517	148	2,012
2008	12,999	2,569	2,740	5,309	2,380	407	1,357	121	1,885
2009	15,365	2,980	2,205	5,185	2,053	459	1,210	162	1,831
2010	14,815	3,163	2,145	5,308	1,984	517	1,260	167	1,944
2011	13,666	2,956	1,972	4,928	1,915	515	1,090	130	1,735
2012	13,755	3,245	1,844	5,089	1,810	473	1,237	161	1,871
2013	12,574	3,485	1,818	5,303	1,783	518	1,048	173	1,739
2014		3,968	2,016	5,984	1,965	495	1,179	123	1,797
2015		4,032	2,115	6,147	2,105	549	1,135	108	1,792
2016	16,000	4,801	2,265	7,066	2,222	689	1,397	115	2,201
2017		4,878	2,216	7,094	2,188	676	1,252	128	2,056
2018		5,146	2,111	7,257	2,093	708	1,461	178	2,347
2019	16,000	4,779	2,422	7,201	2,422	545	1,301	88	1,934
2020		7,372	58	7,430	58	975	12	226	1,213

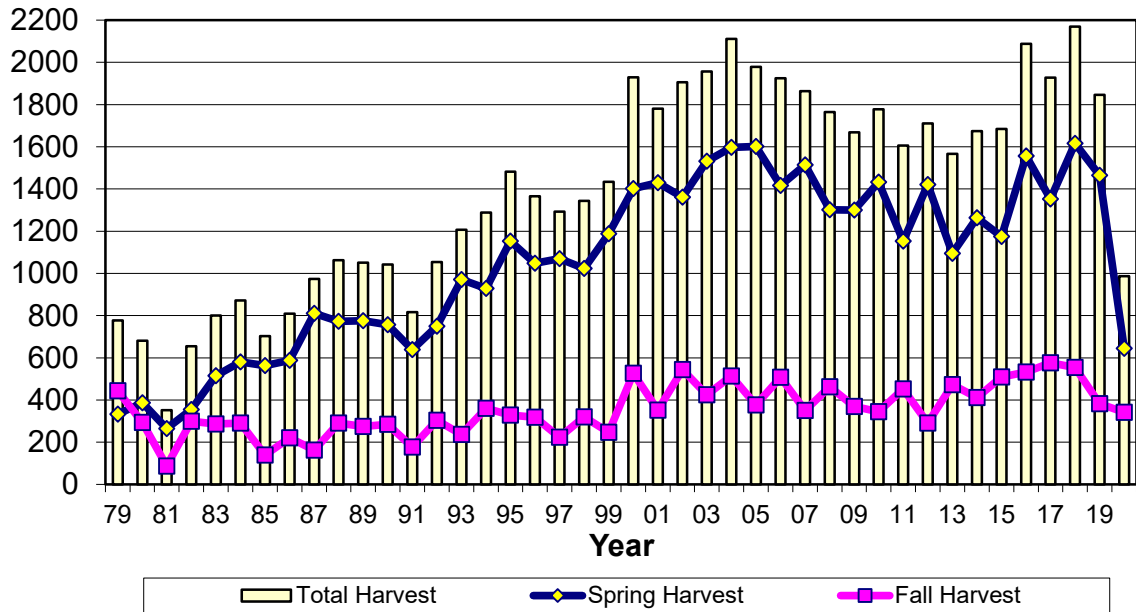
¹ - This column represents estimated pre-hunt adult bear population - calculated every 3 years.

a - This column reflects the number of non-resident hunters who actually hunted bears in New Brunswick. Some non-resident bear hunting licences are allocated to outfitters but not all of the purchased licences may actually used by clients. As well, non-residents will buy licences in advance of their trip and sometimes fail to come to New Brunswick to use them.

b - Refers to animals reported as being killed by motor vehicles, other accidental means, as nuisances or poached.

