

DEER HUNT RESULTS ON ALABAMA
WILDLIFE MANAGEMENT AREAS

ANNUAL REPORT, 2012-13

CHRISTOPHER W. COOK
STUDY LEADER

DECEMBER 2013

ALABAMA DIVISION OF WILDLIFE
AND FRESHWATER FISHERIES



Federal Aid Project
funded by your purchase of
hunting licenses and equipment

WILDLIFE RESTORATION PROGRAM

Grant Number W-35, Study 2.

Annual Report, 2012-2013

Job II-A: Kill Studies of Deer on Alabama Wildlife Management Areas

Study Leader: Christopher W. Cook

Objective: To measure, record, and evaluate the deer harvest on Alabama Wildlife Management Areas.

Procedures: Project personnel recorded hunter participation and success on each of the 38 wildlife management areas (WMAs)/community hunting areas (CHAs) and 19 physically disabled hunting areas (PDHAs) having deer hunting during the 2012-13 season. For reporting purposes, Black Warrior – Zone A, Black Warrior – Zone B, Upper Delta – Zone A, and Upper Delta – Zone B are considered separate WMAs. The Jackson County Waterfowl Areas, with the exception of the Coon Gulf Tract, are considered a single WMA, as are Swan Creek & Mallard-Fox Creek WMAs and W. L. Holland & Mobile-Tensaw Delta WMAs. Deer were examined and records were made of their sex, age, weight, and antler development when possible. Portions of this information were compiled and computed by project cooperators and submitted to the project leader for further analysis.

Discussion:

Hunter Participation and Success:

The number of deer killed on each WMA, the hunting method, and the man-days of participation are compared in Table I. The figures in Tables I through IX are considered estimates since season permits are issued on many of the areas. Hunter participation and success can vary due to weather, date of hunt, and length of the season. To better understand overall trends, Tables III through VII compare this past season's participation and success with an average of prior years, as well as last year, only for the WMAs offering deer hunting during the 2012-13 hunting season.

Twenty-two WMAs scheduled either-sex deer hunts for youth hunters during the 2012-13 hunting season. Each hunter participating on one of these special hunts had to be less than 16

years of age and had to be accompanied by a non-hunting, licensed adult 25 years of age or older, or a parent. Total participation on these hunts decreased from last year's total of 1,012 youth hunters to 929 youth hunters for 2012-13. The number of deer killed on these hunts increased from 92 in 2011-12 to 118 for 2012-13. These totals (hunters and deer killed) are included in the stalk hunt totals in the following tables. The numbers also are shown in Table II. The primary purpose of the youth hunts is to acquaint young hunters with deer hunting. These hunts will continue on WMAs where there is sufficient interest.

Participation in stalk hunts on the WMAs that offered these hunts during the 2012-13 hunting season increased by over 2,700 man-days when compared to last year's total. Fifteen of the 29 WMAs offering stalk hunts during the 2012-13 hunting season had increases in hunter man-days for stalk hunts when compared to the 2011-12 hunting season. Average man-days hunted per deer killed remained the same at 16.1 for the 2011-12 and 2012-13 seasons. This success rate was slightly better than the average of 16.8 man-days per deer killed for the period of 2006-11 on these same WMAs (Table III). Figure 1 shows estimated success rates for all WMAs offering stalk hunts during the 2012-13 hunting season.

Participation in managed dog hunts remained high when compared to the 2006-11 average for the WMAs offering these hunts (Table IV). Hunter success rates were better this year, going from 18.1 man-days of hunting per deer killed in 2011-12 to 14.7 man-days per deer killed in 2012-13. Hunter success was higher than the 2006-11 average of 19.0 man-days per deer killed. Dog hunting participation was 8.9% of the total deer hunting effort on WMAs during the 2012-13 season and accounted for 10.0% of the total estimated deer kill.

Archery hunting participation dropped sharply in 2012-13, decreasing by over 3,700 man-days from the 2011-12 hunting season totals (Table V). Estimated hunter success rates improved, going from 25.6 man-days per deer killed during the 2011-12 hunting season to 19.7 man-days per deer killed during the 2012-13 season (Table V). The success rate for 2012-13 was lower than the 2006-11 average of 16.3 man-days per deer killed. Archery hunting continues to provide a large portion of the deer hunting recreation on WMAs, representing 25.0% of the total deer hunting effort and 20.7% of the total estimated deer kill. Figure 2 shows estimated success rates for all WMAs offering archery hunts during the 2012-13 hunting season.

Participation in primitive weapons (PW) hunts on the WMAs increased slightly from 3,244 man-days of hunting in 2011-12 to 3,485 man-days of hunting during the 2012-13 hunting season. The success rate on PW hunts improved, going from 12.4 man-days per deer killed during the 2011-12 season to 10.7 man-days per deer killed for 2012-13 (Table VI). Participation on PW hunts represented 4.4% of the total deer hunting effort and 6.8% of the total estimated deer killed on WMAs during the 2012-13 season.

The total hunting effort on the WMAs offering deer hunting during the 2012-13 seasons, as shown in Table VII, decreased slightly (78,834 man-days) when compared to totals from the 2011-12 hunting season (79,689 man-days). This year's hunting effort was less than 1,000 man-days below the average of the previous five years (2006-07 through 2010-11 seasons) for these same WMAs. This year's hunter success ratio of one deer killed per 16.4 man-days of effort for all deer hunts was better than 2011-12's 18.0 man-days per deer killed and the average for the previous five seasons (16.5 man-days per deer killed) on these WMAs.

Hunting Pressure and Kill Per Square Mile:

Total man-days of deer hunting per square mile, as shown in Table VIII, was highest on the Coon Gulf Tract, Riverton, Little River, Barbour, Grand Bay Savanna, Geneva State Forest, Blue Spring, David K. Nelson, Lowndes, Frank W. and Rob M. Boykin, Hollins, and Scotch WMAs, respectively. Total man-days of hunting per square mile was lowest on Fred T. Stimpson (youth only), Seven-Mile Island (archery only), W. L. Holland & Mobile-Tensaw Delta, Black Warrior – Zone A, Upper Delta – Zone B, Swan Creek & Mallard-Fox Creek (archery only), Black Warrior – Zone B, Choccolocco, the Jackson County Waterfowl Areas (archery only), and Lauderdale WMAs, respectively. Stalk hunting made up the largest portion of total use per square mile on most areas (24 of 34). Archery hunts made up the largest portion of use per square mile on Geneva State Forest, the Jacinto Port Tract, Swan Creek & Mallard-Fox Creek (archery only), the Jackson County Waterfowl Areas (archery only), and Seven-Mile Island (archery only) WMAs. Dog hunts made up the largest portion of use on Blue Spring, Frank W. and Rob M. Boykin, Scotch, Upper Delta – Zone A, and Upper Delta – Zone B WMAs. Figures 3 and 4 rank WMAs based on hunting pressure for gun and archery hunts.

Most areas of Alabama can support a balanced deer kill (bucks and does) of ten or more deer per square mile annually, depending on habitat quality. Only two WMAs achieved this level during the 2012-13 hunting season, mainly because of the limited amount of hunting pressure on most WMAs (Table IX). The Coon Gulf Tract had the highest estimated number of deer killed per square mile (44.4), followed by Barbour (10.5), Blue Spring (8.6), and Sam R. Murphy (8.5) WMAs. W. L. Holland & Mobile-Tensaw Delta WMAs had the lowest estimated number of deer killed per square mile (0.4), followed by Swan Creek and Mallard-Fox Creek (0.6), Black Warrior – Zone B (0.9), Black Warrior – Zone A (1.0), and Freedom Hills (1.3) WMAs. WMAs are ranked based on the estimated number of deer harvested per square mile in Figure 5. The Coon Gulf Tract was excluded from Figure 5 due to its unusually high estimated harvest rate.

Weights and Condition of Deer:

Average weights of deer within specific age classes are one of the best indicators of overall herd condition (Table X). An average live weight under 95 pounds for 1-½ year old males (i.e., yearlings) can be an indicator of poor physical condition caused by insufficient nutrition, either from poor habitat, heavy competition for food from other deer, or both. Where the yearling males have an average body weight of 95 to 105 pounds on areas with good soils, there should be concern the deer population exceeds the capacity of the land to support the herd in good condition. The deer population should be reduced to a more healthy level in any situation where competition for food is the cause of low body weights in deer. Areas in Alabama with yearling males averaging above 110 pounds live weight usually are not carrying an excess of deer and efforts should be made to keep those populations at current levels.

Average yearling male body weights among all WMAs averaged 104 pounds for the 2012-13 hunting season, which is higher than the average for the 2011-12 season (102 pounds). The Jackson County Waterfowl Areas (128 pounds), Black Warrior – Zone A (121 pounds), Lauderdale (116 pounds), Swan Creek and Mallard-Fox Creek (115 pounds), Hollins (115 pounds), and Geneva State Forest (113 pounds) WMAs reported average yearling male body weights that exceeded 110 pounds. Twelve other WMAs reported average yearling male body weights between 100 and 110 pounds. Perdido River (87 pounds), Fred T. Stimpson (88 pounds), Black Warrior – Zone B (87 pounds), Frank W. & Rob M. Boykin (88 pounds), Perdido River (91 pounds), Freedom Hills (90 pounds), Oakmulgee (94 pounds), and Choccolocco (98

pounds) WMAs had average yearling male body weights less than 100 pounds. Figure 6 shows the average body weights for 1-½ through 4-½+ years old and older bucks harvested on each WMA.

Antler Development:

Antler development (i.e., number of antler points, antler base circumference, main antler beam length, and inside antler spread) for all age classes of bucks was very good on some areas, such as Barbour, Black Warrior – Zones A & B, Coosa, Hollins, James D. martin-Skyline, Mulberry Fork, Sam R. Murphy, Scotch, and William R. Ireland, Sr.-Cahaba River WMAs, but remains poor on others (Tables XI and XII). Figure 7 shows the percentage of 2-½ year old and older bucks harvested on WMAs with 8 or more points, 18-inch or longer main beam lengths, and 15-inch or wider inside spreads for areas where these data were collected.

In most situations, a high percentage of spikes in the yearling age class and a significant occurrence of spikes in the older age classes are a reflection of poor habitat conditions and/or an overcrowded population. The heavy harvest of yearling bucks on some WMAs prevents significant numbers of bucks from reaching the older age classes. This alone continues to limit the harvest of bucks 2-½ years old and older on these WMAs. Corrections to both nutritional deficiencies and buck age structure are necessary in order to bring about improvements in the quality of bucks harvested. However, on areas with poor soil fertility and/or habitat quality, reducing competition for food by reducing deer populations may require the removal of more deer than may be acceptable to many WMA hunters. On very poor quality sites, even a significant reduction in deer numbers may not produce improvements in deer quality. For this reason, some areas may not be suited for this type of management.

