



# BIG GAME HARVEST REPORTS 2021



FISH AND WILDLIFE BRANCH  
Natural Resources and Energy Development

# MOOSE HARVEST REPORT – 2021

## **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 2021 was 4,817 licences, a slight increase from 2020 (4,794 licences).

A total of 56,423 NB residents, 1,954 non-residents, and 75 outfitters and guides submitted applications to the moose licence draw in 2021; 4,817 resident, 25 non-resident, and 75 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 2021 was 3,017 moose. Resident hunters harvested 2,960 moose, while non-residents took 57 moose. The overall hunter success rate was 62%. The new online big game harvest registration service had 274 moose registered this season (9% 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 2021, this resulted in a season of September 21-25<sup>th</sup>.

## **2022 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 2022 is 5,107.

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 - 2021 NEW BRUNSWICK**

Year	Estimated Population <sup>a</sup>	# 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 <sup>b</sup>		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 <sup>c</sup>	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. <sup>d</sup>		57,514	4,244	3,848	1,678	44
non-res. <sup>e</sup>		671	100	100	37	37
<b>1996 total</b>	<b>19,400</b>	<b>58,185</b>	<b>4,344</b>	<b>3,948</b>	<b>1,715</b>	<b>43</b>
1997 res.		59,428	4,754	4,301	2,075	48
non-res.		680	100	101	46	46
<b>1997 total</b>	<b>19,900</b>	<b>60,108</b>	<b>4,854</b>	<b>4,402</b>	<b>2,121</b>	<b>48</b>
1998 res.		55,590	4,804	4,573	2,377	52
non-res.		1,105	100	96	50	52
<b>1998 total</b>	<b>20,400</b>	<b>56,695</b>	<b>4,904</b>	<b>4,669</b>	<b>2,427</b>	<b>52</b>
1999 res.		57,271	4,683	4,519	1,974	44
non-res.		1,108	100	98	48	49
<b>1999 total</b>	<b>20,800</b>	<b>58,379</b>	<b>4,783</b>	<b>4,617</b>	<b>2,022</b>	<b>44</b>
2000 res.		48,469	4,283	4,174	2,485	60
non-res.		986	100	97	52	54
<b>2000 total</b>	<b>21,300</b>	<b>49,455</b>	<b>4,383</b>	<b>4,271</b>	<b>2,537</b>	<b>59</b>
2001 res.		50,504	4,518	4,415	2,518	57
non-res.		1,322	100	96	55	57
<b>2001 total</b>	<b>21,700</b>	<b>51,826</b>	<b>4,618</b>	<b>4,511</b>	<b>2,573</b>	<b>57</b>
<b>2002 res.</b>		<b>53,916</b>	<b>4,293</b>	<b>4,191</b>	<b>2,020</b>	<b>48</b>
non-res.		<b>1,586</b>	<b>100</b>	<b>95</b>	<b>51</b>	<b>54</b>
<b>2002 total</b>	<b>22,200</b>	<b>55,502</b>	<b>4,393</b>	<b>4,286</b>	<b>2,071</b>	<b>48</b>
2003 res.		47,029	2,779	2,714	1,518	56
non-res.		1,559	100	94	50	53
<b>2003 total</b>	<b>22,000</b>	<b>48,588</b>	<b>2,879</b>	<b>2,808</b>	<b>1,568</b>	<b>56</b>

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 party.

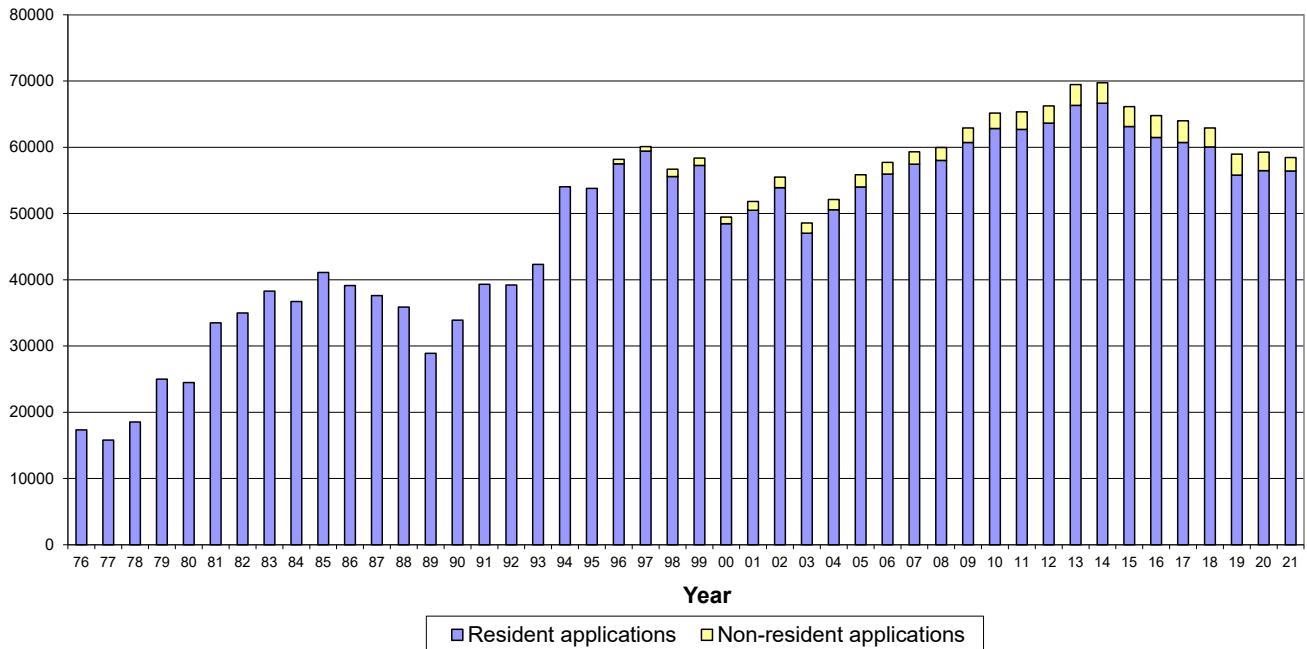
e Introduction of non-resident moose hunter draw for 100 licences.

Year	Estimated Population <sup>a</sup>	# Applications	# Drawn	Licences Issued	Registered Kill	% Hunter Success
2004 res.		50,585	2,769	2,694	1,727	64
non-res.		1,539	100	96	67	70
<b>2004 total</b>	<b>23,800</b>	<b>52,124</b>	<b>2,869</b>	<b>2,790</b>	<b>1,794</b>	<b>64</b>
2005 res.		54,026	3,266	3,207	2,026	63
non-res.		1,824	100	97	58	60
<b>2005 total</b>	<b>22,600</b>	<b>55,850</b>	<b>3,366</b>	<b>3,304</b>	<b>2,084</b>	<b>63</b>
2006 res.		55,972	3,002	2,913	2,290	79
non-res.		1,744	100	98	72	73
<b>2006 total</b>	<b>23,800</b>	<b>57,716</b>	<b>3,102</b>	<b>3,011</b>	<b>2,362</b>	<b>78</b>
2007 res.		57,442	3,110	3,061	2,052	67
non-res.		1,875	100	99	68	69
<b>2007 total</b>	<b>25,000</b>	<b>59,317</b>	<b>3,210</b>	<b>3,160</b>	<b>2,120</b>	<b>67</b>
2008 res.		58,023	3,340	3,286	2,161	66
non-res.		1,948	100	96	70	73
<b>2008 total</b>	<b>25,700</b>	<b>59,971</b>	<b>3,440</b>	<b>3,382</b>	<b>2,231</b>	<b>66</b>
2009 res.		60,716	3,402	3,347	2,341	70
non-res.		2,209	100	98	68	69
<b>2009 total</b>	<b>26,200</b>	<b>62,925</b>	<b>3,502</b>	<b>3,445</b>	<b>2,409</b>	<b>70</b>
2010 res.		62,844	3,545	3,483	2,393	69
non-res.		2,319	100	100	81	81
<b>2010 total</b>	<b>25,900</b>	<b>65,163</b>	<b>3,645</b>	<b>3,583</b>	<b>2,474</b>	<b>69</b>
2011 res.		62,696	4,364	4,271	2,419	57
non-res.		2,648	100	97	59	61
<b>2011 total</b>	<b>28,600</b>	<b>65,344</b>	<b>4,464</b>	<b>4,368</b>	<b>2,478</b>	<b>57</b>
2012 res.		63,649	4,624	4,524	3,466	77
non-res.		2,608	100	100	81	81
<b>2012 total</b>	<b>28,600</b>	<b>66,257</b>	<b>4,724</b>	<b>4,624</b>	<b>3,547</b>	<b>77</b>
2013 res.		66,319	4,612	4,531	3,266	72
non-res.		3,140	100	98	80	82
<b>2013 total</b>	<b>29,400</b>	<b>69,459</b>	<b>4,712</b>	<b>4,629</b>	<b>3,346</b>	<b>72</b>
2014 <sup>f</sup> res.		66,658	4,612	4,529	3,605	80
non-res.		3,002	50	47	39	83
outfitter non-res. <sup>g</sup>		81	50	50	39	78
<b>2014 total</b>	<b>29,800</b>	<b>69,741</b>	<b>4,712</b>	<b>4,626</b>	<b>3,683</b>	<b>80</b>
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
<b>2015 total</b>	<b>31,800</b>	<b>66,151</b>	<b>4,692</b>	<b>4,598</b>	<b>3,729</b>	<b>81</b>
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
<b>2016 total</b>	<b>31,200</b>	<b>64,782</b>	<b>4,743</b>	<b>4,640</b>	<b>3,435</b>	<b>74</b>
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
<b>2017 total</b>	<b>30,800</b>	<b>63,996</b>	<b>4,735</b>	<b>4,663</b>	<b>3,817</b>	<b>82</b>
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
<b>2018 total</b>	<b>30,500</b>	<b>62,913</b>	<b>4,565</b>	<b>4,452</b>	<b>3,530</b>	<b>79</b>
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
<b>2019 total</b>	<b>30,900</b>	<b>58,962</b>	<b>4,844</b>	<b>4,762</b>	<b>3,689</b>	<b>77</b>
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
<b>2020 total</b>	<b>31,600</b>	<b>59,268</b>	<b>4,894</b>	<b>4,840</b>	<b>3,905</b>	<b>81</b>
2021 res.		56,423	4,817	4,731	2,960	63
non-res.		1,954	25	24	16	67
outfitter non-res.		75	75	75	41	55
<b>2021 total</b>	<b>31,700</b>	<b>58,452</b>	<b>4,917</b>	<b>4,830</b>	<b>3,017</b>	<b>62</b>

f 5 day season begins.

