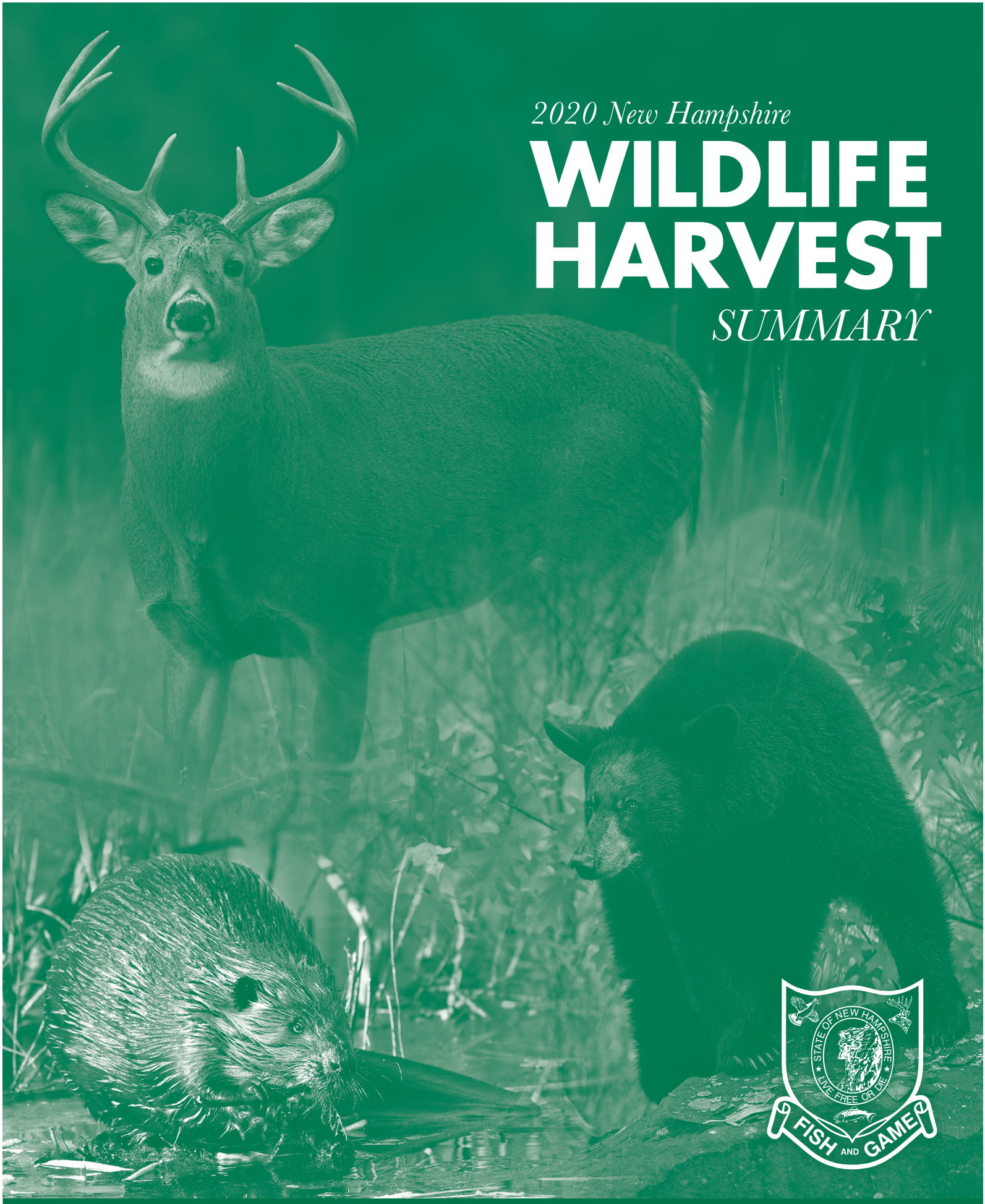

2020 New Hampshire

WILDLIFE HARVEST

SUMMARY

NEW HAMPSHIRE FISH AND GAME DEPARTMENT • HUNTNH.COM

2020 New Hampshire

WILDLIFE HARVEST

SUMMARY

NEW HAMPSHIRE
FISH AND GAME DEPARTMENT
11 Hazen Drive
Concord, NH 03301
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We thank our partners in wildlife conservation, hunters and shooters, U.S. Fish and Wildlife Service, and private industry.

Excise taxes collected on firearms, ammunition, and archery equipment are distributed to state agencies like the N.H. Fish and Game Department to conduct research, restore and manage wildlife populations, purchase habitat, conduct hunter education programs, and create opportunities for hunting and other wildlife-associated recreation.

You are the key to wildlife restoration success in New Hampshire!

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WHITE-TAILED DEER

New Hampshire's 2020 deer season resulted in a total harvest of 13,044, resulting in the 4th highest harvest in the state's history going back to 1922. This was an increase of 6% from 12,306 in 2019. The adult buck (antlered males age 1.5+) kill increased 2% from 7,807 in 2019 to 7,986 in 2020. This represents the 2nd highest adult buck harvest the state has seen going back to 1922. The antlerless harvest (does and fawns) increased 14% from 4,436 in 2019 to 5,058 in 2020.

The Department has generated an annual Winter Severity Index (WSI) since the winter of 1964-65. The index assesses the duration of snow depths in excess of 18 inches and minimum temperatures below 0°F from December through April and provides an indication of potential winter impacts on the deer population. The statewide average WSI for the winter of 2019-20 was below the long-term average. While department biologists have documented little to no mortality during their annual Deer Wintering Area Surveys the last two years, winter conditions have extended well into spring in northern areas of the state during the same time period, resulting in delayed spring green up. This may have caused reduced productivity in northern Wildlife Managment Units (WMUs) and could account for reduced harvests in northern units. Additional winters of average to below average severity should help increase deer numbers towards population objectives in those management units that remain below goal and will allow increased antlerless hunting opportunity in units that are at or near goal.

The total male kill in 2020 including male fawns was 8,800 and the total female kill including female fawns was 4,244. The 2020 general season framework, unit-specific either-sex hunting opportunities and a map of WMUs are provided in a subsequent figure in this report.

The kill during the special youth weekend hunt was 295, up 3% from 286 in 2019. Archery hunters took 3,785 deer (29%) in 2020, up 11% from 3,395 in 2019. The muzzleloader kill in 2020 was 3,166 (24%), a decrease of 8% from 3,428 taken in 2019 while "regular" firearm hunters took 5,798 deer (44%) in 2020, up 12% from 5,197 in 2019. Subsequent tables give additional details on the harvest by season, sex, and WMU.

Biological information was again collected during 2020 at select deer registration stations in order to monitor the physical condition of New Hampshire's deer and assess harvest age structure. In 2020, a total of 1,069 deer were checked (737 males, 332 females). Average yearling (age 1.5) antler beam diameter was 18.2 millimeters and yearling male field-dressed weight averaged 115.0 pounds. Average yearling antler beam diameter was nearly identical to the recent 5-year average of 18.1 millimeters. Field-dressed weight was above the 5-year average of 113.6 pounds. The statewide yearling male fraction, the percentage of adult (antlered) bucks consisting of yearlings, for the 2020 harvest was 36.5%, below the 44.1% in 2019. This indicates that greater than half of adult males taken in New Hampshire in 2020 continue to be 2.5 years old or older. The 2020 value was below the 5-year average of 45.3%. The distribution of older antlered bucks at biological check stations was 25% at 2.5 years old, 24% at 3.5 years, 9% at 4.5 years, and 6% at 5.5+ years old. Mature bucks at 4.5 years old averaged 182 pounds dressed weight with an average of 9 antler points (≥1"), while bucks 5.5+ years old averaged 183 pounds and 9 points.

Deer population management efforts in the near future will remain primarily focused on achieving WMU-specific deer population objectives as provided by New Hampshire's Game Management Plan.

DEER POPULATION OBJECTIVES BY WILDLIFE MANAGEMENT UNIT

Deer management decisions are based on our existing Game Management Plan. The objectives of this plan span the period 2016-2025 and are summarized in the following table. A negative (-) value under "desired % change" indicates a need to decrease the population to achieve the objective while a positive (+) value reflects a need to increase the population. The objective is the desired average annual antlered buck kill. The current level is the actual 2-year average antlered buck kill. The 2-year average is less sensitive to annual variation due to factors other than deer numbers, such as bad weather, snow conditions, etc.

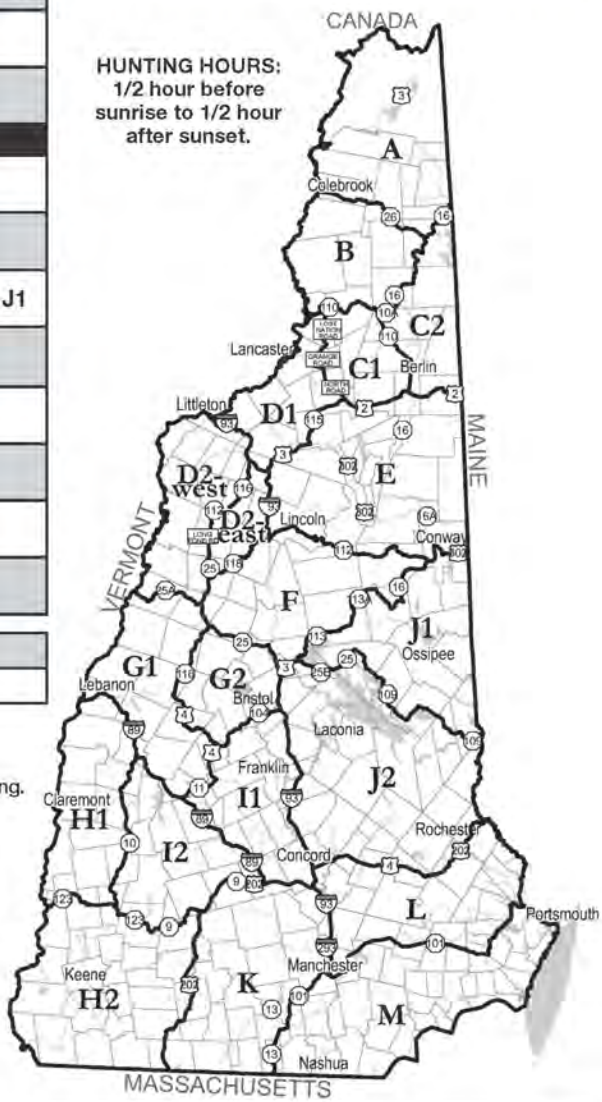
	EXPRESSED AS ADULT (ANTLERED) BUCK KILL		
WMU	OBJECTIVE	CURRENT LEVEL*	DESIRED % CHANGED
A	300	180	67%
B	125	83	51%
C1	65	45	44%
C2	90	59	53%
D1	170	130	31%
D2E	20	15	33%
D2W	360	506	-29%
E	80	79	1%
F	105	116	-9%
G1	340	489	-30%
G2	100	124	-19%
H1	460	463	-1%
H2	675	806	-16%
I1	215	298	-28%
I2	260	282	-8%
J1	310	399	-22%
J2	940	1134	-17%
K	675	841	-20%
L	525	786	-33%
M	535	1098	-51%
TOTAL	**6350**	**7928**	**-20%**

*2-year running average of adult (antlered) buck kill.

2020 N.H. DEER SEASON

TYPE	INCLUSIVE DATES	WILDLIFE MGMT. UNITS
ARCHERY		
Any Deer	Sept. 15 – Dec. 8	A
Any Deer	Sept. 15 – Dec. 15	B – M
YOUTH WEEKEND*		
Any Deer	Oct. 24 – Oct. 25	STATEWIDE
MUZZLELOADER		
Antlered Only	Oct. 31 – Nov. 10	C1, D1, D2-East, E, F, G2, I1, I2
Any Deer Antlered Only	Oct. 31 Nov. 1 – Nov. 10	A, B, C2
Any Deer Antlered Only	Oct. 31 – Nov. 1 Nov. 2 – Nov. 10	J1
Any Deer Antlered Only	Oct. 31 – Nov. 2 Nov. 3 – Nov. 10	D2-West, H1, H2, J2, K
Any Deer Antlered Only	Oct. 31 – Nov. 4 Nov. 5 – Nov. 10	G1
Any Deer	Oct. 31 – Nov. 10	L, M
FIREARM		
Antlered Only	Nov. 11 – Dec. 6	C1, D1, D2-East
Any Deer Antlered Only	Nov. 11 Nov. 12 – Nov. 29	A
Any Deer Antlered Only	Nov. 11 Nov. 12 – Dec. 6	B, C2, E, F, G2, I1, I2, J1
Any Deer Antlered Only	Nov. 11 – Nov. 12 Nov. 13 – Dec. 6	H1, H2, K
Any Deer Antlered Only	Nov. 11 – Nov. 13 Nov. 14 – Dec. 6	J2
Any Deer Antlered Only	Nov. 11 – Nov. 14 Nov. 15 – Dec. 6	D2-West
Any Deer Antlered Only	Nov. 11 – Nov. 15 Nov. 16 – Dec. 6	G1
Any Deer Antlered Only	Nov. 11 – Nov. 20 Nov. 21 – Dec. 6	L, M
BAITING**	Oct. 21 – Nov. 18	A – L
	Sept. 15 – Dec. 15	M

HUNTING HOURS: 1/2 hour before sunrise to 1/2 hour after sunset.



DEFINITIONS –

Antlered Deer: A deer with at least one antler three (3) inches long.

Antlerless Deer: A deer without antlers or with antlers less than 3 inches long.

Any Deer: All deer regardless of sex or age.

* Nonresident youth hunters may participate provided N.H. youth can hunt during youth deer hunts in their state of residence.

****Further restrictions apply.** A full list of rules regarding baiting wildlife in N.H. can be found in the Fis 300 section of the N.H. Code of Administrative Rules or go online at www.gencourt.state.nh.us/rules/state_agencies/fis.html.

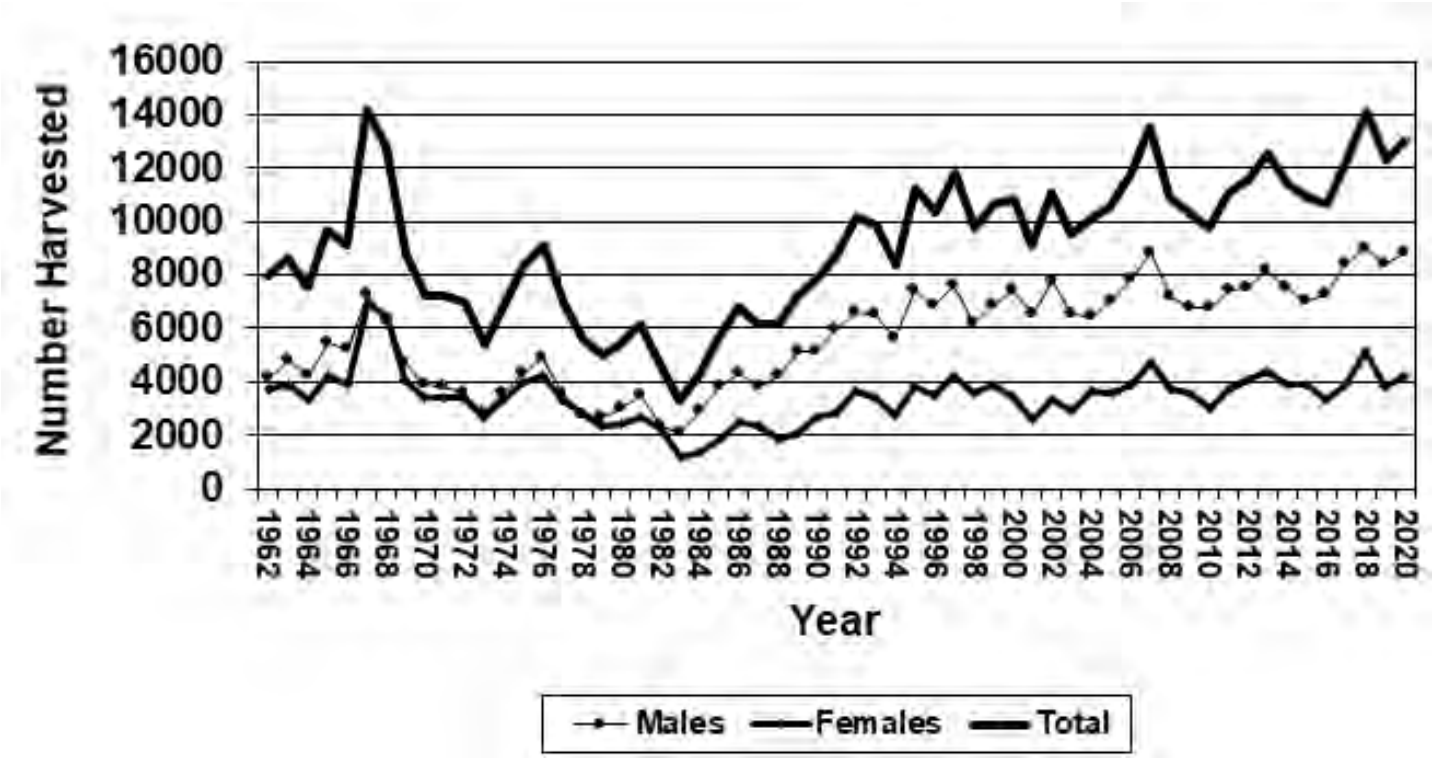
2021 FIREARM OPENING DAY: NOVEMBER 10, 2021

N.H. Fish and Game Department
11 Hazen Drive, Concord, NH 03301
(603) 271-2461 • **HuntNH.com**

TOTAL AND SEX-SPECIFIC DEER HARVEST FOR THE 1962–2020 HUNTING SEASONS

The graph below shows the number of male, female, and total deer harvested from 1962 through 2020. The highest total harvest (14,204 deer) occurred in 1967, the second highest (14,113) in 2018, and the lowest (3,280) in 1983. Earlier harvests contained nearly equal portions of males and females and were the result of very liberal either-sex hunting seasons. High female harvest rates, combined with severe winter weather, caused the state's deer population to decrease from the late 1960s until the early 1980s. In 1983, the Department dramatically reduced the number of either-sex hunting days in most areas of the state to allow populations to begin to increase. Since then, female kill has been consistently lower than the male kill.

The graph below shows a highly variable deer harvest over the past five and a half decades. Many factors can affect the number of deer harvested in any given year, such as deer population density, habitat availability and productivity, hunter density and access, weather severity (all seasons), natural food production, and the Department's season objectives (with respect to management plan goals). All of the above factors have changed with time and will continue to change in years to come. When WMU-specific deer populations reach management plan objectives, the total harvest will rival that of 1967, but the herd will be at a higher level, and more importantly, the harvests will be more sustainable. In addition to hunting, winter severity will continue to play a major role in deer population status in New Hampshire.



DEER KILL BY SEX, SEASON, AND WILDLIFE MANAGEMENT UNIT IN 2020

The following tables give the deer kill for the archery season, youth weekend, muzzleloader season, and the regular firearm season. The Wildlife Management Unit (WMU)-specific and overall deer kill per square mile (KPSM) reported in these tables is based on estimates of square miles of deer habitat. These estimates were derived as part of the New Hampshire Game Management Plan that will guide deer management from 2016 through 2025.

MALE KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2020

	WILDLIFE MANAGEMENT UNIT (WMU)																				
SEASON	**A**	**B**	**C1**	**C2**	**D1**	**D2E**	**D2W**	**E**	**F**	**G1**	**G2**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
ARCHERY	20	8	9	6	23	0	66	6	13	71	17	79	153	69	40	47	264	196	227	463	1777
YOUTH	8	1	1	1	4	0	12	1	0	9	0	11	10	5	5	4	25	15	9	11	132
MUZZL.	25	8	4	9	16	3	114	10	23	107	21	135	233	67	63	101	316	256	323	407	2241
FIREARM	112	56	24	36	67	12	312	78	92	302	93	269	464	194	192	287	682	460	410	508	4650
TOTAL	**165**	**73**	**38**	**52**	**110**	**15**	**504**	**95**	**128**	**489**	**131**	**494**	**860**	**335**	**300**	**439**	**1287**	**927**	**969**	**1389**	**8800**
KPSM	0.30	0.22	0.20	0.22	0.51	0.15	1.48	0.14	0.28	1.24	0.60	1.33	1.34	1.04	0.84	1.01	1.77	1.62	2.52	3.04	1.10

FEMALE KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2020

	WILDLIFE MANAGEMENT UNIT (WMU)																				
SEASON	**A**	**B**	**C1**	**C2**	**D1**	**D2E**	**D2W**	**E**	**F**	**G1**	**G2**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
ARCHERY	28	17	17	12	29	2	111	5	7	122	20	95	138	77	52	70	279	229	197	501	2008
YOUTH	10	2	3	1	6	0	27	0	0	12	2	22	14	5	2	6	25	14	5	7	163
MUZZL.	11	0	0	2	0	0	33	0	0	56	0	62	103	0	1	29	126	102	160	240	925
FIREARM	25	6	0	3	0	0	78	3	3	113	5	57	81	15	16	8	142	62	221	310	1148
TOTAL	**74**	**25**	**20**	**18**	**35**	**2**	**249**	**8**	**10**	**303**	**27**	**236**	**336**	**97**	**71**	**113**	**572**	**407**	**583**	**1058**	**4244**
KPSM	0.13	0.08	0.10	0.08	0.16	0.02	0.73	0.01	0.02	0.77	0.12	0.64	0.52	0.30	0.20	0.26	0.79	0.71	1.52	2.32	0.53

TOTAL KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2020

	WILDLIFE MANAGEMENT UNIT (WMU)																				
SEASON	**A**	**B**	**C1**	**C2**	**D1**	**D2E**	**D2W**	**E**	**F**	**G1**	**G2**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
ARCHERY	48	25	26	18	52	2	177	11	20	193	37	174	291	146	92	117	543	425	424	964	3785
YOUTH	18	3	4	2	10	0	39	1	0	21	2	33	24	10	7	10	50	29	14	18	295
MUZZL.	36	8	4	11	16	3	147	10	23	163	21	197	336	67	64	130	442	358	483	647	3166
FIREARM	137	62	24	39	67	12	390	81	95	415	98	326	545	209	208	295	824	522	631	818	5798
TOTAL	**239**	**98**	**58**	**70**	**145**	**17**	**753**	**103**	**138**	**792**	**158**	**730**	**1196**	**432**	**371**	**552**	**1859**	**1334**	**1552**	**2447**	**13044**
KPSM	0.43	0.30	0.30	0.30	0.67	0.16	2.22	0.15	0.30	2.02	0.72	1.97	1.86	1.34	1.04	1.27	2.56	2.33	4.04	5.36	1.63

ADULT (ANTLERED) BUCK KILL BY WILDLIFE MANAGEMENT UNIT (1960–2020)

Adult buck kill is New Hampshire's most consistent index of total deer population on an historical basis. While either-sex hunting seasons have varied widely through time, adult buck seasons have remained fairly constant, and the adult buck kill provides an accurate and consistent index to change in population levels within a WMU. Adult buck kill figures prior to 1987 (the first year we have good data on a WMU basis) are estimated based on town of kill and current WMU boundaries. Since the number of deer killed in any given year can vary significantly as a result of snow cover, weather, and natural food production, we use two-year averages to assess population status relative to our management efforts and population objectives.

