

WHITE-TAILED DEER HARVEST SUMMARY 2020

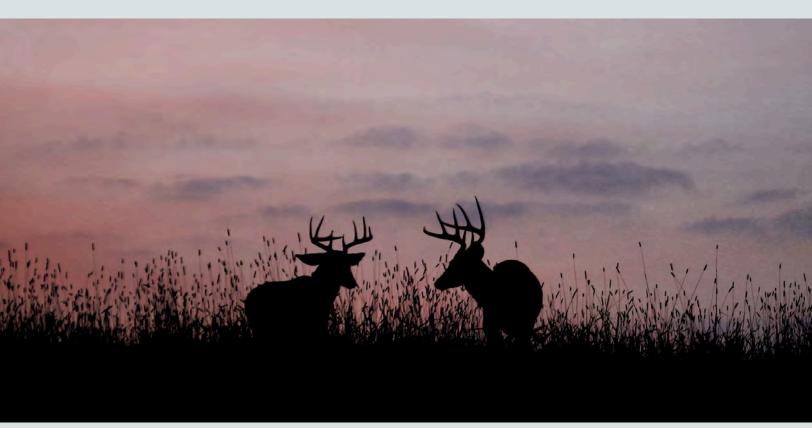


Photo by Monte Loomis, December 2020



Results reported in this document were funded by the Federal Aid in Wildlife Restoration Act. Grant WE-173-G

HUNTERS:

Want Older Bucks in New York?

It's Your Choice

You can increase the availability of older bucks by choosing to pass up shots at young bucks.

 Older bucks create more rubs and scrapes, vocalize more, and vield more meat – all things that create unforgettable hunting experiences.







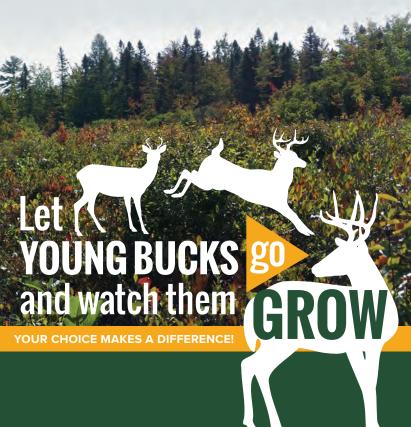


If you want more older bucks, encourage your neighbors and hunting partners to join you in taking fewer young bucks.

You can boost deer condition and body and antler size by balancing the deer population with the habitat:

- Take a doe if permits are available in your area
- Create young forest to enhance natural forage and cover for deer







Department of Environmental Conservation

2020 Calculated Deer Harvest by Zone

		Deer 1	Take by Tag Ty	уре			Deer Take	by Season ³		
	Reg Big Game ¹	Bow/Muzz Either-Sex	Bow/Muzz Antlerless	DMP ²	DMAP ²	Bow	Muzzle- loader	Regular	Youth	Total
Northern Zone Total	16,110	5,649	3,386	6,915	1,200	2,952	6,877	23,240	191	33,260
Male Adult	16,067	4,053	112	313	13	1,370	3,087	15,967	134	20,558
Male Fawn	4	67	115	736	71	55	168	761	9	993
Female Adult	35	1,441	3,088	5,396	996	1,495	3,473	5,947	41	10,956
Female Fawn	4	88	71	470	120	32	149	565	7	753
Southern Zone Total	55,233	41,828	14,914	101,774	6,981	65,069	12,892	141,735	1,034	220,730
Male Adult	54,886	37,348	572	2,970	99	38,174	3,296	53,799	606	95,875
Male Fawn	27	304	572	13,627	412	2,639	640	11,602	61	14,942
Female Adult	295	4,014	13,367	72,560	5,754	22,008	8,304	65,368	310	95,990
Female Fawn	25	162	403	12,617	716	2,248	652	10,966	57	13,923
Statewide Total	71,343	47,477	18,300	108,689	8,181	68,021	19,769	164,975	1,225	253,990
Male Adult	70,953	41,401	684	3,283	112	39,544	6,383	69,766	740	116,433
Male Fawn	-	371	687	14,363	483	2,694	808	12,363	740 70	15,935
Female Adult	330	5,455	16,455	77,956	6,750	23,503	11,777	71,315	351	106,946
Female Fawn	29	250	474	13,087	836	2,280	801	11,531	64	14,676

¹ Regular Big Game tags were generally for antiered deer only, but could be used for deer of either-sex during late bow and muzzleloader seasons or anytime in Suffolk and Westchester Counties.

² Deer Management Permits (DMPs) and Deer Management Assistance Program (DMAP) tags were for antierless deer. Bucks with shed antiers or antiers less than 3 inches long were not considered legally antiered deer and may be taken using a DMP or DMAP tag.

³ Season Totals include all deer taken on all tags eligible to be used during those seasons. DMPs and DMAP tags could be used during all seasons.

2020 Deer Harvest - Recent Trend Comparison

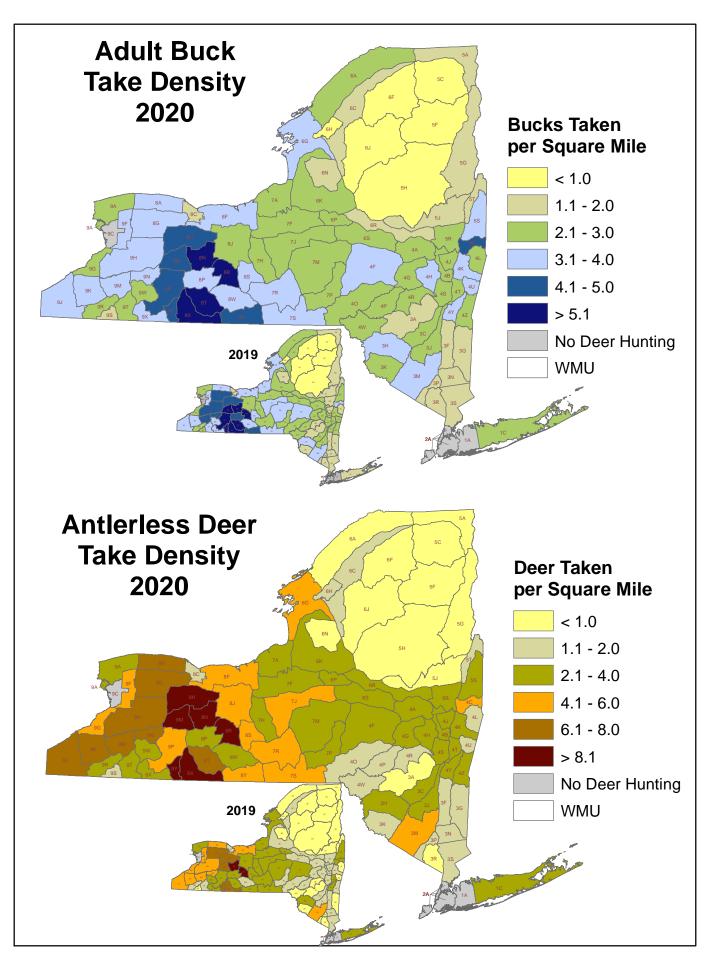
	2020	2019	Change (2019 to 2020)	5-year Average (2015 to 2019)
Total Take	253,990	224,190	13.3%	214,288
Adult Buck Take (≥ 1.5 years old)	116,433	120,403	-3.3%	109,634
Adult Female Take (≥ 1.5 years old)	106,946	82,176	30.1%	76,781
Antlerless Take (fawns and adult does)	137,557	103,787	32.5%	104,654
% Buck Fawns in Antlerless Take	11.6%	10.7%		14.1%
% Buck Take ≥ 2.5 Years Old	61.7%	62.6%		55.6%
Antlerless to Adult Buck Harvest Ratio	1.2 : 1	0.9:1		1:1
Deer Management Permits (DMPs) Issued	664,169	624,612	6.3%	615,091
DMP Take	108,689	81,134	34.0%	80,726
DMP Success Rate	16.4%	13.0%		13.1%
DMAP Take	8,181	8,257	-0.9%	9,241
Muzzleloader Season Take ¹	19,769	16,944	16.7%	15,460
% Antlerless of Muzzleloader Take	67.7%	62.7%		64.3%
Bow Season Take ¹	68,021	51,618	31.8%	44,718
% Antlerless of Bow Take	41.9%	38.4%		38.1%
Crossbow Take	11,285	10,569	6.8%	
Youth Deer Hunt	1,225	1,148	6.7%	1,098
Hunter Reporting Rate (statewide, all tags)	44.9%	52.3%		48.3%
Deer Check (% of harvest checked by DEC) ²	5.8%	6.9%		6.9%
Statewide Harvest Estimate Precision (95% CI)	±1.87%	±1.57%		±1.71%

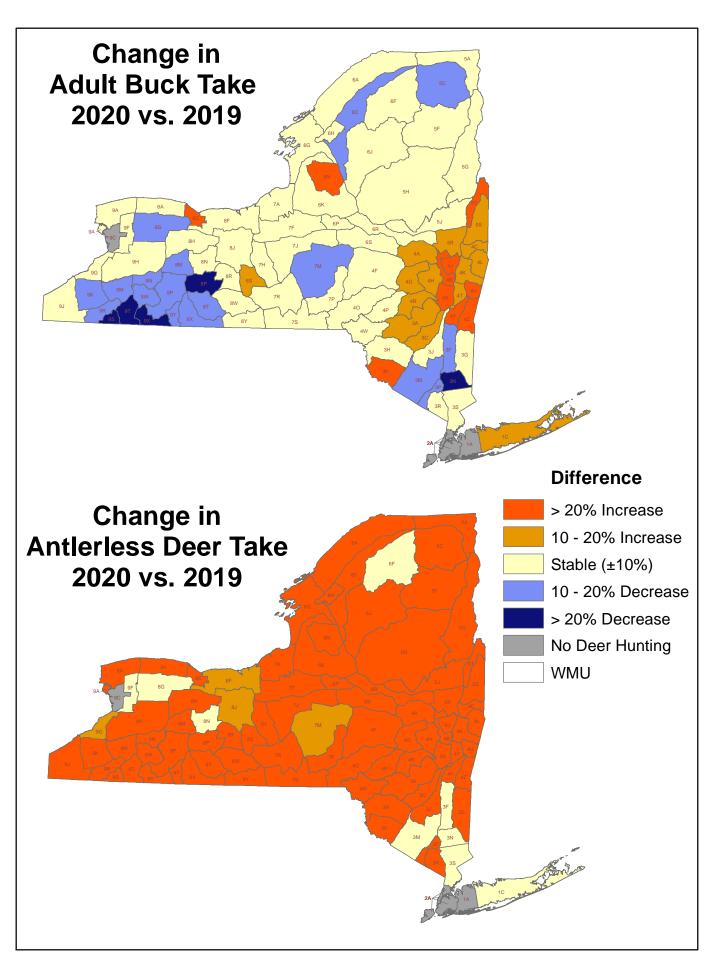
¹ Values for Muzzleloader and Bow Season Take include deer taken on Bow/Muzz tags and DMPs.