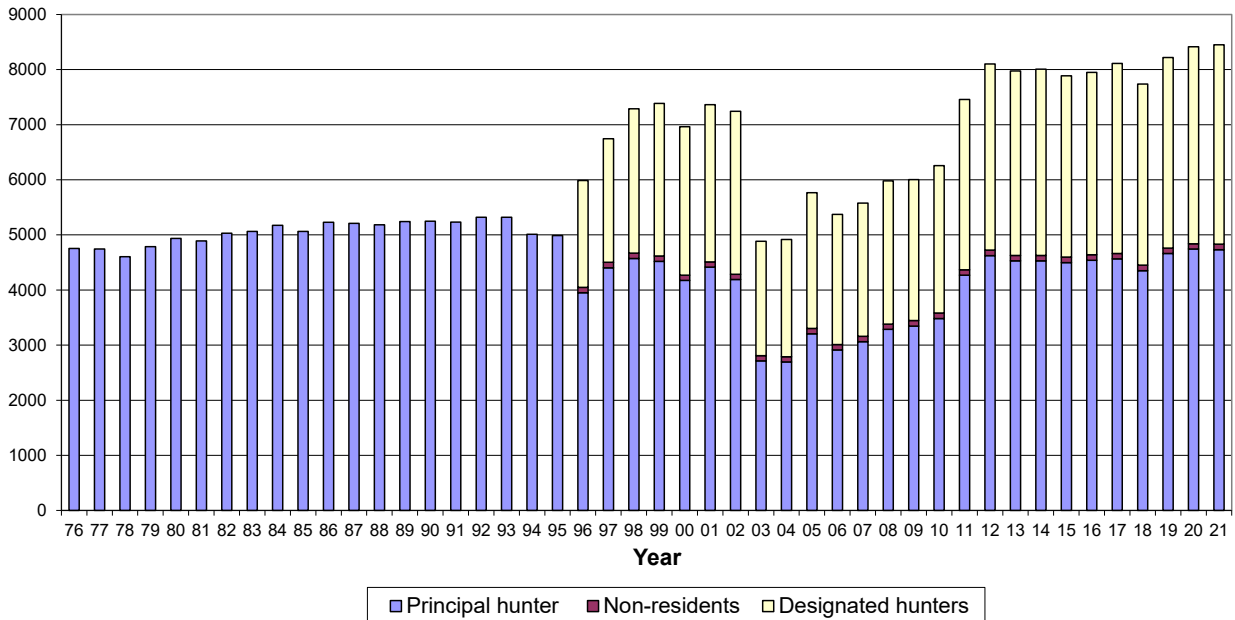
g Introduction of outfitter and guide non-resident draw for 50 licences. Non-resident moose hunter draw reduced from 100 to 50 licences.

## MOOSE HUNTING APPLICATIONS 1976 - 2021 New Brunswick



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

## MOOSE HUNTING LICENCES SOLD 1976 - 2021 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 2021

WMZ	Licence Quota 2021	# Applicants	Applicants Drawn	Resident Principal Hunter Licences <sup>1</sup> Purchased	Designated Hunter Licences <sup>2</sup> Purchased	2021 Reg'd Kill <sup>3</sup>	% Successful in Harvesting a Moose	Licence Quota 2022
1	129	996	129	126	93	79	63	140
2	443	2,391	443	433	297	310	72	440
3	355	3,633	355	352	261	298	85	365
4	378	3,413	378	371	276	266	72	409
5	270	3,195	270	265	175	203	77	286
6	339	2,253	339	332	214	236	71	358
7	435	6,587	435	432	322	320	74	433
8	251	3,246	251	248	185	155	63	277
9	58	1,051	58	57	36	36	63	64
10	71	1,268	71	71	55	52	73	66
11	225	2,058	225	218	163	156	72	233
12	302	3,164	302	300	231	147	49	351
13	180	1,941	180	176	159	71	40	187
14	119	1,745	119	118	103	60	51	126
15	143	1,676	143	143	105	75	52	157
16	176	2,827	176	174	146	116	67	186
17	173	1,536	173	170	136	59	35	188
18	163	2,109	163	162	153	59	36	183
19	86	1,167	86	86	74	40	47	97
20	135	3,800	135	132	114	69	52	153
21	89	1,181	89	88	62	33	38	105
22	76	617	76	73	64	15	21	80
23	109	2,044	109	108	99	49	45	107
24	35	856	35	33	31	18	55	36
25	77	1,669	77	76	67	38	50	80
<b>Province</b>	<b>4,817</b>	<b>56,423</b>	<b>4,817</b>	<b>4,744</b>	<b>3,621</b>	<b>2,960</b>	<b>62</b>	<b>5,107</b>

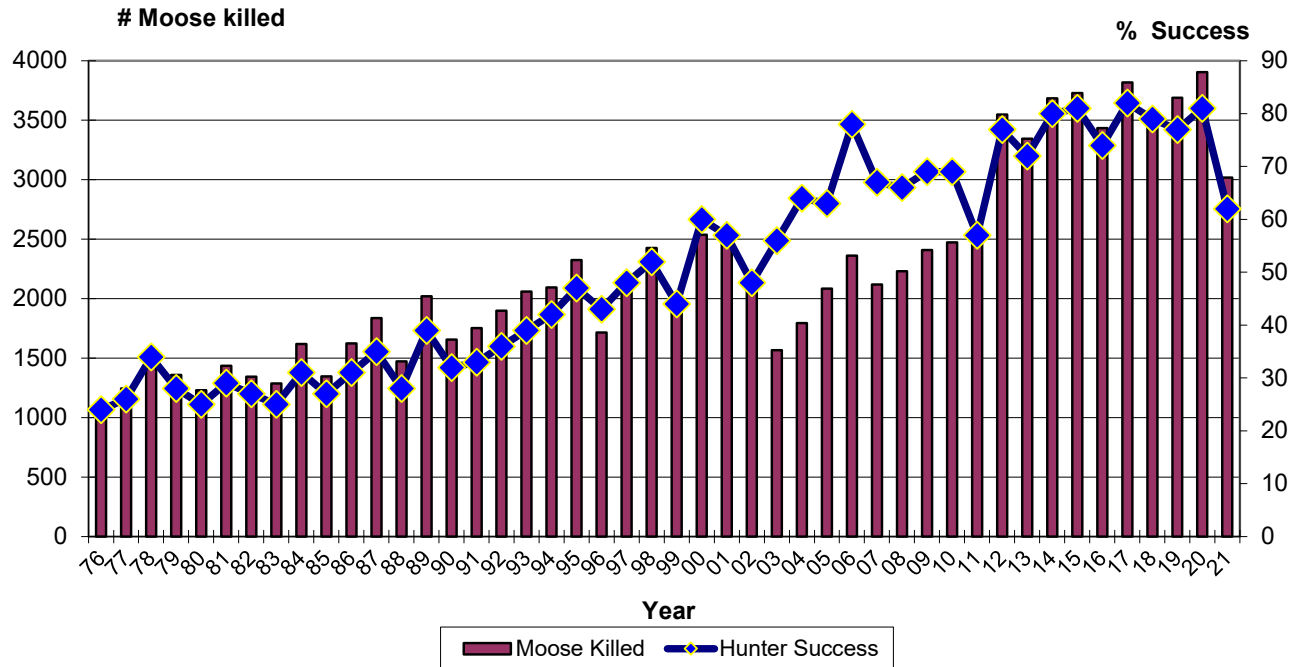
<sup>1</sup> Licences purchased are those of the resident principal hunters who were successful in the draw.

<sup>2</sup> Designated hunter licences allow principal hunters to be accompanied by one other resident hunter who can assist in filling their tag. 76% of residents who were successful in the draw and purchased a moose hunting licence chose to hunt with a designated hunter.

<sup>3</sup> Resident kill only.

# MOOSE HARVESTED & HUNTER SUCCESS RATES (%)

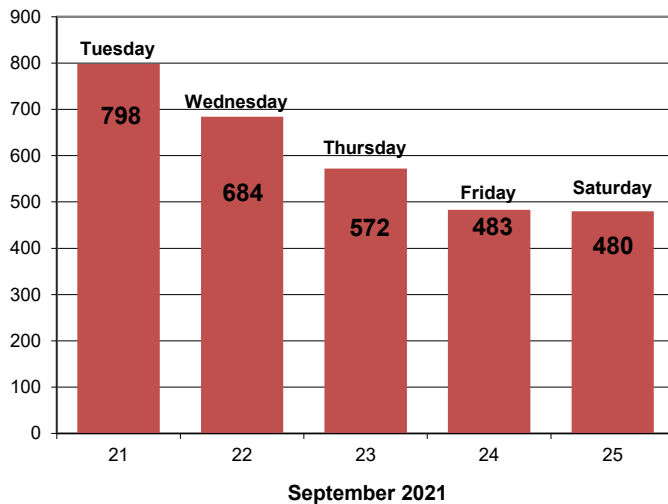
1976-2021 New Brunswick



-1994: Implementation of quotas by zone

## MOOSE KILL BY DAY

2021 New Brunswick



## AVERAGE WEIGHTS OF NEW BRUNSWICK MOOSE\*

(pounds\*\* field dressed)

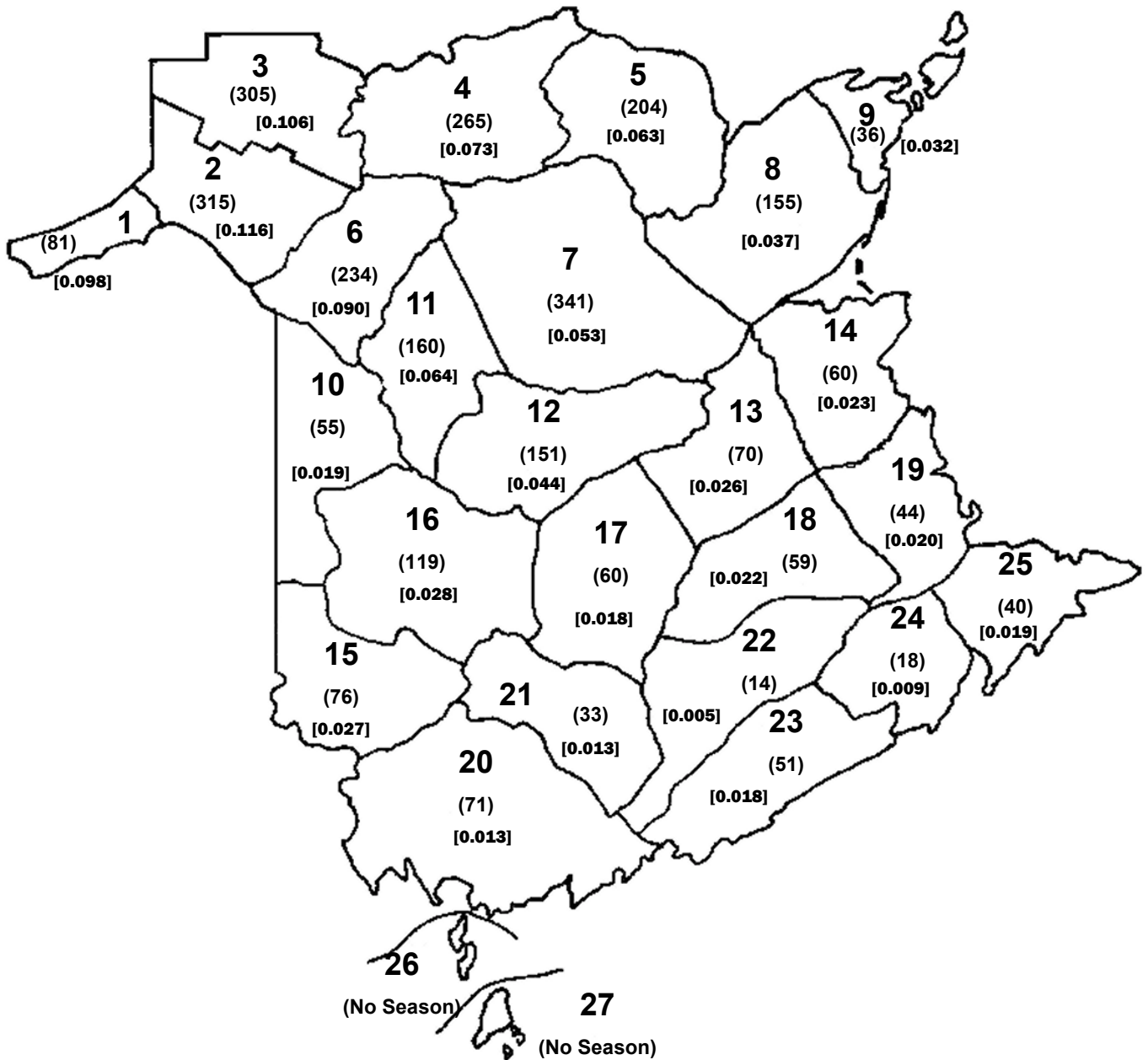
Age	Male	Female
0.5	234	225
1.5	466	415
2.5	612	515
3.5	701	553
4.5	752	532
5.5	791	569
6.5	788	574
7.5	748	535
8.5	866	573
9.5+	785	584