	WILDLIFE MANAGEMENT UNIT (UMU)																				
YEAR	A	B	C1	C2	D1	D2E	D2W	E	F	G1	G2	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
1960	171	164	75	126	132	25	175	166	86	186	103	160	217	165	171	258	264	225	120	146	**3135**
1961	221	217	96	134	220	30	257	165	67	167	65	163	180	164	165	174	225	219	111	102	**3142**
1962	217	232	100	118	222	28	251	168	70	166	81	190	234	145	188	185	225	197	76	64	**3157**
1963	158	169	63	109	147	24	221	157	122	256	146	238	286	184	210	288	312	298	139	120	**3647**
1964	244	185	66	134	161	34	196	158	110	228	105	217	211	123	147	306	254	207	104	66	**3256**
1965	301	207	87	167	205	44	283	236	107	326	180	228	244	158	160	399	355	225	128	69	**4172**
1966	240	168	67	137	170	29	280	201	152	289	151	215	277	147	199	406	402	241	150	75	**3996**
1967	310	278	109	177	268	61	439	234	192	329	162	286	371	184	236	523	596	374	209	123	**5461**
1968	353	232	99	163	240	55	355	245	178	278	179	236	322	139	180	467	494	234	195	75	**4719**
1969	235	200	82	137	175	43	330	166	183	313	159	182	210	101	141	371	262	124	122	46	**3582**
1970	215	134	63	102	139	38	250	164	146	215	139	133	156	84	93	313	260	88	138	64	**2934**
1971	166	85	55	65	112	32	264	121	119	198	119	133	186	84	106	332	337	108	216	69	**2907**
1972	143	79	58	72	141	40	312	150	99	169	112	113	139	86	75	295	294	100	150	71	**2698**
1973	138	53	42	36	84	18	238	90	85	130	57	99	107	60	49	270	288	88	137	41	**2110**
1974	113	47	41	52	102	26	270	95	101	156	79	128	162	87	76	353	402	122	207	89	**2708**
1975	116	61	54	60	132	30	308	121	106	186	108	169	237	111	96	360	526	140	243	116	**3280**
1976	141	83	65	80	155	49	266	126	133	192	84	180	272	140	132	363	613	211	253	145	**3683**
1977	109	63	49	56	127	27	206	103	98	131	80	168	221	94	104	255	441	132	170	90	**2724**
1978	43	28	18	25	83	17	129	41	41	71	51	151	174	85	109	170	398	125	174	117	**2050**
1979	22	19	10	12	70	13	95	24	45	86	42	152	176	93	103	216	403	139	208	92	**2020**
1980	73	41	26	39	56	11	100	47	46	72	41	154	234	93	118	220	428	130	217	125	**2271**
1981	94	46	23	40	91	14	147	54	46	89	45	180	256	100	142	228	459	211	255	138	**2658**
1982	82	39	13	26	56	9	88	28	25	61	19	137	173	71	85	139	323	130	169	114	**1787**
1983	79	36	15	20	38	7	81	20	34	86	55	130	149	58	94	112	280	123	161	92	**1670**
1984	155	63	24	25	83	6	168	41	33	88	51	143	231	78	97	191	372	149	209	143	**2350**
1985	190	56	32	54	91	7	154	69	48	117	56	171	327	112	130	257	494	244	288	202	**3099**
1986	190	65	25	42	73	6	150	52	42	123	57	221	363	132	147	328	571	255	320	228	**3390**
1987	189	82	18	44	79	8	183	37	36	112	32	204	340	127	128	231	499	252	265	276	**3144**
1988	279	71	32	38	87	6	143	44	47	111	58	196	369	131	151	245	527	296	397	332	**3559**
1989	270	90	45	51	106	12	217	66	63	137	85	204	443	165	176	260	655	410	448	384	**4287**
1990	328	102	40	60	93	8	187	66	62	163	64	221	457	141	151	248	618	388	428	410	**4234**
1991	248	122	54	58	128	15	246	68	74	236	73	329	535	187	185	303	713	464	474	414	**4926**
1992	221	93	40	40	119	17	268	79	74	235	107	358	611	248	225	331	906	482	484	496	**5433**
1993	212	99	38	45	133	12	276	68	74	237	107	320	595	237	254	318	874	489	473	488	**5348**
1994	213	82	24	38	125	6	245	70	53	199	87	327	486	234	210	257	772	429	445	489	**4790**
1995	388	152	48	85	169	24	346	92	81	268	108	412	599	220	265	343	939	539	502	546	**6125**
1996	315	106	43	47	159	17	370	72	66	284	81	348	590	220	218	317	960	487	475	564	**5740**
1997	382	138	59	81	209	14	451	89	75	309	80	349	575	199	249	374	899	580	536	657	**6305**
1998	306	118	45	67	195	13	416	73	69	232	77	263	491	157	126	253	714	450	447	615	**5127**
1999	421	142	50	62	182	17	416	62	74	279	95	273	478	155	157	292	714	466	579	724	**5642**
2000	428	169	77	98	199	24	490	74	89	338	89	335	550	195	196	319	816	600	593	863	**6554**
2001	306	119	66	81	166	14	388	53	85	291	64	333	601	186	185	287	799	581	543	828	**5981**
2002	387	128	71	106	169	10	450	62	85	337	80	375	642	234	288	308	969	714	597	827	**6855**
2003	355	141	55	70	148	9	453	43	53	273	58	392	562	181	169	219	762	605	576	691	**5828**
2004	264	98	48	68	97	7	370	69	66	252	88	331	506	149	179	263	856	565	499	746	**5537**
2005	294	99	56	92	137	13	435	52	92	305	67	400	598	209	230	254	842	626	567	761	**6127**
2006	280	122	67	96	144	15	573	87	111	351	117	419	665	231	270	259	924	645	561	741	**6678**
2007	260	193	74	112	225	13	666	91	128	376	132	487	730	257	313	343	1091	789	581	806	**7667**
2008	244	134	50	87	164	23	537	74	76	371	92	451	646	201	256	241	749	698	475	821	**6390**
2009	167	100	52	76	172	18	466	61	87	357	83	455	572	191	256	243	767	625	473	719	**5940**
2010	310	116	40	67	148	11	412	71	95	335	80	409	561	195	215	275	775	608	497	795	**6015**
2011	237	91	44	73	124	19	429	61	88	382	105	375	588	213	232	283	1046	714	601	844	**6549**
2012	302	120	49	63	107	9	397	58	91	435	76	392	514	201	208	273	1030	713	709	912	**6659**
2013	333	138	61	94	152	8	423	79	115	422	109	440	664	198	239	333	1091	692	669	911	**7171**
2014	272	130	64	87	147	9	414	104	92	459	88	409	604	180	222	311	892	659	685	915	**6743**
2015	194	109	40	49	122	15	395	72	115	420	69	380	557	194	189	263	849	621	711	789	**6153**
2016	271	104	61	85	128	16	423	79	109	466	89	400	580	200	198	354	956	629	643	824	**6615**
2017	253	116	34	67	141	14	500	98	140	495	126	437	711	273	254	422	1011	768	783	1065	**7708**
2018	339	127	64	102	160	20	559	119	141	515	116	468	675	289	277	461	1078	728	739	1053	**8029**
2019	214	96	57	69	156	14	542	65	103	524	121	464	797	277	269	379	1084	814	765	1060	**7870**
2020	146	70	33	48	103	15	469	93	128	453	127	461	814	319	294	420	1184	867	806	1136	**7986**

MALE KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2020

Harvest varies widely by day during the hunting season. Changes are primarily influenced by differences in hunting pressure and weather conditions. The typical distribution of harvest includes a high opening day kill in the muzzleloader and firearms seasons, high kills during the first few days, and high kills on weekends for both seasons. The Thanksgiving holiday can also produce high harvests. The number of males listed in this table is the total male kill (including fawns), thus the numbers are somewhat larger than those in the previous table.

ARCHERY SEASON (15 SEPTEMBER – 15 DECEMBER)

	A	B	C1	C2	D1	D2E	D2W	E	F	G1	G2	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
ALL	**20**	**8**	**9**	**6**	**23**	**0**	**66**	**6**	**13**	**71**	**17**	**79**	**153**	**69**	**40**	**47**	**264**	**196**	**227**	**463**	**1777**

YOUTH WEEKEND (24 – 25 OCTOBER)

DATE	A	B	C1	C2	D1	D2E	D2W	E	F	G1	G2	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
10/24	5	1	0	0	0	0	4	0	0	5	0	6	5	1	4	2	11	9	4	5	62
10/25	3	0	1	1	4	0	8	1	0	4	0	5	5	4	1	2	14	6	5	6	70
ALL	**8**	**1**	**1**	**1**	**4**	**0**	**12**	**1**	**0**	**9**	**0**	**11**	**10**	**5**	**5**	**4**	**25**	**15**	**9**	**11**	**132**

MUZZLELOADER SEASON (31 OCTOBER – 10 NOVEMBER)

DATE	A	B	C1	C2	D1	D2E	D2W	E	F	G1	G2	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
10/31	4	2	0	2	1	0	43	3	7	40	5	49	71	16	14	32	120	87	109	118	723
11/1	4	1	1	2	3	0	17	2	4	12	3	23	49	13	8	30	59	58	39	86	414
11/2	1	1	0	0	2	1	13	1	1	11	0	8	15	4	3	2	21	9	16	11	120
11/3	3	0	3	0	1	1	6	1	1	13	2	4	11	10	5	5	14	13	19	19	131
11/4	1	2	0	0	3	0	7	1	0	2	3	5	4	2	9	4	19	10	11	25	108
11/5	2	0	0	0	1	0	6	0	0	3	1	2	11	4	3	2	4	13	23	23	98
11/6	1	1	0	0	1	0	3	1	3	2	1	3	9	2	1	2	9	11	19	19	88
11/7	5	0	0	2	1	0	6	1	2	7	3	22	21	7	11	8	24	17	43	39	219
11/8	0	1	0	1	0	0	6	0	3	11	0	14	27	5	5	7	20	15	23	33	171
11/9	0	0	0	0	0	0	3	0	2	4	1	2	8	3	3	5	6	9	9	13	68
11/10	4	0	0	2	3	1	4	0	0	2	2	3	7	1	1	4	20	14	12	21	101
ALL	**25**	**8**	**4**	**9**	**16**	**3**	**114**	**10**	**23**	**107**	**21**	**135**	**233**	**67**	**63**	**101**	**316**	**256**	**323**	**407**	**2241**

REGULAR FIREARM SEASON (11 NOVEMBER – 6 DECEMBER)

DATE	A	B	C1	C2	D1	D2E	D2W	E	F	G1	G2	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
11/11	15	2	3	2	7	0	34	10	13	41	11	42	105	43	32	44	165	102	43	51	765
11/12	6	1	1	0	4	2	27	5	2	25	9	38	48	8	9	11	67	50	22	19	354
11/13	5	3	2	2	3	0	31	7	7	29	8	17	27	8	17	18	76	26	30	30	346
11/14	11	2	1	2	5	1	45	10	10	32	6	23	44	25	16	33	57	53	65	64	505
11/15	4	4	1	4	5	1	17	6	11	21	9	16	36	14	15	21	44	38	36	48	351
11/16	3	1	0	2	2	1	12	4	4	6	5	6	12	5	6	8	17	5	16	11	126
11/17	5	3	0	0	1	0	12	2	2	8	3	6	15	3	6	6	11	17	16	20	136
11/18	6	1	1	3	1	0	11	3	1	7	2	7	9	5	11	6	11	10	16	10	121
11/19	6	2	2	1	0	2	16	6	5	10	2	6	14	8	7	11	16	9	13	15	151
11/20	7	1	0	2	1	0	15	2	3	10	3	4	13	6	6	13	21	9	29	25	170
11/21	10	4	2	2	8	1	15	5	5	18	9	23	37	14	18	24	52	22	15	43	327
11/22	1	1	1	2	2	0	8	3	4	16	3	16	20	10	10	16	29	32	17	34	225
11/23	3	3	0	0	3	1	3	1	1	3	1	4	6	3	3	5	8	4	4	7	63
11/24	7	1	1	1	3	0	4	1	1	4	2	4	5	3	3	9	10	9	2	10	80
11/25	6	3	2	2	6	1	11	2	2	7	2	8	11	5	2	4	10	9	7	8	108
11/26	3	2	1	3	1	1	4	0	0	5	3	4	7	6	2	5	3	5	5	2	62
11/27	2	2	1	1	4	0	6	4	1	7	4	11	12	6	8	11	11	14	12	27	144
11/28	10	1	1	2	1	0	8	1	5	13	2	8	15	5	7	8	15	14	17	22	155
11/29	2	3	2	1	2	0	7	3	1	8	1	11	5	4	2	6	15	6	12	16	107
11/30	0	3	0	0	0	0	4	0	1	2	0	2	0	1	0	3	0	4	1	2	23
12/1	0	4	1	1	2	0	5	0	3	2	1	0	0	2	1	1	8	1	2	3	37
12/2	0	2	0	0	0	0	2	0	1	6	2	2	3	1	2	2	7	3	3	5	41
12/3	0	2	0	0	2	0	3	1	2	4	1	2	5	2	0	2	4	0	2	5	37
12/4	0	1	0	0	0	0	2	0	1	3	2	1	4	1	3	5	6	3	6	6	44
12/5	0	1	1	0	1	0	5	1	0	7	0	4	2	4	1	4	10	4	6	1	52
12/6	0	3	0	3	3	1	5	1	6	8	2	4	9	2	5	11	9	11	13	24	120
ALL	**112**	**56**	**24**	**36**	**67**	**12**	**312**	**78**	**92**	**302**	**93**	**269**	**464**	**194**	**192**	**287**	**682**	**460**	**410**	**508**	**4650**

ALL SEASONS COMBINED

	A	B	C1	C2	D1	D2E	D2W	E	F	G1	G2	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
ALL	**165**	**73**	**38**	**52**	**110**	**15**	**504**	**95**	**128**	**489**	**131**	**494**	**860**	**335**	**300**	**439**	**1287**	**927**	**969**	**1389**	**8800**

YEARLING ANTLER BEAM DIAMETER BY WILDLIFE MANAGEMENT UNIT (2016–2020)

The antler beam diameter (ABD) of yearling (age 1.5) males is used to assess the quality of deer habitat. The biological maximum average yearling ABD on excellent range is around 24 millimeters. This maximum is not reached anywhere in New Hampshire because of our relatively unproductive soils and harsh winters. As deer densities increase from low levels, ABDs in the 17-19 millimeter range indicate deer are in good to excellent health that can easily be sustained on the available habitat. Average ABDs below 16 millimeters on a consistent basis indicate deer densities may be nearing the carrying capacity of the WMU. In the following table, the number in parentheses following each average is the number of deer measured.

	YEAR					5-YEAR AVERAGE
WMU	2020	2019	2018	2017	2016	
A	16.6 (8)	17.7 (12)	16.4 (17)	16.5 (22)	18.8 (9)	17.0 (68)
B	22.0 (1)	. (0)	20.5 (2)	17.8 (5)	18.3 (4)	18.8 (12)
C1	16.0 (1)	. (0)	16.0 (2)	. (0)	16.0 (1)	16.0 (4)
C2	17.3 (3)	. (0)	19.3 (3)	17.5 (2)	20.0 (2)	18.5 (10)
D1	. (0)	. (0)	. (0)	. (0)	. (0)	. (0)
D2E	20.0 (1)	. (0)	. (0)	. (0)	. (0)	20.0 (1)
D2W	16.9 (15)	17.1 (16)	18.8 (17)	18.1 (24)	18.0 (13)	17.8 (85)
E	. (0)	24.0 (1)	15.0 (1)	. (0)	22.5 (4)	21.5 (6)
F	. (0)	. (0)	. (0)	20.0 (1)	. (0)	20.0 (1)
G1	18.3 (10)	14.8 (4)	16.3 (3)	15.6 (19)	16.6 (10)	16.4 (46)
G2	. (0)	. (0)	. (0)	22.0 (1)	. (0)	22.0 (1)
H1	. (0)	16.0 (24)	16.7 (15)	17.3 (33)	18.1 (24)	17.1 (96)
H2	17.4 (25)	16.2 (30)	18.0 (39)	19.1 (38)	17.7 (29)	17.8 (161)
I1	17.9 (9)	18.2 (11)	18.6 (7)	19.0 (7)	18.3 (9)	18.3 (43)
I2	17.4 (14)	16.3 (11)	19.5 (8)	19.9 (15)	19.2 (9)	18.4 (57)
J1	18.3 (11)	17.3 (17)	18.7 (16)	19.8 (32)	20.2 (21)	19.1 (97)
J2	18.0 (30)	16.2 (26)	18.2 (34)	19.1 (24)	17.5 (47)	17.8 (161)
K	18.5 (42)	16.5 (40)	19.0 (31)	19.3 (41)	18.7 (33)	18.4 (187)
L	19.6 (16)	16.5 (17)	18.2 (14)	18.5 (11)	18.6 (9)	18.2 (67)
M	18.8 (58)	18.1 (56)	19.0 (28)	19.3 (46)	20.0 (24)	18.9 (212)
ALL	**18.2 (244)**	**16.9 (265)**	**18.2 (237)**	**18.6 (321)**	**18.5 (248)**	**18.1 (1315)**

YEARLING MALE FRACTION BY WILDLIFE MANAGEMENT UNIT (2016–2020)

The yearling male fraction (YMF) is the percentage of harvested adult males that are yearlings (age 1.5). The YMF reflects the average annual mortality rate of all adult males in the population by estimating the percentage lost to all causes on an annual basis (about half of our annual all-cause mortality is from the hunting seasons). In any given year, a high YMF may also reflect good fawn production 2 years previous and/or good fawn survival the previous winter. New Hampshire has a relatively low annual mortality rate when compared with many other northeastern states, and this is why we maintain good age structure in the male population. Based on 2020 statewide biological check station data, 36.5% of adult (age 1.5+) males were yearlings, 25.4% of harvested adult males were 2.5 years old, and 38.1% were 3.5 years or older. The number in parentheses following each yearling male fraction is the total number of yearling and older bucks in the aged sample.

	YEAR					5-YEAR AVERAGE
WMU	2020	2019	2018	2017	2016	
A	44.4 (18)	37.5 (32)	30.4 (56)	55.0 (40)	40.9 (22)	40.5 (168)
B	33.3 (3)	0.0 (1)	33.3 (6)	83.3 (6)	66.7 (6)	54.5 (22)
C1	33.3 (3)	. (0)	40.0 (5)	. (0)	100.0 (1)	44.4 (9)
C2	50.0 (6)	0.0 (2)	50.0 (6)	66.7 (3)	33.3 (6)	43.5 (23)
D1	. (0)	. (0)	0.0 (1)	. (0)	. (0)	0.0 (1)
D2E	100.0 (1)	. (0)	. (0)	0.0 (1)	. (0)	50.0 (2)
D2W	27.8 (54)	44.2 (43)	56.7 (30)	49.0 (49)	54.2 (24)	44.0 (200)
E	0.0 (1)	25.0 (4)	20.0 (5)	0.0 (8)	50.0 (8)	23.1 (26)
F	. (0)	0.0 (1)	. (0)	50.0 (2)	. (0)	33.3 (3)
G1	30.3 (33)	44.4 (9)	18.8 (16)	48.7 (39)	40.0 (25)	37.7 (122)
G2	. (0)	. (0)	. (0)	100.0 (1)	. (0)	100.0 (1)
H1	. (0)	53.3 (45)	34.1 (44)	55.9 (59)	33.3 (72)	43.6 (220)
H2	25.8 (97)	35.1 (94)	47.0 (83)	46.9 (81)	46.0 (63)	39.2 (418)
I1	37.5 (24)	55.0 (20)	33.3 (21)	46.7 (15)	75.0 (12)	46.7 (92)
I2	48.3 (29)	45.8 (24)	38.1 (21)	51.7 (29)	47.4 (19)	46.7 (122)
J1	42.3 (26)	44.7 (38)	45.9 (37)	42.9 (77)	43.1 (51)	43.7 (229)
J2	35.6 (87)	36.5 (74)	53.1 (64)	42.4 (59)	66.7 (72)	46.3 (356)
K	32.1 (134)	41.7 (96)	49.2 (63)	60.3 (68)	61.1 (54)	45.3 (415)
L	40.0 (40)	48.6 (35)	50.0 (30)	45.8 (24)	55.0 (20)	47.0 (149)
M	49.2 (118)	55.8 (104)	59.2 (49)	77.8 (63)	58.5 (41)	58.1 (375)
ALL	**36.5 (674)**	**44.1 (622)**	**44.7 (537)**	**52.2 (624)**	**50.8 (496)**	**45.3 (2953)**

NEW HAMPSHIRE TROPHY DEER PROGRAM

Beginning in 1999, the New Hampshire Antler and Skull Trophy Club (NHASTC) assumed responsibility for New Hampshire's trophy deer program. The program annually recognizes hunters who take deer with a weight of 200 pounds or more by each of three hunting methods (archery, muzzleloader and regular firearms). To qualify, deer must weigh at least 200 pounds completely field dressed (with all internal organs including heart, lungs and liver removed). For entry information and an application form, look in the Hunting Digest published annually by Fish and Game and available at your license agent or on-line at www.huntnh.com. The following tables provide the overall historical top 10 and those for the 2016 season. For a complete listing of this year's registry or information on trophy deer, moose and black bear, contact Roscoe Blaisdell, president of NHASTC, 22 Scribner Road, Raymond, NH 03077, or call 603-895-9947. The information below was generously provided by NHASTC.