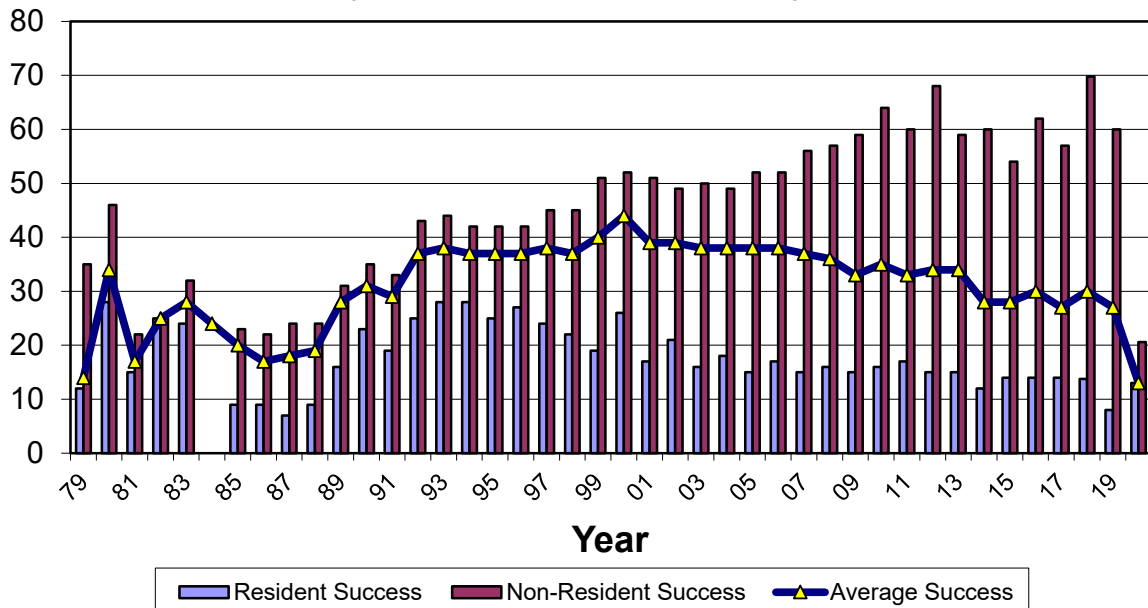
c - Mandatory registration began in fall of 1984.

SPRING AND FALL BLACK BEAR REGISTRATIONS 1979 - 2020 New Brunswick



79-84 kill estimated from hunter survey

BEAR HUNTER SUCCESS (%) 1979 - 2020 New Brunswick (Residents and Non-Residents)