\* 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 2021

TOTAL HARVEST (#) and HARVEST PER KM<sup>2</sup> [ ]



A total of 3,017 moose registered in 2021.  
Harvest per km<sup>2</sup> for all open zones = 0.040

# SEX AND AGE OF MOOSE HARVESTED

1960 - 2021 New Brunswick

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

Year	Adult & Yearling		Calf		Unknown	Total
	Bull	Cow	Male	Female		
1960 <sup>a</sup>	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 <sup>b</sup>	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 <sup>c</sup>	1,298	629	72	83	12	2,094
1995	1,387	755	78	84	22	2,326
1996 <sup>d</sup>	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

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  
2021 New Brunswick**

WMZ	MALE				FEMALE				Sex Unknown	Total
	Adult	Yearling	Calf	Age Unknown	Adult	Yearling	Calf	Age Unknown		
1	21	16	6	5	16	9	3	3	0	79
2	109	51	3	23	63	33	8	21	1	312
3	132	47	3	15	61	19	6	23	0	306
4	124	54	5	12	37	27	2	6	0	267
5	104	28	1	10	32	11	8	10	0	204
6	106	57	1	14	26	25	5	3	0	237
7	221	28	6	12	54	12	0	7	0	340
8	92	29	2	6	19	6	1	1	0	156
9	26	3	0	0	3	2	1	1	0	36
10	33	6	2	2	8	4	0	0	0	55
11	90	27	1	6	21	13	0	2	0	160
12	94	17	1	4	17	15	3	1	0	152
13	51	7	0	1	9	4	0	1	0	73
14	39	11	0	0	9	1	0	0	0	60
15	38	8	2	2	15	5	5	0	0	75
16	63	20	1	5	15	9	5	2	0	120
17	41	13	0	1	3	2	0	0	0	60
18	36	6	0	1	7	5	2	2	0	59
19	23	3	0	5	4	5	0	0	0	40
20	45	9	1	4	8	4	0	0	0	71
21	18	6	1	1	5	2	0	0	0	33
22	11	2	0	0	0	2	0	0	0	15
23	27	5	1	1	13	2	1	0	0	50
24	9	0	0	0	7	1	1	0	0	18
25	23	4	3	3	5	1	0	0	0	39
unknown	0	0	0	0	0	0	0	0	0	0
Province	1576	457	40	133	457	219	51	83	1	3017

# MOOSE SIGHTINGS PER HOUR HUNTED FOR WILDLIFE MANAGEMENT ZONES 1990 - 2021 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	
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	
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	
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	
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	
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	
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	0.09	
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	
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	
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	0.10	0.10	0.17	0.12	0.08	0.12	0.08	0.13	0.02		
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	
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	
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	
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	
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	
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	
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	
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	
18	closed	closed	closed	closed	0.05	0.05	0.03	0.03	0.03	0.03	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	
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	
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	
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	
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	
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	
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	
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	
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
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
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	

## DEER HARVEST REPORT - 2021

The 2021 deer hunting season saw another small (3%) increase in harvest, with 8,045 deer registered. This is the highest harvest in 8 years, and the second highest in 14 years. The 2021 winter was considerably milder than the past several winters with improved survival notably among the yearling deer. This increased winter survival resulted in more yearlings being available for the hunt. The yearling buck percentage of total harvest increased from 37% in 2020 to 48% in 2021.

A total of 43,935 residents and 198 non-residents purchased deer hunting licences, a 2% decrease from the year before. Resident hunters had a harvest success rate of 18%, while non-resident hunters had success rates of 16%. Hunters with Antlerless Deer Permits had better success rates of 38% because of their ability to harvest a deer of either sex. The overall hunter success rate was 18%. The new on-line big game harvest registration service had 1239 deer registered this season (15% of total harvest).

In 2021 there were 6,050 Antlerless Deer Permits made available; 1650 more than in 2020. A total of 10,656 resident hunters applied for the computerized tag draw, of which 5,956 were successful. Hunters with antlerless deer tags harvested 2,295 deer, a 39% success rate. Of the successful antlerless permit holders, 50% harvested antlerless deer.

More deer were harvested during the last week than in the other weeks of the season; (Wk 1 = 26%, Wk 2 = 23%, Wk 3 = 23%, Wk 4 = 28%). There were 1005 deer (13% of the harvest) taken on the four Sundays that were open for hunting during the season.

The harvest was comprised of 80% bucks, 17% adult females, and 3% fawns. It should be noted that Covid-19 lock-down restrictions during the 2021 deer hunting season limited the hunter movements between WMZs in an effort to control the spread of the disease, so deer were likely harvested within hunters zone-of-residence.

### **2022 Synopsis**

This past winter was average for most of New Brunswick but more severe in the north. The NB deer population is strongly influenced by winter survival rates, and the modelled pre-hunt deer population is predicted to be 3% higher in 2022.

The 2022 deer hunting season will have a 16% increase in the number of available antlerless deer hunting permits (ADPs), from 6050 to 7000 permits province-wide (+950 permits). Deer herds in WMZ 19, 20, 22, 23, and 25 appear to be very healthy and more ADPs were issued to offer increased hunting opportunities. Deer numbers in WMZ's 16, 21, 24, 26 and 27 seem stable and issued ADPs remain unchanged.

Deer populations in the remaining zones are below desired levels and are not open for antlerless deer hunting. Zones 4, 5 and 9 will remain closed to all deer hunting.

# DEER LICENCE SALES AND HARVESTS

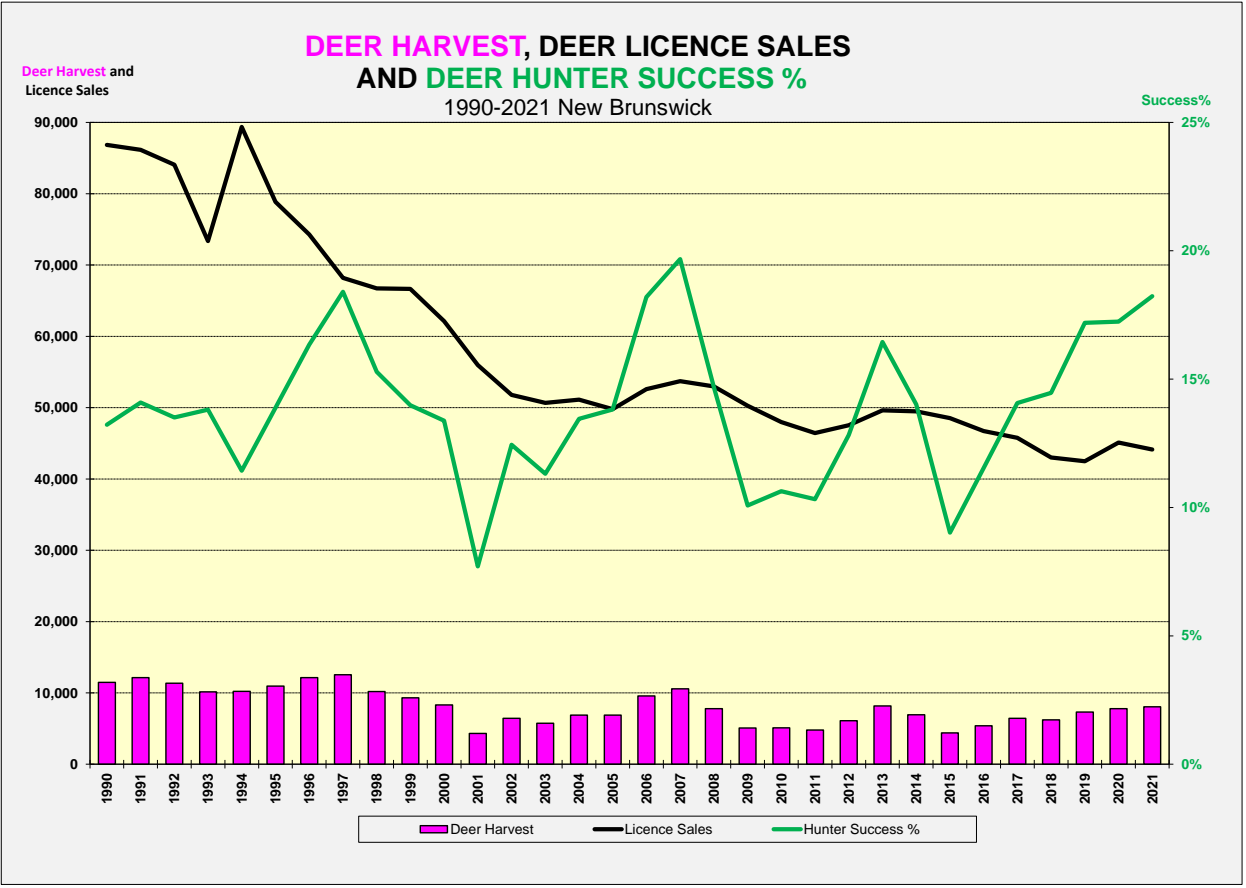
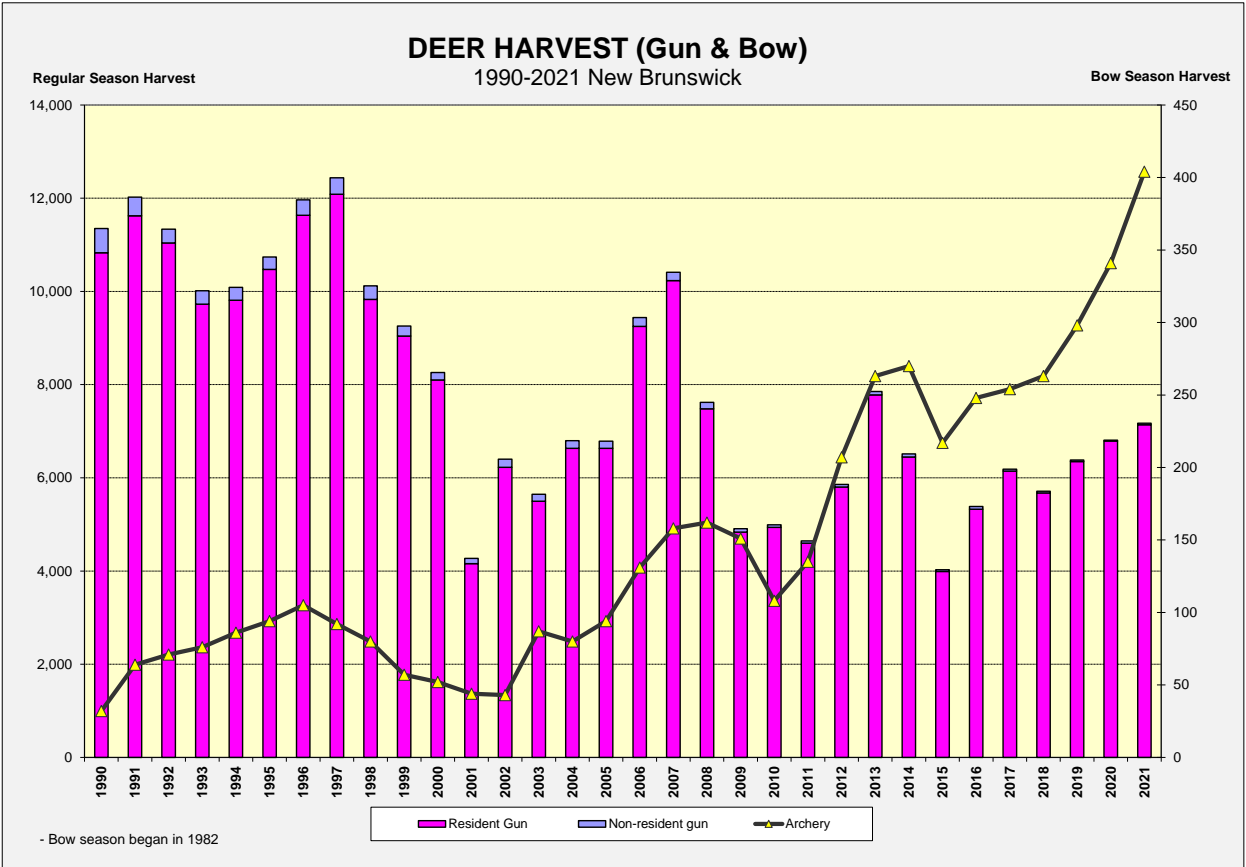
New Brunswick 1970 - 2021