ALL METHODS OVERALL

YEAR	NAME	RESIDENCE	WEIGHT	COUNTY
1951	Robert Senechal	Hancock, NH	294*	Hillsborough
1985	Arnold Girroir	W. Newbury, MA	289	Coos
1998	Mike Kenyon	Bradford, VT	284	Grafton
1998	Scott Magoon	Topsham, VT	277	Coos
1984	Dave Alonzo	Berlin, NH	273	Coos
1984	William Robinson	Northfield, NH	273	Coos
1985	Bradley Frizzell	Pittsburg, NH	272	Coos
2020	Mark Evans	Wentworth, NH	270	Grafton
1980	Robert Neil	Gorham, NH	267	Coos
1994	Steven Young	Beecher Falls, VT	267	Coos

* - Could not be verified that this was field dressed weight.

2020 ALL METHOD TOP 10

NAME	RESIDENCE	WEIGHT	COUNTY
Mark Evans	Wentworth, NH	270	Grafton
Keith Roberge	Gorham, NH	238	Coos
Michael Kidwell	Ocala, FL	237	Cheshire
Albert Dauphinais	Danbury, NH	233	Merrimack
Landon Haynes	Canaan, VT	233	Coos
Theodore Nutter Jr.	Orford, NH	233	Grafton
Matthew Guinard	Bedford, NH	232	Hillsborough
Patrick Hanley	Brookfield, NH	232	Carroll
Michael Duval	Cornish, NH	232	Sullivan
Darrell Dunn	Northfield, NH	230	Merrimack
Dana Huoppi	Marshfield, MA	230	Coos

REGULAR FIREARM OVERALL

YEAR	NAME	RESIDENCE	WEIGHT	COUNTY
1985	Arnold Girroir	W. Newbury, MA	289	Coos
1998	Mike Kenyon	Bradford, VT	284	Grafton
1984	Dave Alonzo	Berlin, NH	273	Coos
1985	Bradley Frizzell	Pittsburg, NH	272	Coos
1980	Robert Neil	Gorham, NH	267	Coos
1995	Lawrence Gonyer	Bow, NH	265	Coos
1986	Joe Daley Jr	Brentwood, NH	265	Rockingham
1983	Perry Taylor	Moultonborough, NH	262	Coos
1994	Howard Fields Jr	Saline, MI	261	Coos
2013	Earl F. Pike	Canaan, NH	259	Grafton

2020 REGULAR FIREARM TOP 10

NAME	RESIDENCE	WEIGHT	COUNTY
Keith Roberge	Gorham, NH	238	Coos
Landon Haynes	Canaan, VT	233	Coos
Michael Duval	Cornish, NH	232	Sullivan
Kenneth Fecteau Jr.	N. Conway, NH	229	Carroll
Joseph Bolduc	Dalton, NH	227	Coos
Mark Emmons	Lisbon, NH	227	Grafton
Steven Coolidge	Groton, NH	225	Grafton
Jarrod Trombley	Florence, VT	224	Coos
Kevin Ohearn	Meredith, NH	220	Belknap
Noah Hoffman	Chocorua, NH	220	Carroll

NEW HAMPSHIRE TROPHY DEER PROGRAM, cont.

ARCHERY OVERALL

YEAR	NAME	RESIDENCE	WEIGHT	COUNTY
2007	Rick Pescinski	Sanbornton, NH	255	Belknap
2002	Jeremiah Donaldson	Albany, NH	252	Carroll
2002	Rodger Matthewman	Meredith, NH	251	Belknap
2007	Dennis L. Faulkenham	Stark, NH	243	Coos
2009	Patric J. Laughy	Sanbornton, NH	243	Belknap
2002	Dave Lufkin	Lancaster, NH	242	Coos
2012	Scott Kenison	Laconia, NH	242	Grafton
2004	Ted Pinney	Rochester, NH	240	Rock.
2013	Kenneth J. Martell	Groton, NH	238	Grafton
1995	Gregory Hebert	Laconia, NH	237	Belknap
2001	Fred Schobel	Rehoboth, MA	237	Rockingham

2020 ARCHERY TOP 10

NAME	RESIDENCE	WEIGHT	COUNTY
Matthew Guinard	Bedford, NH	232	Hillsborough
Patrick Hanley	Brookfield, NH	232	Carroll
Darrell Dunn	Northfield, NH	230	Merrimack
Joseph Cilley	Belmont, NH	226	Belknap
Andrew Cutting	Bedford, NH	219	Hillsborough
Thomas Poland	Hillsborough, NH	217	Hillsborough
Gregory Higginbottom	Weare, NH	217	Hillsborough
Dion Bowzer	Westford, MA	215	Coos
Anton Wilson	Gilford, NH	215	Belknap
Scott Clark	Keene, NH	214	Cheshire
Christopher Royer	Candia, NH	214	Rockingham
Joseph Velie	Manchester, NH	214	Coos
Joe Lupo	Bedford, NH	214	Hillsborough

MUZZLELOADER OVERALL

YEAR	NAME	RESIDENCE	WEIGHT	COUNTY
1998	Scott Magoon	Topsham, VT	277	Coos
1984	William Robinson	Northfield, NH	273	Coos
2020	Mark Evans	Wentworth, NH	270	Grafton
1994	Steven Young	Beecher Falls, VT	267	Coos
2016	Justin Vien	Berlin, NH	266	Coos
2016	Michael Merrill	Washington, VT	265	Coos
2001	Larry Miles	North Conway, NH	260	Coos
1994	Dennis McLaughlin	Barre, VT	257	Coos
1992	Colby Morrison	Wentworth, NH	254	Grafton
2000	Carl Baker	Hyde Park, VT	254	Coos

2020 MUZZLELOADER TOP 10

NAME	RESIDENCE	WEIGHT	COUNTY
Mark Evans	Wentworth, NH	270	Grafton
Michael Kidwell	Ocala, FL	237	Cheshire
Albert Dauphinais	Danbury, NH	233	Merrimack
Theodore Nutter Jr.	Orford, NH	233	Grafton
Dana Huoppi	Marshfield, MA	230	Coos
Michael Groton Jr.	Alton, NH	227	Strafford
Ashley Childs	Newport, NH	226	Sullivan
Michael Sibley	Brimfield, MA	225	Grafton
John Renner	Strafford, NH	220	Rockingham
Larry Duval	Cornish, NH	219	Sullivan

DEER KILL BY TOWN AND SEX DURING 2020

This is an alphabetical listing of New Hampshire towns with reported deer harvest in 2020. It gives the Wildlife Management Units (WMUs) that the town is part of, as well as the deer kill by sex and per square mile. The kill per square mile for towns in this table is expressed on the basis of square miles of land area. Towns not listed had no registered deer harvest in 2020.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
ACWORTH	(H1)	43	14	57	1.47
ALBANY	(E/F/J1)	9	2	11	0.15
ALEXANDRIA	(G2/I1)	23	5	28	0.64
ALLENSTOWN	(L)	28	14	42	2.07
ALSTEAD	(H1/H2)	41	8	49	1.26
ALTON	(J2)	86	36	122	1.92
AMHERST	(K/M)	50	46	96	2.85
ANDOVER	(G1/I1)	33	8	41	1.02
ANTRIM	(H2/I2/K)	28	7	35	0.99
ASHLAND	(F/G2/J2)	9	2	11	0.98
ATKINSON	(M)	30	23	53	4.74
ATKINSON & GIL. AC. GR.	(A)	2	2	4	0.21
AUBURN	(L/M)	48	55	103	4.06
BARNSTEAD	(J2)	77	50	127	2.98
BARRINGTON	(J2/L)	97	52	149	3.21
BARTLETT	(E)	19	1	20	0.27
BATH	(D2W)	93	47	140	3.71
BEDFORD	(K/L/M)	42	32	74	2.27
BELMONT	(J2)	55	25	80	2.67
BENNINGTON	(H2/K)	10	5	15	1.34
BENTON	(D2E/D2W)	15	3	18	0.37
BERLIN	(C1/C2)	11	4	15	0.24
BETHLEHEM	(D1/D2W/E)	27	9	36	0.40
BOSCAWEN	(I1)	26	5	31	1.26
BOW	(I1/K/L)	61	32	93	3.32
BRADFORD	(I2)	13	5	18	0.51
BRENTWOOD	(L/M)	52	27	79	4.71
BRIDGEWATER	(G2)	16	3	19	0.88
BRISTOL	(G2/I1)	15	5	20	1.19
BROOKFIELD	(J1/J2)	28	7	35	1.53
BROOKLINE	(K/M)	30	15	45	2.27
CAMBRIDGE	(B/C2)	4	0	4	0.08
CAMPTON	(F)	24	3	27	0.52
CANAAN	(G1/G2)	60	29	89	1.67
CANDIA	(L/M)	63	34	97	3.21
CANTERBURY	(I1/J2)	47	18	65	1.49
CARROLL	(D1/E)	10	3	13	0.26
CENTER HARBOR	(J1/J2)	22	4	26	1.96
CHARLESTOWN	(H1)	39	20	59	1.66
CHATHAM	(E)	9	3	12	0.21
CHESTER	(M)	51	35	86	3.31
CHESTERFIELD	(H2)	43	18	61	1.34
CHICHESTER	(J2/L)	43	34	77	3.67
CLAREMONT	(H1)	61	29	90	2.10
CLARKSVILLE	(A)	23	7	30	0.50

DEER KILL BY TOWN AND SEX DURING 2020, cont.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
COLEBROOK	(A/B)	18	19	37	0.91
COLUMBIA	(B)	14	8	22	0.36
CONCORD	(I1/J2/K/L)	84	38	122	1.92
CONWAY	(E/F/J1)	52	13	65	0.94
CORNISH	(H1)	60	26	86	2.05
CROYDON	(H1/I2)	31	7	38	1.04
DALTON	(D1)	8	4	12	0.44
DANBURY	(G1/G2/I1)	24	5	29	0.77
DANVILLE	(M)	18	10	28	2.41
DEERFIELD	(L)	79	57	136	2.67
DEERING	(K)	30	10	40	1.32
DERRY	(M)	61	32	93	2.64
DIX'S GRANT	(A)	1	0	1	0.05
DIXVILLE	(A/B)	3	0	3	0.06
DORCHESTER	(G1/G2)	8	1	9	0.20
DOVER	(L)	72	64	136	5.09
DUBLIN	(H2)	33	6	39	1.39
DUMMER	(B/C1/C2)	21	10	31	0.65
DUNBARTON	(K)	57	22	79	2.70
DURHAM	(L)	63	43	106	4.74
EAST KINGSTON	(M)	35	32	67	6.79
EASTON	(D2E/D2W)	8	1	9	0.29
EATON	(J1)	15	3	18	0.74
EFFINGHAM	(J1)	29	8	37	0.95
ELLSWORTH	(F)	2	0	2	0.09
ENFIELD	(G1/H1)	83	43	126	3.13
EPPING	(L/M)	71	34	105	4.08
EPSOM	(J2/L)	72	46	118	3.46
ERROL	(A/B/C2)	16	1	17	0.28
EXETER	(L/M)	47	44	91	4.64
FARMINGTON	(J2)	75	29	104	2.87
FITZWILLIAM	(H2)	62	28	90	2.60
FRANCESTOWN	(K)	34	11	45	1.52
FRANCONIA	(D1/D2E/D2W/E)	12	4	16	0.24
FRANKLIN	(I1)	24	15	39	1.43
FREEDOM	(J1)	58	18	76	2.21
FREMONT	(M)	15	18	33	1.91
GILFORD	(J2)	56	18	74	1.91
GILMANTON	(J2)	71	39	110	1.92
GILSUM	(H2)	18	5	23	1.39
GOFFSTOWN	(K)	69	38	107	2.90
GORHAM	(C1/C2/E)	12	0	12	0.38
GOSHEN	(H1/I2)	25	7	32	1.43
GRAFTON	(G1/G2)	28	9	37	0.89
GRANTHAM	(G1/H1/I2)	17	4	21	0.78
GREENFIELD	(K)	32	7	39	1.48
GREENLAND	(M)	36	30	66	6.23
GREENVILLE	(K)	13	4	17	2.48
GROTON	(G1/G2)	20	2	22	0.54
HAMPSTEAD	(M)	16	11	27	2.02
HAMPTON	(M)	30	20	50	3.85

DEER KILL BY TOWN AND SEX DURING 2020, cont.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ. MI.
HAMPTON FALLS	(M)	21	14	35	2.90
HANCOCK	(H2/K)	32	7	39	1.31
HANOVER	(G1)	85	103	188	3.84
HARRISVILLE	(H2)	18	6	24	1.28
HART'S LOCATION	(E)	2	0	2	0.10
HAVERHILL	(D2W)	76	54	130	2.55
HEBRON	(G2)	6	2	8	0.48
HENNIKER	(I2/K)	46	8	54	1.29
HILL	(I1)	8	1	9	0.34
HILLSBOROUGH	(H2/I2/K)	39	5	44	1.02
HINSDALE	(H2)	35	15	50	2.45
HOLDERNESS	(F/G2/J1/J2)	11	5	16	0.53
HOLLIS	(M)	69	39	108	3.42
HOOKSETT	(K/L)	56	17	73	2.03
HOPKINTON	(I1/I2/K)	63	17	80	1.94
HUDSON	(M)	41	27	68	2.40
JACKSON	(E)	3	0	3	0.04
JAFFREY	(H2/K)	65	25	90	2.35
JEFFERSON	(C1/D1/E)	24	5	29	0.58
KEENE	(H2)	40	19	59	1.60
KENSINGTON	(M)	37	29	66	5.53
KINGSTON	(M)	42	28	70	3.59
LACONIA	(J2)	13	7	20	1.01
LANCASTER	(C1/D1)	30	21	51	1.02
LANDAFF	(D2E/D2W)	39	8	47	1.66
LANGDON	(H1/H2)	20	12	32	1.98
LEBANON	(G1/H1)	100	63	163	4.06
LEE	(L)	53	23	76	3.84
LEMPSTER	(H1/I2)	26	5	31	0.96
LINCOLN	(D2E/E/F)	2	0	2	0.02
LISBON	(D2W)	62	36	98	3.73
LITCHFIELD	(M)	15	10	25	1.69
LITTLETON	(D1/D2W)	37	12	49	0.98
LIVERMORE	(E/F)	1	0	1	0.02
LONDONDERRY	(M)	73	54	127	3.03
LOUDON	(J2)	99	45	144	3.13
LYMAN	(D2W)	39	22	61	2.15
LYME	(G1)	86	58	144	2.67
LYNDEBOROUGH	(K)	53	16	69	2.31
MADBURY	(L)	46	25	71	6.14
MADISON	(F/J1)	26	12	38	0.99
MANCHESTER	(K/L/M)	15	13	28	0.85
MARLBOROUGH	(H2)	36	11	47	2.30
MARLOW	(H1/H2/I2)	19	5	24	0.93
MASON	(K)	35	12	47	1.97
MEREDITH	(I1/J2)	49	18	67	1.67
MERRIMACK	(M)	73	68	141	4.37
MIDDLETON	(J2)	20	3	23	1.27
MILAN	(B/C1/C2)	16	5	21	0.33
MILFORD	(K/M)	35	25	60	2.38
MILLSFIELD	(A/B)	7	2	9	0.20

DEER KILL BY TOWN AND SEX DURING 2020, cont.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ. MI.
MILTON	(J2)	45	21	66	2.00
MONROE	(D2W)	41	25	66	2.95
MONT VERNON	(K)	19	12	31	1.85
MOULTONBORO	(J1/J2)	61	37	98	1.64
NASHUA	(M)	16	10	26	0.85
NELSON	(H2)	18	9	27	1.23
NEW BOSTON	(K)	92	65	157	3.68
NEW CASTLE	(M)	2	2	4	5.07
NEW DURHAM	(J2)	68	26	94	2.28
NEW HAMPTON	(G2/I1/J2)	44	13	57	1.55
NEW IPSWICH	(K)	51	15	66	2.03
NEW LONDON	(G1/I1/I2)	19	3	22	0.99
NEWBURY	(I2)	23	8	31	0.87
NEWFIELDS	(L)	26	14	40	5.64
NEWINGTON	(M)	53	48	101	12.39
NEWMARKET	(L)	51	30	81	6.42
NEWPORT	(H1/I2)	58	27	85	1.97
NEWTON	(M)	27	20	47	4.81
NORTH HAMPTON	(M)	53	43	96	6.93
NORTHFIELD	(I1/J2)	52	19	71	2.49
NORTHUMBERLAND	(B/C1/D1)	29	7	36	1.01
NORTHWOOD	(J2/L)	59	25	84	2.99
NOTTINGHAM	(L)	63	32	95	2.03
ODELL	(B)	1	0	1	0.02
ORANGE	(G1/G2)	9	1	10	0.43
ORFORD	(D2W/G1)	54	24	78	1.68
OSSIPEE	(J1)	66	15	81	1.15
PELHAM	(M)	52	37	89	3.43
PEMBROKE	(L)	36	31	67	2.99
PETERBOROUGH	(H2/K)	55	14	69	1.83
PIERMONT	(D2W)	38	15	53	1.37
PITTSBURG	(A)	83	35	118	0.42
PITTSFIELD	(J2)	47	27	74	3.12
PLAINFIELD	(H1)	84	51	135	2.59
PLAISTOW	(M)	18	7	25	2.37
PLYMOUTH	(F/G2)	16	3	19	0.68
PORTSMOUTH	(M)	25	30	55	3.52
RANDOLPH	(C1/E)	3	0	3	0.06
RAYMOND	(L/M)	42	26	68	2.36
RICHMOND	(H2)	47	12	59	1.57
RINDGE	(H2/K)	46	30	76	2.06
ROCHESTER	(J2/L)	73	49	122	2.76
ROLLINSFORD	(L)	45	14	59	8.07
ROXBURY	(H2)	14	4	18	1.50
RUMNEY	(F/G1/G2)	17	1	18	0.43
RYE	(M)	48	36	84	6.72
SALEM	(M)	33	29	62	2.51
SALISBURY	(I1)	34	4	38	0.97
SANBORNTON	(I1/J2)	46	11	57	1.20
SANDOWN	(M)	15	11	26	1.87
SANDWICH	(F/J1)	35	3	38	0.42

DEER KILL BY TOWN AND SEX DURING 2020, cont.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ. MI.
SEABROOK	(M)	12	7	19	2.14
SECOND COLL GRANT	(A)	1	0	1	0.02
SHARON	(K)	15	7	22	1.41
SHELBURNE	(C2/E)	8	2	10	0.21
SOMERSWORTH	(L)	8	7	15	1.54
SOUTH HAMPTON	(M)	24	15	39	4.95
SPRINGFIELD	(G1/I2)	26	5	31	0.71
STARK	(B/C1)	11	3	14	0.24
STEWARTSTOWN	(A)	29	15	44	0.95
STODDARD	(H2/I2)	34	4	38	0.75
STRAFFORD	(J2)	88	33	121	2.49
STRATFORD	(B)	15	4	19	0.24
STRATHAM	(L/M)	51	37	88	5.82
SUCCESS	(C2)	2	0	2	0.04
SUGAR HILL	(D1/D2W)	12	10	22	1.29
SULLIVAN	(H2)	21	6	27	1.46
SUNAPEE	(G1/I2)	21	11	32	1.53
SURRY	(H2)	12	3	15	0.97
SUTTON	(I1/I2)	28	5	33	0.78
SWANZEY	(H2)	69	30	99	2.22
TAMWORTH	(F/J1)	25	4	29	0.49
TEMPLE	(K)	24	10	34	1.53
THORNTON	(F)	27	2	29	0.58
TILTON	(I1/J2)	9	7	16	1.44
TROY	(H2)	31	18	49	2.81
TUFTONBORO	(J1/J2)	55	11	66	1.63
UNITY	(H1)	36	19	55	1.49
WAKEFIELD	(J1/J2)	62	20	82	2.08
WALPOLE	(H1/H2)	37	21	58	1.65
WARNER	(I1/I2)	39	8	47	0.86
WARREN	(D2E/D2W/F)	24	1	25	0.52
WASHINGTON	(I2)	36	9	45	0.99
WATERVILLE VALLEY	(E/F)	1	0	1	0.02
WEARE	(K)	80	41	121	2.14
WEBSTER	(I1)	42	10	52	1.87
WENTWORTH	(D2W/F/G1)	31	6	37	0.89
WENTWORTH'S LOCATION	(A/C2)	4	2	6	0.33
WESTMORELAND	(H2)	48	28	76	2.12
WHITEFIELD	(D1)	12	4	16	0.47
WILMOT	(G1/I1)	21	2	23	0.78
WILTON	(K)	34	15	49	1.93
WINCHESTER	(H2)	70	25	95	1.74
WINDHAM	(M)	33	23	56	2.10
WINDSOR	(I2)	8	0	8	0.97
WOLFEBORO	(J1/J2)	61	16	77	1.61
WOODSTOCK	(D2E/F)	13	0	13	0.22
TOTAL		**8800**	**4244**	**13044**	**1.46**

DEER KILL BY COUNTY, SEX, AND HUNTER RESIDENCY DURING 2020

Note: The total kill per square mile by county in the right column of this table is expressed on the basis of square miles of land area.