Seven WMAs utilized an antler point restriction (APR) for antlered buck harvests during the 2012-13 hunting season. These included Barbour, Black Warrior – Zone B, Freedom Hills, Geneva State Forest, Lauderdale, Lowndes, and Riverton WMAs. Bucks must have at least 4-points on one antler to be legal for harvest on Black Warrior – Zone B. Bucks must have at least 3-points on one antler to be legal for harvest on the other six areas. All six WMAs managed using APRs where age-specific deer harvest data are collected have shown improvements in the

age structure of the antlered buck harvest since implementing the APR, with Barbour, Freedom Hills, Geneva State Forest, Lauderdale, and Lowndes WMAs showing the most improvement. This was the primary reason for using APRs on these areas. Prior to the APRs, 1-½ year olds were the largest single age class in the annual buck harvest on all of these areas. For the 2012-13 hunting season, 87% of the reported antlered buck harvest on areas with APRs were 2-½ years old and older, while 59% of the reported antlered buck harvest on areas without APRs were 2 ½ years old or older (Table XIII and Figure 8). The current management strategies on all seven areas also should produce a higher percentage of adult bucks (2-½ years old and older) in the population, as well as a more balanced adult sex ratio, more intense rutting behavior, and many other traits characteristic of a healthy, balanced deer herd managed under quality deer management (QDM) guidelines. Biologists on these areas will continue to collect biological data, as well as public opinion data, to monitor the status of the deer herd and the hunters using these WMAs. These data are used to evaluate the effectiveness of current management practices used on the areas and aid biologists in making decisions to help achieve their long-term management objectives. As the public's demand for more WMAs managed for better quality deer becomes stronger, the Division of Wildlife and Freshwater Fisheries may decide to initiate QDM programs on other public hunting areas in the future. The majority of Alabama's WMAs will continue to be managed for maximum opportunity for buck harvest until that time.

Physically Disabled Hunting Areas:

Alabama's Physically Disabled Hunting Trail is a network of public and private recreational sites throughout the state providing accessible deer hunting opportunities for individuals with physical disabilities. The trail has been developed by the Division of Wildlife and Freshwater Fisheries of the Department of Conservation and Natural Resources in cooperation with a broad range of sponsors. The nineteen PDHAs open for deer hunting by physically disabled hunters during the 2012-13 hunting season provided 950 man-days of deer hunting opportunity, which was more than the 2011-12 hunting season (832 man-days). Hunters killed 97 deer (47 bucks and 50 does) on these areas. Hunters killed one deer for every 9.8 man-days of hunting effort expended, which was worse than last year's success rate of 6.6 man-days of hunting effort per deer killed. The number of man-days of hunting effort expended, number of deer killed, and hunter success rates are summarized in Table XIV.

Remarks:

Wildlife management areas provide a significant portion of the deer hunting opportunity in Alabama. This year a 48.4% sample of the total estimated deer harvest on WMAs was used in Tables X, XI, and XII. Project cooperators entered check station data on age, sex, weight, and antler development on bucks harvested from WMAs on computer and submitted a copy of these data to the project leader for analysis. Table XIII represents the number of male and female deer by age class used in the 48.4% sample collected from the various management areas. Efforts to improve the accuracy of the tables and to expand our survey will continue when necessary to better manage the resource.

This study was a contribution of the Alabama Division of Wildlife and Freshwater Fisheries supported in part by funding from the Federal Aid in Wildlife Restoration Program, Project W-35, Study 2.

The Department of Conservation and Natural Resources does not discriminate on the basis of race, color, religion, age, gender, national origin, or disability in its hiring or employment practices nor in admission to, access to, or operations of its programs, services, or activities. This publication is available in alternative formats upon request.

Figure 1: Man-Days Per Deer Harvested for Stalk Hunts, 2012-13 Hunting Season

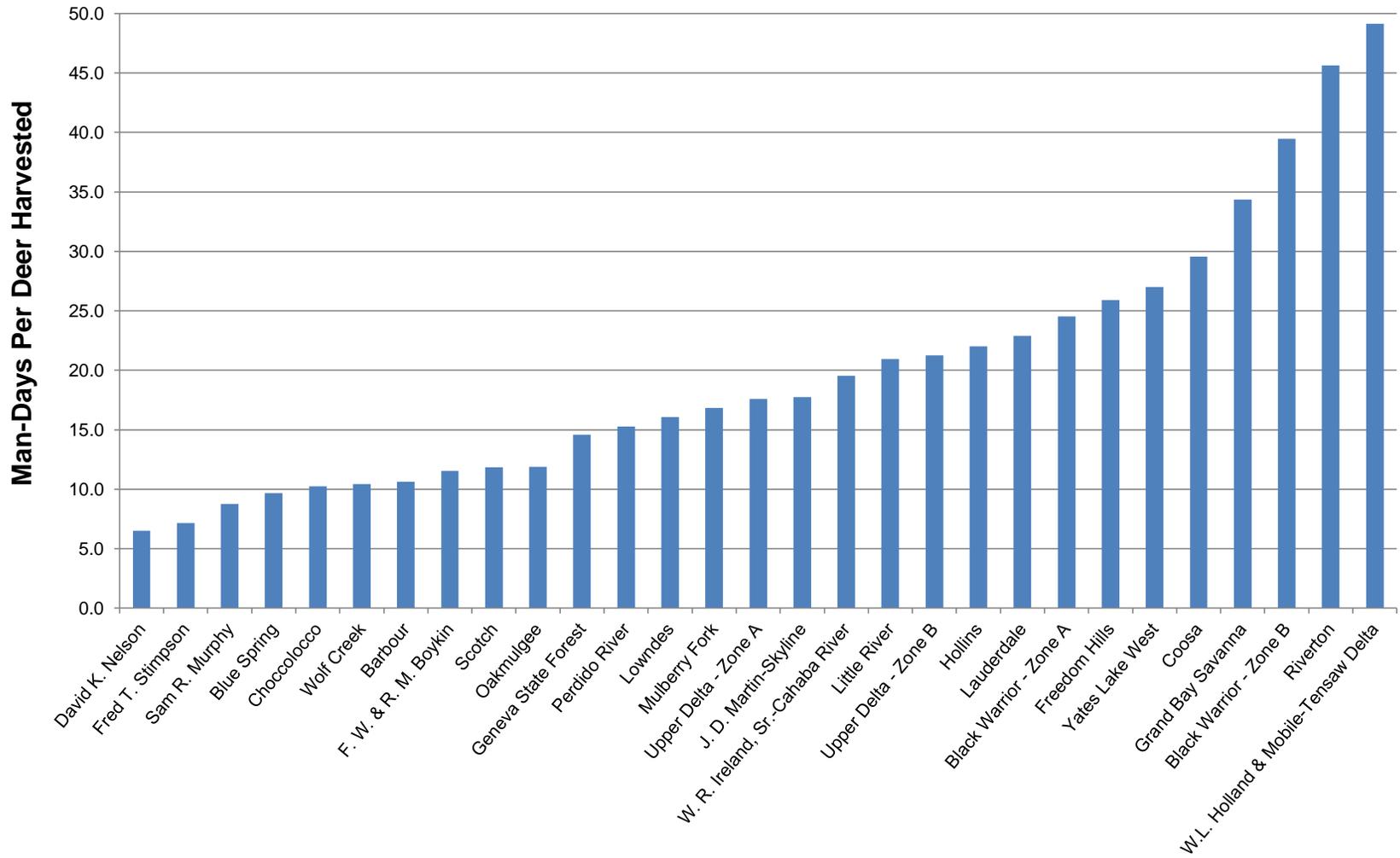


Figure 2: Estimated Man-Days Per Deer Harvested on Archery Hunts, 2012-13 Hunting Season

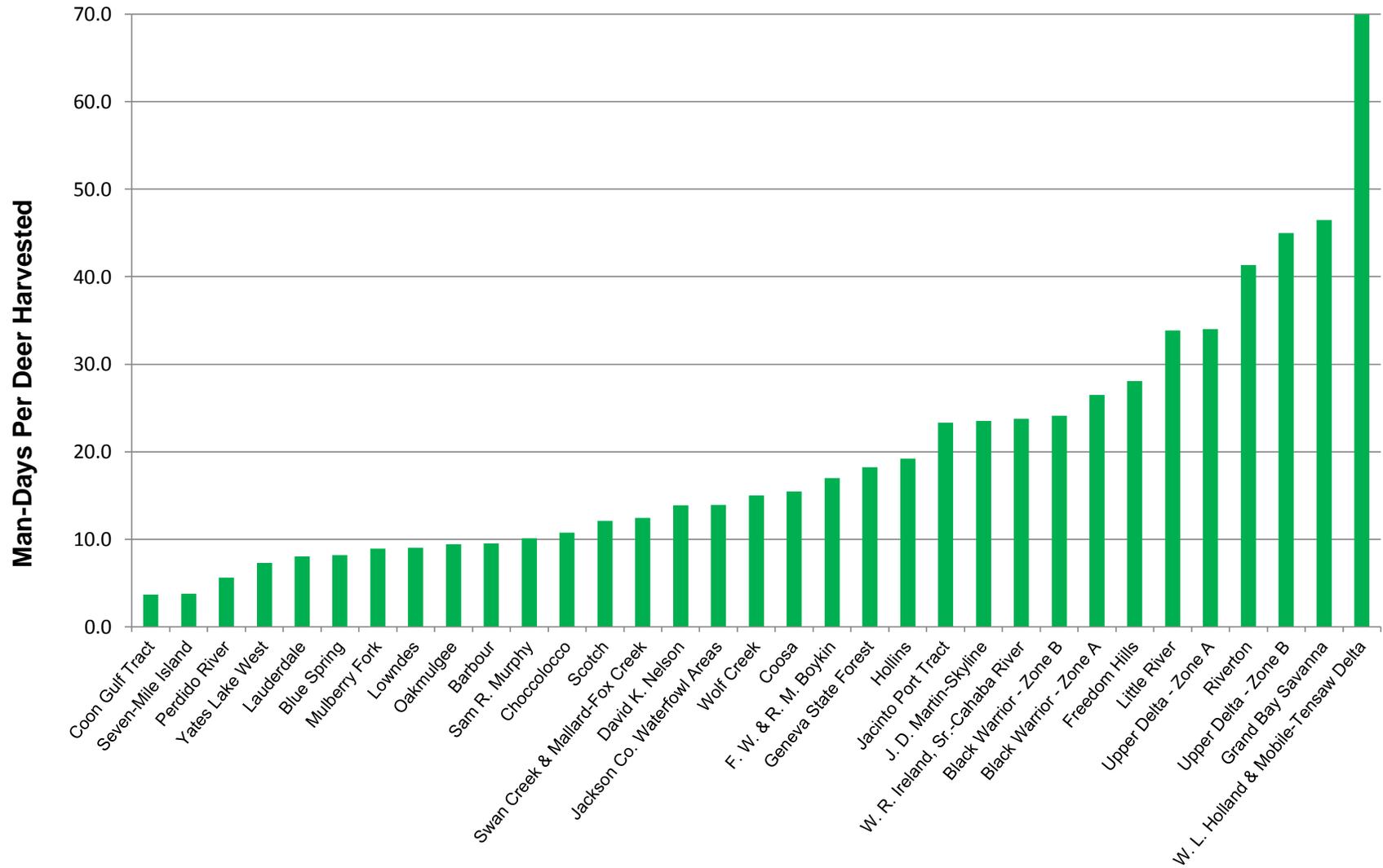


Figure 3: Man-Days of Gun Hunting Pressure Per Square Mile, 2012-13 Hunting Season

