

ALABAMA HUNTING SURVEY

2016 - 2017 SEASON

Steve Bryant

STUDY LEADER



Federal Assistance Project

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ALABAMA DIVISION OF WILDLIFE
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Alabama Hunting Mail Survey, 2016-2017 Season

There is a great demand for outdoor recreation in Alabama. Hunting makes up a significant portion of that demand and contributes greatly to the state's economy. Hunting seasons are scheduled each year for a wide variety of game animals. In order to make decisions to manage those animals it is necessary to gather as much information as practical concerning hunting activities.

Each year since 1963, the Alabama Division of Wildlife and Freshwater Fisheries has conducted a sample survey of licensed Alabama hunters to obtain information in the form of estimates for the number of hunters, man-days of hunting, and harvest levels for each of the game species. This year, survey forms were mailed to a stratified random sample of 11,335 drawn from the 255,676 Alabama hunting licensees. Of the 11,335 survey forms mailed, 649 or 5.7% were returned undeliverable. A total of 2,662 completed survey forms were returned (23.5% of the 11,335 license pulled, (24.9%) of those deliverable). A sample is used because it is not practical to contact all hunters each year. Because of this and other factors it is impossible to determine values that would be entirely free of error.

The estimates in this survey represent hunting by licensed hunters only, and do not include other legal hunting by hunters (i.e. those hunters not required to hold a license due to their age or because they hunt on their own property), nor do the estimates include illegal hunting without a license. Auburn University who analyzed the survey forms reported 74.2% of survey respondents indicated they hunted. That translates to approximately 189,712 licensed individuals actually hunted in Alabama during the 2016-17 season. The 2011 National Survey of Fishing, Hunting and Wildlife Associated Recreation indicates approximately 535,000 residents (licensed and unlicensed) and non-residents hunted in Alabama. Of the 535,000 individuals that hunted in Alabama during 2011-2012 season, 249,686 were licensed. Comparison of those figures indicates that hunters who are not required to buy licenses contribute significantly to the overall hunting effort and harvest of game animals in this state.

In reviewing the current survey estimates, it is important to recognize that a degree of uncertainty must be associated with each of the estimates. This uncertainty is due to the estimates being based on a sample instead of a complete census of all licensed hunters. Consequently, each estimate for a hunting activity is likely to represent a value which deviates to some degree from the actual amount of hunting.

A measure of the degree of the uncertainty or “sampling error” associated with each estimate can be determined by analysis of the variability in the survey data. The statistical term for this measure is the “standard error” of the estimate. Standard errors tend to vary with the magnitude of their estimates and are difficult to use for general comparison of the level of uncertainty among estimates. A better index for judging the level of uncertainty is the relative standard error, i.e., the ratio of the standard error over the estimate. Relative standard errors, expressed on a percent basis, are provided in the tables along with the estimates and standard errors for this survey. An estimate with a low percent standard error is more reliable and has less uncertainty associated with it. Estimates with a percentage standard error less than 15% are reliable enough to be useful in making management decisions.

It is normal for the estimates to fluctuate considerably from one year to the next. Therefore, conclusions based on a single annual survey regarding the success of a particular season relative to another season may be misleading. However, comparing annual survey estimates over a number of years can be very useful for detecting trends that reflect real changes in hunting activity and harvest levels for a particular species. County level harvest information was extrapolated from the raw data and has a higher standard error due to smaller sample sizes than the statewide information.

The basic methods used to conduct and analyze the Alabama Hunting Survey were developed in the 1960's by statisticians with North Carolina State University. These statisticians specialized in research and surveys related to fish and wildlife. Minor changes were made periodically to keep the survey methods current. Beginning with the survey for the 2002-2003 hunting season, the data has been analyzed by personnel with Auburn University's School of Forestry and Wildlife Sciences. The methods now used to analyze data are similar; however, results have varied to the extent that direct comparisons to the results from hunting seasons prior to 2002-2003 may not be valid. Additionally, methods of analyzing the data were again adjusted by personnel with Auburn University's School of Forestry and Wildlife Sciences during the 2005-2006 survey in order to address issues identified by the Division of Wildlife and Freshwater Fisheries while working with surveys from 2003-2005. Those adjustments have resulted in more variations within the results that will be noticeable when examining trends in the estimates over the years. Methods for 2016-17 were consistent with methods used during the 2015-2016 season.

The Alabama Hunting Survey estimates are by no means the only source of information concerning wildlife management decisions, hunting, and game animal populations in this state.

We gain much information from other research and surveys, public comments, nuisance wildlife complaints, crop damage reports, road kills, occurrence of disease and parasite problems, law enforcement reports, historical information, etc. All available information is considered in order to develop management programs that meet the needs of Alabama wildlife resources and the people who enjoy them.

We extend our sincere appreciation to all hunters who participated in the Alabama Hunting Survey for the 2016-17 hunting season and in the surveys for earlier years. We also encourage survey participants in future years to take the time to do the survey and provide complete accurate answers to the questions. It is disappointing to researchers when they receive an incorrectly completed survey that only provides a fraction of the data that we are attempting to analyze.

I also extend my appreciation to Amy Silvano Assistant Chief Wildlife Section for her assistance coordinating the printing of questionnaires and mailing, to Amanda Rollan of DCNR Accounting Section for providing hunter addresses and information detailing the number and type of hunting license sold, to Ginger Howell Keener, District 2 Biologist Aide for opening, & tracking the responses as well as assisting with the final report and to Dr. Jim Armstrong, Dr. John Kush and probably others that I am unaware of from Auburn University for entering the details of the responses and the final analysis of the data in order to produce the foundation of this report. This detailed information summarizing the hunting activity in Alabama for the 2016-17 season would not have been possible without the combined efforts of all of the above individuals and others doing their part.

This study was a contribution of the Alabama Division of Wildlife and Freshwater Fisheries supported in part by funding from the Federal Assistance in Wildlife Restoration Program, Project W-35, Study 6.

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**FROM JOHN KUSH
Title - Research Fellow IV**

**Auburn University
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General comments about the 2016-2017 Survey Results

Overall

Percentage of respondents that indicated they hunted something: 74.2%

Percentage of respondents that answered the survey as was shown in the example: 11.6%

A high percentage of surveys were filled out where results were indicated in one line and the respondents did not separate out by land type or hunt type. 22.5% responses that listed multiple hunt types and 5.6% listed multiple land types.

Deer hunters

Percentage of deer hunters that indicated they hunted deer: 61.2%. The percentage of deer hunters recording a harvest was 43.9%.

Nearly 5% of the deer hunters did not list a land type for where they hunted. A little more than 15% of the deer hunters did not provide an answer to the hunt type. Just over 6% did not provide the number of days hunted.

For hunt type, 56.3% listed modern gun only, 4.5% archery only, 0.9% primitive only, and 22.4% listed multiple hunt types.

Turkey hunters

Percentage of respondents that indicated they hunted turkey: 29.5%. The percentage of turkey hunters recording a harvest was 29.7%.

A majority of turkey hunting happened in the spring; 95.2% only hunted in the spring and just 2.7% only hunted in the fall.