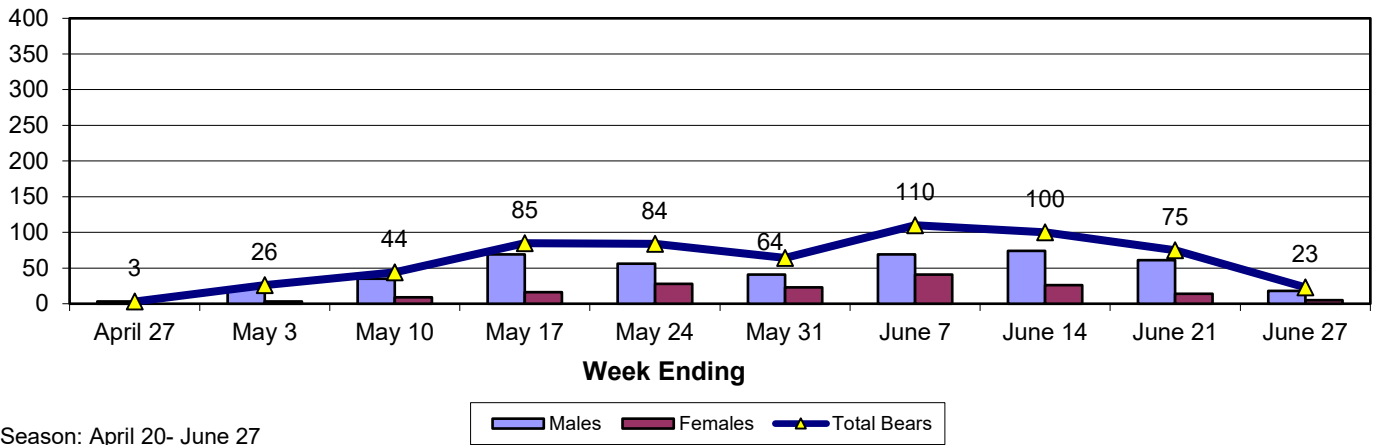


79-84 kill estimated from hunter survey
unknown res./non-res. kill for 1984

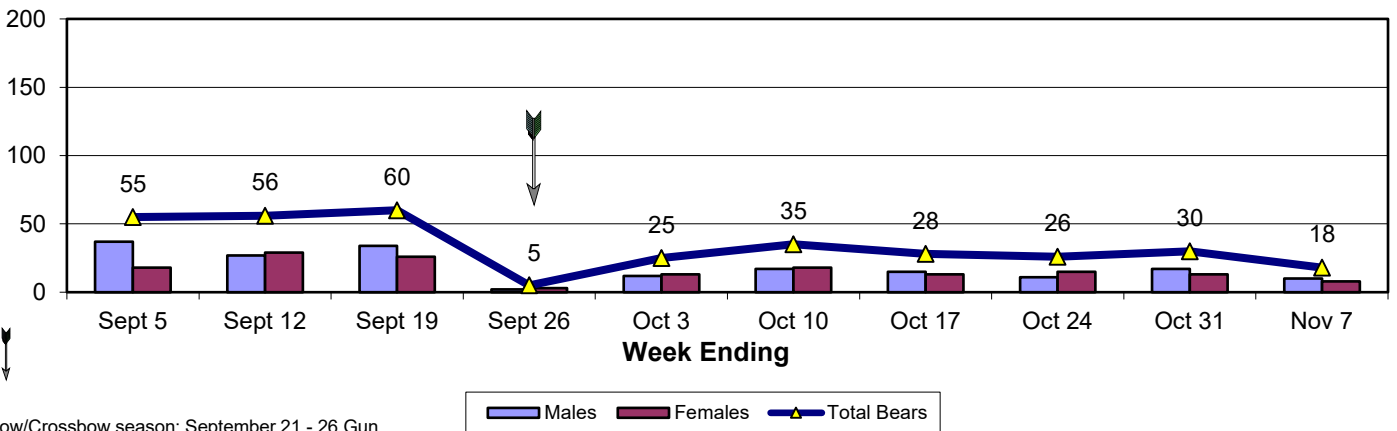
Registered Black Bear Kill By Wildlife Management Zone Hunting Mortality 2020 New Brunswick

WMZ	Area (km ²)	#Males	#Females	Unknown Sex	Kill per km ²	Total Harvest
1	813	6	0	0	0.007	6
2	2666	16	1	0	0.006	17
3	2865	12	6	0	0.006	18
4	3613	22	10	0	0.009	32
5	3206	18	10	0	0.009	28
6	2580	8	1	0	0.003	9
7	6265	18	11	0	0.005	29
8	4116	32	20	0	0.013	52
9	1109	8	5	0	0.012	13
10	2800	43	17	0	0.021	60
11	2536	4	4	1	0.004	9
12	3421	8	7	0	0.004	15
13	2639	8	9	0	0.006	17
14	2357	13	11	0	0.010	24
15	2681	18	15	0	0.012	33
16	4274	60	22	1	0.019	83
17	3056	33	5	0	0.012	38
18	2341	34	16	0	0.021	50
19	2212	31	12	0	0.019	43
20	5255	65	50	2	0.022	117
21	2561	62	33	0	0.037	95
22	2934	40	22	0	0.021	62
23	2538	16	11	0	0.011	27
24	2002	32	13	0	0.022	45
25	2062	28	9	0	0.018	37
26	39	NO OPEN SEASON				
27	155					
Unknown	--	0	2	26	--	4
Province	72,902	635	322	30	0.014	987

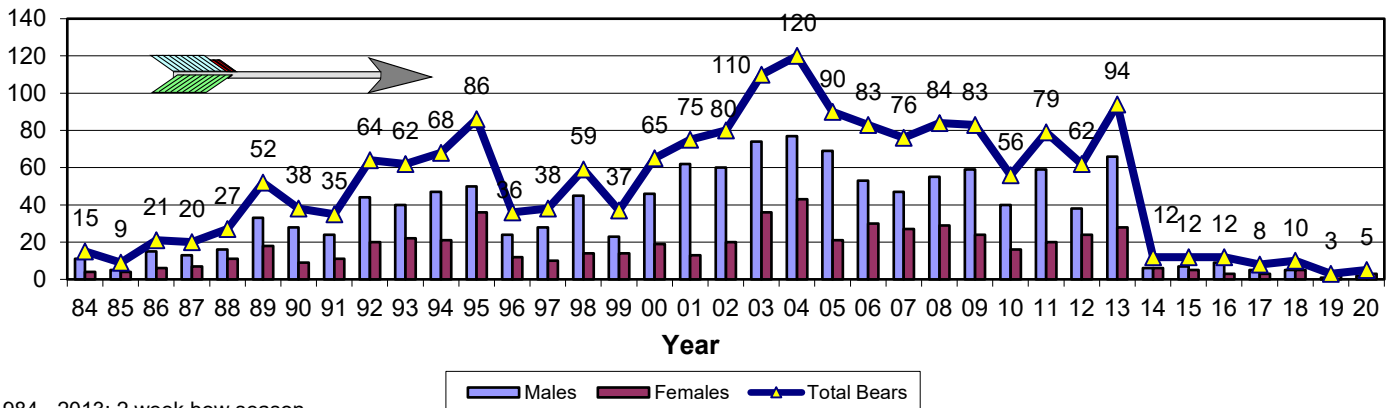
SPRING BLACK BEAR HARVEST BY WEEK OF KILL 2020 NEW BRUNSWICK