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 <sup>a</sup>	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 <sup>b</sup>	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%	89,430
2021	43,935	198	n/a	44,133	7,198	32	212	319	280	4	8,045	18%	93,763

<sup>a</sup> Mandatory registration begins; limit reduced from 2 to 1 deer

<sup>b</sup> 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.



# REGISTERED DEER KILL BY WILDLIFE MANAGEMENT ZONE

## 2021 NEW BRUNSWICK

WMZ	ADULT MALES	ADULT FEMALES	FAWN MALES	FAWN FEMALES	TOTAL HARVEST	2020 HARVEST	10 Year Average	% Diff 2021 to 2020	% Diff 2021 to 10 Yr Ave
1	44		1		45	29	35	55%	28%
2	134	1			135	137	148	-1%	-8%
3	33				33	44	32	-25%	2%
4		<b>Closed Season</b>			0		0		
5		<b>Closed Season</b>			0		0		
6	179				179	96	295	86%	-39%
7	100	1			101	75	125	35%	-19%
8	56				56	42	59	33%	-6%
9		<b>Closed Season</b>			0		0		
10	291				291	227	389	28%	-25%
11	71		1		72	53	183	36%	-61%
12	93		3		96	85	116	13%	-17%
13	32				32	26	37	23%	-14%
14	64	1	1		66	61	48	8%	39%
15	102				102	105	109	-3%	-7%
16	483	67	7	12	569	477	547	19%	4%
17	220	1	1		222	219	195	1%	14%
18	171	2	1		174	179	147	-3%	18%
19	325	36	3	5	369	296	186	25%	98%
20	828	305	22	14	1,169	1,237	703	-5%	66%
21	265	22	3	2	292	300	210	-3%	39%
22	1,170	371	28	27	1,596	1,572	1,119	2%	43%
23	886	372	41	36	1,335	1,455	948	-8%	41%
24	267	49		1	317	275	193	15%	65%
25	425	40	2	4	471	377	211	25%	124%
26	57	35	1	1	94	100	74	-6%	26%
27	147	70	2	10	229	309	243	-26%	-6%
UNKNOWN					0				
<b>TOTAL</b>	<b>6,443</b>	<b>1,373</b>	<b>117</b>	<b>112</b>	<b>8,045</b>	<b>7,776</b>	<b>6,351</b>	<b>3%</b>	<b>27%</b>

## NEW BRUNSWICK DEER HARVEST BY AGE AND SEX

YEAR	Licence Sales	ADULT MALE	YLG MALE	ADULT FEMALE	MALE FAWN	FEMALE FAWN	TOTAL	WINTER SURVIVAL%
1970	58845	2977		2090	1267		6335	
1971	61231	2058		1445	876		4379	
1972	57206	2328		1635	991		4955	
1973	72075	2141		1330	796		4273	
1974	68608	2860		2206	1424		6536	
1975	67385	2641		1828	1002		5554	
1976	79912	3436		2373	1566		7384	
1977	89750	3727		2825	1805		8431	
1978	97739	5379		3270	2015		10725	
1979	100078	6755		4093	2312		13179	
1980	98435	9209		5641	1744	1610	18344	
1981	107193	10603		6939	2160	1993	21772	
1982	117931	10545		7411	2430	2243	22699	
1983	115402	12727		9022	2758	2545	27165	
1984	115134	12312		8574	2706	2497	26083	
1985	115704	15039		10278	2941	2714	31205	
1986	116675	14056		9197	2500	2307	28139	
1987	115564	12324		8800	2758	2545	26572	
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

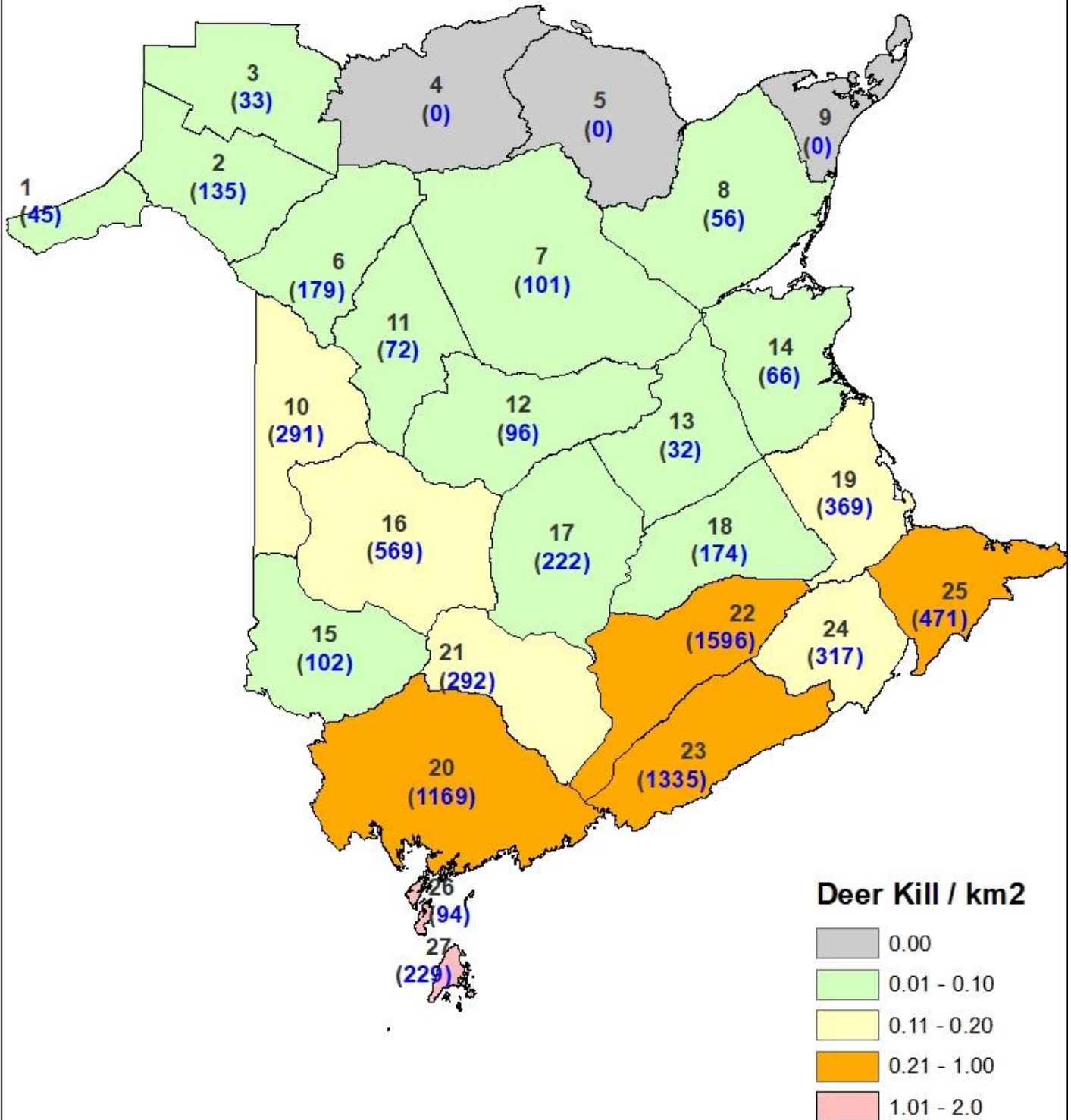
**REGISTERED DEER KILL BY WILDLIFE MANAGEMENT ZONE  
2012 - 2021 NEW BRUNSWICK**