	NH RESIDENTS		NON-RESIDENTS		TOTAL		GRAND	TOTAL KILL
COUNTY	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL	PER SQ. MI.
BELKNAP	487	213	41	15	528	228	756	1.89
CARROLL	484	138	131	35	615	173	788	0.85
CHESHIRE	690	268	167	68	857	336	1193	1.69
COOS	318	138	100	25	418	163	581	0.32
GRAFTON	961	464	309	153	1270	617	1887	1.10
HILLSBOROUGH	1097	567	94	56	1191	623	1814	2.09
MERRIMACK	1076	430	49	17	1125	447	1572	1.70
ROCKINGHAM	1339	942	121	80	1460	1022	2482	3.58
STRAFFORD	659	350	94	39	753	389	1142	3.13
SULLIVAN	474	195	109	51	583	246	829	1.55
TOTAL	**7585**	**3705**	**1215**	**539**	**8800**	**4244**	**13044**	**1.46**

NUMBER AND PERCENTAGE OF DEER KILL BY SEX AND SEASON FOR 1987–2020

	MALE KILL AND % OF MALE KILL				FEMALE KILL AND % OF FEMALE KILL				TOTAL
YEAR	ARCHERY	YOUTH	MUZZLE.	FIREARM	ARCHERY	YOUTH	MUZZLE.	FIREARM	KILL
1987	138 (4%)	0 (0%)	445 (12%)	3201 (85%)	119 (5%)	0 (0%)	446 (19%)	1772 (76%)	6121
1988	119 (3%)	0 (0%)	659 (16%)	3462 (82%)	106 (6%)	0 (0%)	462 (25%)	1317 (70%)	6125
1989	248 (5%)	0 (0%)	814 (16%)	4061 (79%)	241 (11%)	0 (0%)	526 (25%)	1348 (64%)	7238
1990	238 (5%)	0 (0%)	817 (16%)	4118 (80%)	246 (9%)	0 (0%)	592 (22%)	1861 (69%)	7872
1991	353 (6%)	0 (0%)	889 (15%)	4686 (79%)	380 (13%)	0 (0%)	740 (26%)	1749 (61%)	8797
1992	592 (9%)	0 (0%)	1178 (18%)	4815 (73%)	610 (17%)	0 (0%)	1007 (28%)	2013 (55%)	10215
1993	441 (7%)	0 (0%)	1375 (21%)	4685 (72%)	437 (13%)	0 (0%)	994 (29%)	1957 (58%)	9889
1994	432 (8%)	0 (0%)	967 (17%)	4243 (75%)	469 (17%)	0 (0%)	975 (36%)	1293 (47%)	8379
1995	718 (10%)	0 (0%)	1474 (20%)	5208 (70%)	863 (23%)	0 (0%)	1364 (36%)	1580 (42%)	11207
1996	729 (11%)	0 (0%)	2015 (29%)	4152 (60%)	733 (21%)	0 (0%)	1203 (35%)	1531 (44%)	10363
1997	829 (11%)	0 (0%)	1841 (24%)	4915 (65%)	929 (22%)	0 (0%)	1201 (28%)	2085 (49%)	11800
1998	727 (12%)	0 (0%)	1653 (27%)	3840 (62%)	822 (23%)	0 (0%)	1471 (41%)	1272 (36%)	9785
1999	946 (14%)	41 (1%)	1803 (26%)	4029 (59%)	1035 (27%)	54 (1%)	1457 (38%)	1338 (34%)	10703
2000	968 (13%)	89 (1%)	1814 (24%)	4601 (62%)	1002 (30%)	104 (3%)	1095 (32%)	1186 (35%)	10859
2001	797 (12%)	84 (1%)	1631 (25%)	4035 (62%)	780 (30%)	119 (5%)	630 (24%)	1067 (41%)	9143
2002	925 (12%)	101 (1%)	1862 (24%)	4839 (63%)	929 (28%)	159 (5%)	1049 (31%)	1225 (36%)	11089
2003	882 (13%)	138 (2%)	1564 (24%)	3953 (60%)	959 (32%)	196 (7%)	766 (26%)	1034 (35%)	9492
2004	1001 (16%)	120 (2%)	1336 (21%)	4000 (62%)	1157 (31%)	192 (5%)	858 (23%)	1469 (40%)	10133
2005	910 (13%)	139 (2%)	1582 (22%)	4421 (63%)	1061 (30%)	187 (5%)	967 (27%)	1328 (37%)	10595
2006	1452 (19%)	301 (4%)	1605 (21%)	4470 (57%)	1526 (39%)	367 (9%)	879 (22%)	1166 (30%)	11766
2007	1765 (20%)	296 (3%)	1766 (20%)	4997 (57%)	2043 (43%)	346 (7%)	1021 (22%)	1325 (28%)	13559
2008	1219 (17%)	153 (2%)	1910 (27%)	3912 (54%)	1416 (38%)	188 (5%)	830 (22%)	1288 (35%)	10916
2009	1233 (18%)	139 (2%)	1628 (24%)	3772 (56%)	1445 (40%)	224 (6%)	770 (21%)	1173 (32%)	10384
2010	1023 (15%)	175 (3%)	1559 (23%)	4024 (59%)	961 (32%)	217 (7%)	660 (22%)	1140 (38%)	9759
2011	1371 (19%)	180 (2%)	1400 (19%)	4445 (60%)	1416 (38%)	295 (8%)	851 (23%)	1151 (31%)	11109
2012	1429 (19%)	148 (2%)	2069 (27%)	3882 (52%)	1722 (42%)	240 (6%)	963 (24%)	1159 (28%)	11612
2013	1830 (22%)	190 (2%)	1806 (22%)	4335 (53%)	2107 (48%)	293 (7%)	845 (19%)	1134 (26%)	12540
2014	1440 (19%)	197 (3%)	1842 (25%)	4037 (54%)	1701 (44%)	201 (5%)	823 (21%)	1154 (30%)	11395
2015	1401 (20%)	176 (3%)	1299 (19%)	4107 (59%)	1774 (45%)	215 (5%)	813 (21%)	1110 (28%)	10895
2016	1208 (17%)	111 (2%)	1690 (23%)	4292 (59%)	1379 (41%)	146 (4%)	750 (22%)	1089 (32%)	10665
2017	1474 (17%)	111 (1%)	1882 (22%)	4970 (59%)	1628 (42%)	159 (4%)	780 (20%)	1305 (34%)	12309
2018	1828 (20%)	160 (2%)	1758 (20%)	5206 (58%)	2134 (41%)	233 (5%)	947 (18%)	1847 (36%)	14113
2019	1759 (21%)	143 (2%)	2578 (31%)	3972 (47%)	1636 (42%)	143 (4%)	850 (22%)	1225 (32%)	12306
2020	1777 (20%)	132 (2%)	2241 (25%)	4650 (53%)	2008 (47%)	163 (4%)	925 (22%)	1148 (27%)	13044

BLACK BEAR

New Hampshire's 2020 bear season resulted in a total harvest of 1,183 bears, the highest harvest ever achieved in the state's history. This harvest level was 42% above the preceding 5-year average (836 bears) and 12% higher than the previous record of 1,053 set in 2018. The 2020 harvest level approximated 20% of the estimated statewide bear population (6,000) which was twice as high as that typically achieved (10-12%) during an average year. The increased harvest in 2020 was likely the result of several factors including concentrated food abundance, increased participation, and more liberal hunting seasons.

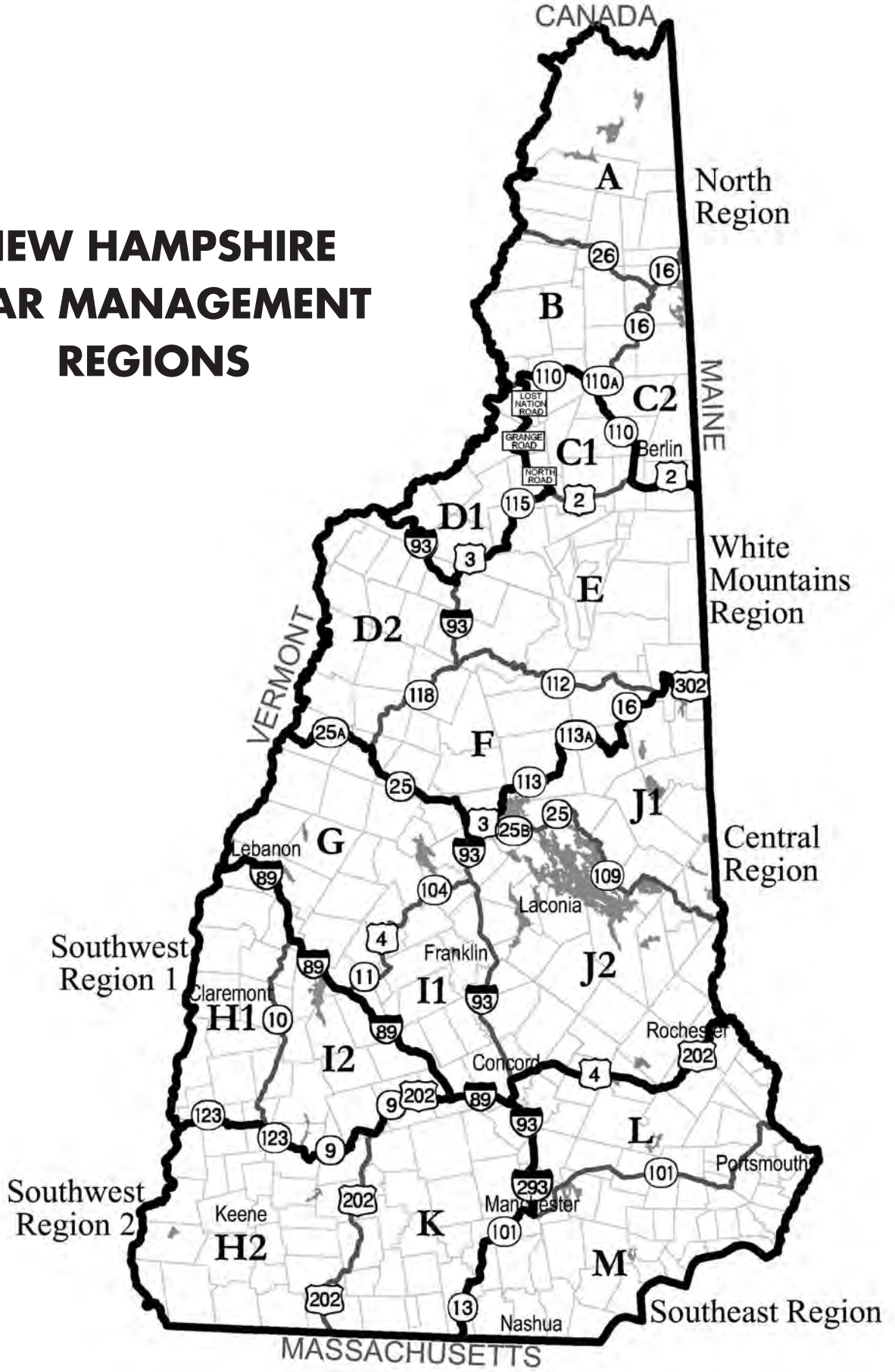
The annual bear harvest serves as the primary tool to regulate bear population growth, therefore the hunting season is structured to achieve a specific target harvest level. Desired harvest levels typically result in bear densities that are consistent with, or moving towards, bear population objectives in each of the state's six management regions. The Department's Game Management Plan was revised in 2015 and guides management actions through 2025; the continued focus under this plan will be to maintain bear populations at levels consistent with regional management objectives.

At the statewide level, the estimated New Hampshire bear population density (0.67 bears/mi2) is above objective (0.52 bears/mi2), therefore the required management action is to reduce the bear population by approximately 22% over the next 5 years. While this decrease will occur across five management regions, the most substantial reductions are slated for the Central and Southwest-2 Regions, where a decrease in bear density is required given continued human population growth. More recently, the bear population in the White Mountains Region was reduced to a level where it is now consistent with the goal (after a gradual and required reduction), therefore management actions reflect a desire to stabilize that population at its current level. Bear seasons have been liberalized during recent years in multiple regions in an effort to move regional populations toward formulated regional goals. This approach is having a positive impact and helping wildlife managers maintain these populations at socially desired levels.

Long-term bear harvest data clearly indicates that the annual vulnerability of bears to hunter harvest varies, often dramatically, due to the diverse production and distribution of natural foods from one year to the next. Mast surveys, which measure production of ten important bear foods, conducted by biologists, foresters, and select volunteers, indicated that fruit/nut production was below average for nearly all species (n=9) during 2020. Oak, mainly red oak, was the only species to produce an above average crop last fall. As a result, bears were concentrated in areas with abundant acorns, had more predictable feeding behavior, and thus were more susceptible to hunter harvest. Additionally, the lack of other foods caused bears to frequent bait sites at a high rate, which contributed to a record bait harvest in 2020. In addition to food-related impacts, hunter participation and extended bear hunting opportunity contributed to the increased harvest. Bear hunting license sales jumped 15% during 2020, likely a result of people having more time to hunt due to the pandemic. As previously noted, bear hunting seasons have been extended in multiple regions in an effort to reduce density or stabilize population growth.

Bear population management activities will continue to focus on maintaining regional bear densities at levels consistent with regional population management objectives as defined in the Department's Game Management Plan. Keeping population growth in check will help ensure that the state's bear population is consistent with public expectation and desire, held at a socially acceptable level, and appreciated by residents and visitors of the state.

NEW HAMPSHIRE BEAR MANAGEMENT REGIONS



REGIONAL BEAR POPULATION MANAGEMENT OBJECTIVES

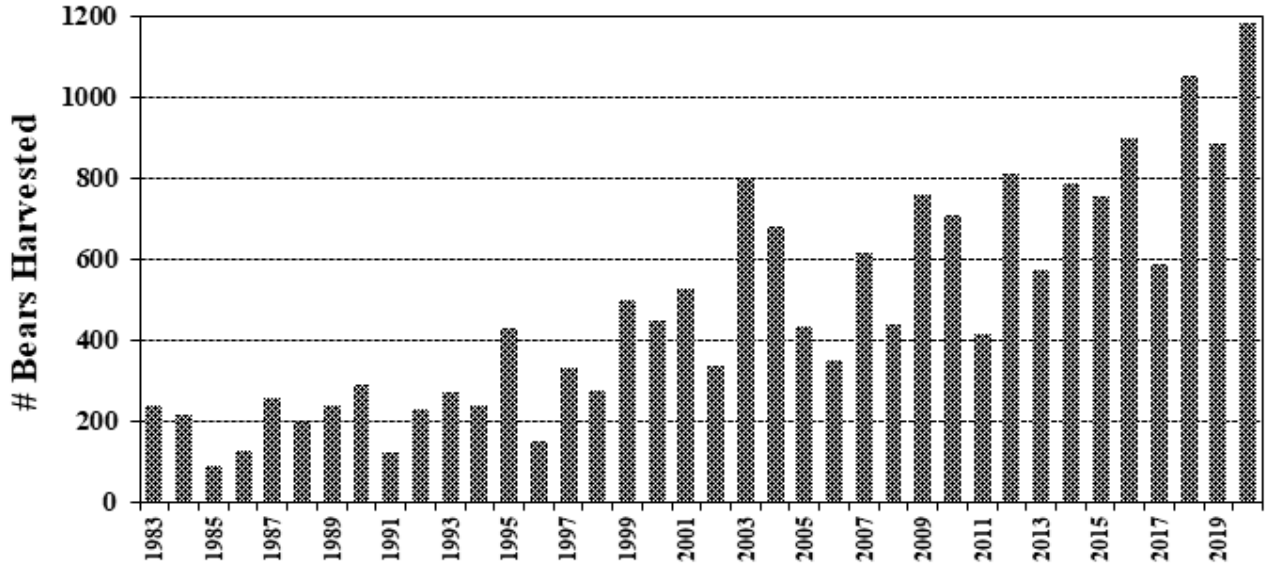
Black bear management decisions through 2025 will be based on our current Game Management Plan goals, derived through a detailed public input process. These population objectives and current status are summarized in the following table, where objectives and estimates are expressed in terms of density (bears per square mile).

REGION	2016–2025 OBJECTIVE	CURRENT LEVEL[1]	MANAGEMENT ACTION REQUIRED[2]
NORTH	0.6	0.77	Decrease
WHITE MOUNTAINS	0.8	0.81	Stabilize
CENTRAL	0.5	0.70	Decrease
SOUTHWEST-1	0.5	0.62	Decrease
SOUTHWEST-2	0.5	0.79	Decrease
SOUTHEAST	0.05	0.14	Decrease
STATEWIDE	**0.52**	**0.67**	**Decrease**

[1]2020 data were not available for inclusion in this estimate when this report was written.
[2]If the "Current Level" is ±12.5% of the 2016-2025 objective, no management action is considered necessary.

TOTAL BEAR HARVEST FOR THE 1983–2020 HUNTING SEASONS

Total bear harvest is the combined take of bait, hound, and still hunters. As illustrated in the graph below, bear harvest has increased notably during the past two decades. Periodic drops in harvest generally occur during abundant mast years. Such circumstances prompt less bear movement while foraging, which decreases the vulnerability of bears to hunting. The opposite is true during poor food years. Historic highs in bear harvest reflect: 1) a strong bear population in all management regions, 2) increasing interest and participation in bear hunting, 3) longer seasons due to more recent liberalization, and 4) changes in method-specific hunter effort, the growing popularity of hunting bears with bait, and to a lesser extent hounds, has resulted in higher hunter success rates thereby increasing harvest levels.



BEAR HARVEST BY METHOD (2001–2020)

A total of 1,183 bears were harvested during the 2020 season, which was 42% above the preceding 5-year average (836 bears) and 12% higher than the previous record of 1,053 set in 2018. Percent harvest by method in recent years has averaged 33% by still hunters, 54% by bait hunters, and 13% by hound hunters. During 2020, these rates deviated from previous levels with 27% by still hunters, 64% by bait hunters, and 9% by hound hunters. Continued increased participation in bait hunting has been evident for several years and has resulted in a declining percentage of the annual harvest taken via still hunting. This was evident during 2020 and was reflected in the record bait harvest achieved that year. Still hunting was the predominant bear hunting method in New Hampshire until approximately 2004; however, harvest percentage by this method has since declined.

The number of bears taken during the November deer season, which serves as an index to fall food abundance, varies on an annual basis and is affected by many factors. Fall food conditions and the corresponding impact on denning phenology likely had the greatest influence. However, season length and the degree of overlap between the bear and deer season do play a significant role. During strong food years, bears delay den entry and remain active later into fall, resulting in a greater percentage of bears being harvested during the deer season. Conversely, during poor food years bears den earlier and therefore are less vulnerable to opportunistic harvest by deer hunters. Statewide, 18% of the still hunter harvest occurred during the gun portion of the deer season in 2020, including 9% taken during both the muzzleloader and regular firearms deer seasons, respectively. This percentage was moderate, particularly when compared with that achieved in 2019 when 36% of the still hunter harvest occurred during this same period. This percentage was lower than expected given the abundant acorn crop in approximately two-thirds of the state last fall. Despite abundant acorns, this suggests that bears began entering dens during early November. Bear seasons have become more liberalized in recent years in an effort to curb population growth in select management regions. Of the six bear management regions, four were open to bear hunting during the muzzleloader season and two were open (for 20 days) during the regular firearms season.

	HUNTING METHOD			
YEAR	STILL	BAIT	HOUND	TOTAL
2001	295	169	63	527
2002	203	92	43	338
2003	462	274	67	803
2004	343	244	92	679
2005	190	179	65	434
2006	149	152	51	352
2007	277	278	60	615
2008	209	176	55	440
2009	295	372	91	758
2010	252	373	83	708
2011	155	193	70	418
2012	283	430	99	812
2013	164	309	99	572
2014	261	408	117	786
2015	265	379	110	754
2016	300	486	112	898
2017	158	322	107	587
2018	368	594	91	1053
2019	270	472	144	886
2020	314	756	113	1183

REGIONAL DISTRIBUTION OF BEAR HARVEST (2001–2020)

Regional harvest tallies were similar and highest in the Central and White Mountains Regions with 363 and 362 bears, respectively (31% each of statewide total). The North Region followed with 218 (18%) bears. This regional harvest distribution has remained consistent for the past several years and coincides well with current harvest objectives. During 2020, over half (62%) of the statewide harvest came from the Central and White Mountains Regions where the season structure was intended to focus additional harvest pressure, given the objective to reduce density. Regional harvest percentages for Southwest-1 and Southwest-2 (9% and 10%, respectively) remained consistent with recent averages (11% and 8%, respectively). Harvest in the Southeast remained low (<1%).

Annual differences in regional bear harvest distribution are generally caused by many factors including bear density, however the most significant factors appear related to regional differences in food abundance, hunter access, fluctuations in hunter effort, and the degree by which different hunting methods are employed from one region to the next.

	MANAGEMENT REGION						
YEAR	NORTH	WT-MTS	CENTRAL	S-WEST(1)	S-WEST(2)	S-EAST	TOTAL
2001	134	195	156	31	11	0	527
2002	65	101	124	38	7	3	338
2003	254	242	238	56	12	1	803
2004	158	227	177	88	27	2	679
2005	126	148	112	35	9	4	434
2006	65	108	99	49	23	8	352
2007	165	200	180	42	23	5	615
2008	113	136	137	35	18	1	440
2009	198	249	229	57	25	0	758
2010	183	233	227	52	13	0	708
2011	65	128	147	46	30	2	418
2012	185	229	264	76	57	1	812
2013	108	168	186	70	36	4	570
2014	160	234	268	62	56	6	786
2015	151	215	255	92	38	3	754
2016	164	282	293	89	69	1	898
2017	99	169	207	64	46	2	587
2018	198	300	326	109	111	9	1053
2019	143	266	298	98	74	7	886
2020	218	362	363	114	117	9	1183

BEAR HARVEST BY REGION, WMU, AND METHOD DURING 2020

This table summarizes the 2020 bear harvest by region, Wildlife Management Unit (WMU), and hunting method. The decision to manage on a regional rather than WMU basis is driven in part by the sample size of harvested bears necessary for reliable data analysis. At the individual WMU level, our samples are not large enough to allow for a meaningful assessment of local bear populations.

The popularity and impact of the different bear hunting methods varies regionally in New Hampshire. Regional bear hunting preferences are documented from harvest statistics and are a result of tradition, landscape, and access. Traditionally, bait hunting for bear was most popular in the North and White Mountains and less prevalent in the more southern management regions. However, increased participation in bear baiting has become more evident in all regions. Still hunting for bear tends to be the most prominent method of harvest in the southernmost regions, however that trend was not evident during 2020 (due to high bait harvest in all regions). While houndsmen account for the smallest percentage of the overall annual bear take, their harvest has become more notable in select regions and most widespread in the White Mountains and Central Regions.