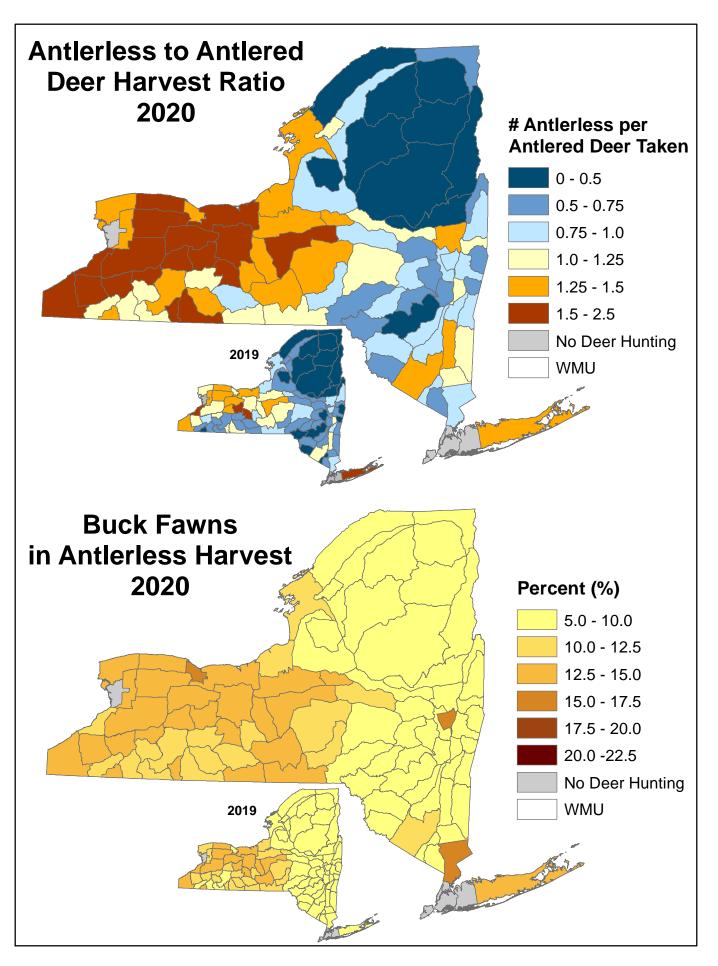
² DEC checks hunter-killed deer each year to determine reporting rate by zone and tag type (DMP, Bow/Muzz, Regular Season tags, etc.) and to monitor biological metrics of deer taken (age, sex, antler characteristics). In 2020, DEC checked 14,825 deer throughout New York.

2020 Deer Harvest by Wildlife Management Unit

	NA-1-	NA-1	Faw!	Fam: -1		Adul+ Mala	Antlarias		D.4 - 1 -	NA-1-	Familia	Fam: -!		Adul+ Mala	Antlarias
WMU	Male	Male Fawn	Female Adult		Total	Adult Male		wmu	Male Adult	Male Fawn	Female Adult	Female Fawn	Total	Adult Male	_
	Adult	rawn	Adult	Fawn		per Mile ²	per Mile ²		Adult	raWN	Adult	raWN		per Mile ²	per Mile ²
1 C	1,861	386	1,909	369	4,525	2.1	3.0	7A	1,647	267	1,692	240	3,846	3.0	4.0
3A	893	5	172	7	1,077	1.3	0.3	7F	1,593	276	1,679	242	3,790	2.3	3.2
3C	850	63	548	66	1,527	2.7	2.1	7H	1,005	185	1,088	161	2,439	2.8	4.0
3F	527	60	532	74	1,193	1.6	2.0	7J	2,490	514	2,980	447	6,431	3.0	4.7
3G	825	77	679	92	1,673	1.8	1.9	7M	3,607	580	3,582	516	8,285	2.9	3.8
3H	1,862	146	1,387	169	3,564	3.4	3.1	7P	1,292	123	815	107	2,337	2.7	2.2
3J	988	94	785	107	1,974	2.8	2.8	7R	2,355	448	2,517	396	5,716	3.2	4.6
3K	862	41	411	44	1,358	2.3	1.3	7S	2,447	394	2,249	342	5,432	3.7	4.5
3M	2,546	366	2,696	405	6,013	3.4	4.6	8A	1,659	361	2,058	312	4,390	4.0	6.5
3N	240	24	227	28	519	1.1	1.3	8C	200	39	178	35	452	1.4	1.8
3P	188	13	133	18	352	1.5	1.3	8F	2,486	556	3,118	483	6,643	3.4	5.7
3R	258	15	145	18	436	1.3	0.9	8G	2,676	635	3,578	559	7,448	3.9	7.0
3S	677	94	422	89	1,282	1.6	1.4	8H	2,594	634	3,632	560	7,420	4.5	8.4
4A	1,242	75	718	87	2,122	2.9	2.1	8J	1,969	395	2,257	352	4,973	2.8	4.2
4B	479	39	312	45	875	3.0	2.5	8M	1,364	331	1,987	299	3,981	4.4	8.5
4C	706	68	582	79	1,435	4.3	4.4	8N	1,725	381	2,160	338	4,604	5.5	9.2
4F	3,822	384	3,047	430	7,683	3.3	3.3	8P	1,198	161	1,106	150	2,615	3.4	4.0
4G	913	72	664	75	1,724	2.5	2.2	8R	1,428	419	2,342	367	4,556	5.3	11.6
4H	965	62	546	66	1,639	3.3	2.3	85	947	177	1,082	160	2,366	3.7	5.5
4J	415	63	262	54	794	2.8	2.6	8T	1,977	286	2,038	275	4,576	5.1	6.8
4K	822	61	607	69	1,559	3.2	2.9	8W	1,724	165	1,155	149	3,193	3.9	3.3
4L	467	18	229	20	734	2.1	1.2	8X	2,222	433	2,639	398	5,692	5.5	8.7
40	1,812	114	1,107	130	3,163	2.4	1.8	8Y	1,512	231	1,352	202	3,297	4.3	5.0
4P	823	66	562	71	1,522	2.3	1.9	9A	1,201	211	1,252	185	2,849	2.6	3.6
4R	614	34	342	41	1,031	2.1	1.4	9F	983	166	981	151	2,281	3.5	4.7
45	649	39	388	47	1,123	3.0	2.2	9G	682	143	887	126	1,838	3.0	5.0
4T	374	45	366	54	839	2.8	3.5	9H	3,726	811	4,785	720	10,042	3.8	6.5
4U	395	18	189	17	619	3.1	1.8	9J	2,701	587	3,405	517	7,210	3.9	6.5
4W	985	66	580	68	1,699	2.2	1.6	9K	1,544	363	2,174	320	4,401	3.5	6.4
4Y	566	52	439	62	1,119	3.2	3.1	9M	1,256	283	1,662	252	3,453	3.8	6.7
4Z	745	52	518	67	1,382	3.0	2.5	9N	719	195	1,152	176	2,242	3.5	7.4
5A	747	22	394	20	1,183	1.2	0.7	9P	2,503	392	2,753	357	6,005	4.3	6.0
5C	703	7	218	11	939	0.6	0.2	9R	559	72	505	63	1,199	2.6	2.9
5F	607	5	155	3	770	0.5	0.1	9S	144	24	141	21	330	1.6	2.0
5G	1,257	17	471	22	1,767	1.1	0.5	9T	634	79	626	79	1,418	2.6	3.2
5H	2,070	20	521	19	2,630	0.7	0.2	9W	743	103	698	87	1,631	3.0	3.6
5J	1,075	13	409	14	1,511	1.6	0.7	9X	680	83	639	76	1,478	3.1	3.6
5R	813	103	820	117	1,853	2.2	2.8	9Y	600	147	875	130	1,752	4.8	9.2
5S	1,324	84	908	100	2,416	3.1	2.6	10/0	446 422	45.005	100.010	44.676	252 200	2.5	
5T	418	13	206	17	654	1.9	1.1	NYS	116,433	15,935	106,946	14,676	253,990	2.5	2.9
6A	3,256	43	815	47	4,161	2.2	0.6								
6C	1,873	150	1,597	108	3,728	1.9	1.9								
6F	862	2	77	2	943	0.7	0.1								
6G	3,370	466	3,762	315	7,913	3.6	4.9								
6H	167	18	169	13	367	1.0	1.2								
6J	907	6	130	8	1,051	0.6	0.1								
6K	2,854	215	2,075	156	5,300	2.5	2.1								
6N	810	9	163	15	997	1.6	0.4								
6P	495	92	537	78	1,202	2.4	3.5								
6R	1,069	118	948	126	2,261	2.0	2.2								
6S	1,593	170	1,248	167	3,178	2.7	2.7]							







2020 Deer Harvest by County

County	Male Adult	Male Fawn	Female Adult	Female Fawn	Total	Adult Male per Square Mile	Adult Female per Square Mile	Antlerless Deer per square mile
Albany	1,644	151	961	156	2,912	3.1	1.8	2.4
Allegany	4,201	731	4,808	645	10,385	4.1	4.6	6.0
Broome	2,227	320	1,920	285	4,752	3.1	2.7	3.5
Cattaraugus	3,676	736	4,674	669	9,755	2.9	3.7	4.8
Cayuga	2,094	416	2,465	365	5,340	3.0	3.5	4.6
Chautauqua	4,164	871	5,097	762	10,894	3.9	4.8	6.3
Chemung	1,634	207	1,234	180	3,255	4.0	3.0	3.9
Chenango	2,527	342	2,153	303	5,325	2.8	2.4	3.1
Clinton	862	24	446	21	1,353	0.8	0.4	0.5
Columbia	2,039	163	1,448	191	3,841	3.2	2.3	2.8
Cortland	1,311	235	1,388	204	3,138	2.6	2.8	3.6
Delaware	3,497	233	2,123	258	6,111	2.4	1.5	1.8
Dutchess	1,390	139	1,242	171	2,942	1.7	1.5	1.9
Erie	2,819	532	3,174	465	6,990	3.3	3.7	4.9
Essex	988	24	446	17	1,475	0.5	0.2	0.3
Franklin	1,377	38	701	36	2,152	0.8	0.4	0.5
Fulton	696	35	437	33	1,201	1.4	0.9	1.0
Genesee	2,116	492	2,760	434	5,802	4.4	5.7	7.6
Greene	1,519	81	835	98	2,533	2.3	1.3	1.6
Hamilton	605	17	230	16	868	0.3	0.1	0.1
Herkimer	1,743	118	1,141	132	3,134	1.2	0.8	1.0
Jefferson	3,957	453	3,834	315	8,559	3.1	3.0	3.6
Lewis	2,136	155	1,611	119	4,021	1.7	1.3	1.5
Livingston	2,130	691	4,046	615	8,224	4.5	6.4	8.5
Madison	1,969	360	2,166	323	4,818	3.0	3.3	4.3
	2,073	397	2,166	360	•	3.1	3.6	4.5 4.7
Monroe	2,073 1,012	397 79	2,364 685	87	5,194	2.5	1.7	2.1
Montgomery	•				1,863			
Niagara	1,359	246	1,470	219	3,294	2.6	2.8	3.7
Oneida	2,740	304	2,187	247	5,478	2.2	1.8	2.2
Onondaga	1,984	326	1,942	281	4,533	2.6	2.5	3.3
Ontario	2,663	558	3,198	495	6,914	4.1	5.0	6.6
Orange	2,529	337	2,540	378	5,784	3.1	3.1	3.9
Orleans	1,655	409	2,285	358	4,707	4.2	5.8	7.8
Oswego	2,557	334	2,425	279	5,595	2.7	2.5	3.2
Otsego	3,088	337	2,627	372	6,424	3.1	2.6	3.3
Putnam	232	23	219	27	501	1.0	0.9	1.1
Rensselaer	2,039	151	1,452	174	3,816	3.1	2.2	2.7
Rockland	253	15	142	18	428	1.4	0.8	1.0
Saratoga	1,389	114	1,106	126	2,735	1.7	1.3	1.6
Schenectady	498	33	296	40	867	2.4	1.4	1.8
Schoharie	1,865	150	1,301	161	3,477	3.0	2.1	2.6
Schuyler	1,420	266	1,574	239	3,499	4.3	4.7	6.3
Seneca	845	165	972	151	2,133	2.6	3.0	3.9
St Lawrence	3,714	182	1,983	135	6,014	1.4	0.7	0.8
Steuben	6,546	1,049	6,881	976	15,452	4.7	4.9	6.4
Suffolk	1,861	386	1,909	369	4,525	2.1	2.1	2.9
Sullivan	2,983	207	1,964	233	5,387	3.0	2.0	2.4
Tioga	1,707	308	1,734	272	4,021	3.3	3.3	4.4
Tompkins	1,770	307	1,788	269	4,134	3.7	3.8	5.0
Ulster	2,378	201	1,680	221	4,480	2.1	1.5	1.9
Warren	717	16	325	12	1,070	0.8	0.4	0.4
Washington	2,034	104	1,263	125	3,526	2.4	1.5	1.8
Wayne	2,203	509	2,838	442	5,992	3.6	4.7	6.2
Westchester	677	94	422	89	1,282	1.6	1.0	1.4
Wyoming	2,272	542	3,186	491	6,491	3.8	5.3	7.1
Yates	1,624	394	2,233	347	4,598	4.8	6.6	8.8