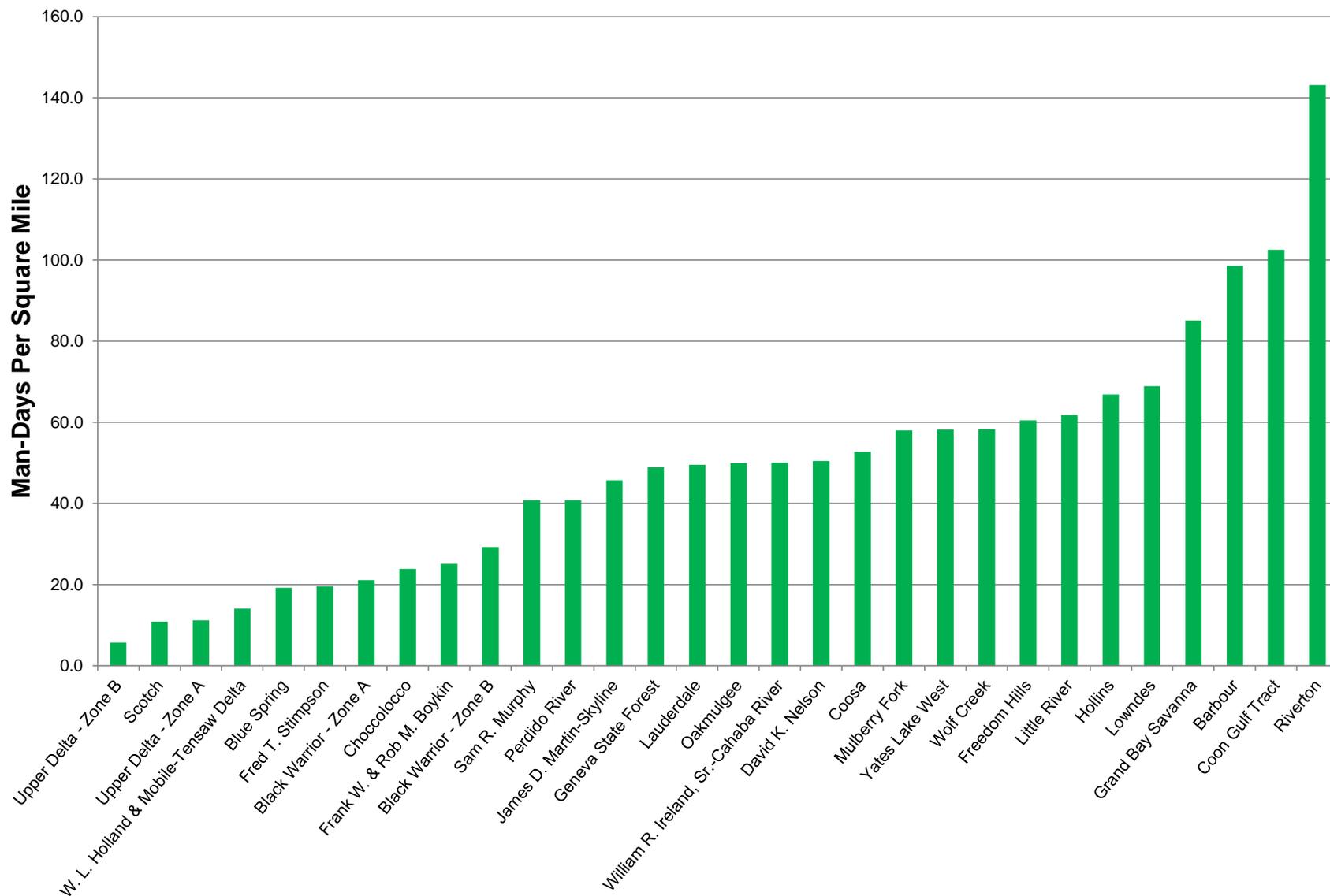
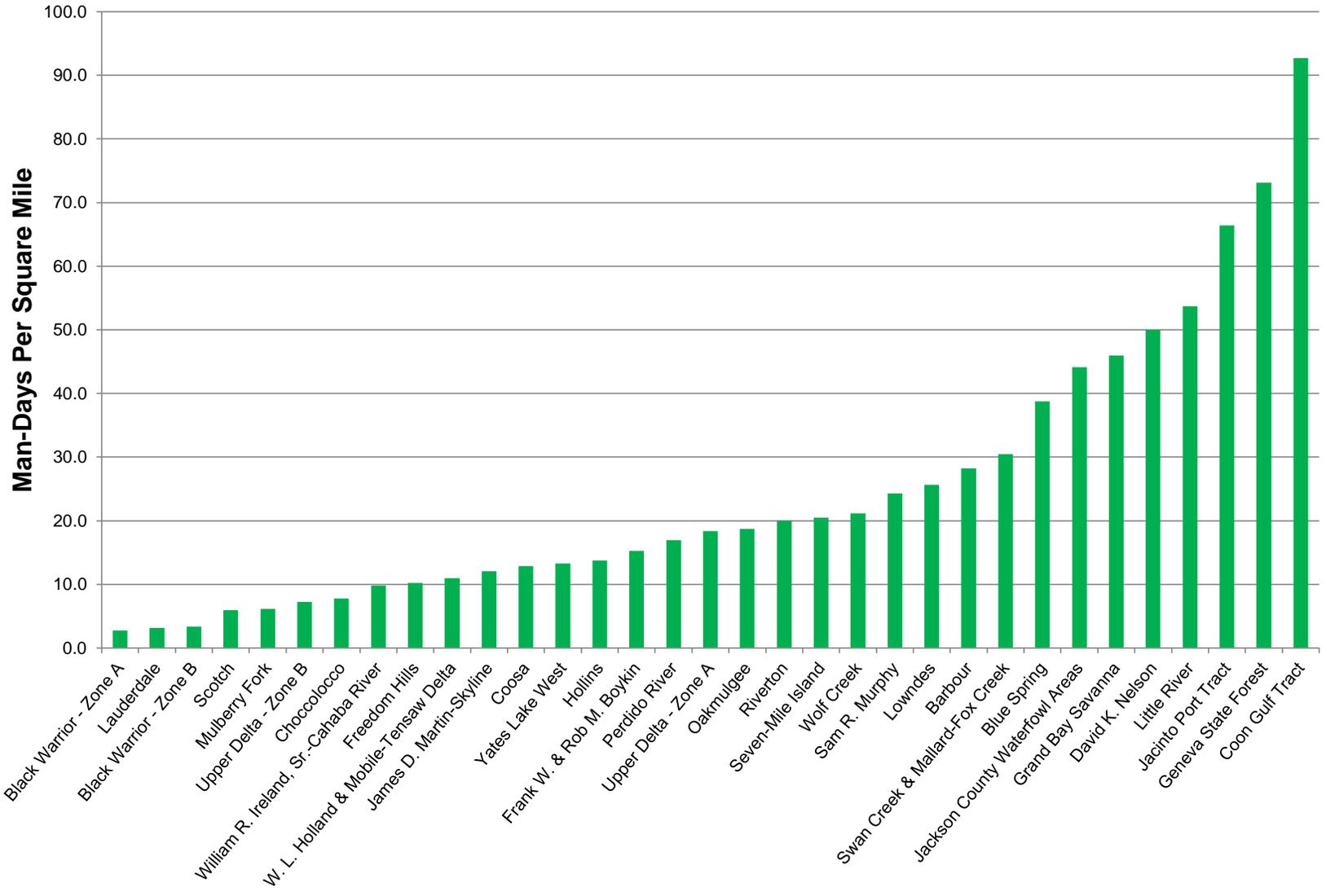


Figure 4: Man-Days of Archery Hunting Pressure Per Square Mile, 2012-13 Hunting Season