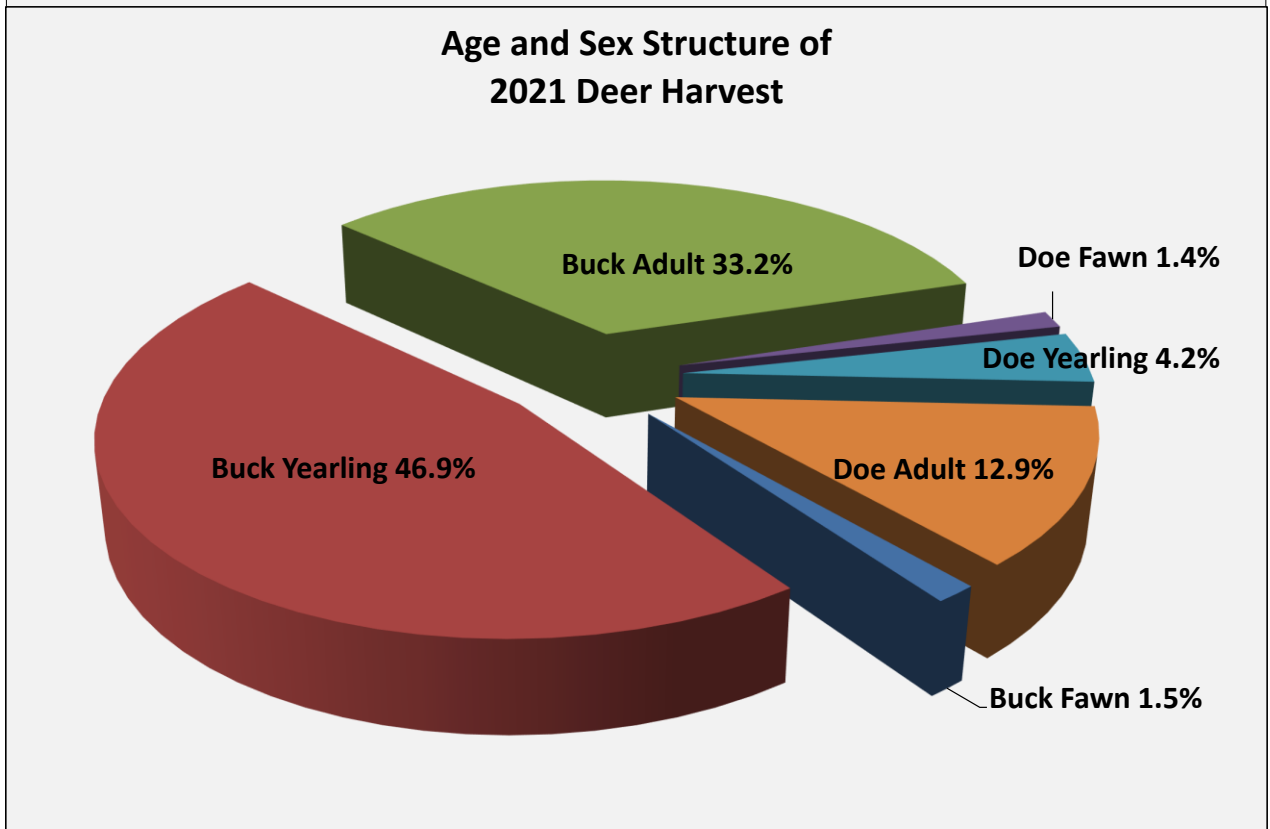
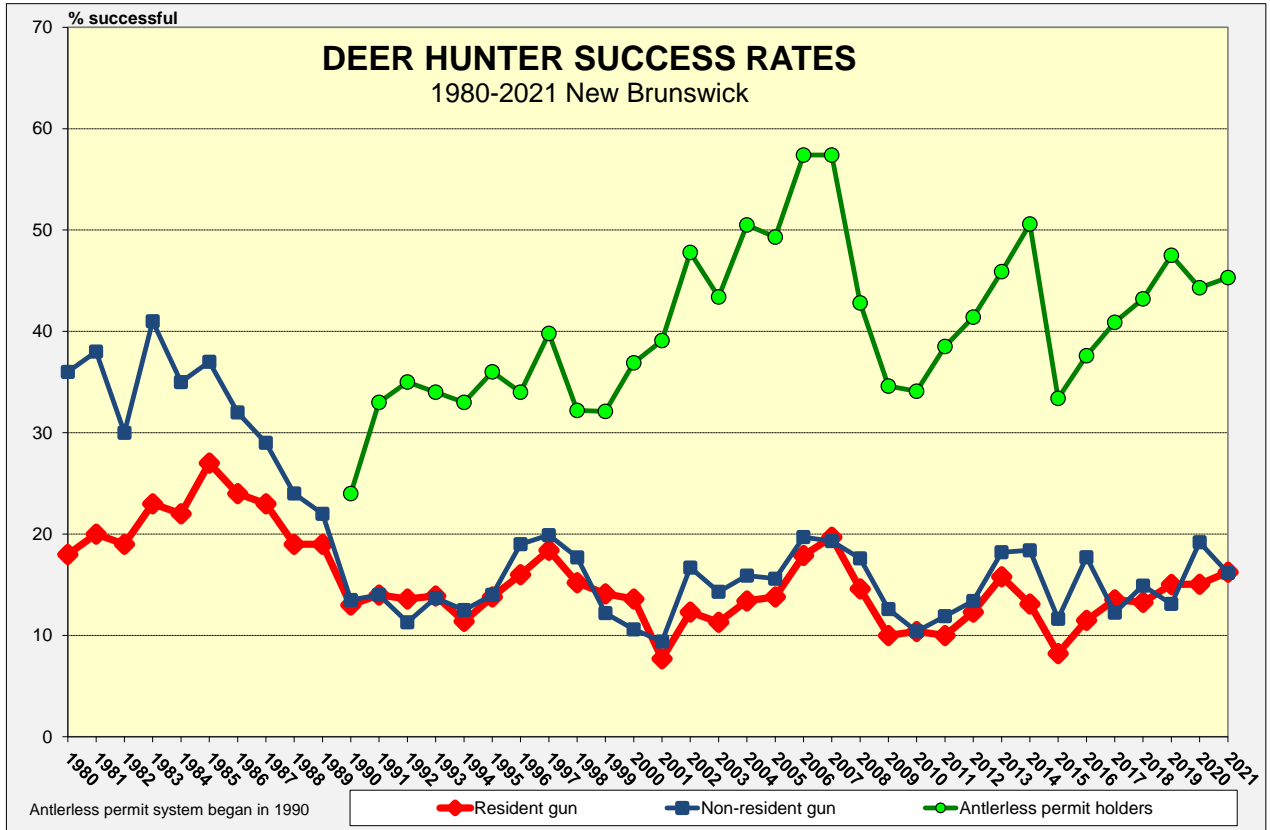
<b>WMZ</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>1</b>	39	41	69	42	30	34	18	23	29	45
<b>2</b>	153	186	197	152	157	149	129	99	137	135
<b>3</b>	0	0	0	57	40	48	25	42	44	33
<b>4</b>	0	0	0	0	0	0	0	0	0	0
<b>5</b>	0	0	0	0	0	0	0	0	0	0
<b>6</b>	347	599	469	253	271	294	178	163	96	179
<b>7</b>	176	287	209	71	92	86	65	86	75	101
<b>8</b>	59	117	90	37	57	68	48	43	42	56
<b>9</b>	0	0	0	0	0	0	0	0	0	0
<b>10</b>	435	658	586	269	348	438	326	284	227	291
<b>11</b>	225	324	338	143	158	181	133	117	53	72
<b>12</b>	155	260	149	54	86	76	75	120	85	96
<b>13</b>	39	73	34	16	36	36	24	59	26	32
<b>14</b>	51	51	56	24	56	56	36	57	61	66
<b>15</b>	110	141	110	98	141	104	104	88	105	102
<b>16</b>	557	796	550	470	564	594	432	581	477	569
<b>17</b>	203	326	204	128	159	172	149	226	219	222
<b>18</b>	160	223	137	88	112	140	110	170	179	174
<b>19</b>	156	190	166	111	144	196	220	265	296	369
<b>20</b>	393	601	662	505	584	766	857	1089	1,237	1,169
<b>21</b>	231	260	183	143	169	210	185	236	300	292
<b>22</b>	1,169	1282	1,093	625	830	1062	1,251	1422	1,572	1,596
<b>23</b>	715	870	965	683	783	1026	1,079	1231	1,455	1,335
<b>24</b>	162	231	184	97	156	206	211	262	275	317
<b>25</b>	206	252	177	80	152	180	223	298	377	471
<b>26</b>	66	72	65	51	49	78	99	104	100	94
<b>27</b>	255	286	238	168	204	241	246	238	309	229
<b>UNKNOWN</b>	31	35	4	13	8	0	0	0	0	0
<b>TOTAL</b>	<b>6,093</b>	<b>8,161</b>	<b>6,935</b>	<b>4,378</b>	<b>5,386</b>	<b>6,441</b>	<b>6,223</b>	<b>7,303</b>	<b>7,776</b>	<b>8,045</b>



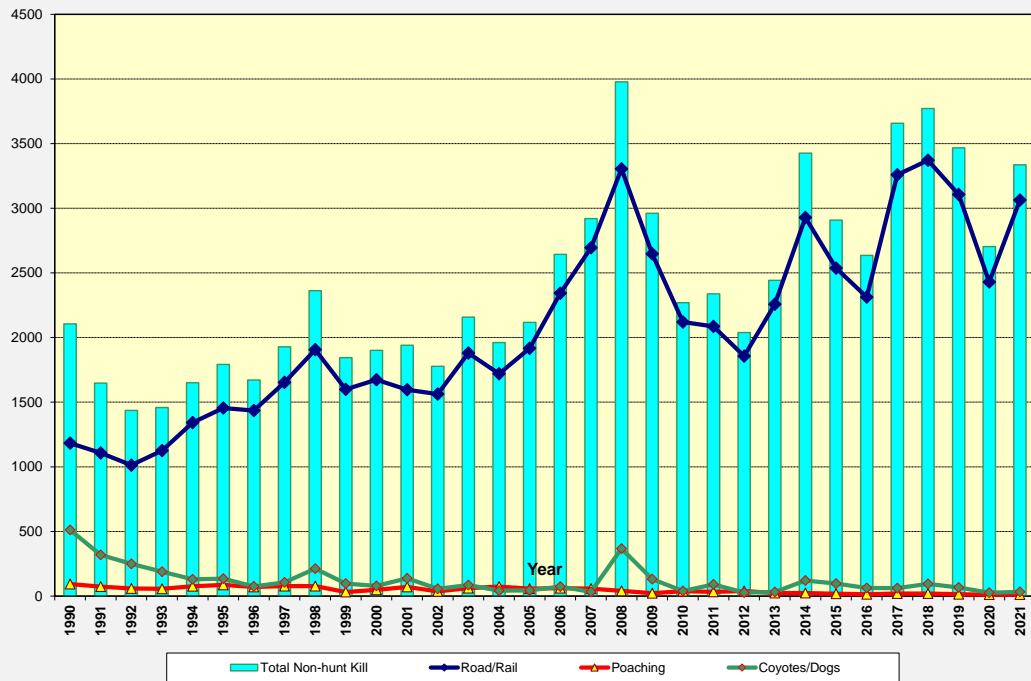
# NEW BRUNSWICK 2021 DEER HARVEST BY WILDLIFE MANAGEMENT ZONE

(2021 Deer Harvest)