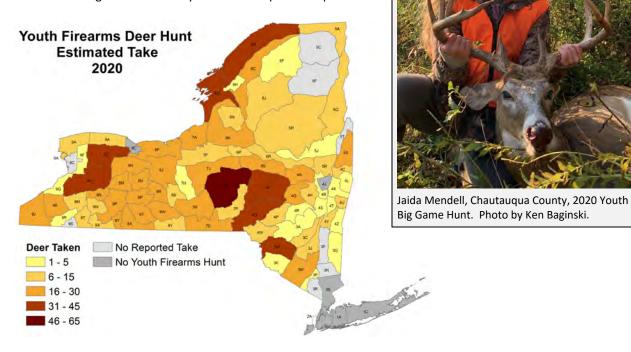
^{*}sum of county total may not exactly match WMU totals due to rounding

2020 Youth Big Game Hunt

New York's Youth Big Game Hunt was held over Columbus Day weekend, October 10-12, 2020. During the youth big game hunt, 14-15-year-old junior hunters could take 1 deer, antlered or antlerless, or a bear with a firearm when properly accompanied by a licensed and experienced adult mentor.

Key Results:

- 1,255 deer taken (40% antlerless and 60% antlered deer)
- 11 black bears taken (4 female and 7 male bears)
- 7,829 junior hunters participated, approximately 66% of eligible junior hunters
- Average harvest density was 2.6 deer per 100 square miles



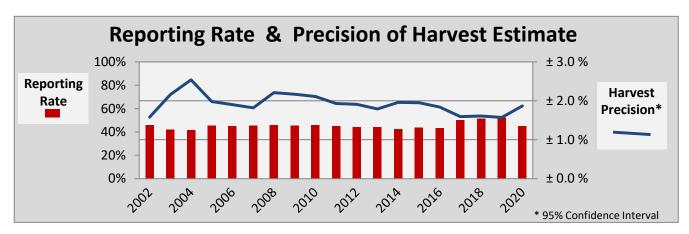
Estimated deer harvest during the 2020 Youth Big Game Hunt in New York.

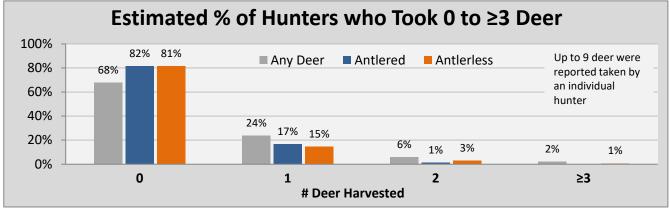
Zone and Tag Ty	pe	Adult Male	Fawn Male	Adult Female	Fawn Female	Total
Northern Zone	Total	134	9	41	7	191
Regula	r Big Game	134	4	20	4	162
Deer Managem	nent Permit	0	5	21	3	29
	DMAP	0	0	0	0	0
Southern Zone	Total	606	61	310	57	1,034
Regula	r Big Game	598	18	92	16	724
Deer Managem	nent Permit	8	43	218	41	310
	DMAP	0	0	0	0	0
Statewide	Total	740	70	351	64	1,255
Regula	r Big Game	732	22	112	20	886
Deer Managem	nent Permit	8	48	239	44	339
	DMAP	0	0	0	0	0

Deer Hunter Reporting Rates

						Deer					
	Regu	lar Big G	<u>ame</u>		MP_	Bow &	Management	Youth	Total		
	NZ	SE	CW	SE	cw	Muzzleloader	Assistance Program		1000.		
2020	47.6	48.6	47.7	45.3	38.8	42.9	93.2	61.1	44.9		
Average (2015 - 2019)	48.3	52.2	50.0	46.8	44.4	51.5	88.8	61.7	48.3		

Note: NYS laws and regulations require all successful deer hunters to report their harvest within 7 days. NZ includes DEC regions 5 & 6; SE includes DEC regions 3 & 4; CW includes DEC regions 7, 8, & 9.





Deer Take by Implement

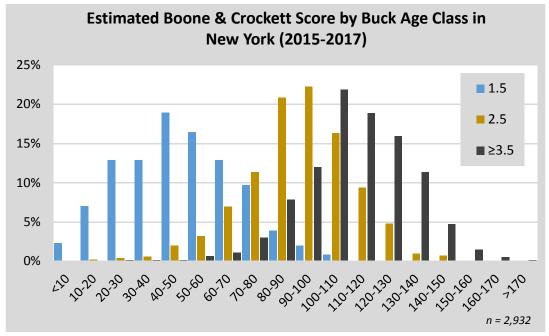
2020	Rifle & Shotgun	Bow	Muzzleloader	Handgun	Crossbow
Estimated Take	155,471	64,537	21,054	1,644	11,285
% of Reported Take	61.2%	25.4%	8.3%	0.6%	4.4%
5-year Average % (2015 - 2019)	65.1%	21.1%	8.8%	0.4%	4.7%

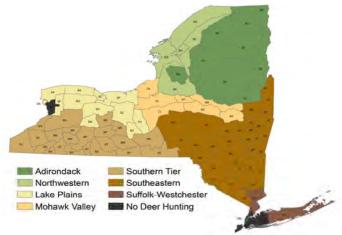
Note: Estimated take by implement is a rough approximation obtained by multiplying the proportion of reported take (for each implement) by the total calculated harvest.

Antler Characteristics by Age Class (2015-2017*)

		Avera	Average # of Antler Points			e Inside (inches)	Spread	_	ge Main gth (inc		Average Boone & Crockett Score		
Region	n	1.5	2.5	≥ 3.5	1.5	2.5	≥ 3.5	1.5	2.5	≥ 3.5	1.5	2.5	≥ 3.5
Adirondack	202	4	6	8	8	13	15	9	13	18	40	76	107
Lake Plains	818	5	8	8	9	14	16	11	17	19	56	100	116
Mohawk Valley	149	5	7	8	9	14	16	10	16	19	49	91	114
Northwestern	136	4	7	8	7	12	14	8	15	18	34	87	107
Southeastern	539	4	7	8	8	13	15	9	14	18	42	82	103
Southern Tier	1,039	5	8	9	9	14	16	10	16	19	48	95	116
Suffolk-Westchester	49	NA**	7	8	NA**	12	16	NA**	14	18	NA**	79	109
New York State	2,932	5	7	8	9	14	16	10	15	18	49	91	112

NA** low sample size



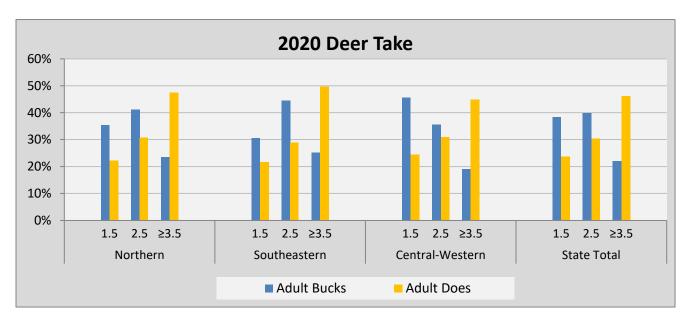


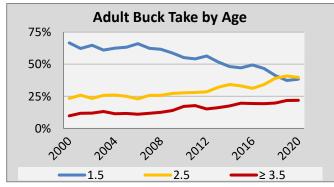
Change in Boone & Crocket Score by Age

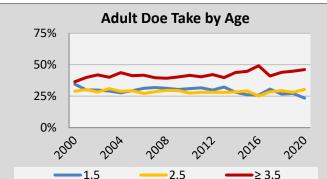
1.5 years to 2.5 years 2.5 years to \geq 3.5 years 88% Increase 23% Increase

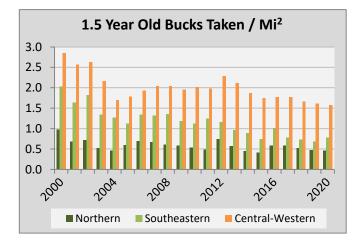
^{*}DEC did not collect data on antler spread or main beam length in 2018 or 2019.

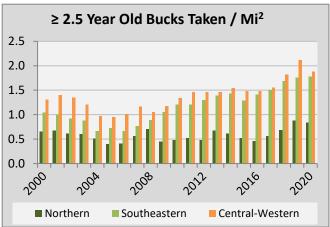
Deer Harvest by Age





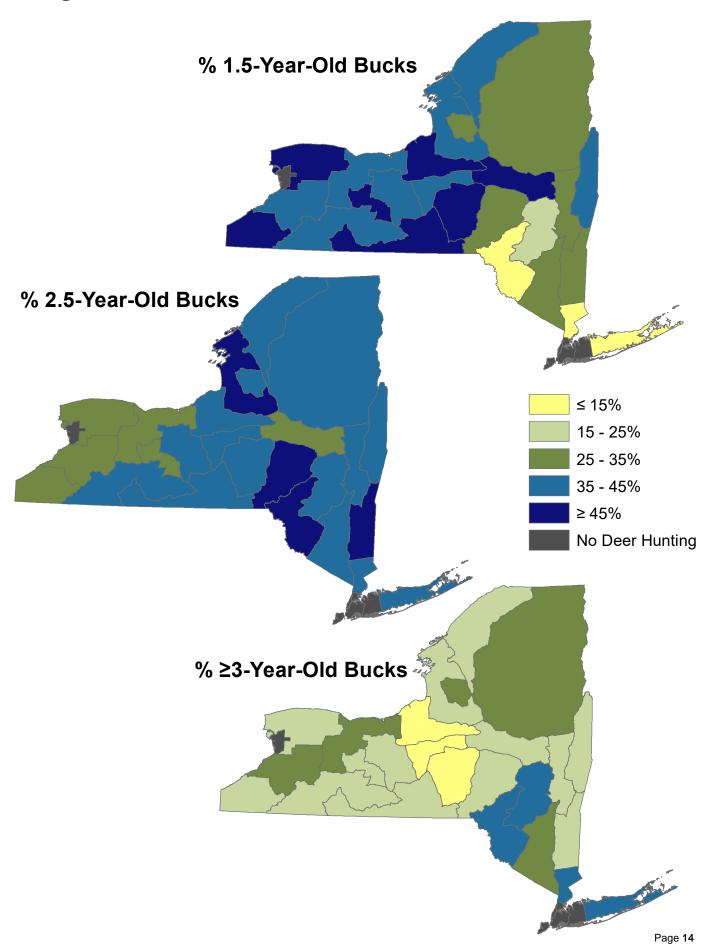






Note: DEC determines deer age by examining tooth wear and replacement patterns of hunter-killed deer in each WMU. See www.dec.ny.gov/docs/wildlife_pdf/deeragingny.pdf for a description of the aging technique. In 2020, DEC checked 14,825 deer throughout New York.