**Figure 5: Deer Harvested Per Square Mile,
2012-13 Hunting Season**

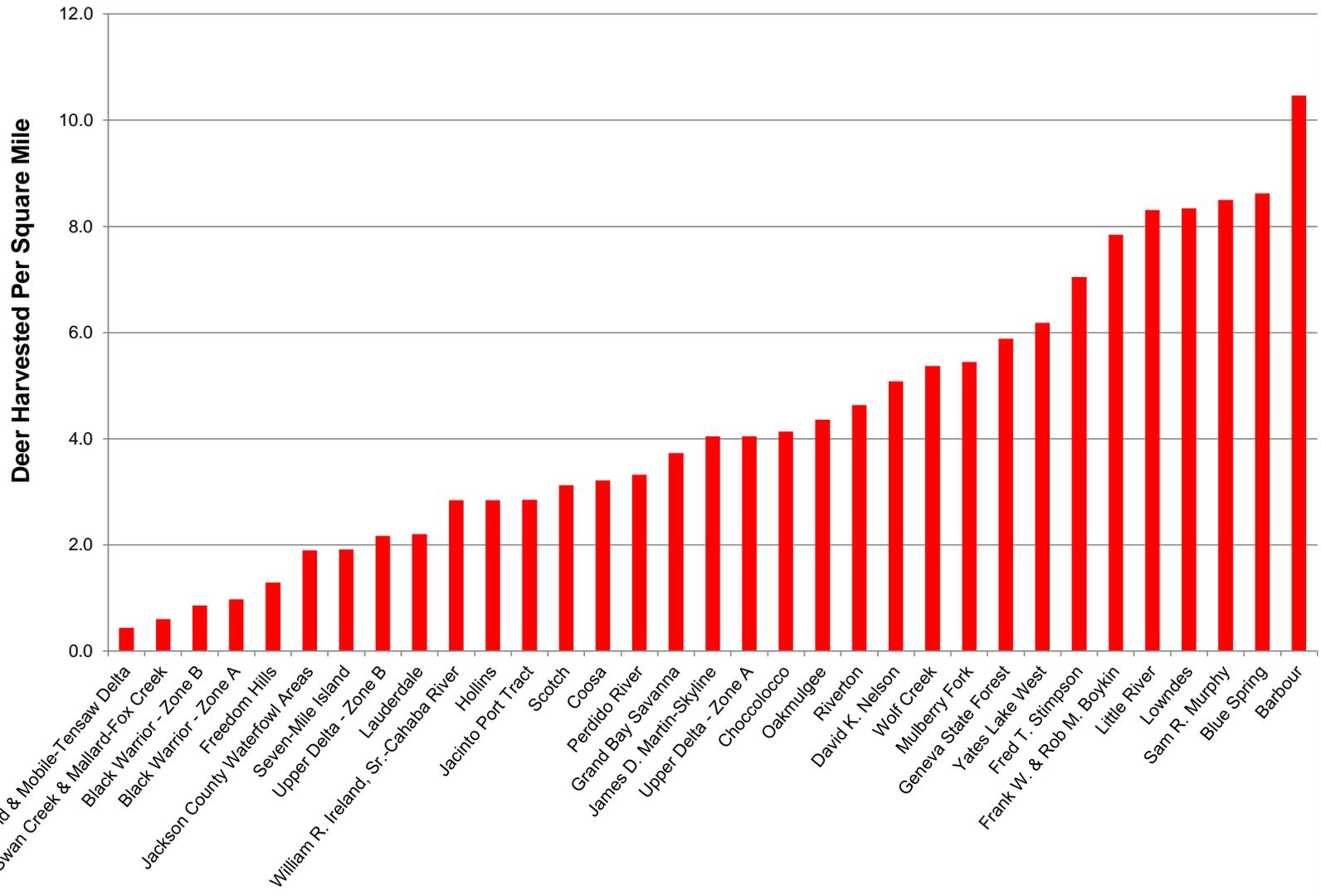


Figure 6: Average Live Weights for Bucks, 2012-13 Hunting Season

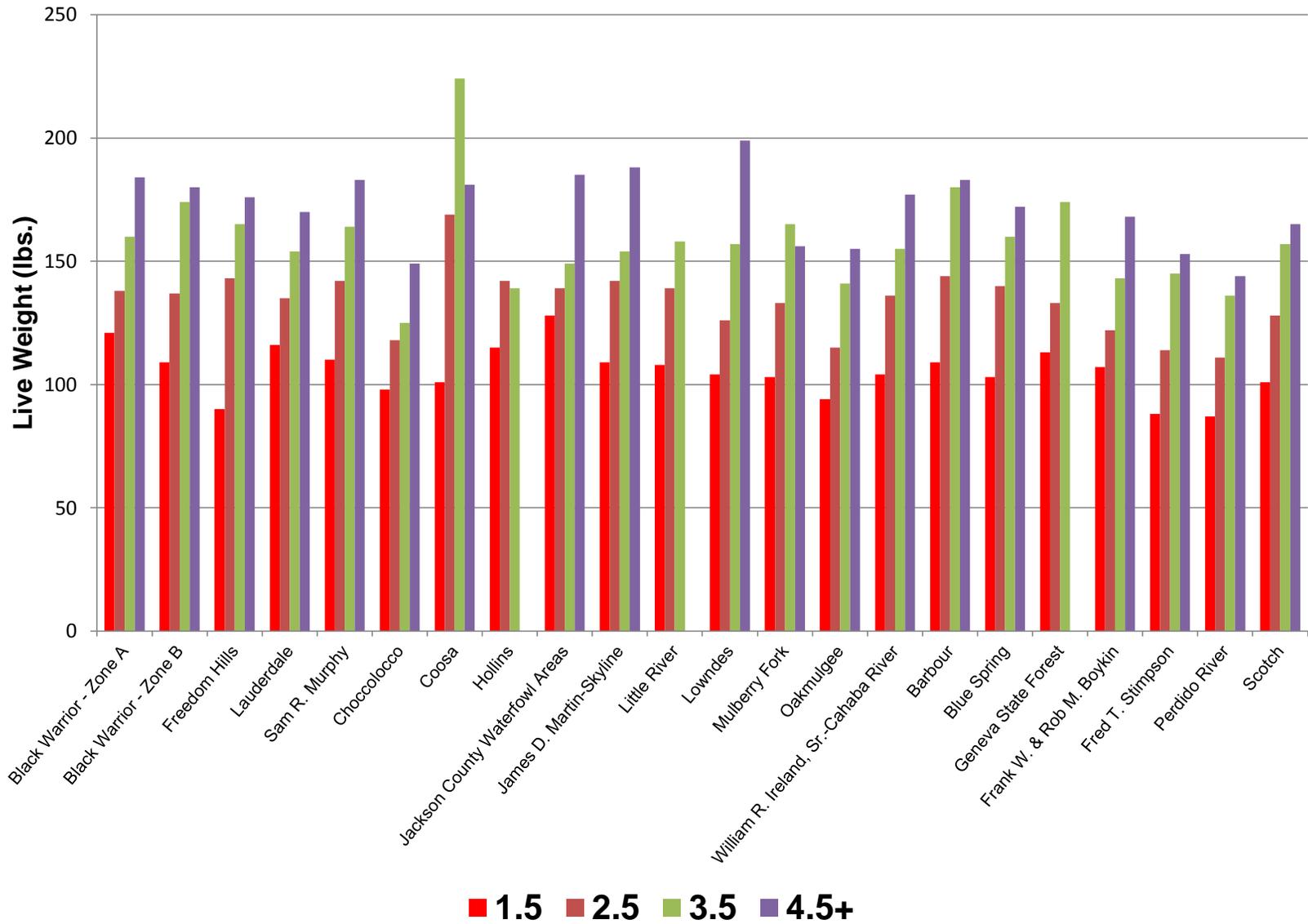


Figure 7: Antler Characteristics of 2.5+ Years Old Bucks Harvested on WMAs, 2012-13 Hunting Season

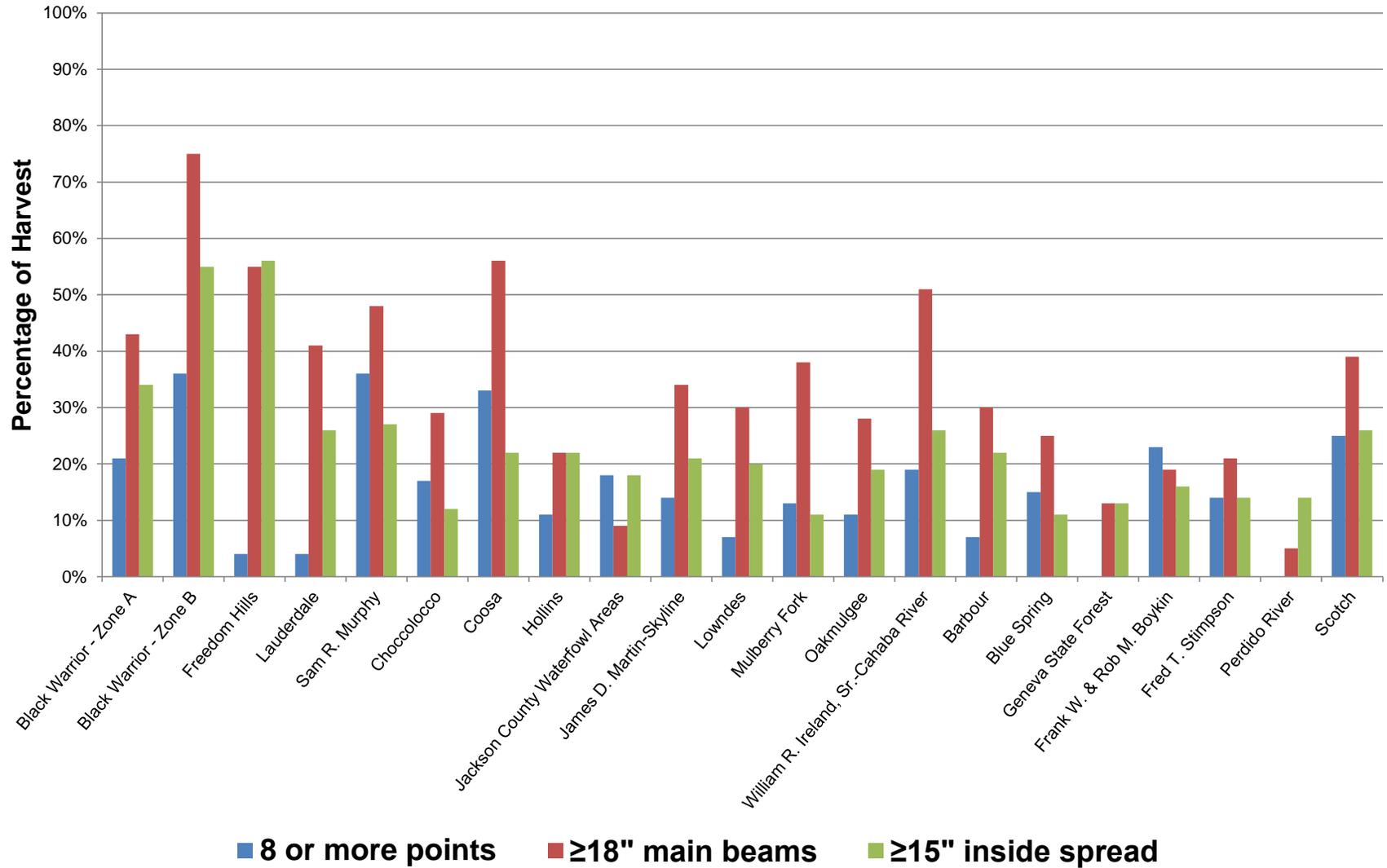
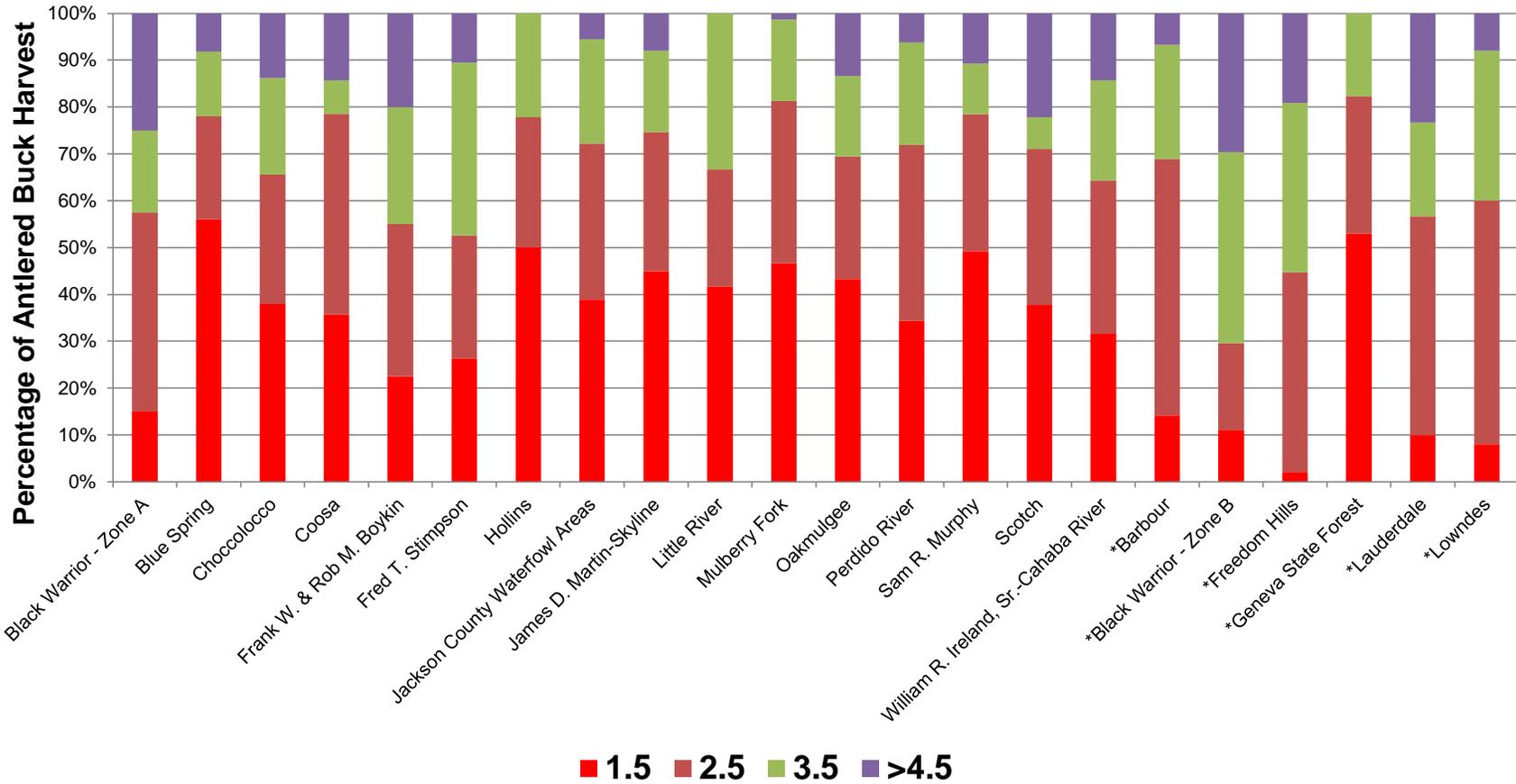


Figure 8: Age Structure of Antlered Buck Harvest, 2012-13 Hunting Season



* Antler Point Restriction (APR) in place

Check stations are not operated extensively during deer hunts on some WMAs, so sample sizes in each age class may be small. Age structure may not accurately represent the overall harvest.

TABLE I. Deer Harvest on Alabama Wildlife Management Areas, 2012-13 Season.