Nearly 15% of the turkey hunters did not list a land type for where they hunted. A little more than 11% of the turkey hunters did not provide an answer to the hunt type. Just under 5% did not provide the number of days hunted.

For hunt type, 86.3% listed modern gun only, 1.9% archery only, 2.2% primitive only, and 2.7% listed multiple hunt types.

Table 1. Results of the Alabama Hunting Survey for the 2016-17 Season

	Number of Hunters			Man-Days of Hunting			Number Harvested		
	Estimate	Standard Error	Standard Error %	Estimate	Standard Error	Standard Error %	Estimate	Standard Error	Standard Error %
Deer ¹									
Gun ²	136,277	3,910.7	2.9	2,153,001	106,798.6	5.0	121,192	8,485.92	7.0
Archery ²	48,647	2,350.1	4.8	1,096,661	79,899.1	7.3	61,013	7,002.45	11.5
Muzzleloader ²	11,855	1,172.5	9.9	310,298	43,161.6	13.9	14,876	2,875.00	19.3
Deer Total	172,591*	4,387.5	2.5	2,612,909+	117,556.8	4.5	154,750+	14,868.75	9.6
Turkey ¹									
Turkey Spring ³	42,778	2189.0	5.1	362,066	31,801.8	8.8	18,891	2344.6	12.4
Turkey Fall ³	1,520	344.8	22.7	11,534	2,217.1	19.2	337	96.2	28.5
Turkey Total	43,568*	2204.3	5.1	379,658+	32,563.5	8.6	19,146+	2350.1	12.3
Dove ¹									
First Season	42,665	2,214.3	5.2	101,680	8,843.7	8.7	698,677	60,898.5	8.7
Other Seasons	12,077	1,177.6	9.8	48,989	7,780.5	15.9	236,929	36,433.8	15.4
Dove Total	45,131*	2,274.2	5.0	150,670	15,051.9	10.0	935,606	83,238.9	8.9
Quail									
Quail Wild	3,378	617.1	18.3	22,717	8,038.5	35.4	41,969	15,013.7	35.8
Quail Pen Raised	8,332	949.7	11.4	34,202	8,960.4	26.2	278,439	64,935.4	23.3
Quail Total	10,055*	1045.2	10.4	56,920	12,950.3	22.8	320,408	66,287.1	20.7
Squirrel	21,740	1568.2	7.2	133,554	21360.6	16.0	320,238	105146.7	32.8
Rabbit	7,608	919.2	12.1	46,677	13674.7	29.3	46,589	11747.0	25.2
Raccoon	3,851	671.8	17.5	60,013	19878.9	33.1	39,984	11817.8	29.6
Opossum	1,786	467.3	26.2	9,687	4638.8	47.9	13,766	7044.7	51.2
Fox	547	252.2	46.1	3,100	1231.2	39.7	762	325.5	42.7
Coyote	16,911	1388.8	8.2	184,380	51261.6	27.8	40,223	7891.0	19.6
Bobcat	2,973	584.7	19.7	19,590	7331.7	37.4	1,309	377.9	28.9
Duck	15,568	1320.5	8.5	158,400	27146.1	17.1	302,599	60507.3	20.0
Goose	4,715	740.5	15.7	55,607	20155.1	36.3	18,944	6305.8	33.3
Coot	1,298	342.2	26.4	8,302	3625.6	48.8	7,435	3625.6	48.8
Snipe	615	252.1	41.0	4,950	2987.3	60.4	3,616	3320.2	91.8
Woodcock	91	17.2	18.9	108	.	.	108	.	.
Feral Hogs	23,962	1620.2	6.8	180,434	46808.0	25.9	132,704	49218.2	37.1

¹ Estimates for hunters in separate seasons (gun, archery and muzzleloader deer, spring and fall turkey, 1st and remaining dove) do not sum to the combined estimate because

each includes hunters participating in multiple seasons.

² Gun Deer Harvest – 41.8% Bucks / 58.2% Does. Archery Deer Harvest – 44.9% Bucks / 55.1% Does. Combined Deer Harvest – 39.4% Bucks / 60.6% Does. Could not do

primitive - no one indicated just "primitive"

³ Spring Turkey Harvest – 97.2% Gobblers / 2.8% Jakes. Fall Harvest – 82.2% Gobblers / 17.8% Jakes. Combined Harvest – 97.1% Gobblers / 2.9% Jakes.

*Total number of hunters who hunted for that animal regardless of season. Many individuals hunt during more than one season.

+There was no way to determine the number of days hunted or deer or turkey harvested based on how the survey was filled out.

Table 2. Results of Miscellaneous Questions Included on the Alabama Hunting Survey for the 2015-2016 Season

TABLE 2 PAGE 1 Miscellaneous Questions Responses 2016-2017 Hunter Mail Survey

Questions	Estimated Number of Respondents	Standard Error	Percent Standard Error (%) ¹	Percent of Respondents (%) ¹
If you harvested a deer, what Game Check method did you use?				
Phone App	40,397	2,159	5.54	52.4
Website	13,220	1,127	9.58	17.1
Telephone	22,549	1,600	7.08	30.5

If you harvested a turkey, what Game Check method did you use?

Phone App	7,717	893	9.02	56.6
Website	2,664	562	24.43	13.1
Telephone	4,645	715	13.49	30.3

Not all respondents filled out the miscellaneous questions.

¹ The percent is based on the respondent that answered this question.

Table 2. Results of Miscellaneous Questions Included on the Alabama Hunting Survey for the 2015-2016 Season

Questions	Estimated Number of Respondents	Standard Error	Percent Standard Error (%) ¹	Percent of Respondents (%) ¹
How easy was it to use your above selected Game Check method?				
Very Easy	51,512	2,390	5.24	46.5
Somewhat Easy	27,412	1,752	6.74	26.5
Average	15,242	1,273	6.81	19.1
Somewhat Hard	3,931	650	13.54	4.9
Very Hard	2,397	517	17.82	3.0

Not all respondents filled out the miscellaneous questions.

¹ The percent is based on the respondent that answered this question.

ALABAMA DEER HARVEST ESTIMATES
COMBINED GUN, ARCHERY, AND MUZZLELOADER

Season	Harvest	Bucks	% Bucks	Does	% Does
1985-86	280,000	210,000	75	70,000	25
1986-87	300,000	228,000	76	72,000	24
1987-88	323,000	242,000	75	81,000	25
1988-89	275,000	201,000	73	74,000	27
1989-90	242,000	179,000	74	63,000	26
1990-91	294,000	206,000	70	88,000	30
1991-92	295,000	201,000	68	94,000	32
1992-93	293,000	196,000	67	97,000	33
1993-94	350,000	238,000	68	112,000	32
1994-95	331,000	228,000	69	103,000	31
1995-96	398,000	259,000	65	139,000	35
1996-97	367,000	253,000	69	114,000	31
1997-98	423,000	267,000	63	156,000	37
1998-99	390,000	222,000	57	168,000	43
1999-00	416,000	228,000	55	188,000	45
2000-01	478,000	234,000	49	244,000	51
2001-02	411,000	206,000	50	205,000	50
2002-03	410,000	208,000	51	202,000	49
2003-04	478,000	221,000	46	257,000	54
2004-05	499,000	241,000	48	258,000	52
2005-06	461,000	218,000	47	243,000	53
2006-07	436,000	215,000	49	221,000	51
2007-08	342,000	142,000	42	200,000	58
2008-09	356,000	153,000	43	203,000	57
2009-10	289,000	128,000	44	161,000	56
2010-11	337,000	145,000	43	192,000	57
2011-12	255,000	112,000	44	143,000	56
2012-13	267,000	136,000	51	131,000	49
2013-14	270,000	108,000	40	162,000	60
2014-15	275,000	109,000	40	166,000	60
2015-16	295,000	115,000	39	180,000	61
2016-17	154,750	65,000	42	90,000	58