Age Distribution of 2020 Antlered Buck Harvest



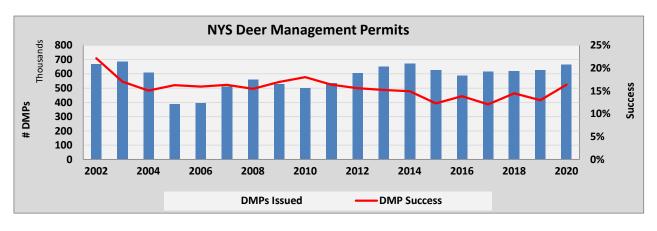
Deer Management Permit Summary - 2020

	2.	DMP		Tot	al DMPs Iss	ued		DMPs		DMP Take	DMP
WMU	Area (mi ²)	Target*	1st	2nd	FCFS**	Bonus	Total***	- Issued per mi ²	DMP Take	per mi²	Success
1C	903.3	Maximize	2,674	6,401	3,942	943	13,018	14.4	2,524	2.8	19.4%
3A	694.3	0	0	0	0		0	0.0	0	0.0	NA
3C	316.1	3,200	3,440	63	0		3,501	11.1	514	1.6	14.7%
3F	331.7	6,800	2,374	3,273	0		5,643	17.0	536	1.6	9.5%
3G	457.1	4,800	3,422	2,969	0		6,389	14.0	646	1.4	10.1%
3H	554.1	3,000	2,969	0	0		3,013	5.4	892	1.6	29.6%
3J	355.6	7,200	2,812	4,558	0		7,372	20.7	811	2.3	11.0%
3K	381.0	550	475	0	0		552	1.4	292	0.8	52.9%
3M	749.2	40,000	7,471	13,367	10,337		31,174	41.6	3,176	4.2	10.2%
3N	222.8	4,400	1,878	2,003	0		3,882	17.4	222	1.0	5.7%
3P	125.1	1,400	1,255	0	0		1,401	11.2	132	1.1	9.4%
3R	206.1	2,600	295	613	655		1,564	7.6	128	0.6	8.2%
35	430.8	Maximize	792	1,926	894	37	3,615	8.4	515	1.2	14.2%
4A	430.1	2,300	2,223	0	0	0,	2,302	5.4	613	1.4	26.6%
4B	161.5	2,800	1,358	1,441	0		2,801	17.3	344	2.1	12.3%
4C	164.8	1,800	2,052	0	0		2,053	12.5	513	3.1	25.0%
4F	1,161.0	15,300	14,032	1,871	0		15,913	13.7	3,221	2.8	20.2%
4G	370.5	2,000	1,660	0	0		2,005	5.4	571	1.5	28.5%
4G 4H	289.8	1,400	1,179	0	0		2,003 1,402	4.8	448	1.5	32.0%
4n 4J		1,400 Maximize	486			60		4.8 21.6	339		
	148.9			1,561	1,164	60	3,210			2.3	10.6% 22.4%
4K	255.9	2,000	2,195	0	0		2,195	8.6	492	1.9	
4L	220.8	200	131	0	0		201	0.9	124	0.6	61.7%
40	760.5	2,400	2,076	0	0		2,413	3.2	856	1.1	35.5%
4P	361.4	1,900	1,905	0	0		1,927	5.3	556	1.5	28.9%
4R	290.2	1,400	1,226	0	0		1,400	4.8	322	1.1	23.0%
45	220.0	900	738	0	0		902	4.1	280	1.3	31.0%
4T	131.8	4,300	1,447	2,795	0		4,300	32.6	416	3.2	9.7%
4U	127.0	300	211	0	0		301	2.4	112	0.9	37.2%
4W	443.2	1,800	1,585	0	0		1,803	4.1	472	1.1	26.2%
4Y	176.5	2,900	2,126	529	0		2,768	15.7	436	2.5	15.8%
4Z	250.7	1,400	1,710	0	0		1,709	6.8	373	1.5	21.8%
5A	609.8	NA	NA	NA	NA		NA	NA	NA	NA	NA
5C	1,125.7	NA	NA	NA	NA		NA	NA	NA	NA	NA
5F	1,328.3	NA	NA	NA	NA		NA	NA	NA	NA	NA
5G	1,112.6	NA	NA	NA	NA		NA	NA	NA	NA	NA
5H	3,046.5	NA	NA	NA	NA		NA	NA	NA	NA	NA
5J	674.3	NA	NA	NA	NA		NA	NA	NA	NA	NA
5R	373.0	8,600	4,486	4,677	0		9,162	24.6	911	2.4	9.9%
5S	421.9	1,500	1,249	0	0		1,503	3.6	434	1.0	28.9%
5T	223.4	140	94	0	0		141	0.6	96	0.4	68.1%
6A	1,471.7	0	4,276	0	0		0	0.0	0	0.0	NA
6C	976.7	3,700	8,301	13,661	0		4,348	4.5	1,050	1.1	24.1%
6F	1,213.0	NA	NA	NA	NA		NA	NA	NA	NA	NA
6G	933.2	20,000	0	0	0		21,980	23.6	3,899	4.2	17.7%
6H	172.6	700	679	0	0		700	4.1	160	0.9	22.9%
6 J	1,576.3	NA	NA	NA	NA		NA	NA	NA	NA	NA
6K	1,161.2	7,700	6,901	0	0		7,712	6.6	1,806	1.6	23.4%
6N	491.4	NA	NA	NA	NA		ΝA	NA	NA	NA	NA
6P	203.0	7,000	1,515	4,357	1,017		6,889	33.9	629	3.1	9.1%
6R	541.8	6,500	5,627	1,476	0		7,100	13.1	1,007	1.9	14.2%
6S	589.1	5,500	5,360	364	0		5,728	9.7	1,263	2.1	22.0%

14/8/411		DMP		Tota	al DMPs Iss	ued		DMPs Issued per	DMD T-1-	DMP Take	DMP
WMU	Area (mi²)	Target*	1st	2nd	FCFS**	Bonus	Total***	mi ²	DMP Take	per mi²	Success
7A	544.9	8,300	6,326	2,500	0		8,822	16.2	1,747	3.2	19.8%
7F	687.2	28,400	4,406	8,039	8,615		21,062	30.6	1,897	2.8	9.0%
7H	357.2	15,100	2,563	2,827	3,747		9,138	25.6	1,283	3.6	14.0%
7 J	838.9	38,200	6,571	13,229	12,401		32,202	38.4	3,557	4.2	11.0%
7M	1,242.3	24,000	16,768	8,155	0		24,940	20.1	3,912	3.1	15.7%
7P	484.8	2,800	2,337	0	0		2,804	5.8	792	1.6	28.2%
7R	739.3	26,400	7,264	12,223	7,370		26,856	36.3	3,066	4.1	11.4%
7S	662.7	13,000	7,770	7,609	0		15,378	23.2	2,640	4.0	17.2%
8A	419.0	16,900	3,980	3,948	6,109		14,038	33.5	2,435	5.8	17.3%
8C	138.1	Maximize	256	343	230	76	829	6.0	237	1.7	28.6%
8F	733.0	35,000	5,754	8,062	10,656		24,470	33.4	3,746	5.1	15.3%
8G	686.2	38,500	5,706	8,810	13,779		28,301	41.2	4,270	6.2	15.1%
8H	574.0	26,600	4,508	6,017	8,921		19,445	33.9	4,170	7.3	21.4%
8J	711.9	22,500	3,939	5,453	7,344		16,734	23.5	2,715	3.8	16.2%
8M	307.4	10,800	4,233	5,413	1,337		10,982	35.7	2,147	7.0	19.6%
8N	314.3	29,800	4,374	7,379	9,801		21,553	68.6	2,608	8.3	12.1%
8P	356.2	4,000	4,571	0	0		4,572	12.8	981	2.8	21.5%
8R	270.0	20,000	3,306	6,592	7,059		16,958	62.8	2,825	10.5	16.7%
88	256.2	5,000	2,596	2,652	0		5,250	20.5	1,152	4.5	21.9%
8T	385.2	4,100	5,562	0	0		5,563	14.4	1,489	3.9	26.8%
8W	439.5	3,800	3,713	0	0		3,799	8.6	1,036	2.4	27.3%
8X	400.5	13,000	5,238	7,714	0		12,961	32.4	2,710	6.8	20.9%
8Y	354.2	7,200	4,143	4,709	0		8,851	25.0	1,519	4.3	17.2%
9A	461.6	20,700	2,653	5,540	5,948		14,141	30.6	1,378	3.0	9.7%
9F	277.0	14,800	1,980	3,709	4,729		10,420	37.6	1,111	4.0	10.7%
9G	229.9	10,300	1,937	3,247	4,163		9,345	40.6	923	4.0	9.9%
9H	973.1	29,000	13,860	15,281	0		29,143	29.9	5,277	5.4	18.1%
9J	693.6	20,400	9,314	10,327	0		19,650	28.3	3,911	5.6	19.9%
9K	446.4	8,400	5,668	4,633	0		10,299	23.1	2,416	5.4	23.5%
9M	329.7	9,100	6,570	3,032	0		9,598	29.1	1,874	5.7	19.5%
9N	207.1	7,800	3,248	5,205	0		8,459	40.8	1,312	6.3	15.5%
9P	581.5	5,600	7,205	0	0		7,296	12.5	2,230	3.8	30.6%
9R	217.6	1,600	1,967	0	0		1,985	9.1	442	2.0	22.3%
9S	91.5	800	977	33	0		1,007	11.0	168	1.8	16.7%
9T	248.4	1,500	1,345	0	0		1,504	6.1	473	1.9	31.4%
9W	250.1	2,500	1,979	0	0		2,509	10.0	643	2.6	25.6%
9X	219.1	1,200	1,390	0	0		1,418	6.5	496	2.3	35.0%
9Y	124.8	4,800	2,595	3,301	0		5,895	47.2	970	7.8	16.5%
	with a target)	712,290	281,049	233,656	123,988		643,497	20.0	105,074	3.3	16.3%
otal (all uni	0 ,	,	285,257	243,887	130,218	1,116	664,169	19.3	108,689	3.2	16.4%

^{*} DMP targets are not established for Long Island (WMU 1C), bowhunting-only units (WMUs 3S, 4J, 8C), or in Adirondack units where state law does not allow DMPs (WMUs 5A, 5C, 5F, 5G, 5H, 5J, 6F, 6J, and 6N).

^{***} Total may not exactly equal the sum of DMPs Issued categories because of corrections to lottery issued DMPs (e.g., tags issued for the wrong WMU or landowners incorrectly denied tags).



^{**} FCFS refers to the leftover tags that are issued on a first-come-first-serve basis beginning November 1.

Deer Management Assistance Program (DMAP)

The Deer Management Assistance Program enables DEC to help landowners and resource managers implement site-specific deer management on their lands. DMAP permits are valid for use only during the open deer hunting seasons and can only be used by licensed hunters. More information about DMAP can be found at www.dec.ny.gov/animals/33973.html.

Statewide Summary 2014-2020

Year	Permits	Tags Issued	Deer Harvested	Average # Deer Taken per Permit
2014	2,190	21,222	12,627	5.8
2015	2,220	22,353	10,847	4.9
2016	1,967	19,584	9,134	4.6
2017	1,929	20,059	8,962	4.6
2018	1,800	19,012	9,004	5.0
2019	1,807	19,209	8,257	4.6
2020	1,837	19,249	8,181	4.5

2020 DMAP Summary by DEC Region

		DEC Region												
	1	3	4	5	6	7	8	9	Total					
Applications Approved	3	127	162	194	178	146	656	371	1,837					
Deer Take	114	745	846	640	978	482	2,588	1,788	8,181					
Average Deer Take per Permit ¹	38.0	5.9	5.2	3.3	5.5	3.3	3.9	4.8	4.5					
% Land Area in DMAP	0.5%	3.2%	1.8%	6.4%	2.2%	1.8%	4.4%	3.5%	3.4%					

2020 DMAP Summary by DEC Region and Type of Complaint

Category ²	,,			DEC R	egion				
Category	1	3	4	5	6	7	8	9	Total
Agriculture	1	80	120	148	147	122	596	273	1,487
Municipal	1	1	1	0	0	1	2	0	6
Significant Natural Community	0	1	1	2	0	0	0	2	6
Forest Regeneration	1	38	35	37	18	18	56	91	294
Custom Deer Mgmt	0	6	5	7	13	4	7	3	45
Adjacent to Unhunted Public Land	0	1	0	0	0	1	1	3	6

The number of carcass tags with each DMAP permit varies by need and property size. Individual hunters may generally only use 2 DMAP tags per permit unless specified on the permit.