AREA	HUNTING SEASON	GUN								TOTAL	
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS			
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
BARBOUR	2006-07	191	3,530			82	780	14	275	287	4,585
	2007-08	172	3,132			56	1,020	8	270	236	4,422
	2008-09	183	2,891			82	940	24	472	289	4,303
	2009-10	147	2,416			87	910	41	245	275	3,571
	2010-11	228	2,702			102	534	58	315	388	3,551
	2011-12	392	4,162			57	872	22	135	471	5,169
	2012-13	395	4,345			46	1,243	20	420	461	6,008
BLACK WARRIOR - ZONE A	2006-07	144	2,647			20	530	11	125	175	3,302
	2007-08	50	1,714			16	390	4	183	70	2,287
	2008-09	57	2,521			28	400	19	238	104	3,159
	2009-10	96	2,927			46	435	22	150	164	3,512
	2010-11	63	2,074			54	370	25	170	142	2,614
	2011-12	78	1,912			11	625	12	323	101	2,860
	2012-13	65	1,984			6	260	20	300	91	2,544
BLACK WARRIOR - ZONE B	2006-07	50	1,662			17	410	10	84	77	2,156
	2007-08	34	1,683			17	260			51	1,943
	2008-09	32	1,783			9	260			41	2,043
	2009-10	42	1,847			22	380			64	2,227
	2010-11	35	1,950			44	360			79	2,310
	2011-12	43	1,697			8	342			51	2,039
	2012-13	42	1,427			1	165			43	1,592
BLUE SPRING	2006-07	202	1,855	95	1,672	156	1,275	5	70	458	4,872
	2007-08	127	1,324	123	1,607	55	1,065	6	40	311	4,036
	2008-09	183	1,603	175	1,556	126	1,350	44	339	528	4,848
	2009-10	95	1,452	192	2,064	140	1,200	16	48	443	4,764
	2010-11	107	1,150	160	1,608	68	905	4	60	339	3,723
	2011-12	87	842	204	2,517	36	1,418	9	180	336	4,957
	2012-13	76	745	214	2,260	42	1,500	2	80	334	4,585
CHOCOLOCOCO	2006-07	237	3,094			73	785	23	240	333	4,119
	2007-08	202	3,689			97	830	27	400	326	4,919
	2008-09	201	3,082			86	670	23	350	310	4,102
	2009-10	170	1,868			75	425	24	150	269	2,443
	2010-11	240	1,745			82	300	16	275	338	2,320
	2011-12	173	1,769			38	783	28	176	239	2,728
	2012-13	251	2,127			68	692	48	267	367	3,086
COON GULF TRACT	2012-13	80	520			129	470	16	25	225	1,015

TABLE I continued.

AREA	HUNTING SEASON	GUN									
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS		TOTAL	
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
COOSA	2006-07	126	2,050			70	1,080	6	135	202	3,265
	2007-08	98	1,914			66	1,005	11	130	175	3,049
	2008-09	113	1,817			61	900	15	120	189	2,837
	2009-10	110	2,512			42	750	10	90	162	3,352
	2010-11	211	3,360			77	875	19	250	307	4,485
	2011-12	80	2,364			16	595	9	128	105	3,087
	2012-13	118	2,692			38	657	8	131	164	3,480
DAVID K. NELSON	2006-07	37	995			26	360	29	475	92	1,830
	2007-08	26	623			30	650	18	240	74	1,513
	2008-09	75	607			31	550	37	290	143	1,447
	2009-10	54	553			32	550	29	263	115	1,366
	2010-11	61	661			28	550	11	168	100	1,379
	2011-12	111	720			31	600	10	125	152	1,445
	2012-13	35	656			22	650	9	170	66	1,476
FRANK W. & ROB M. BOYKIN	2006-07	51	707	19	914	24	408	3	100	97	2,129
	2007-08	44	909	23	957	32	625	3	117	102	2,608
	2008-09	51	1,031	32	1,644	27	575	3	113	113	3,363
	2009-10	65	845	21	1,699	48	1,400	9	100	143	4,044
	2010-11	43	615	15	873	35	660	12	108	105	2,256
	2011-12	57	658	30	1,204	142	1,540	14	104	243	3,506
	2012-13	60	694	69	1,153	77	420	10	66	216	2,333
FRED T. STIMPSON	2008-09	136	232							136	232
	2009-10	19	63							19	63
	2010-11	47	236							47	236
	2011-12	29	207							29	207
	2012-13	59	164							59	164
FREEDOM HILLS	2006-07	214	3,688			56	1,572			270	5,260
	2007-08	104	3,262			38	1,280			142	4,542
	2008-09	129	3,273			22	868			151	4,141
	2009-10	169	3,605			20	662			189	4,267
	2010-11	108	3,434			28	1,254			136	4,688
	2011-12	120	3,109			27	767			147	3,876
	2012-13	50	3,007			14	507			64	3,514

TABLE I continued.

AREA	HUNTING SEASON	GUN								TOTAL	
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS			
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
GEVEVA STATE FOREST	2006-07	140	1,860			61	1,110			201	2,970
	2007-08	116	1,705			52	800			168	2,505
	2008-09	101	877			30	430			131	1,307
	2009-10	57	738			29	1,290	8	40	94	2,068
	2010-11	43	698			41	445	0	20	84	1,163
	2011-12	31	452			14	920	4	40	49	1,412
	2012-13	35	515			25	770	2	42	62	1,327
GRAND BAY SAVANNA	2010-11	14	415			10	465			24	880
	2011-12	16	550			11	420			27	970
	2012-13	19	685			11	370			30	1,055
HOLLINS	2006-07	103	2,212			69	1,325	4	139	176	3,676
	2007-08	103	1,784			59	975	2	105	164	2,864
	2008-09	95	1,899			47	950	11	150	153	2,999
	2009-10	66	1,663			30	650	10	80	106	2,393
	2010-11	115	2,800			57	700	11	150	183	3,650
	2011-12	103	2,269			21	831	10	155	134	3,255
	2012-13	94	3,012			23	619	11	161	128	3,792
JACINTO PORT TRACT	2012-13					15	350			15	350
JACKSON COUNTY WATERFOWL AREAS	2006-07					54	750			54	750
	2007-08					85	2,120			85	2,120
	2008-09					52	2,004			52	2,004
	2009-10					70	1,572			70	1,572
	2010-11					51	1,536			51	1,536
	2011-12					52	1,858			52	1,858
	2012-13					68	1,582			68	1,582
JAMES D. MARTIN-SKYLINE	2006-07	233	5,217			50	1,175	19	470	302	6,862
	2007-08	190	4,542			27	1,105	33	847	250	6,494
	2008-09	237	4,274			36	1,095	14	290	287	5,659
	2009-10	239	5,177			33	1,065	18	424	290	6,666
	2010-11	183	3,627			41	1,065	18	280	242	4,972
	2011-12	197	3,494			49	1,100	24	160	270	4,754
	2012-13	300	4,319			47	1,140	35	283	382	5,742
LAUDERDALE	2006-07	196	1,954			25	200			221	2,154
	2007-08	100	2,227			16	170			116	2,397
	2008-09	131	2,485			13	180			144	2,665
	2009-10	88	2,114			12	210			100	2,324
	2010-11	71	2,234			6	120			77	2,354
	2011-12	78	1,786			8	125			86	1,911
	2012-13	68	1,576			2	100			70	1,676

TABLE I continued.

AREA	HUNTING SEASON	GUN								TOTAL	
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS			
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
LITTLE RIVER	2006-07	79	1,548			31	1,050	33	500	143	3,098
	2007-08	79	1,792			26	925	18	500	123	3,217
	2008-09	83	2,109			38	1,050	22	650	143	3,809
	2009-10	83	1,925			34	1,100	19	750	136	3,775
	2010-11	85	1,265			31	875	26	400	142	2,540
	2011-12	82	1,719			32	950	37	725	151	3,394
	2012-13	97	1,266			32	1,100	41	560	170	2,926
LOWNDES	2006-07	153	2,482			89	800			242	3,282
	2007-08	160	2,068			53	825			213	2,893
	2008-09	108	1,664			54	775			162	2,439
	2009-10	116	1,769			54	650			170	2,419
	2010-11	143	2,324			72	745			215	3,069
	2011-12	115	1,847			47	650			162	2,497
	2012-13	138	1,504			44	560			182	2,064
MULBERRY FORK	2006-07	268	3,276			129	1,150	23	352	420	4,778
	2007-08	261	3,636			108	500	26	318	395	4,454
	2008-09	188	3,418			121	480	24	346	333	4,244
	2009-10	151	2,653			91	700	76	535	318	3,888
	2010-11	95	1,917			73	550	81	585	249	3,052
	2011-12	140	2,354			36	750	29	205	205	3,309
	2012-13	205	3,196			45	337	50	247	300	3,780
OAKMULGEE	2006-07	133	2,187			138	1,300	34	427	305	3,914
	2007-08	288	2,977			143	1,400	37	445	468	4,822
	2008-09	250	2,834			139	1,700	51	447	440	4,981
	2009-10	318	3,161			57	1,400	61	460	436	5,021
	2010-11	231	3,386			115	1,500	32	245	378	5,131
	2011-12	274	3,259			51	1,175	15	220	340	4,654
	2012-13	247	3,475			38	1,300	18	145	303	4,920
PERDIDO RIVER	2006-07	38	1,165			51	285			89	1,450
	2007-08	33	1,220			36	315			69	1,535
	2008-09	133	1,789			54	386	5	82	192	2,257
	2009-10	60	1,291			33	580	5	71	98	1,942
	2010-11	74	1,177			36	760	3	60	113	1,997
	2011-12	83	1,268			23	650	4	82	110	2,000
	2012-13	49	1,105			35	459	6	124	90	1,688

TABLE I continued.

AREA	HUNTING SEASON	GUN								TOTAL	
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS			
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
RIVERTON	2006-07	62	939			26	1,075			88	2,014
	2007-08	39	934			20	702			59	1,636
	2008-09	47	1,092			17	699			64	1,791
	2009-10	30	873			8	315			38	1,188
	2010-11	48	921			9	367			57	1,288
	2011-12	30	1,369			21	602			51	1,971
	2012-13	45	1,483			3	207			48	1,690
SAM R. MURPHY	2006-07	235	2,370			79	800	11	80	325	3,250
	2007-08	178	1,822			61	650	6	72	245	2,544
	2008-09	239	1,778			50	475	13	74	302	2,327
	2009-10	194	1,618			64	420	4	74	262	2,112
	2010-11	205	2,118			38	380	2	55	245	2,553
	2011-12	226	1,980			41	580	8	66	275	2,626
	2012-13	181	1,784			47	669	6	76	234	2,529
SCOTCH	2006-07	91	665	54	1,334	19	230	16	155	180	2,384
	2007-08	48	573	57	1,211	11	255	8	139	124	2,178
	2008-09	49	557	33	1,265	10	215	15	141	107	2,178
	2009-10	86	719	58	1,560	14	290	7	94	165	2,663
	2010-11	61	739	83	2,002	9	200	21	185	174	3,126
	2011-12	39	462	89	2,644	5	164	15	160	148	3,430
	2012-13	31	333	54	1,914	7	180	3	127	95	2,554
SEVEN-MILE ISLAND	2006-07					24	90			24	90
	2007-08					24	145			24	145
	2008-09					22	160			22	160
	2009-10					18	150			18	150
	2010-11					20	160			20	160
	2011-12					18	150			18	150
	2012-13					14	150			14	150
SWAN CREEK & MALLARD-FOX CREEK	2006-07					45	560			45	560
	2007-08					35	890			35	890
	2008-09					26	675			26	675
	2009-10					28	830			28	830
	2010-11					30	516			30	516
	2011-12					20	600			20	600
	2012-13					10	505			10	505

TABLE I continued.