Record High harvest Year

 100 yard area definition regulation comes into effect for deer & pigs

Harvest estimates rounded to the nearest 1,000
Percentages rounded to the nearest whole number

Beginning with the 2002-2003 report, statistical analysis for the table above and the tables that follow was conducted by Auburn University. Differences in the methodology used for analysis of the data after 2001-2002 has resulted in variations in the survey results as compared to previous years.

ALABAMA HUNTING SURVEY ESTIMATES
DEER - GUN

Year	Hunters	Man-Days	Average Man-days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
1987-88	219,280	3,259,690	14.9	309,517	10.5	1.4
1988-89	191,862	2,891,790	15.1	257,734	11.2	1.3
1989-90	182,080	2,663,680	14.6	225,077	11.8	1.2
1990-91	193,600	2,997,000	15.5	263,100	11.4	1.4
1991-92	199,700	2,998,000	15.0	269,500	11.1	1.3
1992-93	203,300	3,189,100	15.7	261,500	12.2	1.3
1993-94	204,000	3,421,300	16.8	305,300	11.2	1.5
1994-95	203,700	3,310,900	16.3	290,600	11.4	1.4
1995-96	223,700	3,564,100	15.9	353,000	10.1	1.6
1996-97	217,400	3,288,400	15.1	334,200	9.8	1.5
1997-98	212,400	3,357,500	15.8	367,900	9.1	1.7
1998-99	204,800	3,190,700	15.6	349,000	9.1	1.7
1999-00	215,300	3,378,600	15.7	368,500	9.2	1.7
2000-01	213,200	3,571,400	16.7	435,100	8.2	2.0
2001-02	210,900	3,359,900	15.9	376,200	8.9	1.8
2002-03	184,100	3,247,200	17.6	367,500	8.8	2.0
2003-04	205,600	3,950,800	19.2	432,700	9.1	2.1
2004-05	230,100	4,004,100	17.4	444,300	9.0	1.9
2005-06	203,700	3,636,000	17.8	413,200	8.8	2.0
2006-07	201,800	3,398,700	16.8	377,600	9.0	1.9
2007-08	200,300	3,409,900	17.0	296,100	11.5	1.5
2008-09	194,200	3,436,500	17.7	296,900	11.6	1.5
2009-10	188,100	3,144,100	16.7	242,900	12.9	1.3
2010-11	188,500	3,436,900	18.2	284,600	12.1	1.5
2011-12	152,300	2,872,100	18.9	205,600	14.0	1.3
2012-13	178,300	2,815,200	15.8	220,600	12.8	1.2
2013-14	188,534	2,948,994	15.6	231,781	12.7	1.2
2014-15	183,200	2,957,809	16.1	225,731	13.1	1.2
2015-16	180,623	3,387,805	18.8	245,368	13.8	1.4
2016-17	136,300	2,153,000	15.8	121,192	17.8	0.9

Muzzleloader hunting data was included in this table prior to 2006-07. Beginning with the 2006-07 survey muzzleloader hunting data is presented in a separate table and not included in this table.

_____ 100 yard area definition regulation comes into effect for deer & pigs

ALABAMA HUNTING SURVEY ESTIMATES
DEER - ARCHERY

Year	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
1986-87	37,426	345,619	9.2	17,653	19.6	0.5
1987-88	42,023	336,770	8.0	15,683	21.5	0.4
1988-89	44,259	416,278	9.4	18,854	22.1	0.4
1989-90	40,232	391,557	9.7	20,798	18.8	0.5
1990-91	53,200	552,200	10.4	31,300	17.6	0.6
1991-92	58,900	619,100	10.5	25,500	24.3	0.4
1992-93	61,500	660,300	10.7	31,600	20.9	0.5
1993-94	66,300	762,900	11.5	45,200	16.9	0.7
1994-95	58,900	687,900	11.7	40,400	17.0	0.7
1995-96	70,900	740,600	10.4	45,100	16.4	0.6
1996-97	61,100	528,400	8.6	32,600	16.2	0.5
1997-98	64,300	620,600	9.6	55,500	11.2	0.9
1998-99	59,100	640,000	10.8	41,300	15.5	0.7
1999-00	69,600	741,500	10.7	47,200	15.7	0.7
2000-01	65,700	596,200	9.1	43,600	13.7	0.7
2001-02	55,400	540,700	9.9	34,500	15.7	0.6
2002-03	57,600	670,300	11.6	42,800	15.7	0.7
2003-04	65,700	770,500	11.7	45,800	16.8	0.7
2004-05	80,400	907,000	11.3	54,500	16.6	0.7
2005-06	64,400	747,000	11.6	47,600	15.7	0.7
2006-07	67,700	772,900	11.4	46,700	16.6	0.7
2007-08	69,600	821,900	11.8	38,000	21.6	0.5
2008-09	76,300	880,900	11.5	49,600	17.8	0.7
2009-10	66,500	736,700	11.1	36,400	20.2	0.5
2010-11	72,500	807,600	11.1	45,400	17.8	0.6
2011-12	60,400	721,800	12.0	43,700	16.5	0.7
2012-13	60,800	720,200	11.8	39,700	18.1	0.7
2013-14	64,430	700,483	10.9	31,514	22.2	0.5
2014-15	62,919	688,290	10.9	43,532	15.8	0.7
2015-16	67,623	799,263	11.8	44,661	17.9	0.7
2016-17	48,647	1,096,661	22.5	61,013	18.0	1.3

ALABAMA HUNTING SURVEY ESTIMATES
DEER - MUZZLELOADER

Year	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
2006-07	24,200	129,500	5.4	11,700	11.1	0.5
2007-08	23,400	115,800	4.9	7,800	14.8	0.3
2008-09	24,100	128,600	5.3	9,900	13.0	0.4
2009-10	25,400	126,300	5.0	9,800	12.9	0.4
2010-11	23,600	121,200	5.1	7,700	15.7	0.3
2011-12	19,300	97,200	5.0	5,500	17.7	0.3
2012-13	16,000	74,600	4.7	6,500	11.5	0.4
2013-14	17,953	80,432	4.5	6,665	12.1	0.4
2014-15	16,266	62,322	3.8	5,611	11.1	0.3
2015-16	20,913	114,975	5.5	4,856	23.7	0.2
2016-17	11,855	310,298	26.2	14,876	20.9	1.3