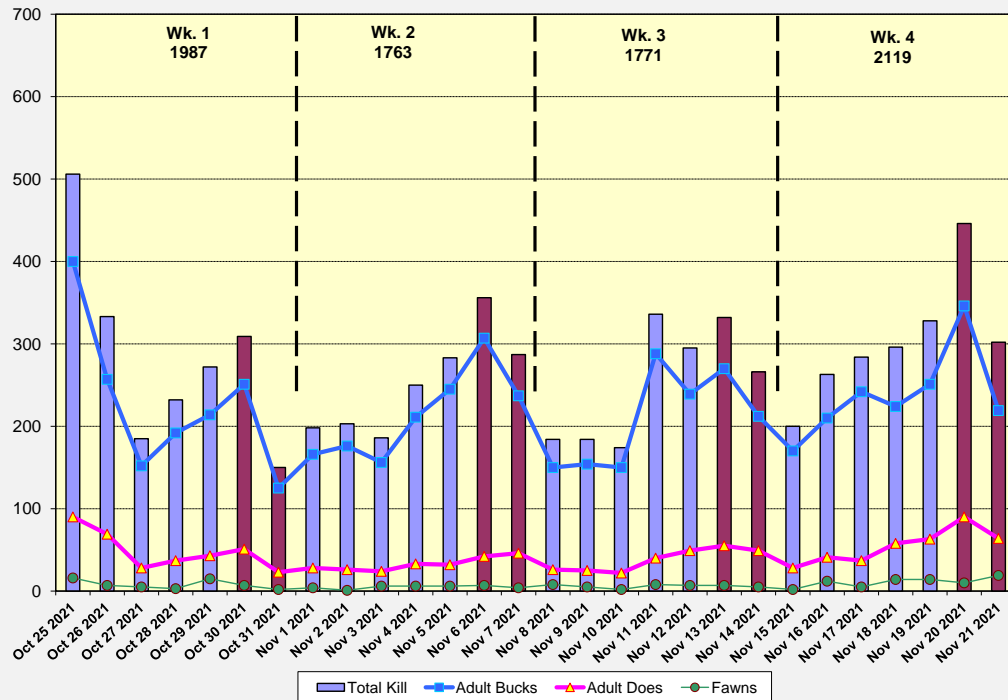


### REPORTED NON-HUNTING DEER MORTALITY 1990-2021 New Brunswick



- reported and handled by DNR staff

### DAILY DEER KILL - FIREARMS SEASON 2021 New Brunswick



- total of 7,640 deer registered in firearm season  
- Saturday & Sunday (dark columns)

## 2021 ANTLERLESS DEER PERMIT DRAW

WMZ	2021 Quota	2021 Applications	2021 Drawn	% Successful Applicant	2022 Quota
1	0	0	0	n/a	
2	0	0	0	n/a	
3	0	0	0	n/a	
4	<b>SEASON CLOSED</b>			n/a	
5	<b>SEASON CLOSED</b>			n/a	
6	0	0	0	n/a	
7	0	0	0	n/a	
8	0	0	0	n/a	
9	<b>SEASON CLOSED</b>			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	1,493	151	10.1%	150
17	0	0	0	n/a	
18	0	0	0	n/a	
19	150	497	153	30.8%	200
20	1200	1,859	1,211	65.1%	1400
21	150	353	154	43.6%	150
22	1900	3,112	1,907	61.3%	2200
23	1600	1,831	1,610	87.9%	2000
24	150	465	155	33.3%	150
25	150	583	152	26.1%	200
26	150	93	93	100.0%	100
27	450	370	370	100.0%	450
<b>TOTALS</b>	<b>6,050</b>	<b>10,656</b>	<b>5,956</b>	<b>55.9%</b>	<b>7000</b>

## ANTLERLESS DEER PERMITS 2012 - 2021 SUMMARY

2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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	0
0	0	0	0	0	0	0	0	0	0
100	100	50	50	50	100	100	100	100	150
50	50	50	50	0	0	0	0	0	0
50	50	50	50	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	150
0	0	100	100	100	200	400	700	1000	1200
200	200	100	50	0	0	0	0	0	150
1500	1500	1000	800	600	700	1200	1200	1400	1900
1000	1000	800	600	600	600	1000	1000	1300	1600
50	50	50	50	0	0	0	0	0	150
0	0	0	0	0	0	0	0	0	150
50	50	50	50	50	50	100	100	100	150
450	450	450	450	400	400	500	450	450	450
<b>3450</b>	<b>3450</b>	<b>2700</b>	<b>2250</b>	<b>1800</b>	<b>2100</b>	<b>3400</b>	<b>3600</b>	<b>4400</b>	<b>6050</b>

NO PERMITS AVAILABLE

SEASON CLOSED

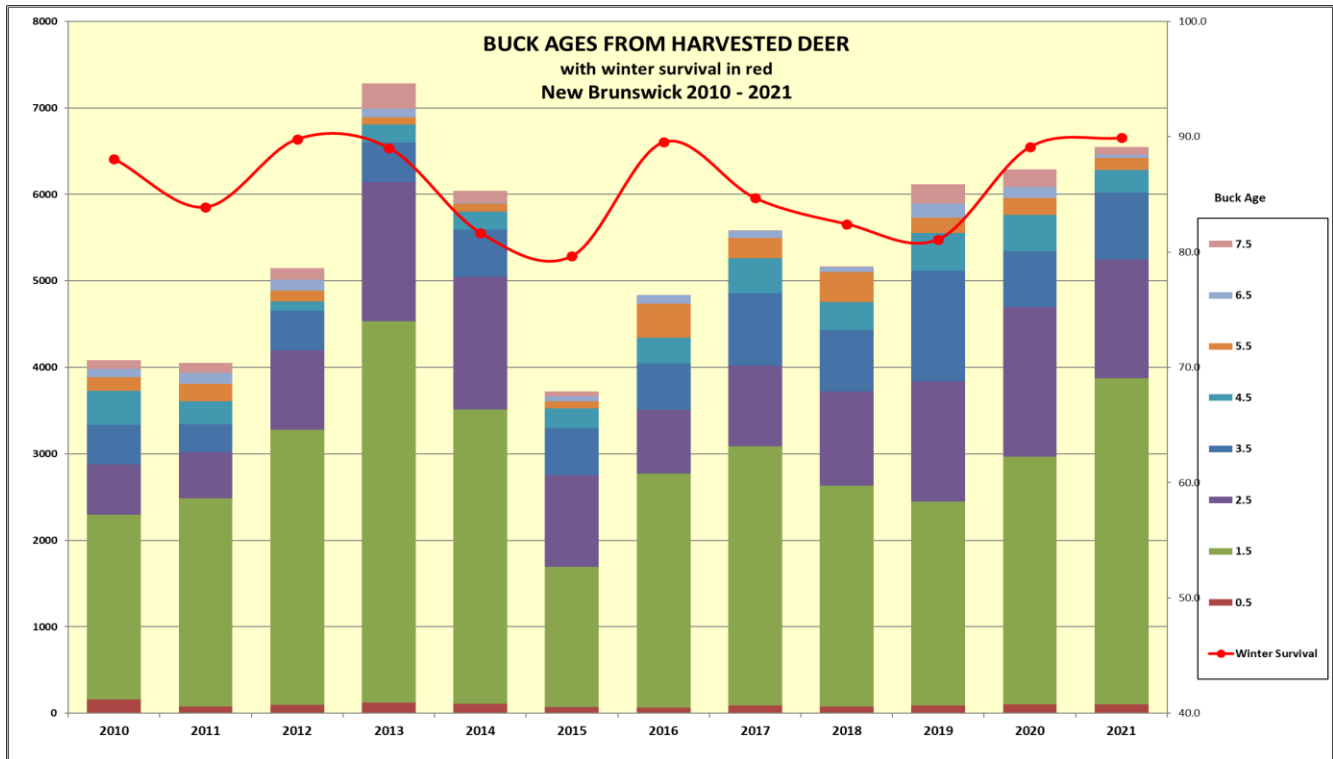
**ANTLERLESS DEER PERMITS ISSUED  
2012 - 2021 SUMMARY**

WMZ	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1										
2										
3										
4										
5										
6										
7										
8										
9										
10						55	118	57	51	
11										
12										
13										
14										
15										
16	106	109	53	53	55	105	100	110	103	151
17	55	51	54	51						
18	54	52	53	53						
19										153
20			100	105	101	212	400	704	1007	1211
21	201	206	100	50						154
22	1508	1537	1000	815	604	727	1214	1229	1413	1907
23	1017	1010	800	603	605	606	1010	1008	1308	1610
24	51	51	51	50						155
25										152
26	50	50	50	50	51	52	99	98	98	93
27	393	376	380	351	388	400	375	358	386	370
<b>TOTALS</b>	<b>3435</b>	<b>3442</b>	<b>2641</b>	<b>2181</b>	<b>1804</b>	<b>2157</b>	<b>3316</b>	<b>3564</b>	<b>4366</b>	<b>5956</b>

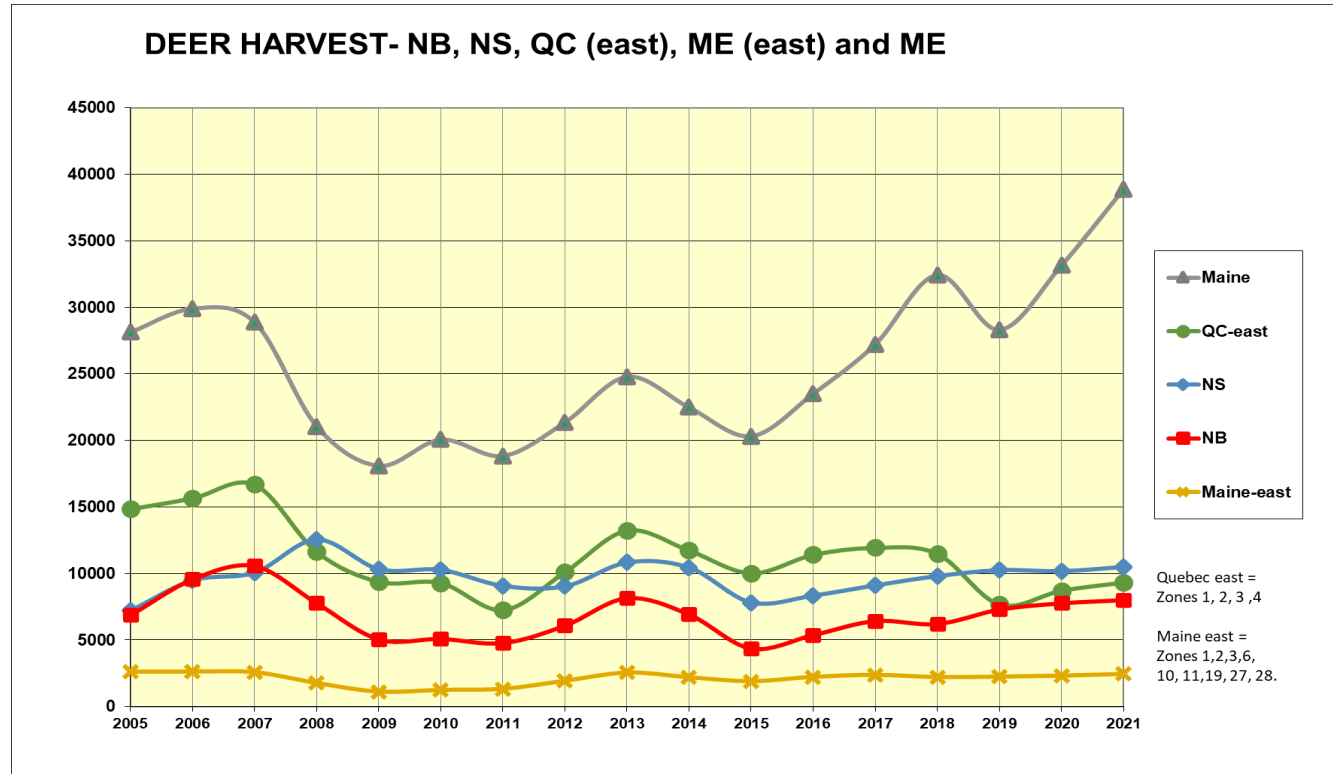
**ANTLERLESS DEER HARVEST  
2012 - 2021 SUMMARY**