² Permits may be issued for more than one category of complaint, so the sum of categories may not equal total applications approved in each region.

Deer Damage Permit Summary

Deer Damage Permits (DDPs) are issued by DEC to reduce deer-related damage on individual properties while damage is occurring, generally outside of hunting seasons. DDPs typically authorize removal of antlerless deer only, though take of antlered deer is authorized for some permits. DDPs authorize deer culling, not deer hunting. The reported take on DDPs is not included in annual deer harvest totals. More information can be found at http://www.dec.ny.gov/animals/104956.html.

Statewide Summary 2013-2020

Year	Permits Issued	Reported Take	Average Take per Permit
2013	1,640	5,104	3.1
2014	1,684	6,076	3.6
2015	1,608	5,588	3.5
2016	1,578	5,688	3.6
2017	1,636	5,101	3.1
2018	1,494	5,388	3.6
2019	1,447	5,160	3.6
2020	1,297	4,966	3.8

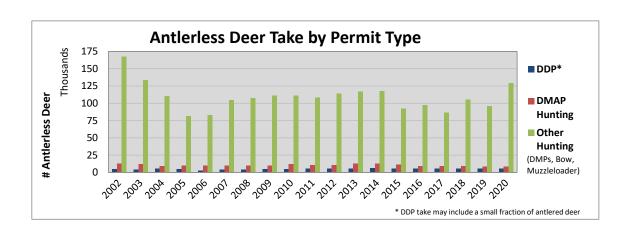
2020 Deer Damage Summary by DEC Region

	 								
	DEC Region								
	1	3	4	5	6	7	8	9	Total
Permits Issued	189	92	98	33	57	109	523	196	1,297
Reported Deer Take	1179	367	322	54	177	824	1,144	899	4,966
Average Take per Permit	6.2	4.0	3.3	1.6	3.1	7.6	2.2	4.6	3.8

2020 Deer Damage Summary by DEC Region and Type of Complaint

Category	DEC Region								
	1	3	4	5	6	7	8	9	Total*
Agriculture	39	51	84	16	49	58	481	155	933
Tree Farm / Orchard	33	37	13	15	6	35	88	33	260
Community / Residential	114	1	0	3	2	11	5	7	143
Park / Preserve	3	3	1	0	1	5	1	3	17

^{*} Permits may be issued for more than one category of damage, so the sum of permit categories may not equal the total permits issued.

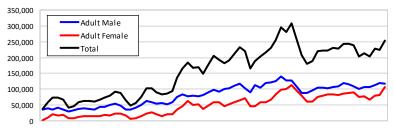


Statewide Total calculated legal deer take in New York state

	MA	LES	FEM		
YEAR	ADULTS	FAWNS	ADULTS	FAWNS	TOTAL
2020	116,433	15,935	106,946	14,676	253,990
2019	120,403	11,139	82,176	10,472	224,190
2018	113,385	17,359	80,584	16,459	227,787
2017	107,804	15,805	67,702	12,116	203,427
2016	107,006	13,883	78,288	13,884	213,061
2015	99,572	15,389	75,157	12,855	202,973
2014	108,604	20,848	90,321	18,899	238,672
2013	114,716	22,395	88,634	17,822	243,567
2012	118,993	20,263	86,644	17,057	242,957
2011	110,002	19,793	82,090	16,474	228,359
2010	106,960	21,131	84,806	17,203	230,100
2009	102,057	19,710	84,330	16,701	222,798
2008	105,747	20,000	79,953	17,279	222,979
2007	104,451	21,096	76,367	17,227	219,141
2006	96,569	18,336	60,102	14,101	189,108
2005	89,015	16,373	61,179	13,647	180,214
2004	88,733	21,022	80,196	18,455	208,406
2003	107,533	26,883	94,376	24,296	253,088
2002	128,292	36,958	113,317	29,649	308,216
2001	127,084	31,414	100,800	22,572	281,870
2000	140,857	31,317	98,265	25,420	295,859
1999	125,392	26,305	84,432	19,830	255,959
1998	121,911	23,652	67,672	17,523	230,758
1997	119,090	21,811	58,772	17,163	216,836
1996	104,689	22,781	59,161	16,134	202,765
1995	113,566	16,670	45,648	12,400	188,284
1994	89,328	18,460	45,106	12,789	165,683
1993	102,431	26,408	71,340	20,109	220,288
1992	117,984	28,257	64,385	22,518	233,144
1991	110,701	24,326	58,765	18,841	212,633
1990	103,258	20,314	51,757	15,481	190,810
1989	99,589	20,600	45,623	16,067	181,879
1988	92,987	23,804	58,464	18,209	193,464
1987	97,595	25,883	59,577	21,660	204,715
1986	90,719	21,622	48,665	17,707	178,713
1985	80,732	17,167	36,972	14,212	149,083
1984	77,596	21,676	53,174	17,864	170,310
1983	79,746	20,082	51,111	16,510	167,449

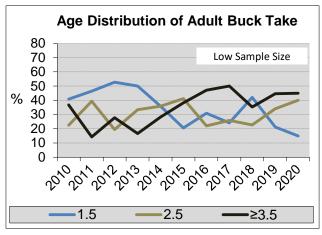
	MA	LES	FEM		
YEAR	ADULTS	FAWNS	ADULTS	FAWNS	TOTAL
1982	78,460	24,436	62,338	20,221	185,455
1981	83,669	19,558	46,962	16,133	166,322
1980	75,441	14,177	35,100	11,537	136,255
1979	59,086	7,855	20,685	6,433	94,059
1978	51,872	7,549	19,921	6,217	85,559
1977	55,880	6,407	15,631	5,286	83,204
1976	54,879	7,808	21,140	6,388	90,215
1975	59,055	9,496	26,937	7,737	103,225
1974	63,266	8,944	23,786	7,307	103,303
1973	49,979	5,849	14,776	4,775	75,379
1972	41,071	3,571	8,130	2,866	55,638
1971	35,821	3,109	6,852	2,508	48,290
1970	36,538	6,450	16,648	5,377	65,013
1969	48,064	8,668	24,061	7,336	88,129
1968	54,010	8,063	23,219	6,873	92,165
1967	51,291	5,684	16,790	4,890	78,655
1966	43,936	6,550	18,121	5,550	74,157
1965	43,846	5,379	13,670	4,525	67,420
1964	35,814	5,444	14,958	4,540	60,756
1963	37,195	6,071	15,496	5,105	63,867
1962	38,782	4,718	15,246	4,035	62,781
1961	36,905	4,490	13,201	3,858	58,454
1960	34,065	1,924	8,079	1,687	45,755
1959	29,606	2,817	7,368	2,515	42,306
1958	35,684	6,815	18,168	5,802	66,469
1957	41,367	7,668	17,214	6,428	72,677
1956	35,592	9,157	19,993	7,573	72,315
1955	40,082	5,250	9,999	4,201	59,532
1954	36,625	314	1,314	296	38,549

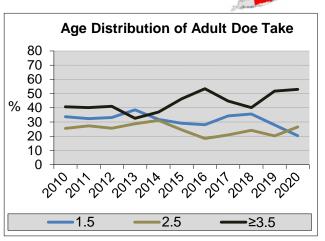
New York State Deer Harvest

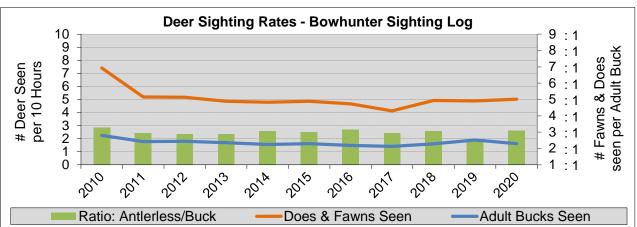


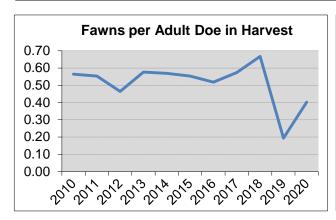
Suffolk - Westchester WMU Aggregate

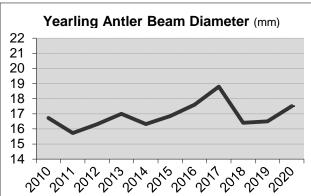
(WMUs 1C, 3S)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

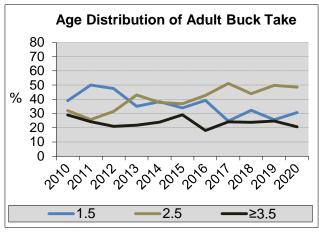
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

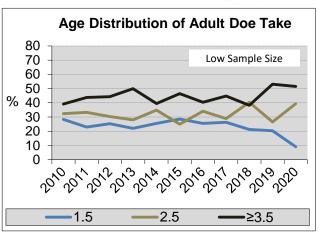
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

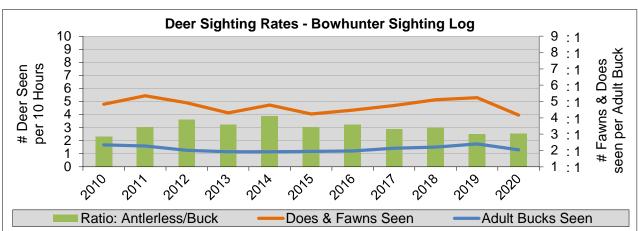
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

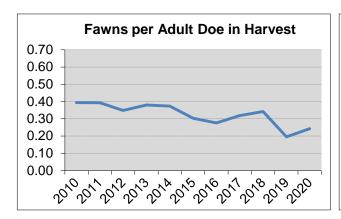
SE Hudson WMU Aggregate

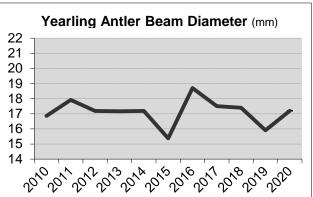
(WMUs 3F, 3G, 3N, 4Z)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

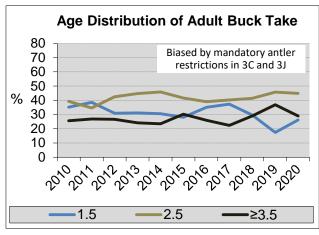
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

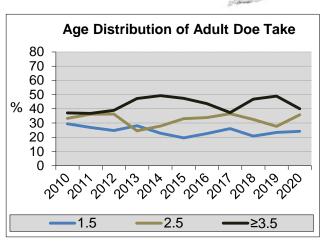
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

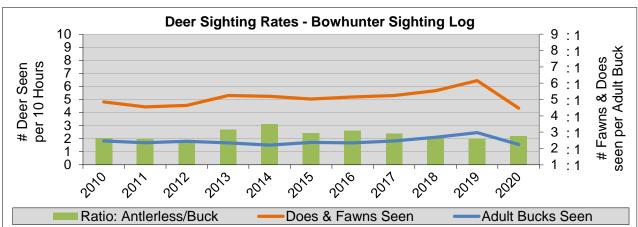
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