AREA	HUNTING SEASON	GUN									
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS		TOTAL	
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
UPPER DELTA - ZONE A	2006-07	39	435	36	600	25	850	4	70	104	1,955
	2007-08	37	478	41	700	26	900	8	80	112	2,158
	2008-09	45	508	30	310	17	950	8	60	100	1,828
	2009-10	19	288	4	120	8	450	2	40	33	898
	2010-11	45	535	81	550	26	550	3	60	155	1,695
	2011-12	25	440	42	480	20	720	2	60	89	1,700
	2012-13	13	365	90	1,245	25	600	4	55	132	2,265
UPPER DELTA - ZONE B	2006-07	13	285	7	270	10	450	2	30	32	1,035
	2007-08	12	302	14	380	12	400	2	15	40	1,097
	2008-09	14	297	28	570	8	350	2	15	52	1,232
	2009-10	10	185	7	190	3	175	1	10	21	560
	2010-11	12	245	8	430	8	325	2	30	30	1,030
	2011-12	12	255	30	310	5	265	2	30	49	860
	2012-13	6	195	53	490	12	245	2	30	73	960
W. L. HOLLAND & MOBILE-TENSAW DELTA	2006-07	17	1,325			18	1,260			35	2,585
	2007-08	31	1,292			24	1,375			55	2,667
	2008-09	26	1,445			27	1,250			53	2,695
	2009-10	22	1,250			17	1,150			39	2,400
	2010-11	25	1,365			20	1,175			45	2,540
	2011-12	29	1,425			22	907			51	2,332
	2012-13	20	1,125			15	875			35	2,000
WILLIAM R. IRELAND, SR.- CAHABA RIVER	2006-07	104	2,028			61	1,450	17	369	182	3,847
	2007-08	126	2,479			68	1,200	10	254	204	3,933
	2008-09	124	2,661			55	1,275	15	271	194	4,207
	2009-10	126	2,627			72	1,030	34	356	232	4,013
	2010-11	117	2,826			62	925	14	125	193	3,876
	2011-12	148	2,893			30	2,064	8	155	186	5,112
	2012-13	153	3,169			15	620	12	140	180	3,929
WOLF CREEK	2006-07	69	1,175			40	600			109	1,775
	2007-08	63	849			36	550			99	1,399
	2008-09	52	726			24	365			76	1,091
	2009-10	73	600			29	260			102	860
	2010-11	60	500			20	210			80	710
	2011-12	43	448			18	300			61	748
	2012-13	64	825			12	299			76	1,124
YATES LAKE WEST	2010-11	5	75			5	55			10	130
	2011-12	7	189			5	68	0	15	12	272
	2012-13	21	320			10	73	3	36	34	429

TABLE I continued.

AREA	HUNTING SEASON	GUN									
		STALK HUNTS		DOG HUNTS		ARCHERY		PRIMITIVE WEAPONS		TOTAL	
		HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS	HARVEST	MAN-DAYS
TOTALS	2006-07	3,225	51,351	211	4,790	1,568	23,710	264	4,096	5,268	83,947
	2007-08	2,721	48,930	258	4,855	1,329	23,327	227	4,155	4,535	81,267
	2008-09	3,082	49,253	298	5,345	1,312	21,977	345	4,448	5,037	81,023
	2009-10	2,705	46,739	282	5,633	1,216	20,999	396	3,980	4,599	77,351
	2010-11	2,775	47,094	347	5,463	1,298	19,432	358	3,541	4,778	75,530
	2011-12	2,848	45,899	395	7,155	915	23,391	262	3,244	4,420	79,689
	2012-13	3,017	48,613	480	7,062	998	19,674	326	3,485	4,821	78,834

Note: The statistics for gun stalk hunts include data from youth hunts.

TABLE II. Results of Youth Deer Hunts Held on Alabama's Wildlife Management Areas, 2012-13 Season.

AREA	DATE	NUMBER OF HUNTERS	DEER KILL				TOTAL DEER	MAN-DAYS PER DEER KILLED
			BUCKS		DOES			
			ANTLERED	UNANTLERED				
Freedom Hills	11/10	16	0	0	1	1	0.0	
Sam R. Murphy	11/10	19	0	0	0	0	--	
Choccolocco	11/10	60	2	0	4	6	0.0	
	11/11	22	0	0	1	1	0.0	
Coon Gulf Tract	11/10	35	2	0	3	5	0.0	
	11/11	25	1	0	3	4	0.0	
Coosa	11/10	31	1	0	1	2	0.0	
	11/11	26	0	0	1	1	0.0	
Hollins	11/10	27	0	0	1	1	0.0	
	11/11	15	0	0	0	0	--	
James D. Martin-Skyline	11/10	103	2	0	2	4	0.0	
Little River	11/10	36	1	0	2	3	0.0	
	11/11	10	0	0	0	0	--	
David K. Nelson	11/10	6	0	0	0	0	--	
	11/11	5	0	0	1	1	0.0	
Lowndes	11/10	17	0	0	2	2	0.0	
	11/11	22	0	0	1	1	0.0	
Mulberry Fork	11/10	65	2	0	4	6	0.0	
	11/11	45	1	0	3	4	0.0	
Oakmulgee	11/10	25	0	0	1	1	0.0	
	11/11	15	0	0	1	1	0.0	
William R. Ireland, Sr.- Cahaba River	11/10	12	0	0	1	1	0.0	
	11/11	10	0	0	0	0	--	
Barbour	11/10	20	2	1	2	5	0.0	
Blue Spring	11/10	6	0	0	0	0	--	
Geneva State Forest	11/10	8	0	0	0	0	--	
Yates Lake West	11-9 thru 11-12	4	1	0	1	2	0.0	
Frank W. & Rob M. Boykin	11/10	25	0	0	4	4	0.0	
Fred T. Stimpson	11/10	54	4	0	4	8	0.0	
	12/8	46	0	0	1	1	0.0	
	12/22	40	6	4	14	24	0.0	
	1/21	24	9	3	14	26	0.0	
Perdido River	11/10	23	0	0	0	0	--	
Scotch	11/10	7	0	0	0	0	--	
Upper Delta - Zone A	11/10	20	1	0	1	2	0.0	
Upper Delta - Zone B	11/10	5	0	0	1	1	0.0	
2012-13 Totals		929	35	8	75	118	7.9	
2011-12 Totals		1,012	45	5	42	92	11.0	

TABLE III. Comparison of Hunting Pressure and Hunting Success on Alabama's Wildlife Management Areas: STALK DEER HUNTS

AREA	HUNTING PRESSURE			MAN-DAYS PER KILL		
	2006-07 Through 2010-11 Average	2011-12	2012-13	2006-07 Through 2010-11 Average	2011-12	2012-13
Black Warrior - Zone A	2,377	1,912	1,984	32.1	24.5	30.5
Black Warrior - Zone B	1,785	1,697	1,427	47.6	39.5	34.0
Freedom Hills	3,452	3,109	3,007	25.4	25.9	60.1
Lauderdale	2,203	1,786	1,576	21.3	22.9	23.2
Riverton	952	1,369	1,483	22.1	45.6	33.0
Sam R. Murphy	1,941	1,980	1,784	9.3	8.8	9.9
Wolf Creek	770	448	825	12.2	10.4	12.9
Choccolocco	2,696	1,769	2,127	13.0	10.2	8.5
Coosa	2,331	2,364	2,692	18.1	29.6	22.8
Hollins	2,072	2,269	3,012	21.7	22.0	32.0
James D. Martin-Skyline	4,567	3,494	4,319	21.2	17.7	14.4
Little River	1,728	1,719	1,266	21.2	21.0	13.1
David K. Nelson	688	720	656	16.0	6.5	18.7
Lowndes	2,061	1,847	1,504	15.2	16.1	10.9
Mulberry Fork	2,980	2,354	3,196	16.4	16.8	15.6
Oakmulgee	2,909	3,259	3,475	12.5	11.9	14.1
William R. Ireland, Sr.-Cahaba River	2,524	2,893	3,169	21.1	19.5	20.7
Barbour	2,934	4,162	4,345	16.2	10.6	11.0
Blue Spring	1,477	842	745	10.9	9.7	9.8
Geneva State Forest	1,176	452	515	13.2	14.6	14.7
Yates Lake West	75	189	320	15.0	27.0	15.2
Frank W. & Rob M. Boykin	821	658	694	16.4	11.5	11.6
Fred T. Stimpson	177	207	164	3.3	7.1	2.8
Grand Bay Savanna	415	550	685	29.6	34.4	36.1
Perdido River	1,328	1,268	1,105	23.7	15.3	22.6
Scotch	651	462	333	10.2	11.8	10.7
Upper Delta - Zone A	449	440	365	12.5	17.6	28.1
Upper Delta - Zone B	263	255	195	21.4	21.3	32.5
W. L. Holland & Mobile-Tensaw Delta	1,335	1,425	1,125	57.3	49.1	56.3
All Areas Combined	48,673	45,899	48,613	16.8	16.1	16.1

TABLE IV. Comparison of Hunting Pressure and Hunting Success on Alabama's Wildlife Management Areas: DOG DEER HUNTS

AREA	HUNTING PRESSURE			MAN-DAYS PER KILL		
	2006-07 Through 2010-11 Average	2011-12	2012-13	2006-07 Through 2010-11 Average	2011-12	2012-13
Blue Spring	1,701	2,517	2,260	12.1	12.3	10.6
Frank W. & Rob M. Boykin	1,217	1,204	1,153	56.0	40.1	16.7
Scotch	1,474	2,644	1,914	27.1	29.7	35.4
Upper Delta - Zone A	456	480	1,245	16.2	11.4	13.8
Upper Delta - Zone B	368	310	490	33.4	10.3	9.2
All Areas Combined	5,217	7,155	7,062	19.0	18.1	14.7

TABLE V. Comparison of Hunting Pressure and Hunting Success on Alabama's Wildlife Management Areas: ARCHERY DEER HUNTS

AREA	HUNTING PRESSURE			MAN-DAYS PER KILL		
	2006-07 Through 2010-11 Average	2011-12	2012-13	2006-07 Through 2010-11 Average	2011-12	2012-13
Black Warrior - Zone A	425	625	260	16.3	56.8	26.5
Black Warrior - Zone B	334	342	165	18.8	42.8	24.1
Freedom Hills	1,127	767	507	35.8	28.4	28.1
Lauderdale	176	125	100	14.0	15.6	8.0
Riverton	632	602	207	39.5	28.7	41.3
Sam R. Murphy	545	580	669	9.4	14.1	10.1
Seven-Mile Island	141	150	150	6.7	8.3	3.8
Swan Creek & Mallard-Fox Creek	694	600	505	22.1	30.0	12.4
Wolf Creek	397	300	299	13.0	16.7	15.0
Choccolocco	602	783	692	7.3	20.6	10.8
Coon Gulf Tract	--	--	470	--	--	3.6
Coosa	922	595	657	14.9	37.2	15.4
Hollins	920	831	619	18.0	39.6	19.2
Jackson County Waterfowl Areas	1,596	1,858	1,582	26.0	35.7	13.9
James D. Martin-Skyline	1,101	1,100	1,140	30.6	22.4	23.5
Little River	1,000	950	1,100	31.5	29.7	33.9
David K. Nelson	532	600	650	18.0	19.4	13.8
Lowndes	759	650	560	12.3	13.8	9.0
Mulberry Fork	676	750	337	6.5	20.8	8.9
Oakmulgee	1,460	1,175	1,300	13.8	23.0	9.4
William R. Ireland, Sr.-Cahaba River	1,176	2,064	620	18.8	68.8	23.8
Barbour	837	872	1,243	11.0	15.3	9.5
Blue Spring	1,159	1,418	1,500	12.0	39.4	8.2
Geneva State Forest	815	920	770	20.7	65.7	18.2
Yates Lake West	55	68	73	11.0	13.6	7.3
Frank W. & Rob M. Boykin	734	1,540	420	21.2	10.8	17.0
Grand Bay Savanna	465	420	370	46.5	38.2	46.5
Jacinto Port Tract	--	--	350	--	--	23.3
Perdido River	465	650	459	12.0	28.3	5.6
Scotch	238	164	180	19.9	32.8	12.1
Upper Delta - Zone A	740	720	600	40.4	36.0	34.0
Upper Delta - Zone B	340	265	245	44.2	53.0	45.0
W. L. Holland & Mobile-Tensaw Delta	1,242	907	875	60.0	41.2	70.0
All Areas Combined	21,889	23,391	19,674	16.3	25.6	19.7