WMZ	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10								29	50	27	24
11											
12											
13											
14											
15											
16	36	37	22	24	8	29	24	78	30	36	
17	16	18	17	13							
18	8	10	5	9							
19											32
20			49	30	25	80	136	262	312	289	
21	52	26	21	13							23
22	423	399	260	194	152	178	293	325	368	386	
23	268	262	220	139	134	148	221	372	328	303	
24	18	25	8	8							47
25											46
26	30	19	21	16	22	18	38	33	36	37	
27	95	111	98	75	83	98	84	83	120	77	
<b>TOTALS</b>	<b>949</b>	<b>909</b>	<b>721</b>	<b>521</b>	<b>424</b>	<b>580</b>	<b>846</b>	<b>1191</b>	<b>1223</b>	<b>1276</b>	

### BUCK AGES FOR ALL HARVESTED BUCKS 2010 - 2021



### NEW BRUNSWICK DEER HARVEST COMPARED TO NEIGHBORING AREAS



# New Brunswick's Top Bucks of 2021

Findings based on 731 bucks of the 6443 harvested bucks (11%)  
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	55	22	13	100	220	10.5
2	51	23	8	118	260	8.5
3	47.1	20	10	112	246	5.5
4	46.3	15	10	121	266	3.5
5	46	23	11	77	169	3.5
6	46.0	2	9	96	211	3.5
7	43	10	10	101	222	7.5
8	42	2	8	90	198	3.5
9	41	1	8	100	220	3.5
10	41	16	10	91	200	4.5

## Heaviest Bucks

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	27	2	8	127	279	2.5
2	46.3	15	10	121	266	3.5
3	21	2	8	120	264	2.5
4	35	1	8	119	262	X
5	51	23	8	118	260	8.5
6	24	23	8	118	260	3.5
7	47.1	20	10	112	246	5.5
8	33	2	9	111	244	X
9	29	23	9	109	240	3.5
10	38	22	10	108	238	6.5

## Oldest Bucks

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	55	22	13	100	220	10.5
2	51	23	8	118	260	8.5
3	31	23	7	67	147	8.5
4	43	10	10	101	222	7.5
5	38.5	22	10	101	222	7.5
6	34.8	20	6	100	220	7.5
7	37	6	10	87	191	7.5
8	2	23	8	65	143	7.5
9	38	22	10	108	238	6.5
10	38.3	16	8	105	231	6.5

## Highest Number of Points

Rank	Antler Beam Diameter (mm)	WMZ	No. Points	Weight(kg)	Weight (lbs)	Age
1	55	22	13	100	220	10.5
2	30	13	12	95	266	X
3	31.5	23	12	93	209	X
4	35	22	12	75	205	3.5
5	35.5	23	11	82	165	X
6	35	23	11	91	180	5.5
7	32	22	11	90	200	4.5
8	33	22	11	82	198	3.5
9	46	23	11	77	180	3.5
10	43	10	10	101	222	7.5

## Average Buck Weight by Age

Age	Number	Avg. lbs	No. above 200 lbs	% above 200 lbs
1.5	395	127	0	0
2.5	145	158	10	7%
3.5	80	174	6	8%
4.5	26	184	9	35%
5.5	14	199	7	50%
6.5	4	211	3	75%
7.5	5	200	3	60%
8.5	2	204	1	50%
9.5	0	-	-	-
10+	2	209	2	100%
<b>All 3.5 +</b>	<b>133</b>	<b>192</b>	<b>31</b>	<b>23%</b>

# **BLACK BEAR HARVEST REPORT – 2021**

## **Summary**

Hunters harvested a total of 1,355 black bears during New Brunswick's 2021 hunting seasons which is a 37% increase from the 2020 season (987). 593 bears were taken in the spring season, 746 were taken during the fall gun season, and 16 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, 8 WMZ's (2,8,10,15,16,20,21 and 22) contributed over 50% of the total harvest.

A total of 9,320 black bear licences were sold in 2021, up from 2020 (7,430 licences). Of this total, 8,912 were purchased by residents and 408 were purchased by non-residents. 80% of resident hunters purchased their bear licence as part of a licence bundle. Travel restrictions put in place due to the COVID-19 pandemic have still had an impact on non-resident participation. However, the 2021 non-resident licence sales increased significantly from 2020 (58 licences).

Non-resident hunters harvested 295 bears for a 72% success rate, whereas residents harvested 1,060 bears for a success rate of 12%. Of the total harvest, 96 animals (7%) were taken by bow/crossbow hunting. The new online big game harvest registration service had 283 bears registered during the fall season only (21% of total harvest). Of the 202 bears reported killed that were not taken by hunters, 150 were killed by motor vehicles and 37 were destroyed as nuisance animals.

## **2022 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 2022.



# BLACK BEAR HARVEST STATISTICS

## 1971 - 2021 New Brunswick

Year	Estimated Population <sup>1</sup>	LICENCES SOLD			Non-Resident Licences Used <sup>a</sup>	BLACK BEAR HARVEST			
		Resident	Non-Resident	Total		Resident	Non-Resident	Unknown/Other <sup>b</sup>	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 <sup>c</sup>		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
2021		8,912	408	9,320	408	1,060	295	202	1,557

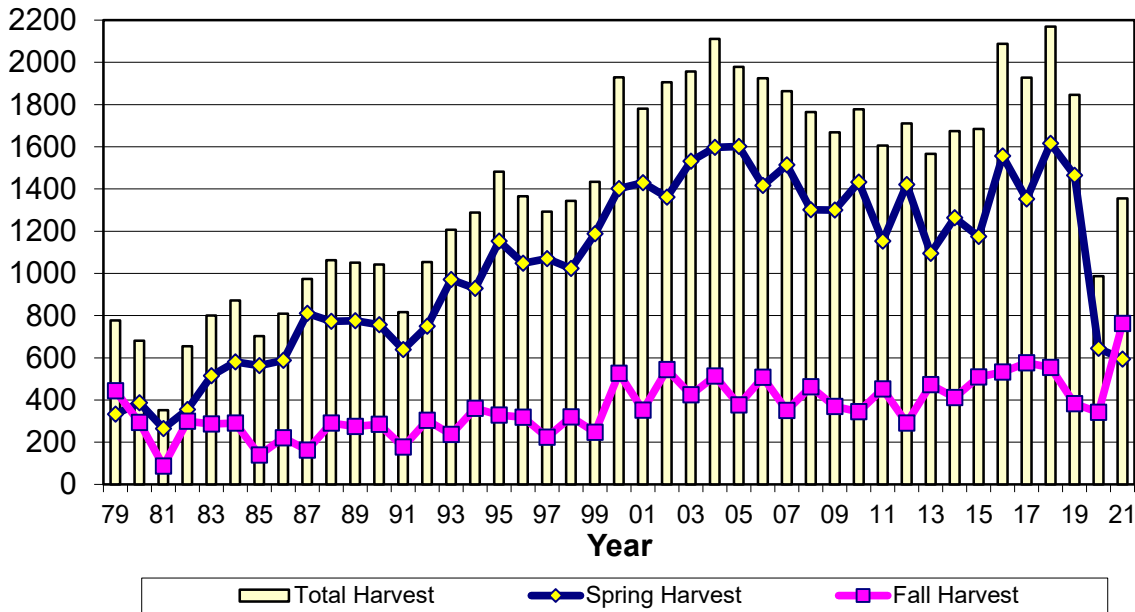
<sup>1</sup> - This column represents estimated pre-hunt adult bear population - calculated every 3 years.

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 be 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.

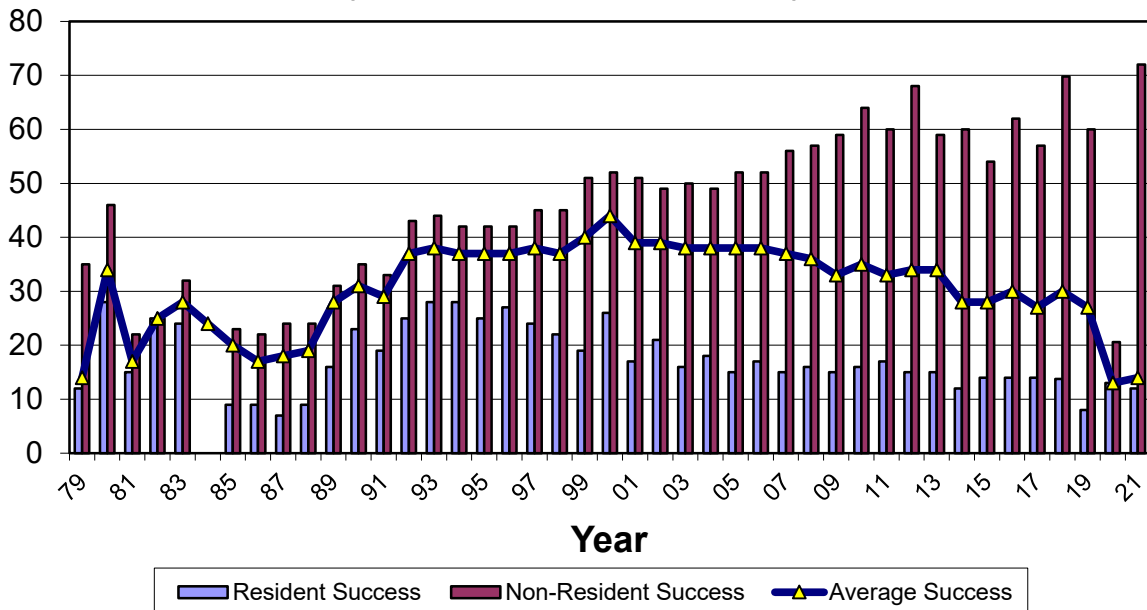
c - Mandatory registration began in fall of 1984.