		METHOD OF HARVEST			
REGION	**WMU**	**STILL**	**BAIT**	**HOUND**	**TOTAL**
	A	3	47	0	50
	B	14	29	4	47
NORTH	C2	7	10	9	26
	D1	26	64	5	95
	ALL	**50**	**150**	**18**	**218**
	C1	5	25	3	33
	D2	51	78	9	138
WHITE MTNS	E	11	70	23	104
	F	9	69	9	87
	ALL	**76**	**242**	**44**	**362**
	G	51	93	8	152
	I1	19	37	13	69
CENTRAL	J1	22	47	12	81
	J2	13	45	3	61
	ALL	**105**	**222**	**36**	**363**
	H1	23	23	10	56
SOUTHWEST-1	I2	11	42	5	58
	ALL	**34**	**65**	**15**	**114**
	H2	26	46	-	72
SOUTHWEST-2	K	19	26	-	45
	ALL	**45**	**72**	**-**	**117**
	L	2	3	-	5
SOUTHEAST	M	2	2	-	4
	ALL	**4**	**5**	**-**	**9**
STATEWIDE	**TOTAL**	**314**	**756**	**113**	**1183**

BEAR HARVEST SEX RATIOS (2001–2020)

Since 2001, the bear harvest sex ratio (HSR) has averaged 1.2 males per female (m:f). Higher mortality rates for males result in females being more abundant than males in our bear population, but this is rarely apparent in our harvest data. During poor mast years, female harvest tends to increase relative to male harvest, with the result being that females can approach or exceed males in the harvest (e.g., 2003, 2010). During years with average or abundant mast, males are more vulnerable than females to harvest and therefore account for a larger percentage of the harvest.

The HSR in 2020 of 1.1 m:f was slightly lower but generally consistent with the long-term average. This indicated that males continued to be more susceptible to harvest than females but that the female component of the population received moderate harvest pressure (as shown by an HSR below 1.3 m:f). In regions where the management goal is to lower the population, HSRs below 1.3 m:f appear to be advantageous in reducing density. Conversely, in regions where bear densities are at goal, HSRs heavier to males (1.4+ m:f) correspond well with population management objectives in those areas.

YEAR	FEMALE	MALE	UNKNOWN	MALE : FEMALE RATIO	TOTAL
2001	223	304	0	1.4	527
2002	141	197	0	1.4	338
2003	420	383	0	0.9	803
2004	313	366	0	1.2	679
2005	190	244	0	1.3	434
2006	139	213	0	1.5	352
2007	262	353	0	1.3	615
2008	192	248	0	1.3	440
2009	344	414	0	1.2	758
2010	345	363	0	1.1	708
2011	172	246	0	1.4	418
2012	376	436	0	1.2	812
2013	231	341	0	1.5	572
2014	357	429	0	1.2	786
2015	314	440	0	1.4	754
2016	417	481	0	1.2	898
2017	270	317	0	1.2	587
2018	508	545	0	1.1	1053
2019	410	476	0	1.2	886
2020	575	608	0	1.1	1183

BEAR HARVEST BY METHOD AND SEX DURING 2020

Harvest sex ratios (HSR) play a role in management decision-making due to the impact that female harvest has on bear populations. HSRs in New Hampshire vary slightly by year but often vary substantially between hunting methods. Bait and still hunters typically harvest more males than females and hound hunters generally take more females than males. This is seemingly due to more extensive movements by males that predispose them to increased harvest (and other mortality); however, hunter selectivity does play a significant role. During 2020, still hunters harvested more males than females while bait hunters took a similar number of each. Hound hunters harvested a greater number of females.

METHOD	FEMALE	MALE	MALE : FEMALE RATIO	TOTAL
STILL	143	171	1.2	314
BAIT	372	384	1.0	756
HOUND	60	53	0.9	113
TOTAL	**575**	**608**	**1.1**	**1183**

BEAR HARVEST BY REGION AND SEX DURING 2020

Harvest sex ratios (HSRs) in 4 of 6 regions were generally consistent with or greater than New Hampshire's long-term statewide average of 1.2 males per female (2001-2019) reflecting greater harvest vulnerability of males. The lower HSR in the North was likely the result of poor food availability in that region (very little oak). When food abundance is low, differential vulnerability is often masked, and females become equally as vulnerable to harvest as males. Annual and regional variation in HSRs are expected, hence the importance of monitoring trend data over time.

Multiple factors influence HSRs across management regions and from one year to the next. Food condition, and the resulting impact on differential vulnerability to harvest between sexes can vary by region in any given year. Other factors, including the age and sex structure of the population, the preferred method of harvest in a given region, and hunter selectivity can also influence HSRs at the local level.

REGION	FEMALE	MALE	MALE : FEMALE RATIO	TOTAL
NORTH	124	94	0.8	218
WHITE MTN	171	191	1.1	362
CENTRAL	172	191	1.1	363
SOUTHWEST-1	45	69	1.5	114
SOUTHWEST-2	60	57	1.0	117
SOUTHEAST	3	6	2.0	9
TOTAL	**575**	**608**	**1.1**	**1183**

AVERAGE AGE OF HARVESTED BEARS (2007–2019)

Age data derived from premolars collected during bear registration are the backbone of New Hampshire's bear management program. We use harvest sex and age data to estimate sex-specific harvest rates. Knowing these rates allows us to back-calculate a statewide population estimate from annual harvest data. Regional sighting rates derived from hunter surveys, coupled with knowledge of the amount of bear habitat in each management region, allows us to partition the population across six management regions. The New Hampshire bear management recipe is quite complex and places heavy reliance on bear age and sex data.

AVERAGE AGE IN YEARS OF HARVESTED BLACK BEARS (2007-2019*)

	YEARS												
SEX	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
FEMALES	5.6	5.3	5.3	5.6	5.4	5.1	5.2	5.4	5.5	5.3	5.6	5.0	6.1
MALES	3.1	3.8	3.4	3.4	4.6	3.2	4.2	3.6	4.0	3.3	4.2	3.1	4.3

*2020 age data were not available for inclusion in this report at the time of printing.

NEW HAMPSHIRE HEAVYWEIGHTS

The following table summarizes record weights (actual dressed weights) for black bears harvested in New Hampshire through 2020. It is important to note that not all harvested bears are weighed. However, it is likely that a high percentage of large bears are weighed due to hunter interest. The heaviest bear taken in 2020 was a male that weighed 504 pounds, taken in WMU F in the town of Waterville Valley. Also noteworthy was a sow taken in Conway (WMU E) that weighed 305 pounds. Although these large sows do not make the top ten list, they represent impressive New Hampshire bruins nonetheless.

ELEVEN* HEAVIEST BEARS HARVESTED IN NEW HAMPSHIRE**

RANK	WEIGHT	AGE	METHOD	WMU	TOWN	YEAR
1	552	9.5	HOUND	F	WARREN	2007
2	540	12.5	BAIT	C2	SHELBURNE	2010
3	535	11.5	HOUND	J1	WOLFEBORO	2016
4	532	N/A	STILL	D1	BETHLEHEM	2005
5	520	17.5	HOUND	J1	TAMWORTH	2014
6	505	20.5	HOUND	J1	WOLFEBORO	2017
7	504	-	BAIT	F	WATERVILLE VALLEY	2020
8	494	17.5	HOUND	E	BARTLETT	1997
8	494	10.5	HOUND	J1	SANDWICH	2001
8	494	12.5	HOUND	D1	BETHLEHEM	2002
8	494	N/A	BAIT	C2	SHELBURNE	2015

*All the bears in this table are male.
**Typically this list included the top ten bears. Eleven bears have been included because 4 bears are tied in the 8th position.

BEAR HARVEST BY TOWN, WMU, AND SEX DURING 2020

The following table summarizes the 2020 bear harvest by town. Towns where no bears were killed are excluded from this table.

TOWN	WMUs IN TOWN	FEMALE	MALE	TOTAL
ACWORTH	H1	2	8	10
ALBANY	E/F/J1	6	7	13
ALEXANDRIA	G/I1	4	6	10
ALSTEAD	H1/H2	2	1	3
ALTON	J2	2	5	7
AMHERST	K/M	1	1	2
ANDOVER	G/I1	7	3	10
ANTRIM	H2/I2/K	6	5	11
ASHLAND	F/G/J2	1	0	1
ATKINSON & GIL. AC. GR.	A	1	0	1
BARNSTEAD	J2	2	1	3
BARTLETT	E	6	12	18
BATH	D2	6	10	16
BEDFORD	K/L/M	1	2	3
BELMONT	J2	0	1	1
BENNINGTON	H2/K	3	3	6
BENTON	D2	3	4	7
BERLIN	C1/C2	4	3	7
BETHLEHEM	D1/D2/E	5	8	13
BOSCAWEN	I1	2	7	9
BOW	I1/K/L	1	0	1
BRADFORD	I2	3	2	5
BRIDGEWATER	G	4	0	4
BRISTOL	G/I1	1	3	4
BROOKFIELD	J1/J2	2	5	4
BROOKLINE	K/M	0	1	1
CAMBRIDGE	B/C2	0	1	1
CAMPTON	F	9	6	15
CANAAN	G	6	8	14
CANDIA	L/M	0	1	1
CANTERBURY	I1/J2	1	3	4
CARROLL	D1/E	5	6	11
CENTER HARBOR	J1/J2	0	2	2
CHARLESTOWN	H1	1	4	5
CHATHAM	E	4	15	19
CHESTERFIELD	H2	3	2	5
CLARKSVILLE	A	2	3	5
COLEBROOK	A/B	5	5	10
COLUMBIA	B	8	10	18
CONWAY	E/F/J1	9	7	16
CRAWFORD'S PURCHASE	E	0	2	2
CROYDON	H1/I2	3	7	10
DALTON	D1	6	5	11
DANBURY	G/I1	6	6	12
DEERFIELD	L	0	2	2
DEERING	K	1	0	1
DIXVILLE	A/B	1	0	1
DORCHESTER	G	3	0	3
DUBLIN	H2	0	1	1
DUMMER	B/C1/C2	1	1	2
DUNBARTON	K	1	1	2
EASTON	D2	4	0	4
EATON	J1	2	1	3
EFFINGHAM	J1	3	4	7
ELLSWORTH	F	1	4	5
ENFIELD	G/H1	2	2	4
ERROL	A/B/C2	1	1	2
FARMINGTON	J2	0	2	2

BEAR HARVEST BY TOWN, WMU, AND SEX DURING 2020, cont.

TOWN	WMUs IN TOWN	FEMALE	MALE	TOTAL
FITZWILLIAM	H2	1	1	2
FRANCESTOWN	K	3	0	3
FRANCONIA	D1/D2/E	2	2	4
FRANKLIN	I1	2	0	2
FREEDOM	J1	0	2	2
GILFORD	J2	1	2	3
GILMANTON	J2	2	3	5
GILSUM	H2	1	0	1
GOFFSTOWN	K	1	0	1
GORHAM	C1/C2/E	4	2	6
GOSHEN	H1/I2	1	2	3
GRAFTON	G	8	6	14
GRANTHAM	G/H1/I2	1	1	2
GROTON	G	3	0	3
HANCOCK	H2/K	2	2	4
HANOVER	G	4	4	8
HARRISVILLE	H2	1	0	1
HART'S LOCATION	E	3	1	4
HAVERHILL	D2	14	10	24
HEBRON	G	4	3	7
HENNIKER	I2/K	2	4	6
HILL	I1	5	3	8
HILLSBOROUGH	H2/I2/K	5	6	11
HINSDALE	H2	0	1	1
HOLDERNESS	F/G/J1/J2	2	4	6
HOOKSETT	K/L	0	1	1
HOPKINTON	I1/I2/K	5	6	11
JACKSON	E	4	9	13
JAFFREY	H2/K	2	1	3
JEFFERSON	C1/D1/E	14	10	24
LACONIA	J2	0	3	3
LANCASTER	C1/D1	12	15	27
LANDAFF	D2	4	5	9
LANGDON	H1/H2	1	3	4
LEBANON	G/H1	1	1	2
LEE	L	1	0	1
LEMPSTER	H1/I2	5	2	7
LINCOLN	D2/E/F	1	4	5
LISBON	D2	5	5	10
LITTLETON	D1/D2	10	2	12
LIVERMORE	E	0	3	3
LYMAN	D2	3	5	8
LYME	G	9	13	22
LYNDEBOROUGH	K	2	1	3
MADISON	F/J1	1	2	3
MARLBOROUGH	H2	1	0	1
MARLOW	H1/H2/I2	1	2	3
MEREDITH	I1/J2	3	1	4
MERRIMACK	M	1	0	1
MIDDLETON	J2	1	2	3
MILAN	B/C1/C2	4	3	7
MILLSFIELD	A/B	2	0	2
MONROE	D2	1	7	8
MONT VERNON	K	2	2	4
MOULTONBORO	J1/J2	2	6	8
NELSON	H2	1	0	1
NEW BOSTON	K	1	0	1
NEW DURHAM	J2	2	2	4
NEW HAMPTON	G/I1/J2	2	5	7
NEW IPSWICH	K	0	3	3
NEW LONDON	G/I1/I2	1	2	3

BEAR HARVEST BY TOWN, WMU, AND SEX DURING 2020, cont.

TOWN	WMUs IN TOWN	FEMALE	MALE	TOTAL
NEWBURY	I2	2	3	5
NEWPORT	H1/I2	4	0	4
NORTHFIELD	I1/J2	0	1	1
NORTHUMBERLAND	B/C1/D1	19	7	26
ORANGE	G	3	3	6
ORFORD	D2/G	12	9	21
OSSIPEE	J1	10	10	20
PEMBROKE	L	0	1	1
PIERMONT	D2	6	11	17
PITTSBURG	A	10	5	15
PLAINFIELD	H1	2	5	7
PLYMOUTH	F/G	6	6	12
RANDOLPH	C1/E	1	0	1
RUMNEY	F/G	7	4	11
SALISBURY	I1	3	3	6
SANBORNTON	I1/J2	5	8	13
SANDWICH	F/J1	11	15	26
SHELBURNE	C2/E	10	3	13
SPRINGFIELD	G/I2	8	5	13
STARK	B/C1	4	2	6
STEWARTSTOWN	A	9	8	17
STODDARD	H2/I2	5	4	9
STRAFFORD	J2	0	2	2
STRATFORD	B	6	9	15
SUCCESS	C2	2	0	2
SUGAR HILL	D1/D2	5	1	6
SULLIVAN	H2	6	2	8
SUNAPEE	G/I2	1	1	2
SURRY	H2	2	1	3
SUTTON	I1/I2	1	0	1
SWANZEY	H2	2	1	3
TAMWORTH	F/J1	4	7	11
THOMPSON & MES. PUR.	E	0	1	1
THORNTON	F	6	2	8
TILTON	I1/J2	1	1	2
TUFTONBORO	J1/J2	6	3	9
UNITY	H1	0	1	1
WAKEFIELD	J1/J2	1	3	4
WALPOLE	H1/H2	2	10	12
WARNER	I1/I2	4	0	4
WARREN	D2/F	8	12	20
WASHINGTON	I2	3	11	14
WATERVILLE VALLEY	E/F	0	2	2
WEARE	K	4	2	6
WEBSTER	I1	4	3	7
WENTWORTH	D2/F/G	10	1	11
WENTWORTH'S LOCATION	A/C2	1	1	2
WESTMORELAND	H2	3	3	6
WHITEFIELD	D1	8	2	10
WILMOT	G/I1	1	2	3
WINCHESTER	H2	1	2	3
WINDSOR	I2	1	0	1
WOLFEBORO	J1/J2	2	5	7
WOODSTOCK	D2/F	2	5	7
TOTAL		**575**	**608**	**1183**

MOOSE

The 2020 moose hunting season ran from Saturday, October 17 to Sunday, October 25, and 52 either-sex moose permits were distributed. This included 49 permits issued through the 2020 lottery, one deferred 2019 permit, and one permit each donated to the Wildlife Heritage Foundation of New Hampshire (WHF) and the Dream Hunt Program (DHP). Hunters took 39 moose with a statewide success rate of 75%.

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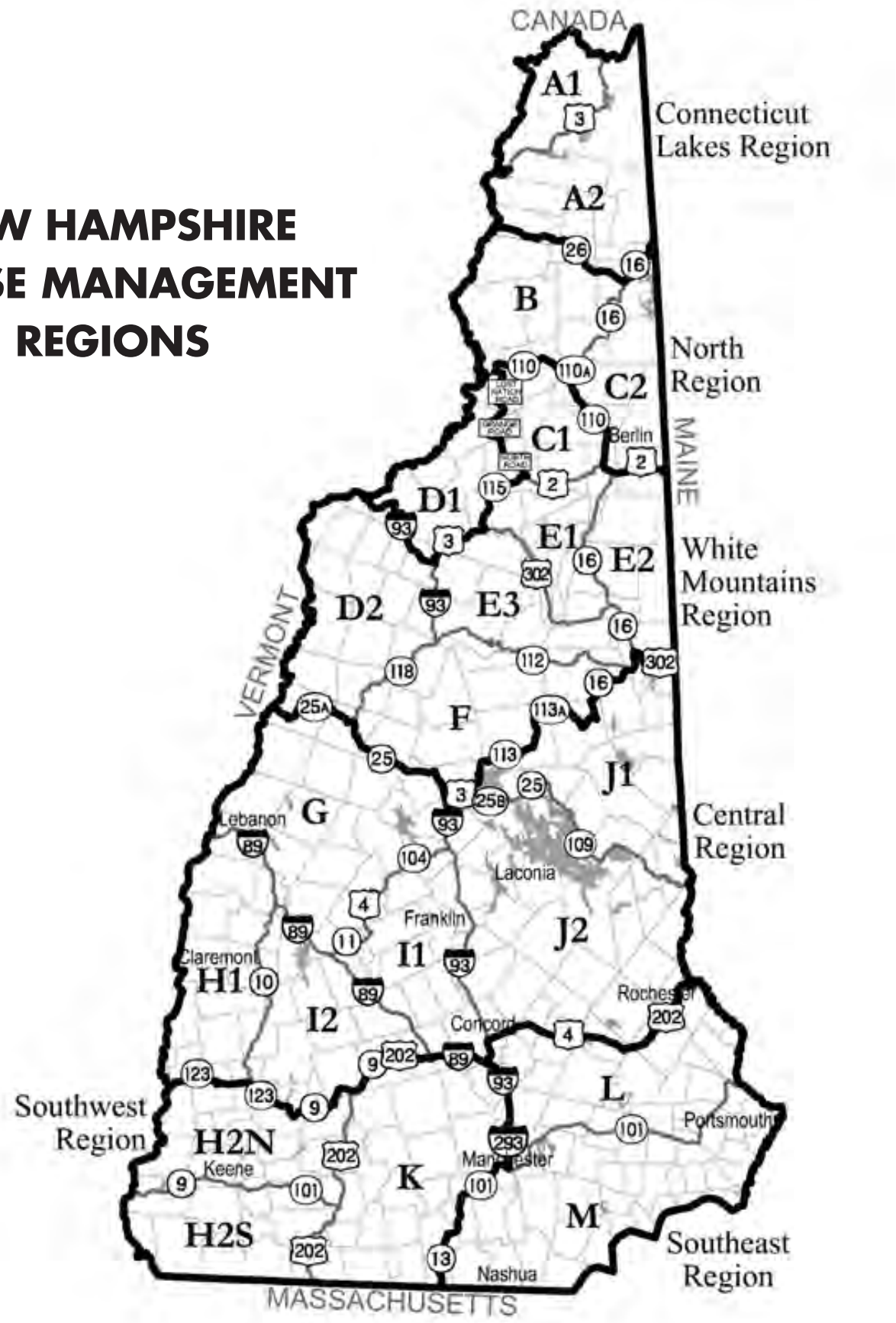
The 75% statewide success rate was similar to last year (76%) and the long-term average. With so few permits issued in each region, success rates are variable and comparing them over time is now more interesting than instructive with regard to moose management. All regional success rates were within the recent range of values. The Ct. Lakes and North Regions saw 100% and 82% success rates, respectively, while all regions from the White Mountains and south were 30-67%.

Twenty-three (23) adult bulls, 3 yearling bulls, and 10 cows were taken statewide. This represents approximately 1% of the standing population. In contrast, vehicle kills of moose equal about 3% of the moose population. Overall, this represents a conservative harvest strategy designed to allow the population to grow provided moose are healthy.

Successful hunters traveled from all over New Hampshire and seven other states, with the most distant being Wisconsin. Thirty-two (32) residents and 7 non-residents filled their permits. Permittees were the primary shooter in 30 instances and sub-permittees in 9. Sixty-two (62) percent of all moose were taken in the first three days of the season, and 67% of hunters took their animal prior to 10:00 a.m. Hunters used rifle (37), shotgun (1), and bow and arrow (1) to take their moose. The 30-06, 308, and 300 remained the most popular rifle calibers used.

The heaviest bull was taken by Maryland resident Christina Gregor, part of a family team that worked hard on every aspect of the hunt. The bull weighed 850 lbs. dressed, had an antler spread of 52.5 inches, and was taken in Unit C2 on October 22. The heaviest cow weighed 700 pounds dressed and was taken by New Hampshire resident Jeff Grover in Unit B on October 21. The largest spread of 54.5 inches was on a bull taken by Virginia resident William Nickel on October 17 in Unit B. This animal had a dressed weight of 755 pounds. Robert Frasier of Moultonborough, as our oldest hunter, took a 400 pound (dressed) cow in Unit A2. Jessica Covey of Canaan, VT, was the youngest hunter and she hunted hard with her grandmother (permittee) to take a 550 pound (dressed) cow in Unit A2. Congratulations to all who participated in the 2020 hunt and made fond memories sure to last a lifetime!

NEW HAMPSHIRE MOOSE MANAGEMENT REGIONS



NH MOOSE POPULATION MANAGEMENT GOALS BY REGION EXPRESSED AS MOOSE PER SQUARE MILE

REGION	RECOMMENDED GOAL	CURRENT LEVEL*
CT. LAKES	2.24	1.62
NORTH	1.28	0.62
WHITE MOUNTAINS	0.47	0.41
CENTRAL	0.25	0.20
S. WEST	0.23	0.18
S. EAST	0.10	0.08

*Moose/mi^2 estimated from moose seen per 100 hunter hours during the deer hunter mail survey, 2019-2020.