TABLE VI. Comparison of Hunting Pressure and Hunting Success on Alabama's Wildlife Management Area's: PRIMITIVE WEAPONS DEER HUNTS

AREA	HUNTING PRESSURE			MAN-DAYS PER KILL		
	2006-07 Through 2010-11 Average	2011-12	2012-13	2006-07 Through 2010-11 Average	2011-12	2012-13
Black Warrior - Zone A	173	323	300	16.7	26.9	15.0
Sam R. Murphy	71	66	76	14.2	8.3	12.7
Choccolocco	283	176	267	12.8	6.3	5.6
Coon Gulf Tract	--	--	25	--	--	1.6
Coosa	145	128	131	12.9	14.2	16.4
Hollins	125	155	161	24.5	15.5	14.6
James D. Martin-Skyline	462	160	283	22.0	6.7	8.1
Little River	560	725	560	25.5	19.6	13.7
David K. Nelson	287	125	170	12.4	12.5	18.9
Mulberry Fork	427	205	247	11.2	7.1	4.9
Oakmulgee	405	220	145	9.7	14.7	8.1
William R. Ireland, Sr.-Cahaba River	275	155	140	16.9	19.4	11.7
Barbour	315	135	420	16.9	6.1	21.0
Blue Spring	111	180	80	9.3	20.0	40.0
Geneva State Forest	30	40	42	5.0	10.0	21.0
Yates Lake West	--	15	36	--	N/A	12.0
Frank W. & Rob M. Boykin	108	104	66	26.0	7.4	6.6
Perdido River	71	82	124	16.9	20.5	20.7
Scotch	143	160	127	11.7	10.7	42.3
Upper Delta - Zone A	62	60	55	15.0	30.0	13.8
Upper Delta - Zone B	20	30	30	11.0	15.0	15.0
All Areas Combined	4,027	3,244	3,485	13.4	12.4	10.7

TABLE VII. Comparison of Hunting Pressure and Hunting Success on Alabama's Wildlife Management Areas: ALL DEER HUNTS

AREA	HUNTING PRESSURE			MAN-DAYS PER KILL		
	2006-07 Through 2010-11 Average	2011-12	2012-13	2006-07 Through 2010-11 Average	2011-12	2012-13
Black Warrior - Zone A	2,975	2,860	2,544	24.3	28.3	28.0
Black Warrior - Zone B	2,136	2,039	1,592	36.0	40.0	37.0
Freedom Hills	4,580	3,876	3,514	27.2	26.4	54.9
Lauderdale	2,379	1,911	1,676	20.5	22.2	23.9
Riverton	1,583	1,971	1,690	26.5	38.6	35.2
Sam R. Murphy	2,557	2,626	2,529	9.3	9.5	10.8
Seven-Mile Island	141	150	150	6.7	8.3	10.7
Swan Creek & Mallard-Fox Creek	694	600	505	22.1	30.0	50.5
Wolf Creek	1,167	748	1,124	12.4	12.3	14.8
Choccolocco	3,581	2,728	3,086	11.3	11.4	8.4
Coon Gulf Tract	--	--	1,015	--	--	4.5
Coosa	3,398	3,087	3,480	16.8	29.4	21.2
Hollins	3,116	3,255	3,792	20.1	24.3	29.6
Jackson County Waterfowl Areas	1,596	1,858	1,582	26.0	35.7	23.3
James D. Martin-Skyline	6,131	4,754	5,742	22.4	17.6	15.0
Little River	3,288	3,394	2,926	24.0	22.5	17.2
David K. Nelson	1,507	1,445	1,476	15.2	9.5	22.4
Lowndes	2,820	2,497	2,064	14.1	15.4	11.3
Mulberry Fork	4,083	3,309	3,780	12.0	16.1	12.6
Oakmulgee	4,774	4,654	4,920	11.9	13.7	16.2
William R. Ireland, Sr.-Cahaba River	3,975	5,112	3,929	19.9	27.5	21.8
Barbour	4,086	5,169	6,008	14.3	11.0	13.0
Blue Spring	4,449	4,957	4,585	10.9	14.8	13.7
Geneva State Forest	2,003	1,412	1,327	15.1	28.8	21.4
Yates Lake West	130	272	429	13.0	22.7	12.6
Frank W. & Rob M. Boykin	2,880	3,506	2,333	25.4	14.4	10.8
Fred T. Stimpson	177	207	164	3.3	7.1	2.8
Grand Bay Savanna	880	970	1,055	36.7	35.9	35.2
Jacinto Port Tract	--	--	350	--	--	23.3
Perdido River	1,836	2,000	1,688	17.6	18.2	18.8
Scotch	2,506	3,430	2,554	17.1	23.2	26.9
Upper Delta - Zone A	1,707	1,700	2,265	18.9	19.1	17.2
Upper Delta - Zone B	991	860	960	28.9	17.6	13.2
W. L. Holland & Mobile-Tensaw Delta	2,577	2,332	2,000	58.2	45.7	57.1
All Areas Combined	79,824	79,689	78,834	16.5	18.0	16.4

TABLE VIII. Man-Days of Deer Hunting Pressure Per Square Mile Hunted on Alabama's Wildlife Management Areas During the 2012-13 Season.

AREA	STALK HUNTS	DOG HUNTS	ARCHERY HUNTS	PRIMITIVE WEAPONS HUNTS	TOTAL
Black Warrior - Zone A	21.2	--	2.8	3.2	27.1
Black Warrior - Zone B	29.2	--	3.4	--	32.6
Freedom Hills	60.5	--	10.2	--	70.7
Lauderdale	49.6	--	3.1	--	52.7
Riverton	143.1	--	20.0	--	163.1
Sam R. Murphy	40.8	--	24.3	2.8	67.8
Seven-Mile Island	--	--	20.5	--	20.5
Swan Creek & Mallard-Fox Creek	--	--	30.5	--	30.5
Wolf Creek	58.3	--	21.1	--	79.4
Choccolocco	23.9	--	7.8	3.0	34.7
Coon Gulf Tract	102.6	--	92.7	4.9	200.2
Coosa	52.8	--	12.9	2.6	68.3
Hollins	66.9	--	13.8	3.6	84.3
Jackson County Waterfowl Areas	--	--	44.1	--	44.1
James D. Martin-Skyline	45.7	--	12.1	3.0	60.8
Little River	61.9	--	53.7	27.4	142.9
David K. Nelson	50.5	--	50.1	13.1	113.7
Lowndes	68.9	--	25.7	--	94.6
Mulberry Fork	58.0	--	6.1	4.5	68.6
Oakmulgee	50.0	--	18.7	2.1	70.8
William R. Ireland, Sr.-Cahaba River	50.1	--	9.8	2.2	62.1
Barbour	98.6	--	28.2	9.5	136.4
Blue Spring	19.2	58.4	38.7	2.1	118.4
Geneva State Forest	48.9	--	73.1	4.0	126.0
Yates Lake West	58.2	--	13.3	6.5	78.0
Frank W. & Rob M. Boykin	25.2	41.9	15.2	2.4	84.7
Fred T. Stimpson	19.6	--	--	--	19.6
Grand Bay Savanna	85.1	--	46.0	--	131.1
Jacinto Port Tract	--	--	66.4	--	66.4
Perdido River	40.8	--	16.9	4.6	62.3
Scotch	10.9	62.9	5.9	4.2	83.9
Upper Delta - Zone A	11.2	38.2	18.4	1.7	69.4
Upper Delta - Zone B	5.8	14.5	7.3	0.9	28.5
W. L. Holland & Mobile-Tensaw Delta	14.1	--	11.0	--	25.1
All Areas	42.3	43.3	16.3	4.0	64.9

TABLE IX. Deer Killed Per Square Mile Hunted on Alabama's Wildlife Management Areas During the 2012-13 Season.

AREA	STALK HUNTS	DOG HUNTS	ARCHERY HUNTS	PRIMITIVE WEAPONS HUNTS	TOTAL
Black Warrior - Zone A	0.7	--	0.1	0.2	1.0
Black Warrior - Zone B	0.9	--	<0.1	--	0.9
Freedom Hills	1.0	--	0.3	--	1.3
Lauderdale	2.1	--	0.1	--	2.2
Riverton	4.3	--	0.3	--	4.6
Sam R. Murphy	6.6	--	1.7	0.2	8.5
Seven-Mile Island	--	--	1.9	--	1.9
Swan Creek & Mallard-Fox Creek	--	--	0.6	--	0.6
Wolf Creek	4.5	--	0.8	--	5.4
Choccolocco	2.8	--	0.8	0.5	4.1
Coon Gulf Tract	15.8	--	25.4	3.2	44.4
Coosa	2.3	--	0.7	0.2	3.2
Hollins	2.1	--	0.5	0.2	2.8
Jackson County Waterfowl Areas	--	--	1.9	--	1.9
James D. Martin-Skyline	3.2	--	0.5	0.4	4.0
Little River	4.7	--	1.6	2.0	8.3
David K. Nelson	2.7	--	1.7	0.7	5.1
Lowndes	6.3	--	2.0	--	8.3
Mulberry Fork	3.7	--	0.8	0.9	5.4
Oakmulgee	3.6	--	0.5	0.3	4.4
William R. Ireland, Sr.-Cahaba River	2.4	--	0.2	0.2	2.8
Barbour	9.0	--	1.0	0.5	10.5
Blue Spring	2.0	5.5	1.1	0.1	8.6
Geneva State Forest	3.3	--	2.4	0.2	5.9
Yates Lake West	3.8	--	1.8	0.5	6.2
Frank W. & Rob M. Boykin	2.2	2.5	2.8	0.4	7.8
Fred T. Stimpson	7.0	--	--	--	7.0
Grand Bay Savanna	2.4	--	1.4	--	3.7
Jacinto Port Tract	--	--	2.8	--	2.8
Perdido River	1.8	--	1.3	0.2	3.3
Scotch	1.0	1.8	0.2	0.1	3.1
Upper Delta - Zone A	0.4	2.8	0.8	0.1	4.0
Upper Delta - Zone B	0.2	1.6	0.4	0.1	2.2
W. L. Holland & Mobile-Tensaw Delta	0.3	--	0.2	--	0.4
All Areas	2.61	2.94	0.83	0.38	3.97

TABLE X. Average Live Weights of Deer Killed on Alabama's Wildlife Management Areas Compared to Average Live Weights of Deer From Herds in Good Condition, 2012-13 Season.