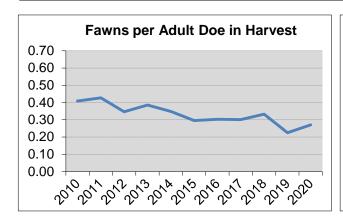
SW Hudson WMU Aggregate

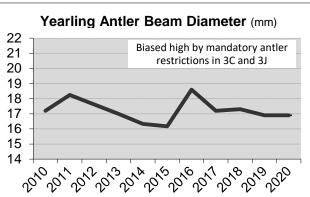
(WMUs 3C, 3J, 3M, 3P, 3R)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

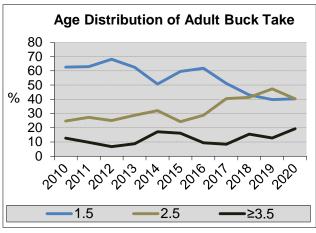
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

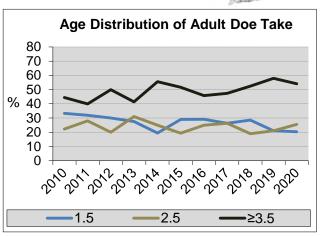
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

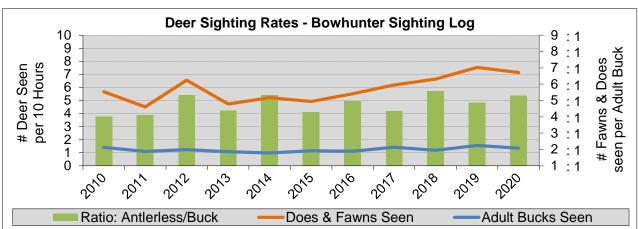
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

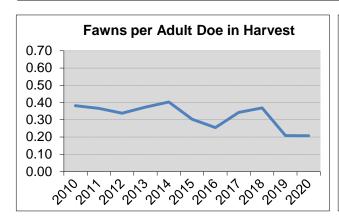
NE Hudson WMU Aggregate

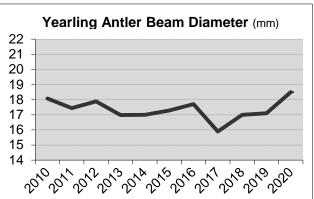
(WMUs 4C, 4K, 4L, 4U, 5S, 5T)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

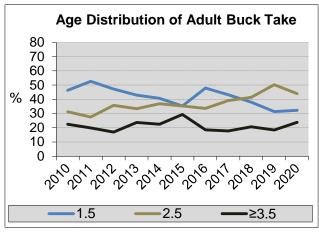
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

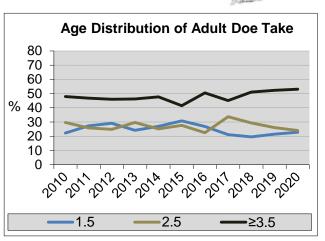
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

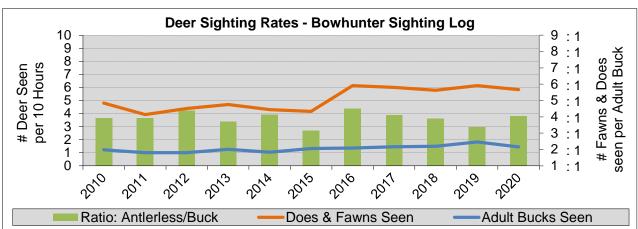
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

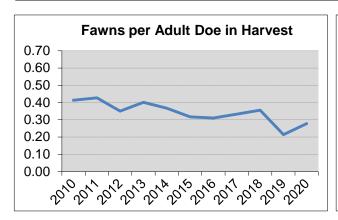
NW Hudson WMU Aggregate

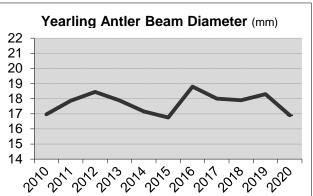
(WMUs 4B, 4J, 4S, 4T, 4Y, 5R)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

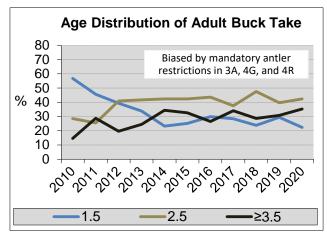
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

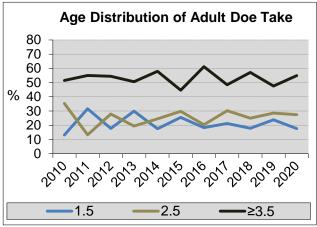
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

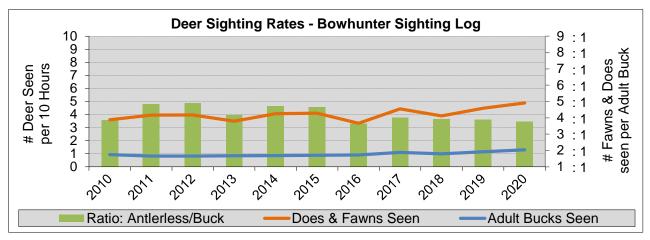
Catskills WMU Aggregate

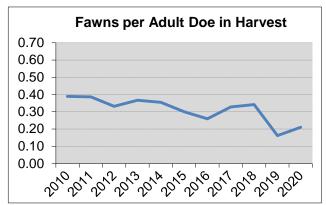
(WMUs 3A, 4G, 4H, 4R)

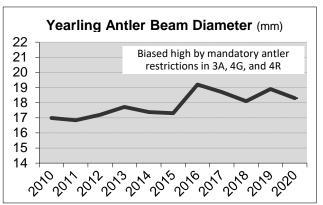












WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

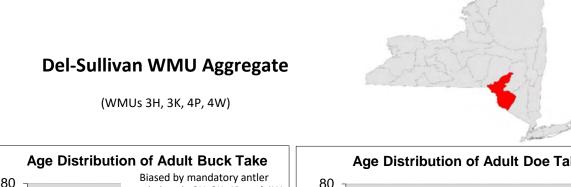
Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

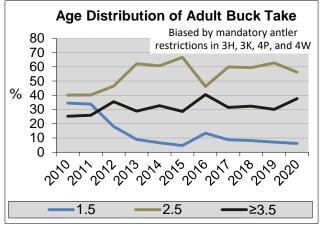
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

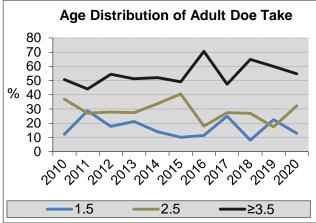
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

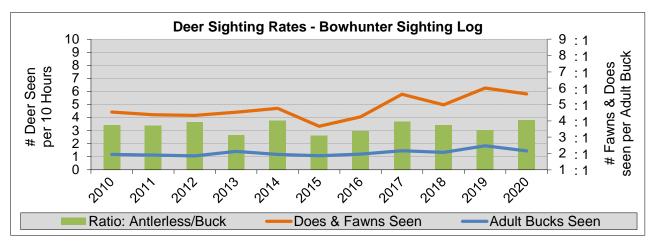
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

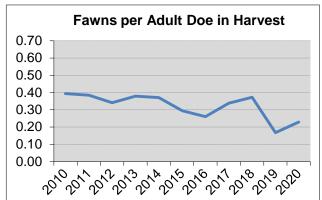
Yearling antler beam diameter is influenced by deer nutrition and hunter choice.

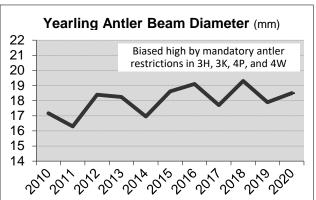












WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

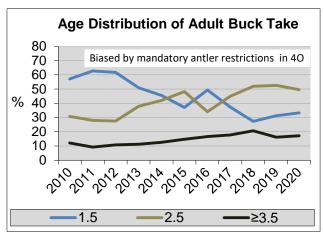
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

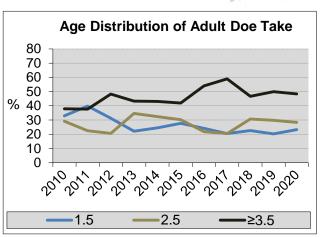
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

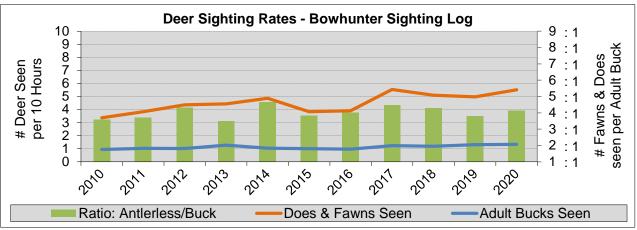
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

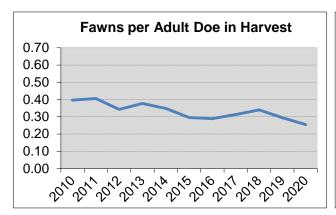
Del-Otsego WMU Aggregate

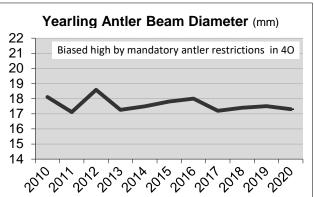
(WMUs 4F, 4O)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

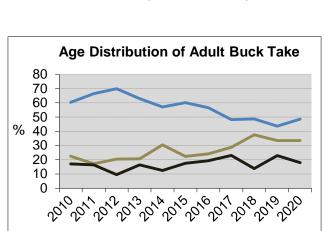
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

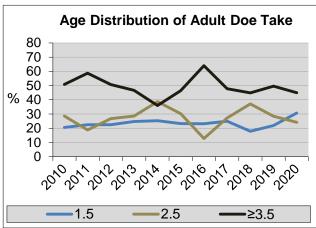
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

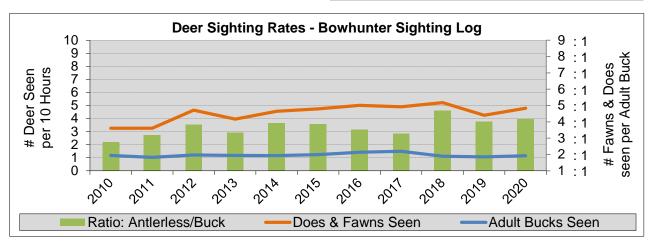
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

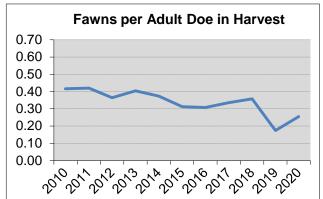
Mohawk Valley WMU Aggregate

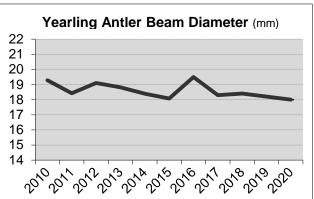
(WMUs 4A, 6R, 6S)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

 $The \ ratio \ of \ fawns \ per \ doe \ in \ the \ harvest \ is \ influenced \ by \ fawn \ production, \ survival, \ and \ hunter \ choice.$

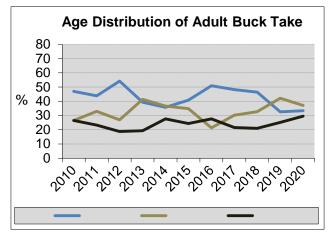
Yearling antler beam diameter is influenced by deer nutrition and hunter choice.