SUMMARY OF NH MOOSE LOTTERY AND HARVEST

YEAR	TOTAL PAID APPLICATIONS	TOTAL PERMITS DRAWN (ISSUED)*	RESIDENT ODDS OF BEING DRAWN	STATEWIDE HARVEST				PERCENT CALVES & COWS	HUNTER SUCCESS RATE
				BULLS	COWS	CALFS	TOTAL		
1989	5,504	75 (75)	1 IN 71	33	22	4	59	44%	79%
1990	5,707	75 (75)	1 IN 72	39	11	3	53	26%	71%
1991	5,122	100 (100)	1 IN 49	64	21	4	89	28%	89%
1992	8,702	190 (190)	1 IN 45	117	48	7	172	32%	91%
1993	10,044	317 (317)	1 IN 30	188	79	14	281	33%	89%
1994	11,572	405 (405)	1 IN 27	204	84	17	305	33%	75%
1995	14,150	495 (495)	1 IN 26	256	104	24	384	33%	78%
1996	14,398	495 (493)	1 IN 26	257	97	20	374	31%	76%
1997	15,161	570 (569)	1 IN 23	248	152	28	428	42%	75%
1998	15,942	570 (569)	1 IN 25	235	139	33	407	42%	72%
1999	13,090	570 (570)	1 IN 20	227	155	24	406	44%	71%
2000	13,984	585 (581)	1 IN 20	225	138	15	378	40%	65%
2001	14,943	585 (584)	1 IN 20	250	144	25	419	40%	72%
2002	14,888	485 (484)	1 IN 23	209	127	19	355	41%	73%
2003	14,402	485 (482)	1 IN 23	236	118	8	362	35%	75%
2004	15,505	525 (522)	1 IN 23	280	96	12	388	28%	74%
2005	15,837	525 (526)	1 IN 24	269	125	14	408	34%	78%
2006	16,344	675 (673)	1 IN 18	268	157	24	449	40%	67%
2007	16,779	675 (678)	1 IN 18	310	148	24	482	36%	71%
2008	16,144	515 (516)	1 IN 22	180	132	21	333	46%	65%
2009	15,723	515 (521)	1 IN 22	180	130	23	341	45%	65%
2010	15,229	395 (399)	1 IN 27	200	93	9	302	34%	76%
2011	15,007	395 (408)	1 IN 26	191	89	10	290	26%	71%
2012	14,776	275 (281)	1 IN 36	101	66	12	179	27%	64%
2013	13,187	275 (280)	1 IN 35	91	73	16	180	49%	64%
2014	11,986	124 (128)	1 IN 59	56	31	4	91	38%	72%
2015	11,056	105 (108)	1 IN 63	46	27	1	74	38%	69%
2016	9,590	71 (72)	1 IN 75	45	7	0	52	13%	72%
2017	8,261	51 (54)	1 IN 87	25	11	1	37	32%	69%
2018	6,142	51 (53)	1 IN 76	34	6	1	41	17%	77%
2019	7,108	49 (50)	1 IN 77	31	7	0	38	18%	76%
2020	7,217	49 (52)	1 IN 80	29	10	0	39	26%	75%

*Permits issued may differ from permits drawn due to failure of permittees to meet eligibility requirements, medical or military deferments, and permits issued through the Dream Hunt and Wildlife Heritage Foundation programs.

PERMITS ISSUED, HARVEST SUCCESS RATE, AND HARVEST PER SQUARE MILE OF MOOSE HABITAT FOR THE 2020 MOOSE HUNT BY MANAGEMENT REGION AND WMU

REGION	WMU	EITHER SEX PERMITS ISSUED	ANTERLESS ONLY PERMITS ISSUED	TOTAL PERMITS ISSUED	TOTAL HARVEST	SUCCESS RATE	HARVEST PER SQ. MILE
CT. LAKE	A1	2	0	2	2	100%	0.01
	A2	9	0	9	9	100%	0.02
	ALL	**11**	**0**	**11**	**11**	**100%**	**0.02**
NORTH	B	6	0	6	6	100%	0.02
	C2	6	0	6	5	83%	0.02
	D1	5	0	5	3	60%	0.01
	ALL	**17**	**0**	**17**	**14**	**82%**	**0.02**
WHITE MTN.	C1	3	0	3	3	100%	0.02
	D2	2	0	2	1	50%	<0.01
	E1	1	0	1	0	0%	0
	E2	1	0	1	1	100%	<0.01
	E3	1	0	1	0	0%	0
	F	2	0	2	1	50%	<0.01
	ALL	**10**	**0**	**10**	**6**	**60%**	**<0.01**
CENTRAL	G	1	0	1	1	100%	<0.01
	H1	1	0	1	0	0%	0
	I1	1	0	1	1	100%	<0.01
	I2	1	0	1	1	100%	<0.01
	J1	1	0	1	1	100%	<0.01
	J2	1	0	1	0	0%	0
	ALL	**6**	**0**	**6**	**4**	**67%**	**<0.01**
S. WEST	H2N	1	0	1	0	0%	0
	H2S	1	0	1	0	0%	0
	K	1	0	1	1	100%	<0.01
	ALL	**3**	**0**	**3**	**1**	**33%**	**<0.01**
S. EAST	L	3	0	3	2	67%	<0.01
	M	2	0	2	1	50%	<0.01
	ALL	**5**	**0**	**5**	**3**	**60%**	**<0.01**
ALL	**ALL**	**52**	**0**	**52**	**39**	**75%**	**<0.01**

METHODS OF HARVEST USED BY SUCCESSFUL HUNTERS DURING THE 2020 MOOSE HUNT

METHOD	# OF HUNTERS	% OF HUNTERS
ARCHERY	1	2.56%
HANDGUN	0	0.00%
MUZZLELOADER	0	0.00%
RIFLE	37	94.87%
SHOTGUN	1	2.56%
UNKNOWN	0	0.00%
TOTALS	**39**	**100.00%**

AGE AND SEX OF THE 2020 MOOSE HARVEST BY MANAGEMENT REGION AND WMU

REGION	WMU	BULLS AGE 2.5+	BULLS AGE 1.5	COWS AGE 2.5+	COWS AGE 1.5	CALVES	TOTAL	% COWS & CALVES	% BULLS AGE 2.5+
CT. LAKE	A1	1	0	1	0	0	2	50%	50%
	A2	5	0	2	2	0	9	44%	66%
	ALL	**6**	**0**	**3**	**2**	**0**	**11**	**45%**	**55%**
NORTH	B	3	1	1	1	0	6	33%	50%
	C2	5	0	0	0	0	5	0%	100%
	D1	3	0	0	0	0	3	0%	100%
	ALL	**11**	**1**	**1**	**1**	**0**	**14**	**14%**	**79%**
WHITE MTN.	C1	3	0	0	0	0	3	0%	100%
	D2	0	1	0	0	0	1	0%	0%
	E1	0	0	0	0	0	0	N/A	N/A
	E2	0	0	1	0	0	1	100%	0%
	E3	0	0	0	0	0	0	N/A	N/A
	F	0	0	0	1	0	1	100%	0%
	ALL	**3**	**1**	**1**	**1**	**0**	**6**	**33%**	**50%**
CENTRAL	G	1	0	0	0	0	1	0%	100%
	H1	0	0	0	0	0	0	N/A	N/A
	I1	1	0	0	0	0	1	0%	100%
	I2	1	0	0	0	0	1	0%	100%
	J1	1	0	0	0	0	1	0%	100%
	J2	0	0	0	0	0	0	N/A	N/A
	ALL	**4**	**0**	**0**	**0**	**0**	**4**	**0%**	**100%**
S. WEST	H2N	0	0	0	0	0	0	N/A	N/A
	H2S	0	0	0	0	0	0	N/A	N/A
	K	1	0	0	0	0	1	0%	100%
	ALL	**1**	**0**	**0**	**0**	**0**	**1**	**0%**	**100%**
S. EAST	L	1	1	0	0	0	2	0%	50%
	M	0	0	1	0	0	0	100%	0%
	ALL	**1**	**1**	**1**	**0**	**0**	**3**	**33%**	**33%**
ALL	**ALL**	**26**	**3**	**6**	**4**	**0**	**39**	**26%**	**67%**

SUMMARY OF APPLICATIONS AND PERMITS DRAWN BASED UPON POINT STANDINGS FOR THE 2020 NH MOOSE LOTTERY

POINTS	RESIDENTS			NON-RESIDENTS			OVERALL		
	APPS.*	PERMITS DRAWN	PERCENTAGE OF PERMITS	APPS.*	PERMITS DRAWN	PERCENTAGE OF PERMITS	APPS.*	PERMITS DRAWN	PERCENTAGE OF PERMITS
1	941	0	0.00%	637	0	0.00%	1578	0	0.00%
2	359	2	4.88%	239	0	0.00%	598	2	4.08%
3	183	2	4.88%	181	0	0.00%	364	2	4.08%
4	157	3	7.32%	132	0	0.00%	289	3	6.12%
5	131	1	2.44%	148	1	12.50%	279	2	4.08%
6	131	1	2.44%	119	0	0.00%	250	1	2.04%
7	111	0	0.00%	116	0	0.00%	227	0	0.00%
8	131	2	4.88%	108	0	0.00%	239	2	4.08%
9	113	5	12.20%	102	0	0.00%	215	5	10.20%
10	127	2	4.88%	133	0	0.00%	260	2	4.08%
11	127	36	14.63%	98	0	0.00%	225	6	12.24%
12	103	2	4.88%	80	1	12.50%	183	3	6.12%
13	85	3	7.32%	81	1	12.50%	166	4	8.16%
14	76	0	0.00%	85	1	12.50%	161	1	2.04%
15	73	1	2.44%	119	0	0.00%	192	1	2.04%
16	74	0	0.00%	81	2	25.00%	155	2	4.08%
17	339	11	26.83%	293	2	25.00%	632	13	26.53%
ALL	**3,261**	**41**	**100.00%**	**2,752**	**8**	**100.00%**	**6,013**	**49**	**100.00%**

*Excludes “point only” applications.

SUMMARY OF MOOSE PHYSICAL CHARACTERISTICS FROM THE 2020 MOOSE HARVEST BY MANAGEMENT REGION AND AGE

REGION	AGE IN YEARS	BULLS						COWS	
		MEAN ABD[1]	MAXIMUM ABD[1]	MEAN SPREAD[2]	MAXIMUM SPREAD[2]	MEAN WEIGHT	MAXIMUM WEIGHT	MEAN WEIGHT	MAXIMUM WEIGHT
CT. LAKE	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	N/A	N/A	N/A	N/A	N/A	N/A	400	400
	2.5-4.5	44.8	50	33	38.5	659	730	425	550
	5.5+	54	54	51.5	51.5	756	756	560	560
NORTH	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	30	30	24	24	500	500	475	475
	2.5-4.5	44.6	53	37.3	54.5	615	755	700	700
	5.5+	57	60	53.4	54.25	775	850	N/A	N/A
WHITE MTN.	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	22	22	14.5	14.5	460	460	400	400
	2.5-4.5	42.5	43	38.1	39.25	650	650	475	475
	5.5+	49	49	45.5	45.5	675	675	N/A	N/A
CENTRAL	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2.5-4.5	37	37	31	31	450	450	N/A	N/A
	5.5+	48	55	41.5	48	682	780	N/A	N/A
S. WEST	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2.5-4.5	45	45	32	32	560	560	N/A	N/A
	5.5+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S. EAST	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	24	24	N/A	N/A	N/A	N/A	N/A	N/A
	2.5-4.5	32	32	25.3	25.25	490	490	695	695
	5.5+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[1]ABD is antler beam diameter measured in mm.
[2]Spread is measured by the Department as the furthest distance between two legal tines in inches.

TEN-YEAR MOOSE HUNTER SUCCESS RATES BY MANAGEMENT REGION AND WMU

REGION	WMU	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	MEAN
CT. LAKE	A1	76%	60%	80%	75%	50%	100%	100%	50%	100%	100%	79%
	A2	84%	83%	72%	82%	75%	89%	75%	100%	100%	100%	86%
	ALL	**82%**	**80%**	**74%**	**81%**	**70%**	**91%**	**80%**	**90%**	**100%**	**100%**	**85%**
NORTH	B	75%	90%	85%	100%	79%	90%	100%	100%	100%	100%	92%
	C2	83%	81%	85%	80%	100%	89%	60%	100%	80%	83%	84%
	D1	50%	60%	100%	44%	71%	50%	40%	60%	80%	60%	62%
	ALL	**76%**	**82%**	**87%**	**79%**	**82%**	**78%**	**71%**	**88%**	**87%**	**82%**	**81%**
WHITE MTN.	C1	89%	85%	100%	79%	78%	75%	60%	100%	67%	100%	83%
	D2	70%	53%	60%	38%	40%	75%	100%	100%	100%	50%	69%
	E1	80%	60%	100%	100%	67%	100%	100%	0%	100%	0%	71%
	E2	80%	60%	60%	67%	50%	100%	0%	50%	100%	100%	67%
	E3	80%	0%	60%	67%	33%	50%	100%	0%	0%	0%	39%
	F	69%	80%	80%	0%	100%	33%	100%	100%	50%	50%	66%
	ALL	**79%**	**64%**	**81%**	**64%**	**60%**	**68%**	**69%**	**67%**	**70%**	**60%**	**68%**
CENTRAL	G	65%	48%	70%	56%	67%	0%	100%	100%	0%	100%	61%
	H1	27%	60%	60%	50%	100%	100%	100%	0%	0%	0%	50%
	I1	67%	60%	20%	50%	100%	0%	100%	100%	100%	100%	70%
	I2	60%	50%	55%	100%	100%	100%	100%	100%	100%	100%	87%
	J1	81%	70%	20%	60%	100%	100%	100%	100%	0%	100%	73%
	J2	65%	40%	20%	100%	100%	0%	100%	100%	100%	0%	63%
	ALL	**63%**	**52%**	**48%**	**68%**	**90%**	**50%**	**100%**	**83%**	**50%**	**67%**	**67%**
S. WEST	H2N	100%	60%	40%	100%	0%	0%	N/A	N/A	100%	0%	50%
	H2S	60%	40%	0%	100%	0%	0%	N/A	N/A	0%	0%	25%
	K	50%	50%	60%	67%	67%	100%	N/A	N/A	100%	100%	74%
	ALL	**65%**	**50%**	**40%**	**80%**	**40%**	**60%**	**N/A**	**N/A**	**67%**	**33%**	**54%**
S. EAST	L	30%	40%	13%	50%	0%	67%	0%	33%	67%	67%	37%
	M	20%	20%	60%	0%	0%	0%	0%	50%	0%	50%	20%
	ALL	**25%**	**35%**	**25%**	**40%**	**0%**	**50%**	**0%**	**40%**	**40%**	**60%**	**32%**
ALL	**ALL**	**71%**	**64%**	**64%**	**72%**	**69%**	**72%**	**69%**	**77%**	**76%**	**75%**	**71%**

WILD TURKEY

Spring 2020 Gobbler Season: The 2020 spring turkey season harvest total was 5,718 which was comprised of 25 bearded hens (0.4%), 1,216 jakes (21.3%), and 4,477 toms (78.3%), and a juvenile to adult gobbler harvest ratio of 0.27:1.00. This included the youth weekend with 500 turkeys registered or 8.7% of the overall 2020 spring total. The total male harvest during the May 1-31 season was 5,693. Opening day, Friday May 1, registered 589 turkeys or 10.3% of the spring male harvest. Through the first weekend of the season (May 2-3), 1,408 turkeys were taken or 24.7% of the spring male harvest. The first full week (May 4-10) registered 1,358 turkeys or 23.9%. The second week (May 11-17) registered 836 turkeys (14.7%), and the third week (May 18-24) registered 555 male birds (9.8%). The fourth and final week of the spring season (May 25-31) registered 447 toms or 7.9% of the spring male harvest.

Two-year-old toms were the largest portion (45.8%) of the spring male harvest. Three-year-olds were a healthy 25.3% of the season total. As expected, the 4-year-old segment was 6.7%, and the 5-year-old segment was 0.8%. The proportions of gobblers in the five age categories were similar to those of the past sever spring seasons.

The state average for all 18 WMUs in 2020 was 0.79 gobblers killed per square mile, compared with 0.70 in 2019 and 0.58 during 2018. The increases are likely due to the fact that, starting in 2019 hunters could take a second spring gobbler in 6 of the 18 WMUs, and during 2020 there was an increase in hunting participation due to the COVID-19 pandemic. During the 2020 season 1,055 hunters registered a second spring bird, which was an increase compared with the 2019 spring season when 912 hunters registered a second spring bird. Of the 1,055 hunters taking multiple birds during the spring season, 965 were adults and 90 were youths (younger than 16).

During the 2020 season, 6 WMUs reached a kill of 1.0 gobbler per square mile or greater. These include Units H1 (1.29), H2 (1.02), J2 (1.34), K (1.35), L (1.44), and M (1.38). In northern New Hampshire units A (0.13), B (0.16) C1 (0.15), C2 (0.21), E (0.08), and F (0.20) continue to have the lowest kill per square mile in the state. This is not surprising given the more severe winter weather and lower quality turkey habitat that exists in the far northern portions of the state.

There were 89 towns throughout the state that had a gobbler kill of 1.0 or greater per square mile of habitat during the 2020 spring season. This is up from 68 towns during the May 2019 spring gobbler season. The towns with the highest harvests in 2020 were Weare (84), Concord (77), Claremont (75), Gilmanton (75), Belmont (73), Epsom (71), Barnstead (65), Canterbury (65), Deerfield (63), Alton (62), and Plainfield (61).

Heavy gobblers were fairly numerous from the May 2020 season. The heaviest bird weighed 29 pounds. There were 3 that weighed in at 27 pounds and another 3 of 26 pounds, 17 birds were in the 25 pounds range, and a total of 44 were between 24 and 25 pounds. The longest beards recorded were: 1 at 16.5 inches; 2 at 12 inches; 5 at 11 inches, and 26 at 10 inches. The longest leg spurs were 2 of 1.5 inches and 12 between 1.25 and 1.5 inches.

Fall 2020 Turkey Seasons: The combined archery and shotgun harvest for fall 2020 was 584, which was up from the fall 2019 total of 352 turkeys. This may be attributed to increased hunting participation this year due to the COVID-19 pandemic. The 2019 and 2020 fall harvests were both lower than 2018 (1,283), which is largely due to the fact that beginning in 2019 hunters had the option to harvest two birds in the spring in certain Wildlife Management Units (rather than 1 in the spring and 1 in the fall). The fall 2020 harvest ratio was comprised of 256 males (43.8%) and 328 females (56.2%). Of the 584 turkeys harvested, 265 (45.4%) were adult hens, 63 (10.8%) were juvenile hens, 176 (30.1%) were toms, and 80 (13.7%) were jakes.

Fall 2020 Archery Season: Of the 230 total turkeys taken, there were 108 (47%) gobblers and 122 (53%) hens harvested. These included 77 (33.5%) toms, 31 (13.5%) jakes, 100 (43.5%) adult hens and 22 (9.5%) immature hens. The WMUs with the highest harvests were M (33), J2 (31), and L (29). The archery season comprised 39.4% of the total fall harvest.

Fall 2020 Shotgun Season: Of the 354 total turkeys taken, there were 148 (41.8%) gobblers and 206 (58.2%) hens harvested. This included 99 (28%) toms, 49 (13.8%) jakes, 165 (46.6%) adult hens, and 41 (11.6%) immature hens. The WMUs with the highest harvest were J2 (70), D2 (45), and G (39). The shotgun season comprised 60.6% of the total fall harvest.

Turkey viruses: The Department continues to monitor two viruses affecting turkeys in the state: avian pox and Lymphoproliferative Disease Virus (LPDV). A total of 13 (11 winter and 2 summer) symptomatic turkeys were reported throughout the state during the 2020 Public Internet Winter Flock and Summer Brood Surveys. These two viruses continue to be present at low levels throughout the state and do not appear to be having any significant impact on the state's turkey population.

SPRING AND FALL TURKEY HARVESTS FROM THE PAST 10 YEARS

YEAR	SPRING HARVEST	CHANGE FROM PRECEDING YEAR	FALL HARVEST
2011	3,672	0.0%	643
2012	3,873	+5.5%	1,056
2013	4,550	+17.5%	855
2014	3,911	-14.0%	705
2015	4,006	+2.4%	1,043
2016	3,882	-3.1%	1,101
2017	4,482	+15.5%	450
2018	4,204	-6.2%	1,283
2019*	5,092	+21.1%	352
2020	5,718	+12.3%	584

*2019 was the first year two birds could be harvested during the spring in certain WMUs.