AREA	MALE					FEMALE			
	AGE CLASS (years)	0.5	1.5	2.5	3.5	≥4.5	0.5	1.5	2.5
Black Warrior - Zone A	--	121	138	160	184	--	96	102	125
Black Warrior - Zone B	78	109	137	174	180	74	113	112	111
Freedom Hills	53	90	143	165	176	49	93	97	103
Lauderdale	51	116	135	154	170	50	90	96	103
Sam R. Murphy	56	110	142	164	183	51	90	102	107
Swan Creek & Mallard-Fox Creek	--	115	--	--	--	--	90	--	130
Choccolocco	63	98	118	125	149	69	70	98	98
Coosa	54	101	169	224	181	51	72	93	121
Hollins	--	115	142	139	--	57	--	102	107
Jackson County Waterfowl Areas	57	128	139	149	185	48	90	113	111
James D. Martin-Skyline	61	109	142	154	188	47	88	102	109
Little River	57	108	139	158	--	63	93	97	99
Lowndes	41	104	126	157	199	39	76	98	90
Mulberry Fork	50	103	133	165	156	51	78	96	101
Oakmulgee	52	94	115	141	155	49	77	88	97
William R. Ireland, Sr.-Cahaba River	68	104	136	155	177	44	81	90	106
Barbour	61	109	144	180	183	54	89	102	112
Blue Spring	55	103	140	160	172	54	89	96	102
Geneva State Forest	58	113	133	174	--	53	78	96	102
Frank W. & Rob M. Boykin	57	107	122	143	168	55	68	97	95
Fred T. Stimpson	42	88	114	145	153	35	79	84	88
Perdido River	38	87	111	136	144	38	70	88	94
Scotch	43	101	128	157	165	51	85	89	98
All Areas	55	104	135	159	173	51	85	98	104
Average Live Weights of Deer From Herds in Good Condition.	55	110	145	160	≥175	50	85	100	≥110

TABLE XI. Average Number of Antler Points of Bucks, Percentage of Spike Antlered Bucks, and Percentage of Higher Quality Adult Bucks (2.5+ years old) Killed on Alabama's Wildlife Management Areas, 2012-13 Season.

AREA	AVERAGE NUMBER OF ANTLER POINTS				PERCENT SPIKES		PERCENT WITH ≥ 8 ANTLER POINTS	PERCENT WITH ≥ 18 -INCH MAIN BEAMS	PERCENT WITH ≥ 15 -INCH INSIDE SPREAD
	1.5	2.5	3.5	≥ 4.5	1.5	≥ 2.5	≥ 2.5	≥ 2.5	≥ 2.5
Black Warrior - Zone A	5.4	6.8	8.3	8.5	11%	0%	21%	43%	34%
Black Warrior - Zone B	5.7	7.3	8.1	9.0	25%	3%	36%	75%	55%
Freedom Hills	2.0	6.1	6.9	7.6	17%	0%	4%	55%	56%
Lauderdale	4.3	7.0	7.8	8.0	25%	0%	4%	41%	26%
Sam R. Murphy	3.8	7.1	9.1	10.1	20%	0%	36%	48%	27%
Swan Creek & Mallard-Fox Creek	4.0	--	--	--	0%	--	--	--	--
Choccolocco	4.1	7.0	7.8	8.5	38%	0%	17%	29%	12%
Coosa	4.2	6.3	9.0	9.0	0%	0%	33%	56%	22%
Hollins	3.7	6.4	8.3	--	33%	0%	11%	22%	22%
Jackson County Waterfowl Areas	4.0	6.0	7.5	9.0	15%	0%	18%	9%	18%
James D. Martin-Skyline	3.1	6.9	7.7	8.4	38%	1%	14%	34%	21%
Little River	3.8	6.3	7.5	--	29%	0%	0%	0%	0%
Lowndes	4.5	9.0	6.8	8.0	13%	0%	7%	30%	20%
Mulberry Fork	2.9	6.0	8.2	8.0	43%	1%	13%	38%	11%
Oakmulgee	2.5	5.9	7.3	7.9	56%	2%	11%	28%	19%
William R. Ireland, Sr.-Cahaba River	3.1	5.7	7.8	7.8	37%	2%	19%	51%	26%
Barbour	3.0	6.4	7.1	8.1	25%	7%	7%	30%	22%
Blue Spring	2.8	6.4	7.6	8.4	51%	15%	15%	25%	11%
Geneva State Forest	3.7	6.0	8.0	--	36%	0%	0%	13%	13%
Frank W. & Rob M. Boykin	2.9	4.8	7.1	8.6	50%	13%	23%	19%	16%
Fred T. Stimpson	2.8	6.4	7.7	8.5	18%	0%	14%	21%	14%
Perdido River	1.9	4.8	6.3	8.0	63%	7%	0%	5%	14%
Scotch	2.1	5.1	7.0	9.1	73%	6%	25%	39%	26%
All Areas	3.1	6.4	7.5	8.4	39%	1%	14%	35%	23%
Average Numbers From Deer Herds in Good Condition.	4+	8+	8+	8+	<50%	0%	--	--	--

TABLE XII. Average Antler Base Circumference, Main Antler Beam Length, and Inside Antler Spread for Bucks Killed on Alabama's Wildlife Management Areas, 2012-13 Season.

AREA	AVERAGE CIRCUMFERENCE OF MAIN BEAM BASES				AVERAGE LENGTH OF MAIN BEAMS				AVERAGE INSIDE SPREAD OF MAIN BEAMS			
	(inches)				(inches)				(inches)			
AGE CLASS (years)	1.5	2.5	3.5	≥4.5	1.5	2.5	3.5	≥4.5	1.5	2.5	3.5	≥4.5
Black Warrior - Zone A	2.6	3.2	4.0	4.5	11.9	13.9	17.8	21.0	7.7	11.0	14.3	16.7
Black Warrior - Zone B	2.4	3.4	4.0	4.5	11.0	16.8	17.5	21.5	9.4	14.1	13.2	15.1
Freedom Hills	--	3.3	3.9	4.4	--	14.8	17.5	20.4	--	11.9	15.1	16.5
Lauderdale	2.8	3.3	4.0	4.4	9.7	15.6	17.4	19.2	7.1	11.7	14.1	15.9
Sam R. Murphy	2.4	3.2	4.3	5.3	8.6	15.5	19.6	21.8	6.2	12.0	15.5	15.6
Swan Creek & Mallard-Fox Creek	2.5	--	--	--	10.0	--	--	--	9.0	--	--	--
Choccolocco	2.4	3.3	3.8	4.0	6.7	13.5	17.0	19.3	5.7	10.6	14.5	13.9
Coosa	2.2	3.8	4.1	4.8	9.4	15.5	20.9	18.8	7.7	12.0	17.0	13.9
Hollins	2.3	3.1	4.1	--	7.8	12.2	18.0	--	6.2	10.6	14.6	--
Jackson County Waterfowl Areas	2.2	2.5	3.6	5.3	7.7	12.3	14.3	20.1	6.3	11.3	13.3	17.0
James D. Martin-Skyline	2.2	3.2	4.0	4.4	6.9	14.5	17.1	20.7	5.6	11.6	13.4	15.7
Little River	1.8	3.3	3.5	--	9.0	10.1	14.0	--	9.5	11.8	14.0	--
Lowndes	2.0	3.1	3.5	4.2	9.1	15.0	17.6	18.9	7.5	12.0	13.8	14.6
Mulberry Fork	1.9	2.8	3.7	3.9	6.7	13.5	19.0	21.5	4.9	10.0	13.3	13.3
Oakmulgee	1.7	2.8	3.6	4.0	5.4	13.3	16.6	19.5	4.8	10.1	12.6	15.2
William R. Ireland, Sr.-Cahaba River	2.0	2.7	3.7	4.2	6.7	14.4	17.5	20.3	4.8	10.1	13.5	13.5
Barbour	2.0	3.2	4.0	4.4	6.7	14.3	17.8	19.4	6.7	11.9	14.1	15.4
Blue Spring	1.9	2.8	3.5	4.1	6.0	12.3	16.6	17.7	5.6	10.6	13.2	14.9
Geneva State Forest	2.1	2.8	3.8	--	7.4	13.7	18.7	--	6.7	12.2	14.9	--
Frank W. & Rob M. Boykin	1.7	2.1	2.8	3.7	5.7	10.1	15.0	19.4	6.1	8.6	11.1	15.6
Fred T. Stimpson	2.2	3.0	3.7	4.8	5.5	12.2	16.9	17.0	6.8	10.9	13.8	13.2
Perdido River	1.5	2.4	3.2	3.4	3.9	9.8	13.5	14.7	3.6	9.3	12.6	13.6
Scotch	1.7	3.0	3.4	4.6	3.5	11.3	17.8	20.9	3.8	9.4	15.0	14.3
All Areas	2.0	3.0	3.8	4.3	6.6	13.8	17.2	19.9	5.6	11.0	13.6	15.1
Average Measurements for Deer From Herds in Good Condition.	2.3	3.3	4.0	4.5+	8.0	15.0	18.0	20.0+	8.0	12.0	15.0	16.0+

TABLE XIII. Sample Sizes for Deer Checked on Alabama's Wildlife Management Areas During the 2012-13 Season.

AREA	MALE					FEMALE				TOTAL
	AGE CLASS (years)	0.5	1.5	2.5	3.5	≥4.5	0.5	1.5	2.5	
Black Warrior - Zone A	0	6	17	7	10	0	1	1	3	45
Black Warrior - Zone B	1	3	5	11	8	1	1	4	7	41
Freedom Hills	5	1	20	17	9	9	5	11	12	89
Lauderdale	5	3	14	6	7	4	1	7	11	58
Sam R. Murphy	6	32	19	7	7	10	12	12	29	134
Swan Creek & Mallard-Fox Creek	0	1	0	0	0	0	1	0	1	3
Choccolocco	8	11	8	6	4	3	2	5	20	67
Coosa	3	5	6	1	2	7	1	9	5	39
Hollins	0	9	5	4	0	5	0	3	8	34
Jackson County Waterfowl Areas	6	7	6	4	1	3	6	6	10	49
James D. Martin-Skyline	14	62	41	24	11	18	20	29	42	261
Little River	2	5	3	4	0	2	2	8	6	32
Lowndes	2	4	26	16	4	3	4	9	11	79
Mulberry Fork	5	35	26	13	1	11	9	29	30	159
Oakmulgee	7	58	35	23	18	14	8	9	49	221
William R. Ireland, Sr.-Cahaba River	5	31	32	21	14	4	7	3	30	147
Barbour	17	21	81	36	10	22	23	45	54	309
Blue Spring	22	69	27	17	10	23	19	40	60	287
Geneva State Forest	3	9	5	3	0	5	2	5	3	35
Frank W. & Rob M. Boykin	2	9	13	10	8	4	3	1	8	58
Fred T. Stimpson	7	5	5	7	2	4	12	8	8	58
Perdido River	1	11	12	7	2	2	5	1	7	48
Scotch	7	17	15	3	10	3	5	4	17	81
All Areas Combined	128	414	421	247	138	157	149	249	431	2,334

TABLE XIV. Results of Deer Hunts Held on Alabama's Physically Disabled Hunting Areas, 2012-13 Season.

AREA	MAN-DAYS OF HUNTING	DEER KILL			MAN-DAYS PER KILL
		BUCKS	DOES	TOTAL	
Alabama Department of Youth Services	15	1	1	2	7.5
Big Oak	140	6	11	17	8.2
Chattahoochee	84	4	5	9	9.3
Cherokee	20	0	1	1	20.0
Coffee County (Victoria)	7	0	0	0	--
Dozier	29	4	3	7	4.1
Fayette	82	6	8	14	5.9
Forever Wild Land Trust - Alabama Power Company	73	6	3	9	8.1
Lewis Smith	36	0	0	0	--
Little River State Forest	120	3	0	3	40.0
M. Barnett Lawley Field Trial Area	33	1	0	1	33.0
Macon State Forest	18	0	1	1	18.0
Marengo	24	2	11	13	1.8
Pine Hills	32	1	0	1	32.0
Prairie Creek*	39	2	0	2	19.5
R. L. Harris	72	3	2	5	14.4
Shiloh Hill	6	0	0	0	--
Turnipseed-Ikenberry Place	57	8	1	9	6.3
USA Foundation	63	0	3	3	21.0
Totals for 2012-13 Season	950	47	50	97	9.8
Totals for 2011-12 Season	832	59	67	126	6.6

*Archery Hunting Only