_____ 100 yard area definition regulation comes into effect for deer & pigs

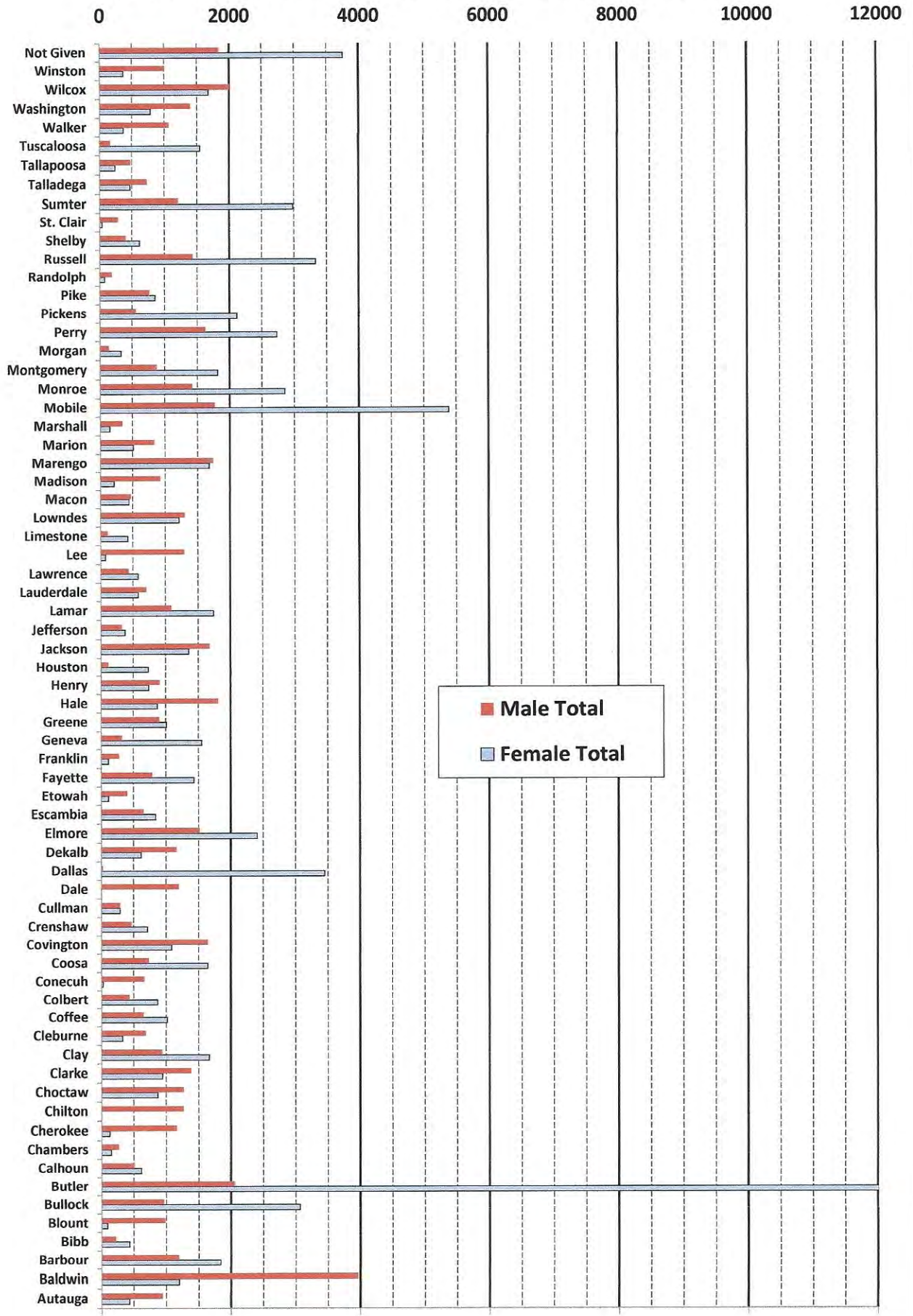
ALABAMA HUNTING SURVEY ESTIMATES
DEER - GUN, ARCHERY AND MUZZLELOADER COMBINED

Year	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
*1963-70	132,296	914,000	7.9	63,722	16.6	0.6
*1970-75	165,878	1,486,868	8.9	93,784	16.2	0.6
1975-76	210,556	2,122,670	10.1	125,625	16.9	0.6
1976-77	206,370	2,175,510	10.5	144,155	15.1	0.7
1977-78	214,364	2,338,130	10.9	147,113	15.9	0.7
1978-79	215,955	2,489,310	11.5	152,733	16.3	0.7
1979-80	211,309	2,439,100	11.5	140,685	17.3	0.7
1980-81	208,838	2,671,280	12.8	130,532	20.5	0.6
1981-82	209,871	2,605,730	12.4	202,449	12.9	1.0
1982-83	203,883	2,803,450	13.8	141,281	19.8	0.7
1983-84	196,706	2,658,670	13.5	192,231	13.8	1.0
1984-85	208,227	3,006,620	14.4	237,378	12.7	1.1
1985-86	211,522	3,075,800	14.5	280,436	11.0	1.3
1986-87	215,764	3,515,220	16.3	300,115	11.7	1.4
1987-88	221,285	3,588,490	16.2	322,977	11.1	1.5
1988-89	195,032	3,306,050	17.0	275,032	12.0	1.4
1989-90	186,211	3,064,900	16.5	242,033	12.7	1.3
1990-91	200,700	3,549,200	17.7	294,400	12.1	1.5
1991-92	205,200	3,617,100	17.6	295,000	12.3	1.4
1992-93	211,100	3,849,400	18.2	293,100	13.1	1.4
1993-94	210,600	4,184,200	19.9	350,500	11.9	1.7
1994-95	211,200	3,998,800	18.9	331,000	12.1	1.6
1995-96	229,600	4,304,700	18.7	398,100	10.8	1.7
1996-97	220,900	3,816,800	17.3	366,800	10.4	1.7
1997-98	217,300	3,978,100	18.3	423,400	9.4	2.0
1998-99	210,600	3,830,700	18.2	390,300	9.8	1.9
1999-00	221,700	4,120,100	18.6	415,700	9.9	1.9
2000-01	218,400	4,167,600	19.1	478,700	8.7	2.2
2001-02	213,400	3,900,600	18.3	410,700	9.5	1.9
2002-03	188,700	3,917,500	20.8	410,300	9.5	2.2
2003-04	210,400	4,721,300	22.4	478,400	9.9	2.3
2004-05	236,300	4,911,200	20.8	498,900	9.8	2.1
2005-06	208,700	4,383,000	21.0	460,800	9.5	2.2
2006-07	207,500	4,301,100	20.7	435,900	9.9	2.1
2007-08	206,000	4,347,500	21.1	341,900	12.7	1.7
2008-09	201,600	4,446,100	22.1	356,400	12.5	1.8
2009-10	194,800	4,007,100	20.6	289,100	13.9	1.5
2010-11	197,100	4,366,700	22.2	337,700	12.9	1.7
2011-12	155,800	3,691,100	23.7	254,800	14.5	1.6
2012-13	185,600	3,610,000	19.5	266,700	13.5	1.4
2013-14	197,098	3,729,908	18.9	269,960	13.8	1.4
2014-15	191,740	3,708,421	19.3	274,874	13.5	1.4
2015-16	191,257	4,302,043	22.5	294,885	14.6	1.5
2016-17	172,591	2,612,909	15.1	154,750	16.9	0.9