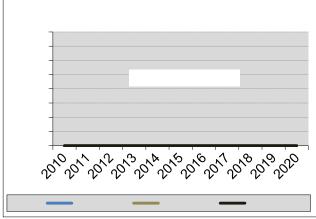
NEW YORK STATE

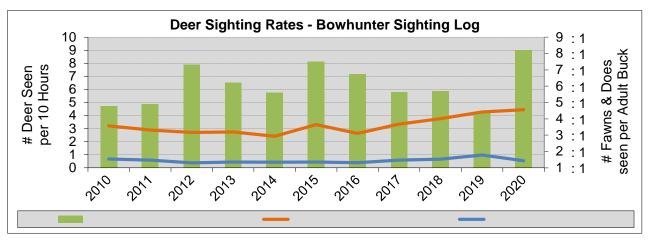
Adirondacks WMU Aggregate

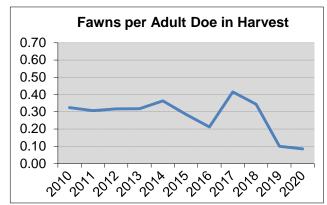
(WMUs 5A, 5C, 5F, 5G, 5H, 5J, 6F, 6J, 6N)

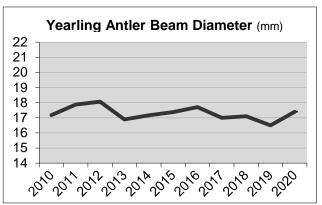












WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

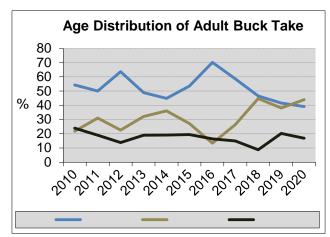
Yearling antler beam diameter is influenced by deer nutrition and hunter choice.

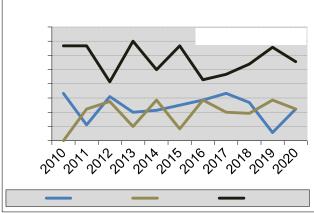
NEW YORK STATE

St. Lawrence Valley WMU Aggregate

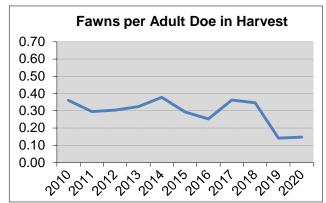
(WMUs 6A, 6C, 6H)

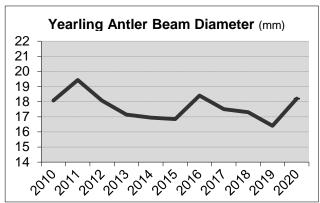












WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

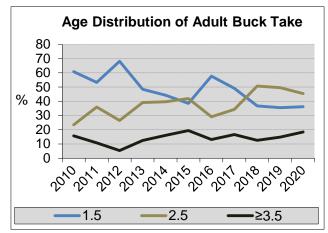
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

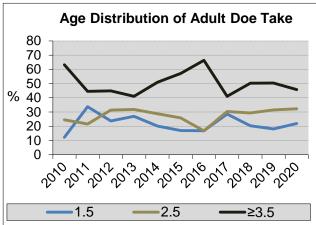
 $The \ ratio \ of \ fawns \ per \ doe \ in \ the \ harvest \ is \ influenced \ by \ fawn \ production, \ survival, \ and \ hunter \ choice.$

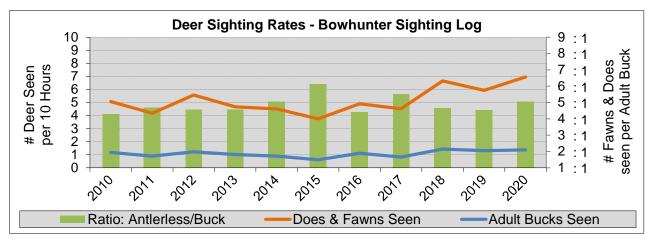
E Lake Plains WMU Aggregate

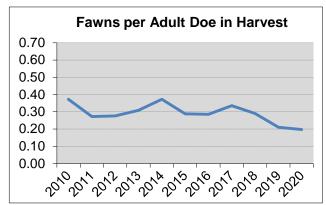
(WMUs 6G, 6K)

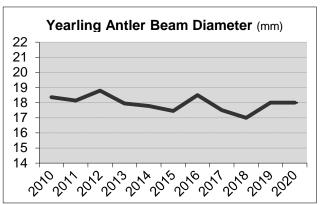












WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

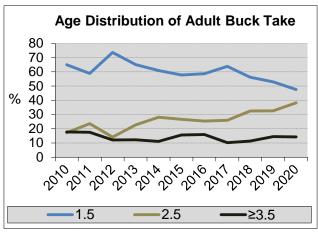
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

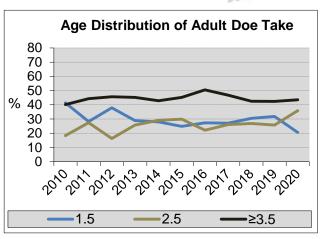
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

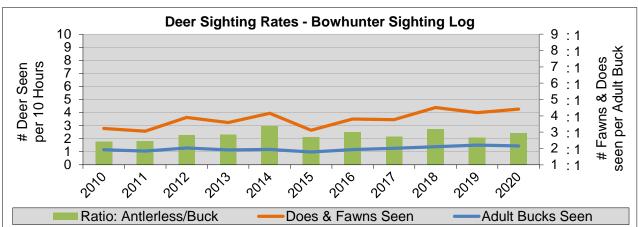
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

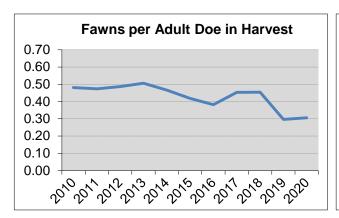
Central NY WMU Aggregate

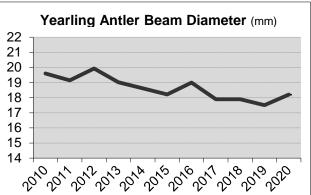
(WMUs 6P, 7A, 7F)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

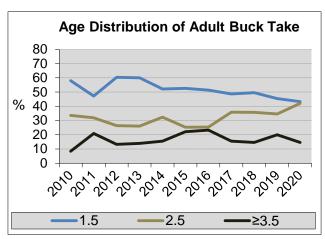
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

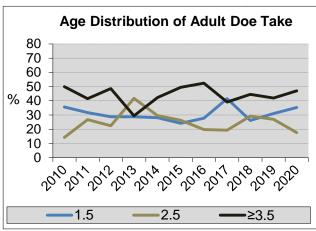
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

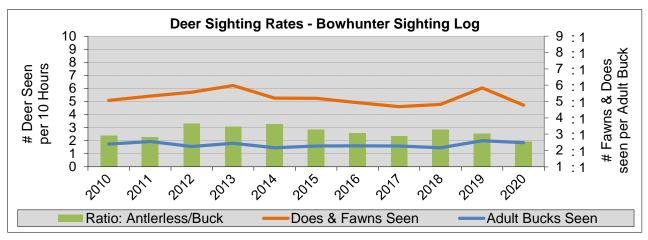
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

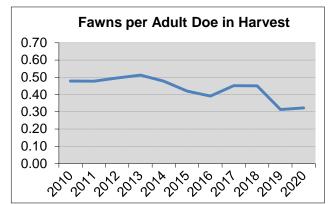
NE Appalachian Hills WMU Aggregate

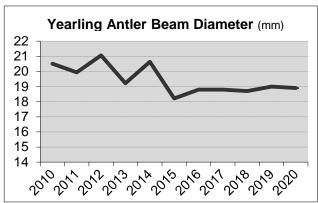
(WMU 7J)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

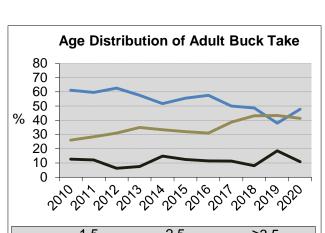
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

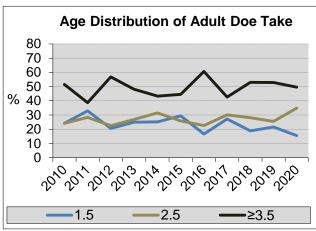
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

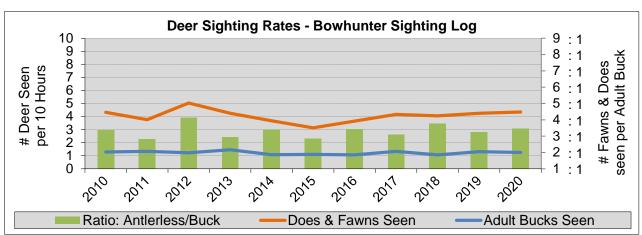
 $The \ ratio \ of \ fawns \ per \ doe \ in \ the \ harvest \ is \ influenced \ by \ fawn \ production, \ survival, \ and \ hunter \ choice.$

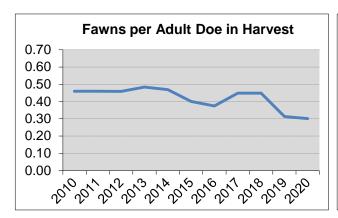
E Appalachian Plateau WMU Aggregate

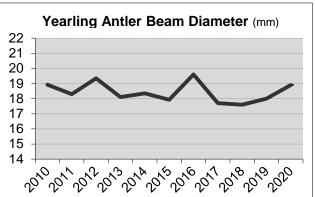
(WMUs 7M, 7P)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

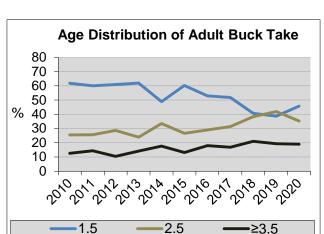
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

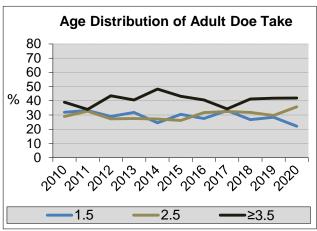
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

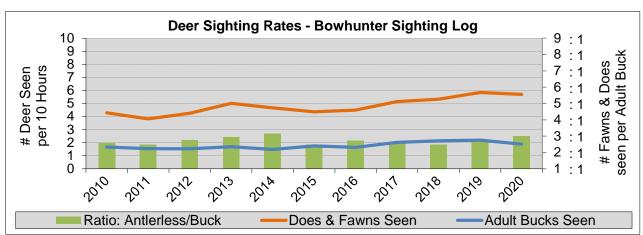
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

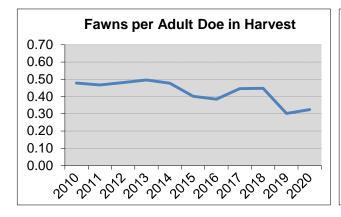
Central Appalachian Plateau WMU Aggregate

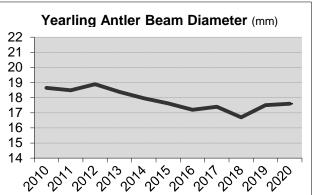
(WMUs 7R, 7S, 8X, 8Y, 9Y)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

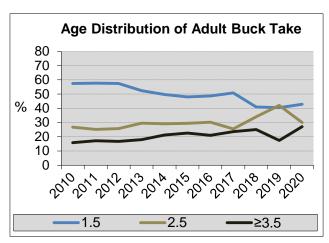
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

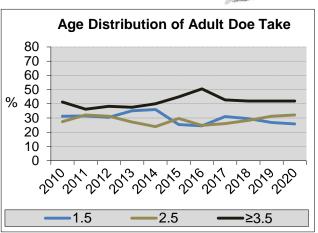
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