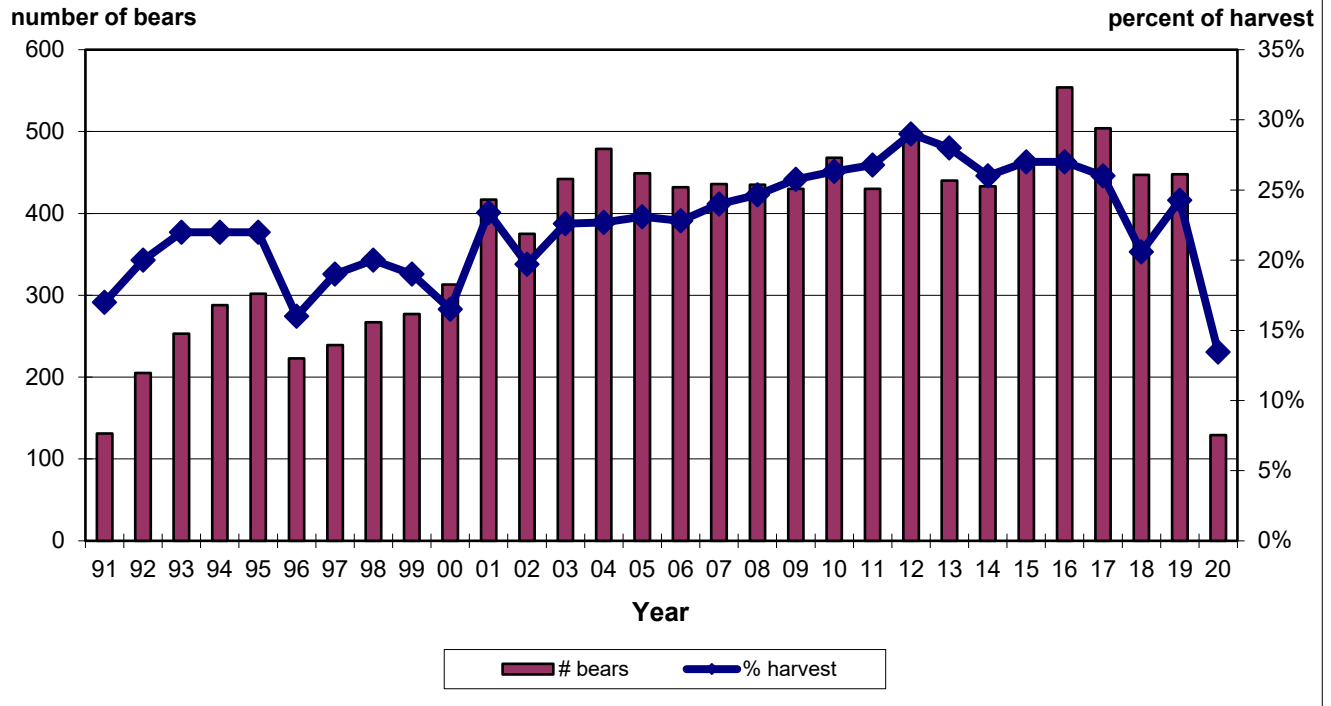
FALL BLACK BEAR HARVEST BY WEEK OF KILL 2020 NEW BRUNSWICK



BLACK BEAR SEPTEMBER BOW SEASON HARVEST 1984-2020 NEW BRUNSWICK



Percent of Bears Harvested With Bow and Number of Bears Harvested With Bow New Brunswick 1991 - 2020



BIG GAME BAG LIMITS, SEASON DATES, LICENCE FEES AND LICENCE REVENUES New Brunswick - 2020

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

Archery Season:

WMZ 1-3: 5 October - 8 November
WMZ 6-8; 10-27 5 October - 22 November

Rifle Season:

WMZ 1-3: 26 October - 8 November
WMZ 6-8: 10-27 26 October - 22 November

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

Licence Revenue: \$ 1,333,974

Application Fee: \$ 4 (Antlerless Deer Draw)
Application Revenue: \$ 42,248

TOTAL REVENUE - DEER \$ 1,376,222

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

Season: 22 - 26 September

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

Licence Revenue: \$ 584,493

Application Fee: \$ 6.30 Resident
\$ 26.25 Non-Resident
Application Revenue: \$ 428,653

TOTAL REVENUE - MOOSE: \$ 1,013,146

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: 20 April - 27 June
Fall Archery Season: 21 - 26 September
Fall Rifle Season: 1 - 19 September; 1 October - 7 November

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

Licence Revenue: \$ 253,128

Application Fee: \$ 26.25 Non-Resident

Application Revenue: \$ 6,772

TOTAL REVENUE - BEAR: \$ 259,900

GRAND TOTAL (REVENUE) BIG GAME: \$ 2,649,268