* Averaged of season years depicted

The 2016-2017 hunting season represents the sixth year the Division of Wildlife and Freshwater Fisheries began collecting county deer and turkey harvest data through the annual hunter harvest mail survey. The following graphs represent estimated harvest numbers for the respective counties. In reviewing the current data, it is important to recognize that a degree of uncertainty must be associated with each of the estimates. Data provided by licensed hunters who stated they hunted in a given county were used to generate harvest estimates. Barbour, Dallas, Macon, Tuscaloosa and other heavily hunted counties have lower standard errors because of the number respondents who hunted in those counties. Less heavily hunted counties have higher degrees or standard error (e.g.: Etowah, Marshall, Morgan). Conclusions based on a single annual survey regarding the success of a particular season relative to another season may be misleading. However, comparing annual survey estimates over a number of years could be very useful for detecting trends that reflect real changes in hunting activity and harvest levels for a particular species and county. Unfortunately for researchers NOT GIVEN ranked higher than some counties. To their own loss many of Alabama Deer Hunters are reluctant to provide information that could be used to help manage the resource.

REPORTED DEER HARVEST (MALE & FEMALE) BY COUNTY 2016-17 SEASON



ALABAMA HUNTING SURVEY ESTIMATES: TURKEY-SPRING SEASONS

Year	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
1975-79 *	30,003	188,960	6.3	20,229	9.3	0.7
1980-84*	36,357	242,147	6.7	21,396	11.3	0.6
1985	37,901	280,708	7.4	37,039	7.6	1.0
1986	40,784	309,279	7.6	43,833	7.1	1.1
1987	38,150	297,422	7.8	37,540	7.9	1.0
1988	47,204	359,730	7.6	45,835	7.8	1.0
1989	38,521	317,734	8.2	43,718	7.3	1.1
1990	38,713	304,193	7.9	29,138	10.4	0.8
1991	41,400	310,200	7.5	33,200	9.3	0.8
1992	43,000	387,600	9.0	30,900	12.5	0.7
1993	40,000	339,700	8.5	29,100	11.7	0.7
1994	47,000	349,100	7.4	40,400	8.6	0.9
1995	43,300	348,900	8.1	41,200	8.5	1.0
1996	51,900	361,200	7.0	37,400	9.7	0.7
1997	48,400	334,700	6.9	39,000	8.6	0.8
1998	51,800	362,400	7.0	41,800	8.7	0.8
1999	51,600	358,600	6.9	35,300	10.2	0.7
2000	47,300	345,900	7.3	31,400	11.0	0.7
2001	53,800	374,700	7.0	43,000	8.7	0.8
2002	50,100	389,800	7.8	36,300	10.7	0.7
2003	52,300	449,400	8.6	48,000	9.4	0.9
2004	56,600	508,100	9.0	53,100	9.6	0.9
2005	58,500	555,700	9.5	57,500	9.7	1.0
2006	59,300	515,100	8.7	55,600	9.3	0.9
2007	56,800	471,900	8.3	65,100	7.2	1.1
2008	57,600	500,900	8.7	45,400	11.0	0.8
2009	52,700	434,500	8.2	36,300	12.0	0.7
2010	51,700	462,400	8.9	40,900	11.3	0.8
2011	59,700	537,000	9.0	46,400	11.6	0.8
2012	48,000	465,800	9.7	47,800	9.7	1.0
2013	53,100	503,000	9.5	40,600	12.4	0.8
2014	60,078	493,981	8.2	42,248	11.7	0.7
2015	55,485	502,196	9.1	39,820	12.6	0.7
2016	42,126	432,155	10.3	29,893	14.5	0.7
2017	42,778	362,066	8.5	18,891	19.2	0.4