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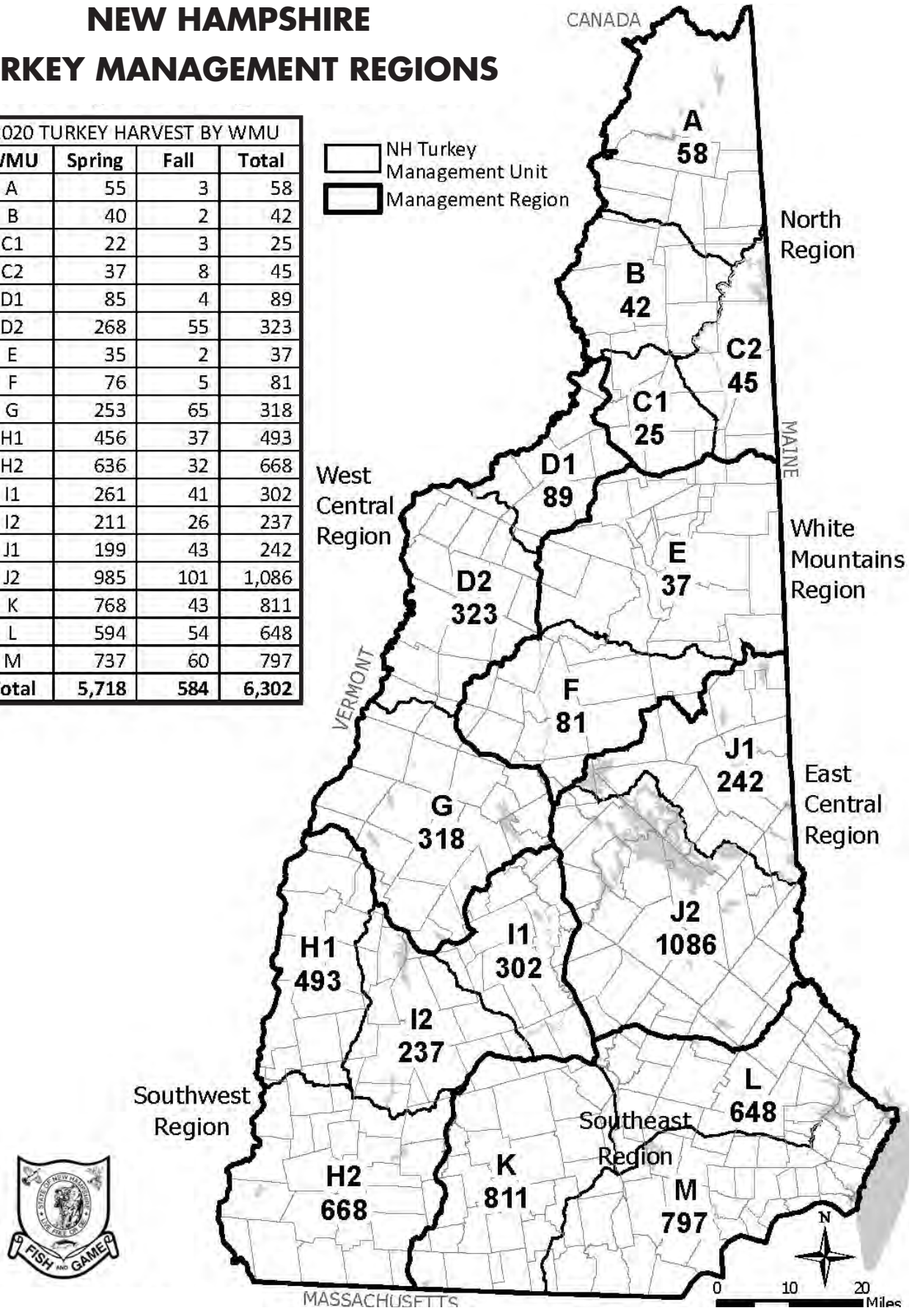
2020 TURKEY POPULATION OBJECTIVES BY WILDLIFE MANAGEMENT UNITS IN TERMS OF SPRING HARVEST PER SQUARE MILE OF TURKEY HABITAT

WMU	2020 CURRENT LEVEL[1]	2016–2025 OBJECTIVE	HUNTING STRATEGY[2,3,4]
A	0.13	0.20	Conservative
B	0.16	0.20	Conservative
C1	0.15	0.20	Conservative
C2	0.21	0.20	Conservative
D1	0.44	0.60	Conservative
D2	0.67	0.75	Moderate
E	0.08	0.20	Conservative
F	0.20	0.20	Conservative
G	0.46	0.60	Moderate
H1	1.29	1.00	Liberal
H2	1.02	0.75	Liberal
I1	0.82	0.60	Moderate
I2	0.64	0.62	Moderate
J1	0.47	0.50	Moderate
J2	1.34	1.00	Liberal
K	1.35	1.00	Liberal
L	1.44	1.00	Liberal
M	1.38	1.00	Liberal
STATEWIDE	**0.79**	**N/A**	**N/A**

[1]Current level is the spring kill per square mile of turkey habitat for the 2020 season.
[2]Conservative strategies allow spring hunting and a fall archery season.
[3]Moderate strategies allow for spring hunting and a fall archery season. A fall shotgun season is allowed if the spring harvest equals or exceeds 0.5 gobbler kill per square mile.
[4]Liberal strategies allow spring hunting, a fall shotgun season and a fall archery season. If the spring harvest reaches 0.75 to 1.00 gobbler kill per square mile, a 2-gobbler spring bag limit will be considered.

NEW HAMPSHIRE TURKEY MANAGEMENT REGIONS

2020 TURKEY HARVEST BY WMU			
WMU	**Spring**	**Fall**	**Total**
A	55	3	58
B	40	2	42
C1	22	3	25
C2	37	8	45
D1	85	4	89
D2	268	55	323
E	35	2	37
F	76	5	81
G	253	65	318
H1	456	37	493
H2	636	32	668
I1	261	41	302
I2	211	26	237
J1	199	43	242
J2	985	101	1,086
K	768	43	811
L	594	54	648
M	737	60	797
Total	**5,718**	**584**	**6,302**



FALL 2020 TURKEY HARVEST BY SEASON, SEX, AGE, AND WILDLIFE MANAGEMENT UNIT

SEASON	FALL ARCHERY SEASON HARVEST																		
	A	B	C1	C2	D1	D2	E	F	G	H1	H2	I1	I2	J1	J2	K	L	M	ALL
Imm. Hens	1	0	0	2	0	0	0	1	3	1	2	0	1	3	3	1	3	1	22
Adult Hens	1	1	2	3	0	3	2	2	12	5	6	1	3	8	13	8	12	18	100
Total Hens	2	1	2	5	0	3	2	3	15	6	8	1	4	11	16	9	15	19	122
Imm. Males	0	0	0	0	1	2	0	1	1	1	2	2	3	1	4	6	4	3	31
Adult Males	1	1	1	3	3	5	0	1	10	2	3	3	5	2	11	5	10	11	77
Total Males	1	1	1	3	4	7	0	2	11	3	5	5	8	3	15	11	14	14	108
TOTAL	**3**	**2**	**3**	**8**	**4**	**10**	**2**	**5**	**26**	**9**	**13**	**6**	**12**	**14**	**31**	**20**	**29**	**33**	**230**

SEASON	FALL SHOTGUN SEASON HARVEST																		
	A	B	C1	C2	D1	D2	E	F	G	H1	H2	I1	I2	J1	J2	K	L	M	ALL
Imm. Hens	N/A	N/A	N/A	N/A	N/A	5	N/A	N/A	5	3	2	3	2	4	7	2	3	5	41
Adult Hens	N/A	N/A	N/A	N/A	N/A	20	N/A	N/A	26	12	10	12	6	9	38	11	12	9	165
Total Hens	N/A	N/A	N/A	N/A	N/A	25	N/A	N/A	31	15	12	15	8	13	45	13	15	14	206
Imm. Males	N/A	N/A	N/A	N/A	N/A	9	N/A	N/A	1	5	1	9	2	5	8	5	3	1	49
Adult Males	N/A	N/A	N/A	N/A	N/A	11	N/A	N/A	7	8	6	11	4	11	17	5	7	12	99
Total Males	N/A	N/A	N/A	N/A	N/A	20	N/A	N/A	8	13	7	20	6	16	25	10	10	13	148
TOTAL	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**45**	**N/A**	**N/A**	**39**	**28**	**19**	**35**	**14**	**29**	**70**	**23**	**25**	**27**	**354**

SEASON	TOTAL FALL SEASON HARVEST																		
	A	B	C1	C2	D1	D2	E	F	G	H1	H2	I1	I2	J1	J2	K	L	M	ALL
Imm. Hens	1	0	0	2	0	5	0	1	8	4	4	3	3	7	10	3	6	6	63
Adult Hens	1	1	2	3	0	23	2	2	38	17	16	13	9	17	51	19	24	27	265
Total Hens	2	1	2	5	0	28	2	3	46	21	20	16	12	24	61	22	30	33	328
Imm. Males	0	0	0	0	1	11	0	1	2	6	3	11	5	6	12	11	7	4	80
Adult Males	1	1	1	3	3	16	0	1	17	10	9	14	9	13	28	10	17	23	176
Total Males	1	1	1	3	4	27	0	2	19	16	12	25	14	19	40	21	24	27	256
TOTAL	**3**	**2**	**3**	**8**	**4**	**55**	**2**	**5**	**65**	**37**	**32**	**41**	**26**	**43**	**101**	**43**	**54**	**60**	**584**

SPRING 2020 TURKEY HARVEST BY WILDLIFE MANAGEMENT UNIT

WMU	SQ. MI HABITAT	BEARDED HENS	JAKES	TOMS	TOTAL	% OF TOTAL	JUVENILE : ADULT HARVEST RATIO	KPSM*
A	424.44	1	13	41	55	1.0%	0.32:1.00	0.13
B	251.65	1	11	28	40	0.7%	0.39:1.00	0.16
C1	144.62	0	8	14	22	0.4%	0.57:1.00	0.15
C2	177.69	0	12	25	37	0.6%	0.48:1.00	0.21
D1	193.11	0	16	69	85	1.5%	0.23:1.00	0.44
D2	402.46	0	53	215	268	4.7%	0.25:1.00	0.67
E	451.29	0	3	32	35	0.6%	0.09:1.00	0.08
F	372.65	0	19	57	76	1.3%	0.33:1.00	0.20
G	555.15	1	46	206	253	4.4%	0.22:1.00	0.46
H1	353.86	1	87	368	456	8.0%	0.24:1.00	1.29
H2	626.12	4	123	509	636	11.1%	0.24:1.00	1.02
I1	317.97	0	46	215	261	4.6%	0.21:1.00	0.82
I2	327.64	0	36	175	211	3.7%	0.21:1.00	0.64
J1	426.81	1	44	154	199	3.5%	0.29:1.00	0.47
J2	733.4	6	210	769	985	17.2%	0.27:1.00	1.34
K	569.91	3	142	623	768	13.4%	0.23:1.00	1.35
L	412.97	3	143	448	594	10.4%	0.32:1.00	1.44
M	532.39	4	204	529	737	12.9%	0.39:1.00	1.38
TOTALS	**7,274.13**	**25**	**1216**	**4477**	**5718**	**100.0%**	**0.27:1.00**	**0.79**

*Kill per square mile of turkey habitat.

WILD TURKEY

SPRING TURKEY HARVESTS BY WILDLIFE MANAGEMENT UNIT (2011–2020)

WMU	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	10-YEAR AVERAGE
A	30	47	62	48	48	50	50	47	41	55	47.8
B	19	34	41	25	23	19	29	26	39	40	29.5
C1	13	13	18	22	7	15	13	7	11	22	14.1
C2	19	26	33	28	35	28	35	19	23	37	28.3
D1	83	99	114	102	95	65	70	55	78	85	84.6
D2	236	213	270	234	216	194	242	246	244	268	236.3
E	37	23	47	34	38	40	42	27	24	35	34.7
F	64	78	83	64	74	69	87	76	64	76	73.5
G	244	265	324	257	257	240	307	269	243	253	265.9
H1	299	274	337	295	300	285	347	311	457	456	336.1
H2	431	371	449	361	428	408	454	471	609	636	461.8
I1	181	196	199	159	153	175	205	193	198	261	192.0
I2	172	182	202	176	178	175	224	230	214	211	196.4
J1	152	165	212	166	205	180	225	191	165	199	186.0
J2	512	532	676	600	622	637	681	643	858	985	674.6
K	529	535	571	490	450	463	548	544	681	768	557.9
L	311	393	455	410	403	411	434	394	511	594	431.6
M	338	425	456	440	474	428	489	455	632	737	487.4
Totals	**3,672**	**3,876**	**4,550**	**3,911**	**4,006**	**3,882**	**4,482**	**4,204**	**5,092**	**5,718**	**4,339.3**

TOP GOBBLERS (24+POUNDS) TAKEN IN NEW HAMPSHIRE DURING 2020 SPRING SEASON

DATE TAKEN	WEIGHT (LBS)	BEARD LENGTH	SPUR LENGTH	WMU	TOWN OF KILL
05/06/20	29.00	10.00	1.000	K	DUNBARTON
05/18/20	27.50	10.00	0.875	K	PETERBOROUGH
05/16/20	27.00	9.25	1.125	M	PELHAM
05/02/20	27.00	8.50	0.625	H1	CLAREMONT
05/02/20	26.50	9.50	0.750	K	MASON
05/24/20	26.00	11.00	1.000	J2	EPSOM
05/04/20	26.00	9.00	1.000	H2	FITZWILLIAM
05/19/20	25.75	7.75	0.875	K	MASON
05/01/20	25.50	10.50	1.375	J2	MEREDITH
05/16/20	25.00	11.00	1.250	L	BARRINGTON
05/03/20	25.00	11.00	1.188	K	BEDFORD
05/22/20	25.00	10.50	1.375	K	GOFFSTOWN
05/10/20	25.00	10.50	1.250	M	RAYMOND
05/19/20	25.00	10.00	1.375	J2	LOUDON
05/10/20	25.00	10.00	1.250	L	BARRINGTON
05/02/20	25.00	10.00	1.125	M	PLAISTOW
05/01/20	25.00	9.25	1.000	I2	HILLSBOROUGH
05/01/20	25.00	9.00	1.438	M	KENSINGTON
05/02/20	25.00	9.00	1.125	L	SOMERSWORTH
05/24/20	25.00	9.00	1.000	K	NEW BOSTON
05/02/20	25.00	9.00	1.000	J2	ALTON
05/16/20	25.00	8.00	0.750	J2	MILTON
05/06/20	25.00	8.00	0.500	H2	FITZWILLIAM
05/02/20	25.00	2.00	0.125	F	SANDWICH
05/25/20	24.80	11.50	1.500	M	MERRIMACK
05/29/20	24.75	9.50	0.875	J2	ALTON
05/25/20	24.50	12.00	1.500	M	AMHERST
05/26/20	24.50	10.50	1.000	L	PEMBROKE
05/01/20	24.50	10.00	1.000	J2	STRAFFORD
05/07/20	24.50	10.00	0.750	M	DERRY
05/04/20	24.50	8.50	1.000	J2	FARMINGTON
05/16/20	24.25	16.50	1.125	L	PEMBROKE
05/13/20	24.25	9.50	0.875	L	ALLENSTOWN
05/03/20	24.25	9.25	1.063	K	MONT VERNON
05/01/20	24.25	9.00	0.750	F	CAMPTON
05/16/20	24.00	12.25	1.250	J2	BARRINGTON
05/01/20	24.00	11.00	1.000	K	TEMPLE
05/04/20	24.00	10.50	1.063	H2	HINSDALE
05/01/20	24.00	10.50	1.000	G	ENFIELD
05/16/20	24.00	10.50	0.875	M	KINGSTON
05/08/20	24.00	10.25	1.313	H2	WESTMORELAND
05/02/20	24.00	10.25	1.250	J2	LOUDON
05/17/20	24.00	10.25	1.125	A	COLEBROOK
05/02/20	24.00	10.25	1.063	J2	GILFORD
05/04/20	24.00	10.25	1.000	H2	WINCHESTER
05/02/20	24.00	10.25	0.875	M	GREENLAND
05/09/20	24.00	10.00	1.125	J2	LOUDON
05/07/20	24.00	10.00	1.000	M	CHESTER
05/08/20	24.00	10.00	1.000	J2	HOLDERNESS
05/08/20	24.00	10.00	0.938	I2	HILLSBOROUGH
05/01/20	24.00	10.00	0.750	L	DOVER
05/01/20	24.00	10.00	N/A	J2	STRAFFORD
05/01/20	24.00	9.50	0.750	M	HUDSON
05/09/20	24.00	9.50	0.750	M	DERRY
05/11/20	24.00	9.25	1.250	J2	GILFORD
04/25/20	24.00	9.25	1.125	L	DOVER
05/03/20	24.00	9.25	1.000	H1	CLAREMONT
05/02/20	24.00	9.25	0.875	I2	WASHINGTON
05/01/20	24.00	9.13	1.000	I2	GOSHEN
04/26/20	24.00	9.00	1.250	G	LEBANON
05/13/20	24.00	9.00	1.125	L	ALLENSTOWN
05/16/20	24.00	9.00	1.125	F	CAMPTON
05/02/20	24.00	9.00	1.063	L	BARRINGTON
05/02/20	24.00	9.00	0.250	H2	CHESTERFIELD
05/01/20	24.00	8.75	0.750	J2	STRAFFORD
05/13/20	24.00	7.75	1.000	M	ATKINSON
04/25/20	24.00	7.50	0.875	D2	MONROE
05/12/20	24.00	7.00	1.000	J2	ALTON

2020 TURKEY HARVEST BY TOWN AND SEASON

TOWN/WMUs	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING MALE TOTAL	SPRING MALE KPSM*	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM*
ACWORTH (H1)	1	6	42	48	1.33	0	1	1	0.03
ALBANY (E/F/J1)	0	0	3	3	0.05	0	0	0	0.00
ALEXANDRIA (G/I1)	0	2	8	10	0.26	7	2	9	0.23
ALLENSTOWN (L)	0	3	11	14	0.78	2	1	3	0.17
ALSTEAD (H1/H2)	0	8	42	50	1.37	2	0	2	0.05
ALTON (J2)	0	13	49	62	1.08	5	6	11	0.19
AMHERST (K/M)	0	10	27	37	1.32	1	2	3	0.11
ANDOVER (G/I1)	0	4	21	25	0.68	0	2	2	0.05
ANTRIM (H2/I2/K)	1	4	21	25	0.79	0	1	1	0.03
ASHLAND (F/G/J2)	0	3	4	7	0.72	0	0	0	0.00
ATKINSON (M)	0	2	13	15	1.58	0	0	0	0.00
AUBURN (L/M)	2	7	22	29	1.32	1	1	2	0.09
BARNSTEAD (J2)	0	9	56	65	1.66	6	4	10	0.26
BARRINGTON (J2/L)	1	10	44	54	1.29	2	4	6	0.14
BARTLETT (E)	0	0	1	1	0.02	2	0	2	0.03
BATH (D2)	0	9	42	51	1.44	5	10	15	0.42
BEDFORD (K/L/M)	0	1	30	31	1.21	0	2	2	0.08
BELMONT (J2)	1	12	60	72	2.82	4	3	7	0.27
BENNINGTON (H2/K)	0	3	6	9	0.92	1	0	1	0.10
BENTON (D2)	0	0	7	7	0.18	0	0	0	0.00
BERLIN (C1/C2)	0	0	4	4	0.08	1	0	1	0.02
BETHLEHEM (D1/D2/E)	0	1	14	15	0.21	0	0	0	0.00
BOSCAWEN (I1)	0	6	14	20	0.91	1	0	1	0.05
BOW (I1/K/L)	0	8	22	30	1.34	0	0	0	0.00
BRADFORD (I2)	0	4	17	21	0.66	2	1	3	0.09
BRENTWOOD (L/M)	0	5	29	34	2.38	0	0	0	0.00
BRIDGEWATER (G)	0	2	7	9	0.45	3	2	5	0.25
BRISTOL (G/I1)	0	3	8	11	0.74	3	1	4	0.27
BROOKFIELD (J1/J2)	0	2	15	17	0.79	0	1	1	0.05
BROOKLINE (K/M)	0	8	13	21	1.21	1	2	3	0.17
CAMBRIDGE (B/C2)	0	0	1	1	0.02	0	0	0	0.00
CAMPTON (F)	0	3	18	21	0.46	1	1	2	0.04
CANAAN (G)	1	6	21	27	0.61	2	2	4	0.09
CANDIA (L/M)	0	14	26	40	1.47	1	1	2	0.07
CANTERBURY (I1/J2)	0	13	52	65	1.63	0	1	1	0.03
CARROLL (D1/E)	0	0	1	1	0.02	0	0	0	0.00
CENTER HARBOR (J1/J2)	0	0	5	5	0.43	1	0	1	0.09
CHARLESTOWN (H1)	0	13	36	49	1.51	3	2	5	0.15
CHATHAM (E)	0	0	5	5	0.10	0	0	0	0.00
CHESTER (M)	0	13	30	43	1.82	1	1	2	0.08
CHESTERFIELD (H2)	0	13	36	49	1.15	4	1	5	0.12
CHICHESTER (J2/L)	0	8	26	34	1.78	3	1	4	0.21
CLAREMONT (H1)	0	17	58	75	2.04	0	1	1	0.03
CLARKSVILLE (A)	0	3	6	9	0.17	1	0	1	0.02
COLEBROOK (A/B)	0	8	14	22	0.71	0	0	0	0.00
COLUMBIA (B)	0	2	8	10	0.20	0	0	0	0.00
CONCORD (I1/J2/K/L)	0	18	59	77	1.60	0	2	2	0.04
CONWAY (E/F/J1)	0	4	17	21	0.34	1	1	2	0.03
CORNISH (H1)	0	10	34	44	1.18	2	3	5	0.13
CROYDON (H1/I2)	0	7	29	36	1.26	5	2	7	0.25

*Kill per square mile of turkey habitat.

2020 TURKEY HARVEST BY TOWN AND SEASON, cont.

TOWN/WMUs	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING MALE TOTAL	SPRING MALE KPSM*	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM*
DALTON (D1)	0	5	12	17	0.72	0	1	1	0.04
DANBURY (G/I1)	0	0	14	14	0.44	5	2	7	0.22
DANVILLE (M)	0	4	8	12	1.20	1	1	2	0.20
DEERFIELD (L)	0	17	46	63	1.35	1	2	3	0.06
DEERING (K)	0	7	24	31	1.10	0	0	0	0.00
DERRY (M)	0	16	31	47	1.65	2	1	3	0.11
DIXVILLE (A/B)	0	0	1	1	0.02	0	0	0	0.00
DORCHESTER (G)	0	2	4	6	0.16	0	0	0	0.00
DOVER (L)	0	8	24	32	1.61	0	2	2	0.10
DUBLIN (H2)	0	1	17	18	0.74	0	0	0	0.00
DUMMER (B/C1/C2)	1	1	8	9	0.23	0	2	2	0.05
DUNBARTON (K)	0	12	25	37	1.34	1	1	2	0.07
DURHAM (L)	0	9	23	32	1.70	2	3	5	0.27
EAST KINGSTON (M)	0	1	10	11	1.23	0	0	0	0.00
EASTON (D2)	0	0	2	2	0.08	0	0	0	0.00
EATON (J1)	0	1	7	8	0.34	1	1	2	0.09
EFFINGHAM (J1)	0	3	10	13	0.37	2	1	3	0.09
ELLSWORTH (F)	0	1	1	2	0.10	0	0	0	0.00
ENFIELD (G/H1)	0	10	27	37	1.08	4	5	9	0.26
EPPING (L/M)	0	9	17	26	1.16	5	0	5	0.22
EPSOM (J2/L)	0	17	54	71	2.27	2	1	3	0.10
ERROL (A/B/C2)	0	0	4	4	0.09	0	0	0	0.00
EXETER (L/M)	0	4	13	17	1.09	0	0	0	0.00
FARMINGTON (J2)	0	16	42	58	1.74	0	0	0	0.00
FITZWILLIAM (H2)	1	15	20	35	1.17	1	1	2	0.07
FRANCESTOWN (K)	0	5	15	20	0.72	0	0	0	0.00
FRANCONIA (D1/D2/E)	0	1	2	3	0.06	0	0	0	0.00
FRANKLIN (I1)	0	2	11	13	0.55	0	3	3	0.13
FREEDOM (J1)	1	8	12	20	0.63	6	3	9	0.29
FREMONT (M)	0	9	5	14	0.94	2	2	4	0.27
GILFORD (J2)	0	5	34	39	1.18	2	2	4	0.12
GILMANTON (J2)	0	22	53	75	1.41	7	5	12	0.23
GILSUM (H2)	0	2	13	15	0.99	1	0	1	0.07
GOFFSTOWN (K)	0	14	42	56	1.80	1	1	2	0.06
GORHAM (C1/C2/E)	0	1	6	7	0.25	0	0	0	0.00
GOSHEN (I2/H1)	0	2	12	14	0.69	2	1	3	0.15
GRAFTON (G)	0	1	9	10	0.29	2	0	2	0.06
GRANTHAM (G/H1/I2)	0	5	4	9	0.41	0	0	0	0.00
GREENFIELD (K)	0	3	29	32	1.37	0	0	0	0.00
GREENLAND (M)	0	7	14	21	2.46	0	0	0	0.00
GREENVILLE (K)	0	2	8	10	1.65	0	1	1	0.17
GROTON (G)	0	3	10	13	0.37	0	1	1	0.03
HAMPSTEAD (M)	0	2	3	5	0.46	0	0	0	0.00
HAMPTON (M)	0	2	6	8	1.21	1	0	1	0.15
HAMPTON FALLS (M)	0	4	11	15	1.59	1	0	1	0.11
HANCOCK (H2/K)	0	7	19	26	0.97	0	0	0	0.00
HANOVER (G)	0	0	16	16	0.36	6	0	6	0.14
HARRISVILLE (H2)	0	3	8	11	0.65	0	0	0	0.00
HAVERHILL (D2)	0	10	22	32	0.68	5	6	11	0.23
HEBRON (G)	0	1	3	4	0.27	1	1	2	0.13

*Kill per square mile of turkey habitat.