## SPRING AND FALL BLACK BEAR REGISTRATIONS 1979 - 2021 New Brunswick



79-84 kill estimated from hunter survey

## BEAR HUNTER SUCCESS (%) 1979 - 2021 New Brunswick (Residents and Non-Residents)

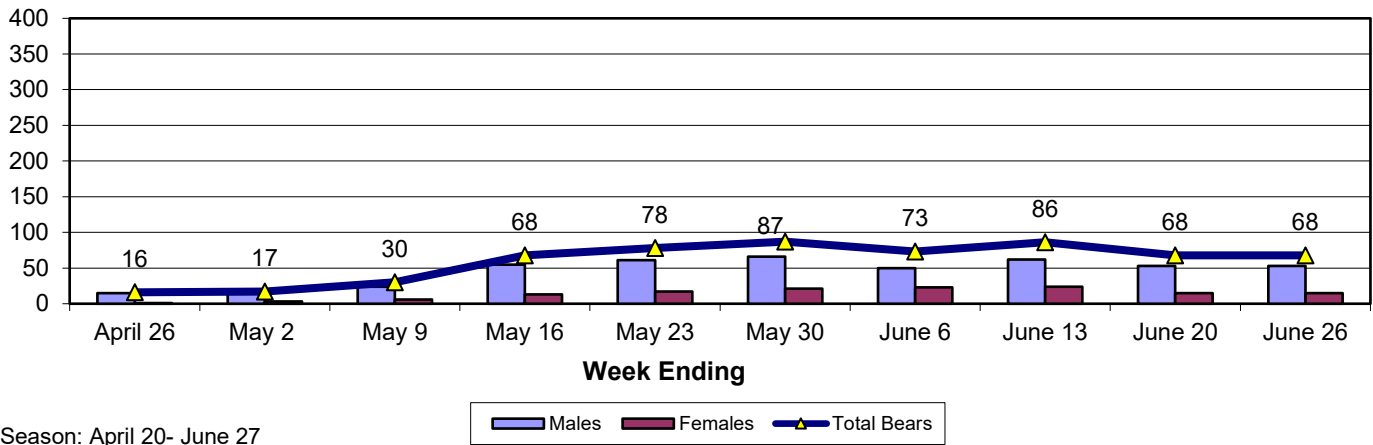


79-84 kill estimated from hunter survey  
unknown res./non-res. kill for 1984

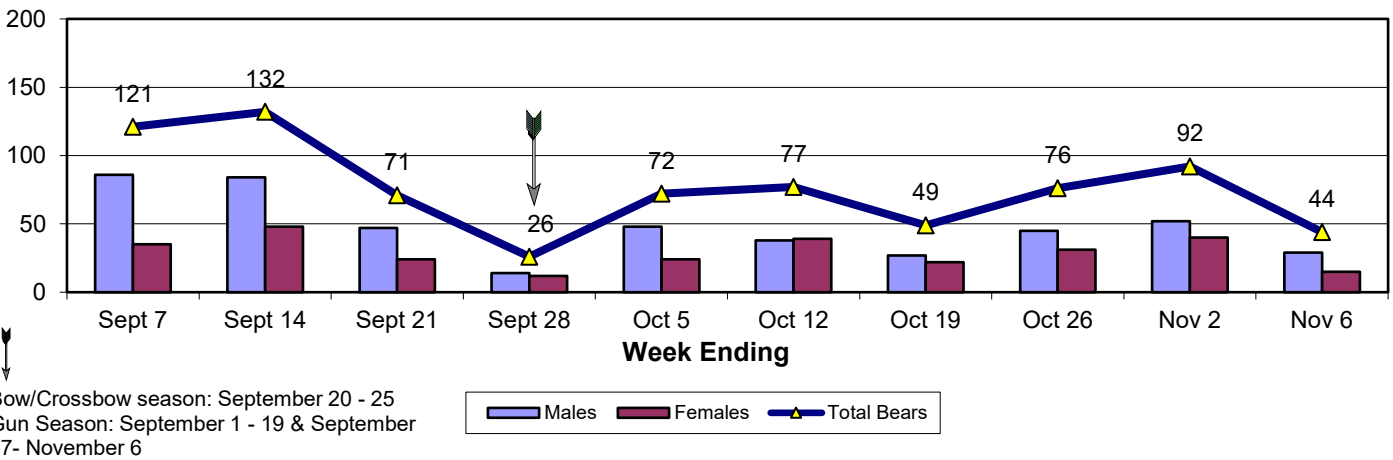
# Registered Black Bear Kill By Wildlife Management Zone Hunting Mortality 2021 New Brunswick

WMZ	Area (km <sup>2</sup> )	#Males	#Females	Unknown Sex	Kill per km <sup>2</sup>	Total Harvest
1	813	9	5	0	0.017	14
2	2666	41	20	0	0.023	61
3	2865	29	19	0	0.017	48
4	3613	18	13	0	0.009	31
5	3206	31	10	0	0.013	41
6	2580	22	16	0	0.015	38
7	6265	30	21	1	0.008	52
8	4116	33	27	0	0.015	60
9	1109	6	3	0	0.008	9
10	2800	77	21	0	0.035	98
11	2536	29	17	0	0.018	46
12	3421	41	18	0	0.017	59
13	2639	23	11	0	0.013	34
14	2357	21	8	0	0.012	29
15	2681	48	30	0	0.029	78
16	4274	85	20	0	0.025	105
17	3056	17	15	0	0.010	32
18	2341	27	19	0	0.020	46
19	2212	37	12	0	0.022	49
20	5255	97	40	0	0.026	137
21	2561	44	24	0	0.025	68
22	2934	75	22	1	0.032	98
23	2538	31	11	0	0.017	42
24	2002	21	15	0	0.018	36
25	2062	31	11	0	0.020	42
26	39	<b>NO OPEN SEASON</b>				
27	155					
Unknown	--	2	0	0	--	2
<b>Province</b>	<b>72,902</b>	<b>925</b>	<b>428</b>	<b>2</b>	<b>0.019</b>	<b>1,355</b>

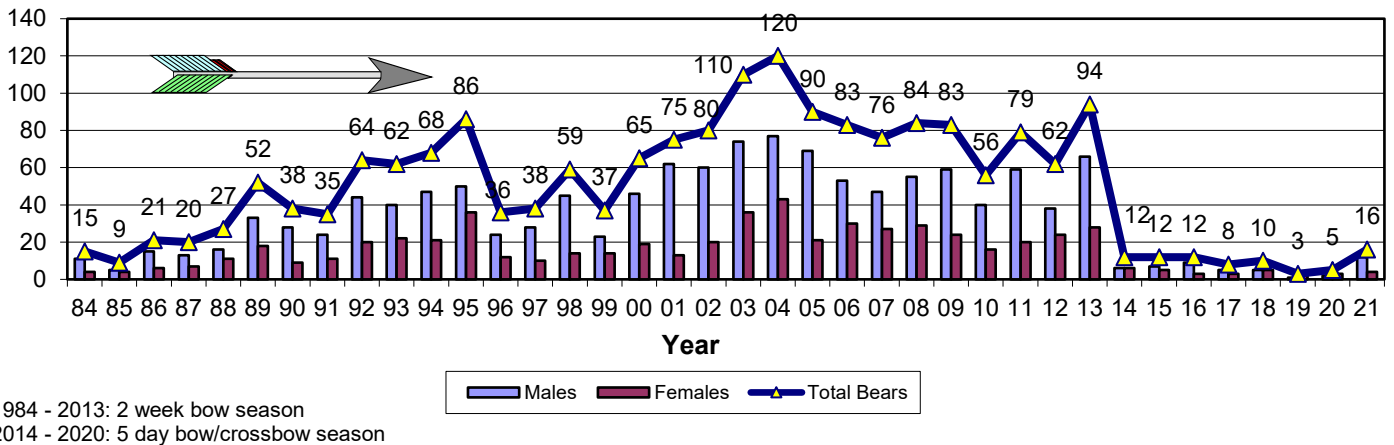
### SPRING BLACK BEAR HARVEST BY WEEK OF KILL 2021 NEW BRUNSWICK



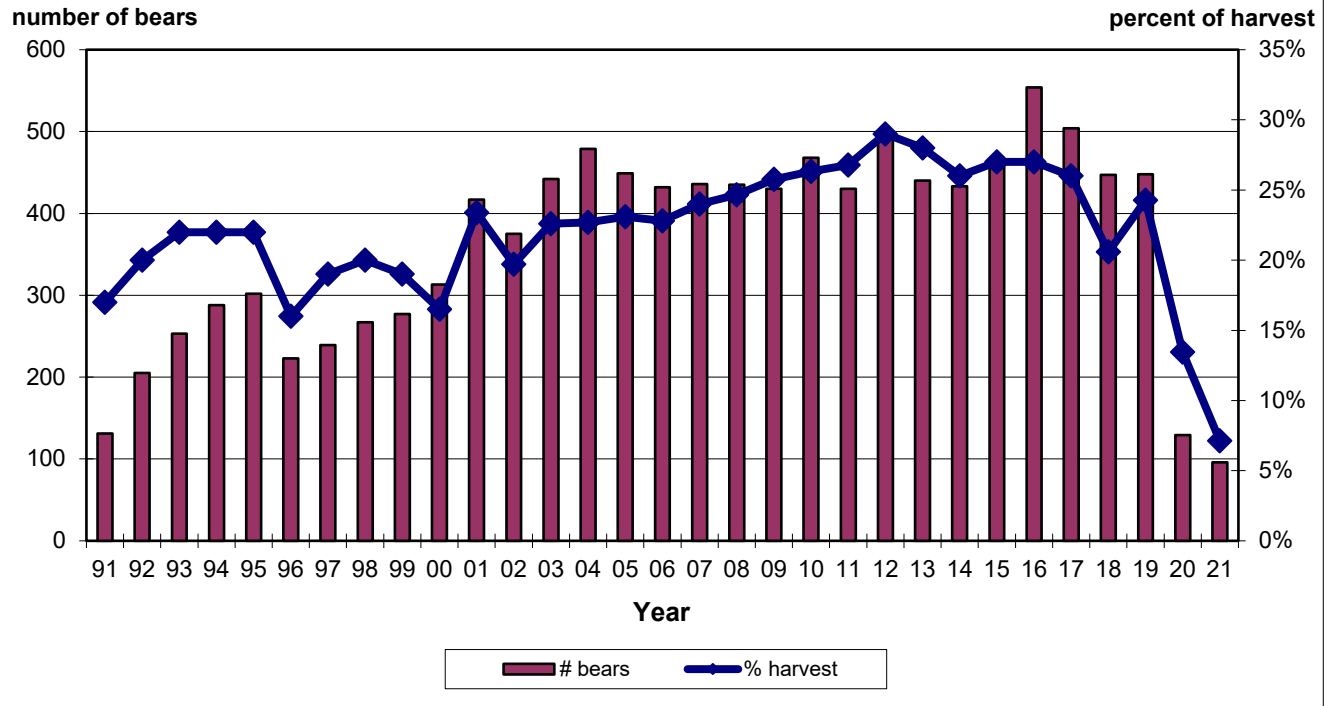
### FALL BLACK BEAR HARVEST BY WEEK OF KILL 2021 NEW BRUNSWICK



### BLACK BEAR SEPTEMBER BOW SEASON HARVEST 1984-2021 NEW BRUNSWICK



### Percent of Bears Harvested With Bow and Number of Bears Harvested With Bow New Brunswick 1991 - 2021



# BIG GAME BAG LIMITS, SEASON DATES, LICENCE FEES AND LICENCE REVENUES New Brunswick - 2021

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

Archery Season:

WMZ 1-3: 4 October - 7 November  
WMZ 6-8; 10-27 4 October - 21 November

Rifle Season:

WMZ 1-3: 25 October - 7 November  
WMZ 6-8: 10-27 25 October - 21 November

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

Licence Revenue: \$ 1,141,689

Application Fee: \$ 4 (Antlerless Deer Draw)  
Application Revenue: \$ 42,624

**TOTAL REVENUE - DEER \$ 1,184,313**

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

Season: 21 - 25 September

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

Licence Revenue: \$ 587,486

Application Fee: \$ 6.30 Resident  
\$ 26.25 Non-Resident  
Application Revenue: \$ 408,706

**TOTAL REVENUE - MOOSE: \$ 996,192**

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**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: 19 April - 26 June  
Fall Archery Season: 20 - 25 September  
Fall Rifle Season: 1 - 19 September; 27 September - 6 November

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

Licence Revenue: \$ 347,466

Application Fee: \$ 26.25 Non-Resident

Application Revenue: \$ 0

**TOTAL REVENUE - BEAR: \$ 347,466**

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**GRAND TOTAL (REVENUE) BIG GAME: \$ 2,527,971**