* Average of season years depicted

Lowest Spring Harvest since 1981

Highest Spring Man-day/Harvest ON RECORD

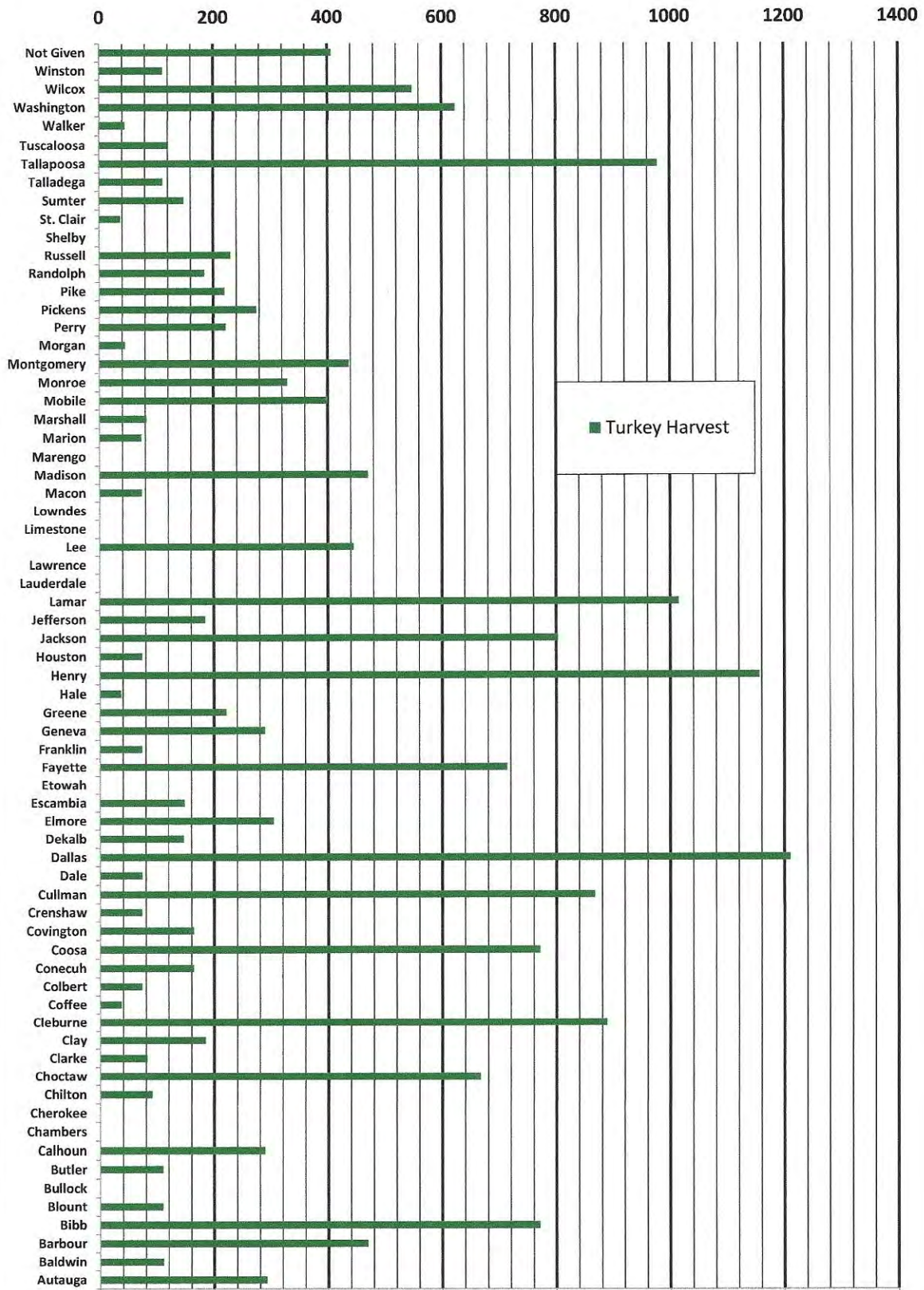
Lowest Spring Harvest/Hunter since 1982

ALABAMA HUNTING SURVEY ESTIMATES
TURKEY - FALL & SPRING SEASONS COMBINED

Year	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
1963-67 *	44,942	216,243	4.8	27,220	8.3	0.6
1968-71 *	34,563	224,206	6.5	23,080	9.7	0.7
1971-76	Survey results computed only as to Spring and Fall seasons during this time frame					
1976-80	44,523	309,543	7.0	34,362	9.0	0.8
1980-81	51,558	358,538	7.0	28,243	12.7	0.5
1981-82	49,201	326,796	6.6	35,441	9.2	0.7
1982-83	47,817	341,853	7.1	30,138	11.3	0.6
1983-84	49,783	408,771	8.2	45,723	8.9	0.9
1984-85	50,063	397,426	7.9	48,341	8.2	1.0
1985-86	50,945	394,432	7.7	57,712	6.8	1.1
1986-87	49,384	398,468	8.1	49,245	8.1	1.0
1987-88	57,578	450,351	7.8	54,265	8.3	0.9
1988-89	44,367	381,641	8.6	50,699	7.5	1.1
1989-90	45,346	353,560	7.8	33,290	10.6	0.7
1990-91	47,300	355,600	7.5	38,400	9.3	0.8
1991-92	50,100	436,800	8.7	34,300	12.7	0.7
1992-93	45,400	389,700	8.6	33,200	11.7	0.7
1993-94	51,200	382,900	7.5	43,600	8.8	0.9
1994-95	48,800	400,400	8.2	46,200	8.7	1.0
1995-96	56,100	400,300	7.1	41,000	9.8	0.7
1996-97	52,300	361,500	6.9	42,200	8.6	0.8
1997-98	54,800	385,400	7.0	46,400	8.3	0.9
1998-99	55,100	379,500	6.9	37,000	10.3	0.7
1999-00	49,800	364,100	7.3	32,900	11.1	0.7
2000-01	56,700	396,300	7.0	45,700	8.7	0.8
2001-02	54,500	409,700	7.5	39,000	10.5	0.7
2002-03	54,000	476,500	8.8	52,200	9.1	1.0
2003-04	59,400	544,900	9.2	55,400	9.8	0.9
2004-05	59,900	576,200	9.6	58,800	9.8	1.0
2005-06	61,200	548,400	9.0	58,700	9.3	1.0
2006-07	57,500	494,600	8.6	72,100	6.9	1.3
2007-08	59,600	531,100	8.9	48,100	11.0	0.8
2008-09	54,600	451,200	8.3	37,400	12.1	0.7
2009-10	53,100	475,800	9.0	42,400	11.2	0.8
2010-11	61,100	554,500	9.1	47,400	11.7	0.8
2011-12	49,600	489,900	9.9	48,900	10.0	1.0
2012-13	54,800	518,500	9.5	45,300	11.4	0.8
2013-14	60,388	506,360	8.4	45,277	11.2	0.7
2014-15	57,757	525,130	9.1	41,515	12.6	0.7
2015-16	43,769	458,899	10.5	30,670	15.0	0.7
2016-17	43,568	379,658	8.7	19,146	19.8	0.4

- The lowest harvest number since 1982
 - Greatest Man-Days/ Harvest on record
 - * Average of season years depicted
- 100 yard area definition regulation comes into effect for deer & pigs

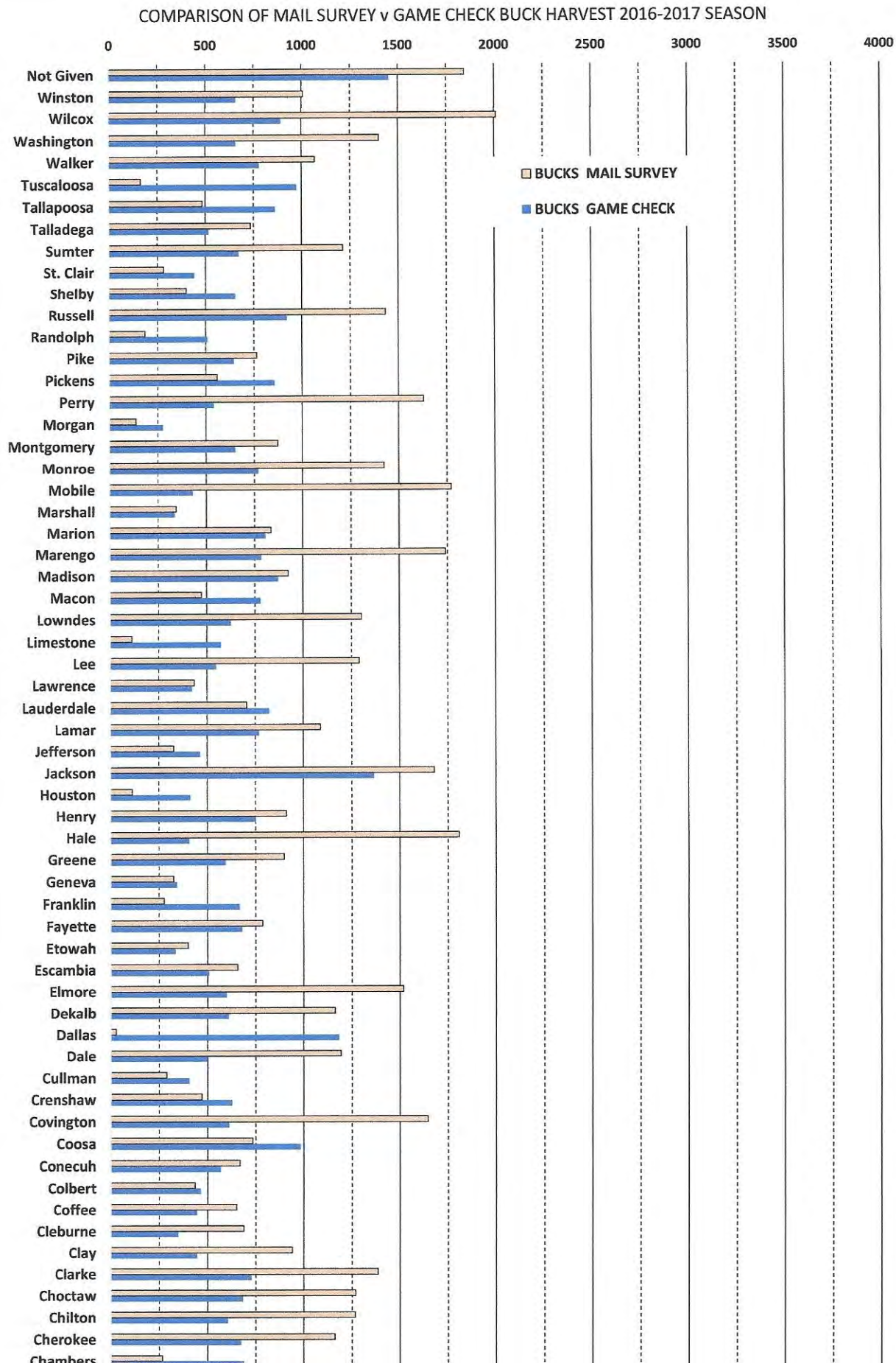
REPORTED TURKEY HARVEST BY COUNTY 2016-17 SEASON