2020 TURKEY HARVEST BY TOWN AND SEASON, cont.

TOWN/WMUs	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING MALE TOTAL	SPRING MALE KPSM*	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM*
HENNIKER (I2/K)	0	2	29	31	0.78	0	0	0	0.00
HILL (I1)	0	1	10	11	0.45	2	3	5	0.20
HILLSBOROUGH (H2/I2/K)	0	6	20	26	0.66	2	4	6	0.15
HINSDALE (H2)	0	5	19	24	1.33	0	0	0	0.00
HOLDERNESS (F/G/J1/J2)	0	2	10	12	0.44	2	0	2	0.07
HOLLIS (M)	0	17	26	43	1.55	3	5	8	0.29
HOOKSETT (K/L)	1	10	20	30	1.07	1	1	2	0.07
HOPKINTON (I1/I2/K)	0	6	52	58	1.55	2	1	3	0.08
HUDSON (M)	0	8	28	36	1.85	2	1	3	0.15
JACKSON (E)	0	0	1	1	0.02	0	0	0	0.00
JAFFREY (H2/K)	0	3	44	47	1.42	3	0	3	0.09
JEFFERSON (C1/D1/E)	0	3	17	20	0.48	1	1	2	0.05
KEENE (H2)	0	0	19	19	0.64	1	0	1	0.03
KENSINGTON (M)	0	6	24	30	2.77	1	0	1	0.09
KINGSTON (M)	0	5	17	22	1.35	1	0	1	0.06
LACONIA (J2)	0	3	18	21	1.42	1	0	1	0.07
LANCASTER (C1/D1)	0	5	23	28	0.69	0	1	1	0.02
LANDAFF (D2)	0	5	14	19	0.74	2	3	5	0.19
LANGDON (H1/H2)	0	5	13	18	1.17	2	1	3	0.19
LEBANON (G/H1)	0	2	31	33	1.00	3	1	4	0.12
LEE (L)	0	15	26	41	2.40	2	0	2	0.12
LEMPSTER (H1/I2)	0	3	23	26	1.06	1	1	2	0.08
LINCOLN (D2/E/F)	0	0	1	1	0.01	0	0	0	0.00
LISBON (D2)	0	6	22	28	1.17	4	2	6	0.25
LITCHFIELD (M)	1	9	25	34	2.98	1	0	1	0.09
LITTLETON (D1/D2)	0	8	17	25	0.57	1	1	2	0.05
LONDONDERRY (M)	1	14	33	47	1.48	1	5	6	0.19
LOUDON (J2)	1	7	51	58	1.45	0	2	2	0.05
LYMAN (D2)	0	2	16	18	0.67	0	2	2	0.07
LYME (G)	0	5	28	33	0.67	2	1	3	0.06
LYNDEBOROUGH (K)	0	9	45	54	1.89	0	0	0	0.00
MADBURY (L)	0	3	11	14	1.35	0	0	0	0.00
MADISON (F/J1)	0	3	8	11	0.31	6	1	7	0.20
MANCHESTER (K/L/M)	0	3	3	6	0.44	1	0	1	0.07
MARLBOROUGH (H2)	0	3	21	24	1.27	0	0	0	0.00
MARLOW (H1/H2/I2)	0	2	7	9	0.42	0	0	0	0.00
MASON (K)	1	2	23	25	1.10	1	2	3	0.13
MEREDITH (I1/J2)	0	5	19	24	0.69	4	1	5	0.14
MERRIMACK (M)	0	9	14	23	0.96	2	4	6	0.25
MIDDLETON (J2)	0	4	13	17	1.02	1	0	1	0.06
MILAN (B/C1/C2)	0	9	9	18	0.39	1	1	2	0.04
MILFORD (K/M)	0	7	22	29	1.42	0	0	0	0.00
MILLSFIELD (A/B)	0	0	2	2	0.05	0	0	0	0.00
MILTON (J2)	0	9	26	35	1.17	3	0	3	0.10
MONROE (D2)	0	5	22	27	1.30	3	2	5	0.24
MONT VERNON (K)	0	5	17	22	1.41	1	1	2	0.13
MOULTONBORO (J1/J2)	0	0	17	17	0.32	1	2	3	0.06
NASHUA (M)	0	0	7	7	0.57	1	0	1	0.08
NELSON (H2)	0	4	12	16	0.83	0	1	1	0.05
NEW BOSTON (K)	0	6	47	53	1.37	4	2	6	0.16

*Kill per square mile of turkey habitat.

2020 TURKEY HARVEST BY TOWN AND SEASON, cont.

TOWN/WMUs	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING MALE TOTAL	SPRING MALE KPSM*	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM*
NEW DURHAM (J2)	0	6	25	31	0.82	2	3	5	0.13
NEW HAMPTON (G/I1/J2)	0	10	20	30	0.90	2	1	3	0.09
NEW IPSWICH (K)	2	7	32	39	1.33	3	0	3	0.10
NEW LONDON (G/I1/I2)	0	1	8	9	0.49	0	1	1	0.05
NEWBURY (I2)	0	3	19	22	0.69	1	3	4	0.13
NEWFIELDS (L)	0	0	6	6	0.95	1	0	1	0.16
NEWINGTON (M)	0	5	11	16	2.67	0	0	0	0.00
NEWMARKET (L)	0	4	10	14	1.35	2	0	2	0.19
NEWPORT (H1/I2)	0	10	34	44	1.14	2	5	7	0.18
NEWTON (M)	0	1	6	7	0.83	1	0	1	0.12
NORTH HAMPTON (M)	0	2	7	9	0.82	0	2	2	0.18
NORTHFIELD (I1/J2)	0	6	10	16	0.61	1	1	2	0.08
NORTHUMBERLAND (B/C1/D1)	0	1	4	5	0.17	1	1	2	0.07
NORTHWOOD (J2/L)	1	10	37	47	1.84	4	3	7	0.27
NOTTINGHAM (L)	1	10	46	56	1.32	4	2	6	0.14
ORANGE (G)	0	1	7	8	0.43	0	0	0	0.00
ORFORD (D2/G)	0	6	24	30	0.71	1	0	1	0.02
OSSIPEE (J1)	0	4	27	31	0.50	1	3	4	0.06
PELHAM (M)	0	2	13	15	0.69	2	0	2	0.09
PEMBROKE (L)	1	7	25	32	1.66	2	3	5	0.26
PETERBOROUGH (H2/K)	0	7	31	38	1.18	0	0	0	0.00
PIERMONT (D2)	0	2	26	28	0.77	7	2	9	0.25
PITTSBURG (A)	0	1	11	12	0.05	1	1	2	0.01
PITTSFIELD (J2)	1	10	31	41	1.89	2	1	3	0.14
PLAINFIELD (H1)	0	9	52	61	1.33	3	1	4	0.09
PLAISTOW (M)	0	0	9	9	1.11	1	0	1	0.12
PLYMOUTH (F/G)	0	2	12	14	0.59	1	0	1	0.04
PORTSMOUTH (M)	0	1	7	8	1.01	2	0	2	0.25
RANDOLPH (C1/E)	0	0	1	1	0.02	0	0	0	0.00
RAYMOND (L/M)	0	10	28	38	1.60	1	1	2	0.08
RICHMOND (H2)	0	5	17	22	0.61	2	2	4	0.11
RINDGE (H2/K)	0	3	27	30	0.97	0	1	1	0.03
ROCHESTER (J2/L)	1	12	35	47	1.33	3	1	4	0.11
ROLLINSFORD (L)	0	3	8	11	1.76	0	0	0	0.00
ROXBURY (H2)	0	2	7	9	0.78	0	1	1	0.09
RUMNEY (F/G)	0	3	10	13	0.34	2	0	2	0.05
RYE (M)	0	6	10	16	1.77	0	0	0	0.00
SALEM (M)	0	4	4	8	0.49	0	2	2	0.12
SALISBURY (I1)	0	8	26	34	0.92	2	7	9	0.24
SANBORNTON (I1/J2)	0	9	23	32	0.72	6	1	7	0.16
SANDOWN (M)	0	4	10	14	1.18	2	0	2	0.17
SANDWICH (F/J1)	0	11	13	24	0.29	1	0	1	0.01
SEABROOK (M)	0	3	5	8	1.79	0	0	0	0.00
SHARON (K)	0	0	10	10	0.73	1	0	1	0.07
SHELBURNE (C2/E)	0	3	7	10	0.26	2	0	2	0.05
SOMERSWORTH (L)	0	1	6	7	1.00	1	2	3	0.43
SOUTH HAMPTON (M)	0	3	3	6	0.84	0	0	0	0.00
SPRINGFIELD (G/I2)	0	3	10	13	0.40	4	1	5	0.15
STARK (B/C1)	0	4	3	7	0.14	0	0	0	0.00

*Kill per square mile of turkey habitat.

2020 TURKEY HARVEST BY TOWN AND SEASON, cont.

TOWN/WMUs	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING MALE TOTAL	SPRING MALE KPSM*	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM*
STEWARTSTOWN (A)	1	2	10	12	0.33	0	0	0	0.00
STODDARD (H2/I2)	0	5	5	10	0.23	0	0	0	0.00
STRAFFORD (J2)	0	8	44	52	1.14	4	2	6	0.13
STRATFORD (B)	0	5	2	7	0.10	0	1	1	0.01
STRATHAM (L/M)	0	10	18	28	2.21	1	1	2	0.16
SUGAR HILL (D1/D2)	0	1	8	9	0.58	0	0	0	0.00
SULLIVAN (H2)	0	3	12	15	0.90	0	0	0	0.00
SUNAPEE (G/I2)	0	1	12	13	0.74	0	1	1	0.06
SURRY (H2)	0	1	15	16	1.11	3	0	3	0.21
SUTTON (I1/I2)	0	3	14	17	0.45	4	3	7	0.19
SWANZEY (H2)	0	11	34	45	1.14	1	0	1	0.03
TAMWORTH (F/J1)	0	4	12	16	0.30	1	3	4	0.07
TEMPLE (K)	0	4	24	28	1.35	0	2	2	0.10
THORNTON (F)	0	3	10	13	0.28	0	1	1	0.02
TILTON (I1/J2)	0	0	1	1	0.11	0	1	1	0.11
TROY (H2)	1	4	9	13	0.81	0	0	0	0.00
TUFTONBORO (J1/J2)	0	8	23	31	0.85	3	0	3	0.08
UNITY (H1)	0	7	34	41	1.21	1	1	2	0.06
WAKEFIELD (J1/J2)	0	5	21	26	0.74	2	1	3	0.09
WALPOLE (H1/H2)	0	5	33	38	1.19	6	2	8	0.25
WARNER (I1/I2)	0	8	30	38	0.76	0	0	0	0.00
WARREN (D2/F)	0	1	9	10	0.22	0	0	0	0.00
WASHINGTON (I2)	0	1	18	19	0.55	0	1	1	0.03
WATERVILLE VALLEY (E/F)	0	0	1	1	0.02	0	0	0	0.00
WEARE (K)	0	14	70	84	1.56	4	4	8	0.15
WEBSTER (I1)	0	7	28	35	1.37	4	2	6	0.23
WENTWORTH (D2/F/G)	0	3	8	11	0.30	2	0	2	0.06
WENTWORTH'S LOCATION (A/C2)	0	0	0	0	0.00	2	0	2	0.15
WESTMORELAND (H2)	0	8	47	55	1.62	1	1	2	0.06
WHITEFIELD (D1)	0	4	9	13	0.48	0	0	0	0.00
WILMOT (G/I1)	0	1	14	15	0.59	3	3	6	0.24
WILTON (K)	0	9	28	37	1.60	2	1	3	0.13
WINCHESTER (H2)	1	9	40	49	0.97	0	1	1	0.02
WINDHAM (M)	0	0	20	20	0.90	0	0	0	0.00
WINDSOR (I2)	0	1	3	4	0.54	0	0	0	0.00
WOLFEBORO (J1/J2)	0	7	28	35	0.80	2	4	6	0.14
WOODSTOCK (D2/F)	0	0	3	3	0.06	0	0	0	0.00
TOTALS	**25**	**1216**	**4477**	**5693**	**N/A**	**328**	**256**	**584**	**N/A**

*Kill per square mile of turkey habitat.

FURBEARERS

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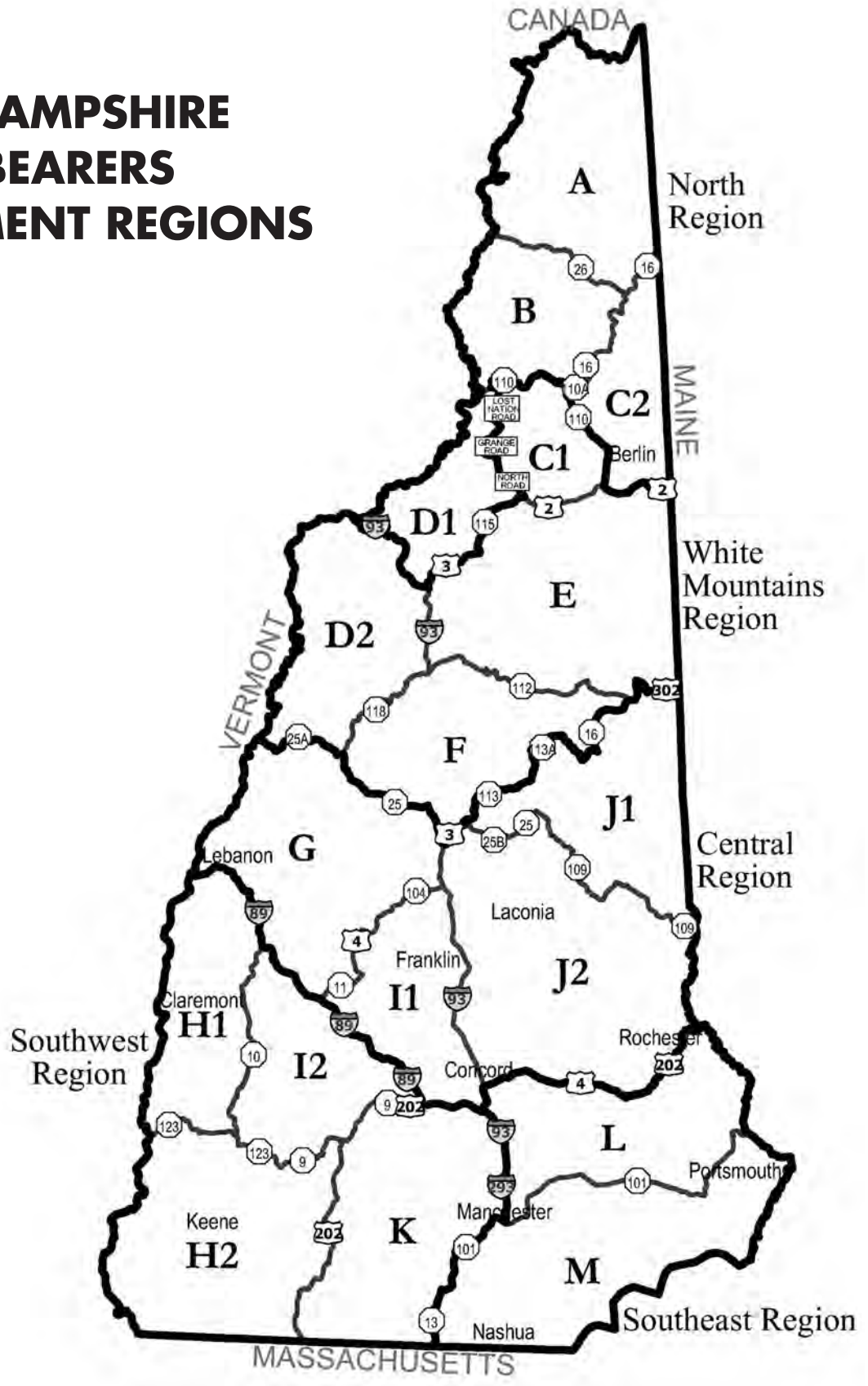
During the 2019/20 trapping season, New Hampshire trappers continued to provide valuable benefits to New Hampshire's citizenry. Trapper harvest, under the guidelines of a carefully regulated trapping program, helps maintain furbearer populations at desired biological and social levels. The New Hampshire furbearer management program relies on trapper data to monitor furbearer populations and to help develop season proposals. Data that trappers collect in annual trapper reports provide information on furbearer distribution and abundance, as well as trapping effort, and are essential for furbearer population management decision making. Finally, the expertise that trappers provide to state, municipal, and private interests in resolving wildlife–human conflicts represents an invaluable public service.

Results from the 2019/20 New Hampshire trapping season reflect the fact that many New Hampshire furbearers are widespread and abundant. A total of 533 trapper licenses were issued for the 2019/20 trapping season. This represents a 7.47% decrease from the 576 licenses issued the previous year. Reported trap nights of effort increased for beaver, coyote, gray fox, otter, raccoon, and red fox, while reported trap nights decreased for fisher, mink, and muskrat. During the 2019/20 trapping season. Average pelt values, derived from averaging area states trapping association fur auction prices, increased for most species. The value of the 2019/20 fur harvest was $30,227 based on average pelt values and the total amount of fur harvested in New Hampshire. This was down (31.58%) from the estimated value of $44,179 for the 2018/19 season.

NEW HAMPSHIRE FURBEARERS MANAGEMENT REGIONS



FURBEARER

TABLE 1. NH FURBEARER TRAPPER HARVEST BY SEASON, 2012/13–2019/20*

SEASON	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
2012-13	2491	534	280	181	399	1850	306	623	307
2013-14	2329	499	224	187	289	1743	256	617	271
2014-15	2054	440	227	99	269	1450	177	487	210
2015-16	2246	501	140	109	174	1452	166	463	180
2016-17	1202	385	90	62	111	554	154	336	115
2017-18	1140	402	44	89	91	528	97	302	156
2018-19	1254	330	45	37	77	581	107	321	135
2019-20	1057	332	35	23	39	287	113	197	148

*Due to late data submittals, previous year's data may have changed from previous reports.

TABLE 2. NH FURBEARER STATEWIDE HARVEST PER 100 TRAP NIGHTS BY SEASON, 2012/13–2019/20*

SEASON	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
2012-13	5.29	1.46	1.42	1.07	1.43	4.85	1.26	2.49	1.34
2013-14	5.96	1.21	0.94	0.92	1.09	5.07	1.55	2.72	1.13
2014-15	5.52	1.21	1.32	0.69	1.91	4.70	1.96	2.20	1.12
2015-16	4.71	1.06	1.13	0.77	1.47	5.31	1.46	3.41	0.88
2016-17	7.23	1.41	1.73	0.55	1.57	5.70	2.77	1.62	0.83
2017-18	6.92	1.52	1.08	1.02	1.75	6.53	1.65	3.68	1.63
2018-19	8.27	2.17	1.23	1.73	2.05	6.75	3.15	2.95	2.06
2019-20	6.14	1.19	1.16	0.36	1.34	5.64	2.11	1.68	1.54

*Due to late data submittals, previous year's data may have changed from previous reports.

TABLE 3. NH FURBEARER TRAPPER HARVEST BY REGION, 2019/20*

REGION	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
NORTH	116	97	4	1	3	43	6	23	70
WHITE MTN.	137	71	5	6	12	24	19	50	36
CENTRAL	315	94	11	11	11	93	36	28	24
SOUTH WEST	270	41	8	3	9	49	25	37	14
SOUTH EAST	219	29	7	2	4	78	27	59	4
STATEWIDE	1057	332	35	23	39	287	113	197	148

*Due to late data submittals, previous year's data may have changed from previous reports.

TABLE 4. NH FURBEARER HARVEST PER 100 TRAP NIGHTS BY REGION, 2019/20*

REGION	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
NORTH	8.50	1.13	0.80	.	1.69	13.58	4.41	15.38	3.14
WHITE MTN.	7.51	2.76	1.24	4.14	2.04	13.53	6.67	4.09	2.04
CENTRAL	8.57	1.21	1.53	0.89	0.73	4.65	5.37	1.61	0.58
SOUTH WEST	3.68	0.82	0.85	0.50	1.65	6.63	0.76	1.01	1.02
SOUTH EAST	7.31	0.74	1.55	0.05	1.47	4.19	3.20	1.34	6.90
STATEWIDE	6.14	1.19	1.16	0.36	1.34	5.64	2.11	1.68	1.54

*Due to late data submittals, previous year's data may have changed from previous reports.

NEW HAMPSHIRE FISH AND GAME DEPARTMENT'S MISSION:

As the guardian of the state's fish, wildlife, and marine resources, the N.H. Fish and Game Department works in partnership with the public to:

- conserve, manage, and protect those resources and their habitats;
- inform and educate the public about those resources; and
- provide the public with opportunities to use and appreciate those resources.

REPORT WILDLIFE LAW VIOLATORS

24-HOUR HOTLINE:
1-800-344-4262

wildnh.com/ogt

REPORT THESE FACTS:

- DATE
- VEHICLE DESCRIPTION
- LICENSE NUMBER
- ROAD/ROUTE
- TIME
- VIOLATION
- TRAVEL DIRECTION
- DESCRIPTION OF PERSON(S)

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