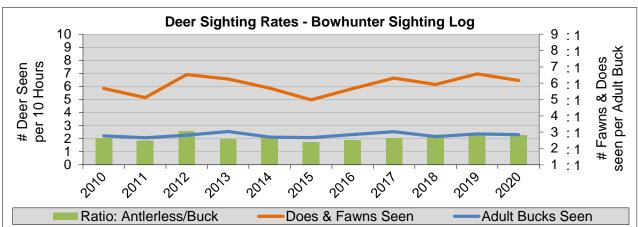
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

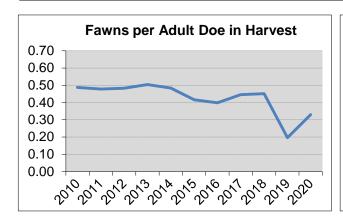
Mid Lake Plains WMU Aggregate

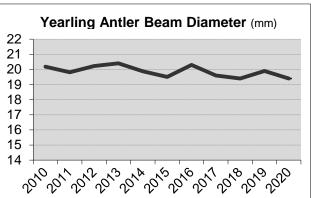
(WMUs 8C, 8F, 8H, 8M)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

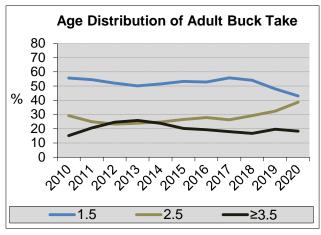
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

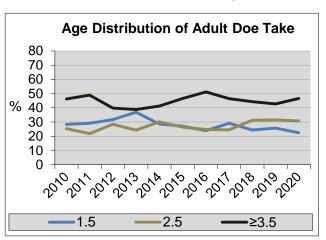
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

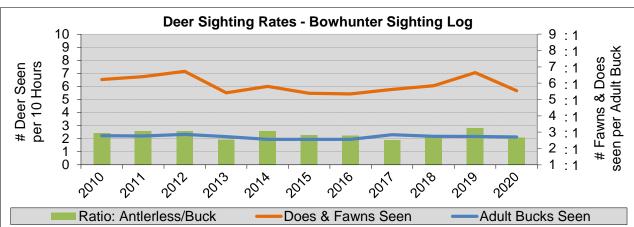
 $The \ ratio \ of \ fawns \ per \ doe \ in \ the \ harvest \ is \ influenced \ by \ fawn \ production, \ survival, \ and \ hunter \ choice.$

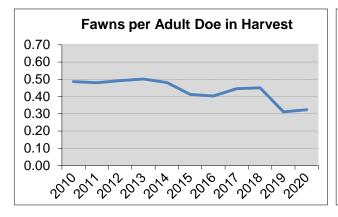
Central Finger Lakes WMU Aggregate

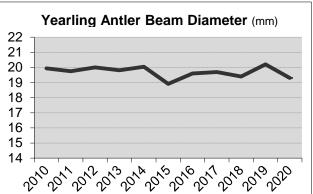
(WMUs 7H, 8J, 8S)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

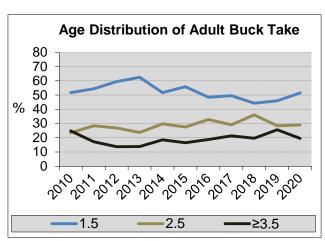
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

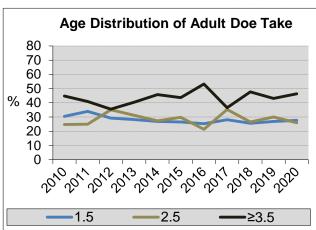
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

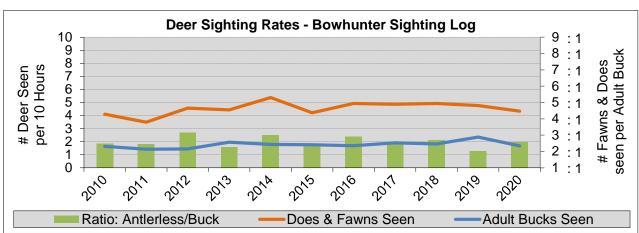
Yearling antler beam diameter is influenced by deer nutrition and hunter choice.

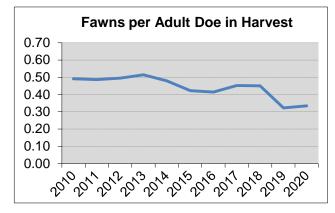
W Finger Lakes WMU Aggregate

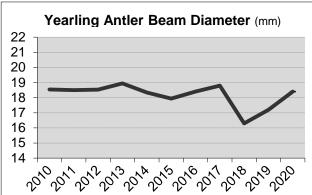
(WMUs 8N, 8R)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

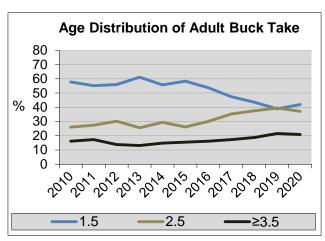
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

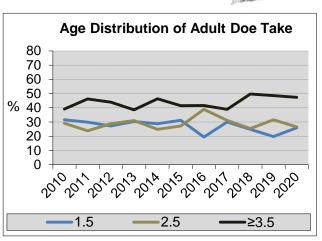
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

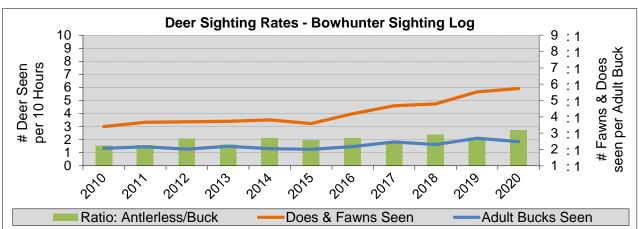
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

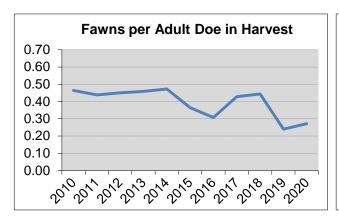
W Appalachian Plateau WMU Aggregate

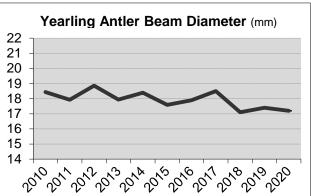
(WMUs 8P, 8T, 8W, 9P, 9S, 9T, 9W, 9X)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

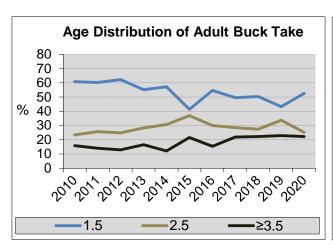
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

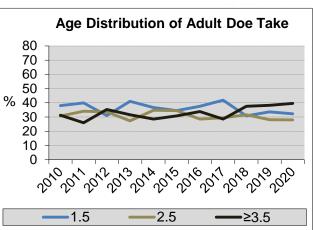
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

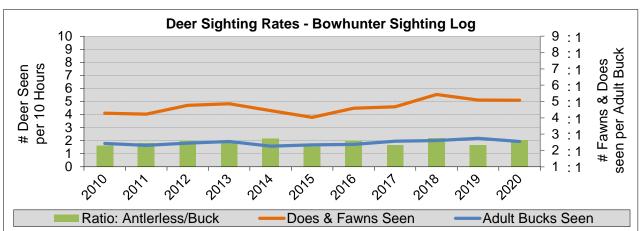
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

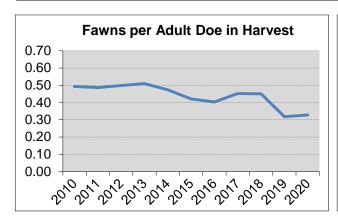
W Lake Plains WMU Aggregate

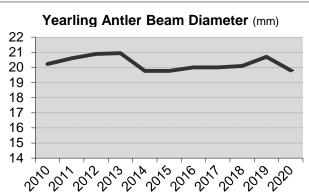
(WMUs 8A, 8G, 9A, 9F)











WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

 $\label{thm:condition} \textit{Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.}$

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

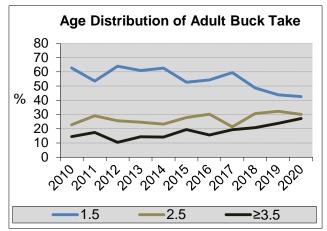
Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

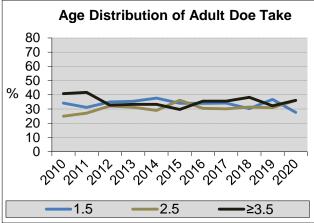
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

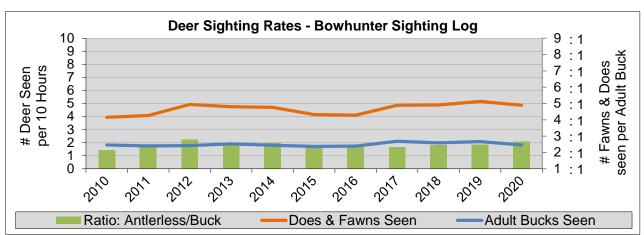
NW Appalachian Hills WMU Aggregate

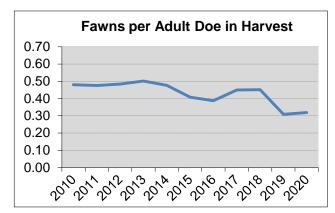
(WMUs 9G, 9H, 9M, 9N)

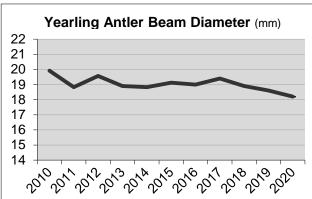












WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

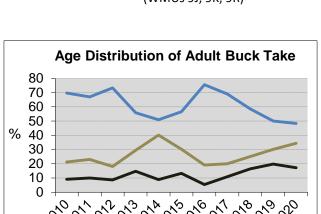
Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

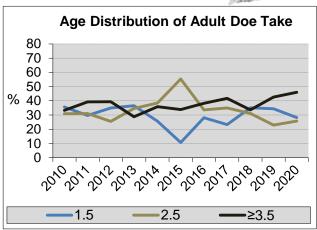
The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

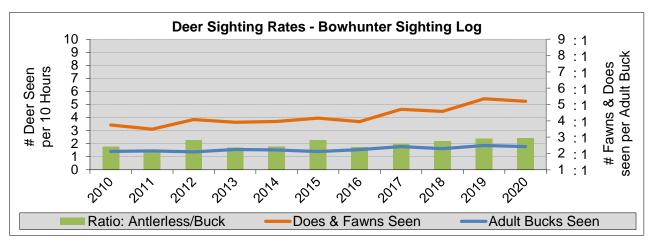
W Appalachian Hills WMU Aggregate

(WMUs 9J, 9K, 9R)

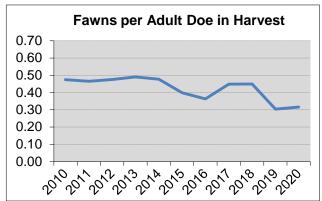


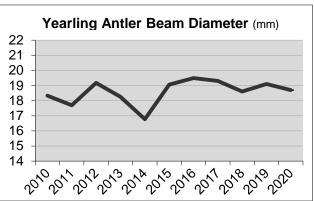
2.5





≥3.5





WMU Aggregates are based on similar ecological features, human population density, land uses, and deer harvest history.

Age distribution of adult buck harvest is influenced by buck survival, hunting pressure, and hunter choice.

Age distribution of adult doe harvest is influenced by doe survival and hunting pressure.

Deer sighting rates are influenced by relative abundance of deer and sex-specific deer behavior.

The ratio of fawns per doe in the harvest is influenced by fawn production, survival, and hunter choice.