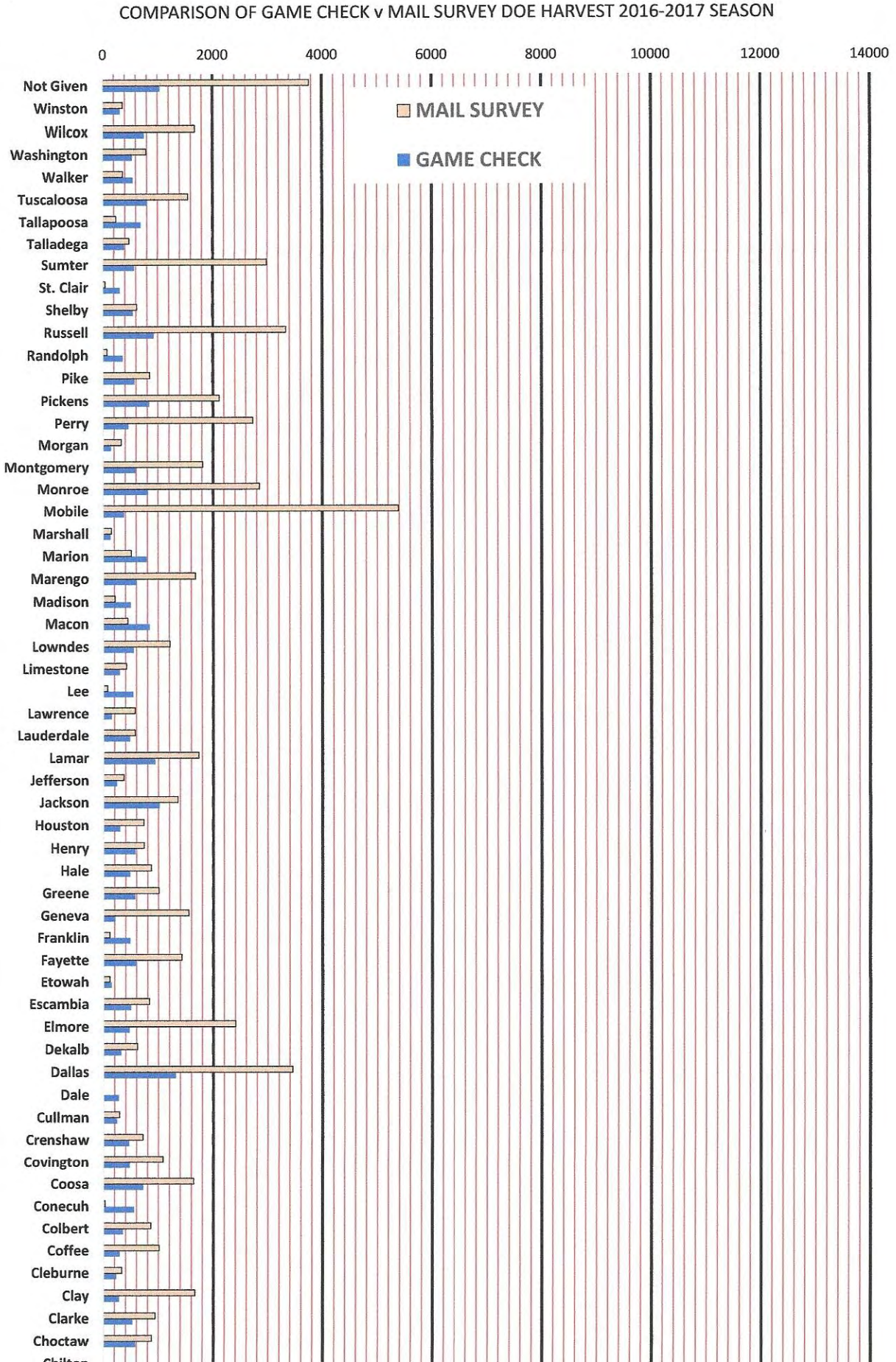
**ACTUAL REPORTED NUMBERS FORM MAIL SURVEY AND GAME CHECK
2016-2017 SEASON**

	MAIL SURVEY NUMBERS 2016-17			GAME CHECK NUMBERS 2016-17		
	BUCK	DOE	TURKEY	BUCK	DOE	TURKEY
Autauga	941	437	292	864	738	183
Baldwin	3965	1199	111	1024	891	123
Barbour	1194	1838	469	1041	1028	252
Bibb	221	437	771	635	572	100
Blount	986	91	110	400	183	91
Bullock	964	3069	0	1009	1157	144
Butler	2060	13633	110	793	688	114
Calhoun	511	615	289	581	394	186
Chambers	267	147	0	690	585	133
Cherokee	1161	127	0	675	439	216
Chilton	1267	0	91	605	494	149
Choctaw	1269	872	667	684	580	174
Clarke	1386	944	82	728	524	146
Clay	941	1667	185	447	286	153
Cleburne	688	326	888	349	232	187
Coffee	651	1014	37	447	293	136
Colbert	436	867	73	465	355	155
Conecuh	667	27	164	567	554	96
Coosa	734	1644	771	984	723	243
Covington	1645	1087	164	613	477	154
Crenshaw	471	714	73	627	465	145
Cullman	289	289	867	406	245	32
Dale	1193	0	74	500	276	180
Dallas	27	3451	1210	1184	1317	270
Dekalb	1162	615	147	610	324	84
Elmore	1519	2409	304	600	474	101
Escambia	657	840	148	509	499	67
Etowah	400	111	0	335	146	53
Fayette	788	1431	714	680	597	164
Franklin	276	111	74	668	487	158
Geneva	326	1555	289	343	211	64
Greene	899	1010	221	595	575	161
Hale	1808	870	37	407	484	90
Henry	911	738	1156	752	582	175
Houston	111	732	74	414	301	69
Jackson	1679	1356	803	1367	1025	325
Jefferson	326	371	185	464	246	105
Lamar	1088	1741	1014	768	949	118
Lauderdale	706	578	0	822	483	151
Lawrence	434	578	0	423	152	43
Lee	1290	73	445	548	541	104
Limestone	111	417	0	572	296	24
Lowndes	1303	1215	0	625	550	114
Macon	473	442	74	781	847	117
Madison	924	210	470	872	495	85
Marengo	1740	1681	0	785	604	238
Marion	835	510	73	808	792	157
Marshall	343	148	82	337	135	34
Mobile	1771	5387	400	430	379	55
Monroe	1424	2855	329	771	812	130
Montgomery	873	1815	437	652	588	155
Morgan	136	326	45	277	141	7
Perry	1629	2733	222	541	460	115
Pickens	559	2118	275	858	842	174
Pike	765	853	219	646	572	172
Randolph	184	73	184	510	358	126
Russell	1435	3335	230	923	924	116
Shelby	400	615	0	654	548	93
St. Clair	284	37	37	443	307	76
Sumter	1213	2986	148	673	574	195

COMPARISON OF MAIL SURVEY v GAME CHECK BUCKS HARVEST 2016-17 SEASON



COMPARISON OF MAIL SURVEY v GAME CHECK DOE HARVEST 2016-2017 SEASON



ALABAMA HUNTING SURVEY ESTIMATES: TURKEY- FALL SEASON

YEAR**	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
1971-74*	19,834	103,235	5.2	11,437	9.0	0.6
1975-79*	18,823	99,566	5.3	11,311	8.8	0.6
1980-84*	18,827	109,486	5.8	12,165	9.0	0.6
1985	15,529	82,564	5.3	15,424	5.4	1.0
1986	15,803	92,404	5.8	12,921	7.2	0.8
1987	15,728	86,904	5.5	7,765	11.2	0.5
1988	9,312	63,224	6.8	6,972	9.1	0.7
1989	9,837	47,795	4.9	3,568	13.4	0.4
1990	8,000	45,400	5.7	5,200	8.7	0.7
1991	9,500	49,200	5.2	3,400	14.5	0.4
1992	8,700	50,000	5.7	4,100	12.2	0.5
1993	7,200	33,800	4.7	3,200	10.6	0.4
1994	7,500	51,500	6.9	5,000	10.3	0.7
1995	6,800	39,100	5.8	3,600	10.9	0.5
1996	7,600	26,800	3.5	3,200	8.4	0.4
1997	5,100	23,000	4.5	4,600	5.0	0.9
1998	5,200	20,900	4.0	1,700	12.3	0.3
1999	4,300	18,200	4.2	1,500	12.1	0.3
2000	4,900	21,600	4.4	2,700	8.0	0.6
2001	5,000	19,900	4.0	2,700	7.4	0.5
2002	5,500	33,700	6.1	5,500	6.1	1.0
2003	4,300	27,200	6.3	4,200	6.5	1.0
2004	4,500	36,700	8.2	2,400	15.3	0.5
2005	3,300	20,500	6.2	1,300	15.8	0.4
2006	4,900	33,300	6.8	3,100	10.7	0.6
2007	3,100	22,700	7.3	7,000	3.2	2.3
2008	4,100	30,200	7.4	2,600	11.6	0.6
2009	3,400	16,600	4.9	1,100	15.1	0.3
2010	3,000	13,400	4.5	1,500	8.9	0.5
2011	2,900	17,500	6.0	1,100	15.9	0.4
2012	2,900	24,100	8.3	1,100	21.9	0.4
2013	2,600	15,500	6.0	4,700	3.3	1.8
2014	2,173	12,379	5.7	3,029	4.1	1.4
2015	3,460	22,934	6.6	1,695	13.5	0.5
2016	2,905	26,744	9.2	776	34.5	0.3
2017	1,520	11,534	7.6	337	34.2	0.2

- Lowest Fall harvest on record
- Highest Man-Day / Harvest ON RECORD
- Lowest Fall Harvest / Hunter ON RECORD
- *

Average of season years depicted

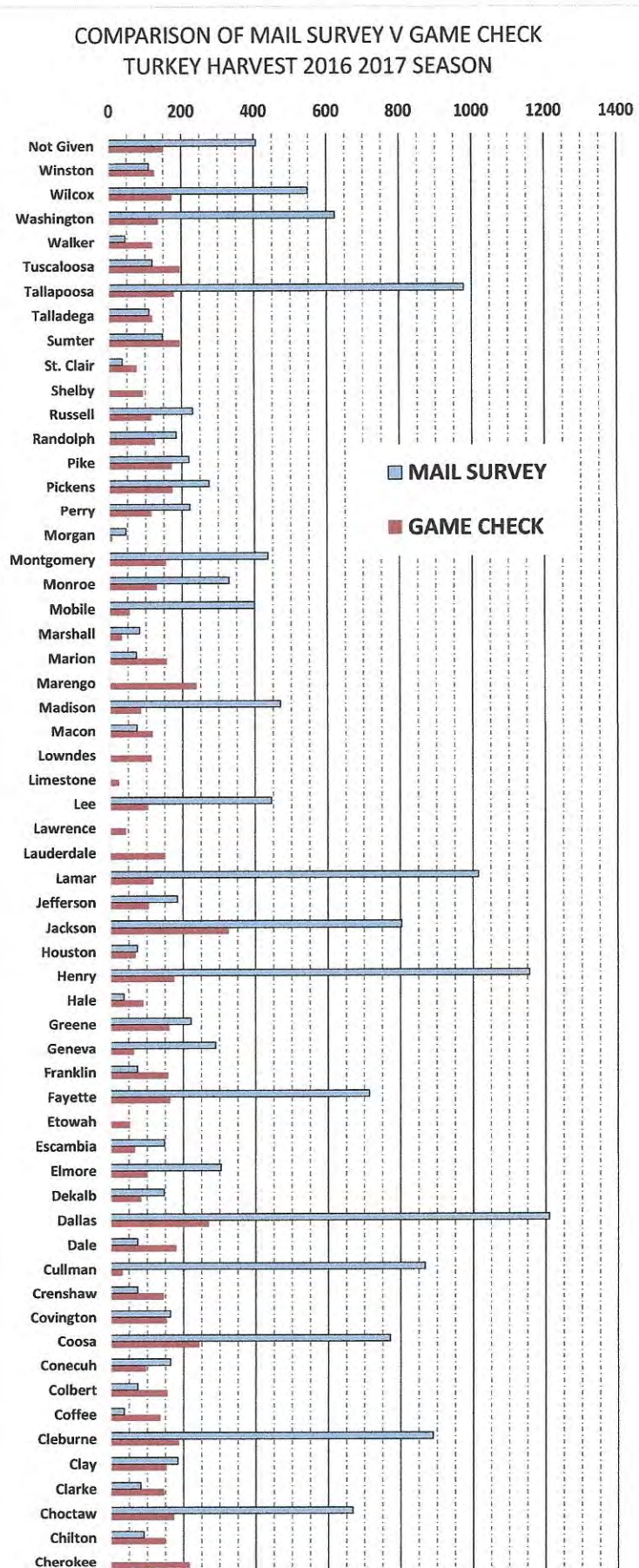
100 yard area definition regulation comes into effect for deer & pigs

** YEAR - The License Year is designated by the latter half of the license Year.
 i.e. 2017 License Year is actually 2016-2017 Season.
 THEREFORE - The 2017 year listed is actually the 2016 Fall Turkey Season.

1963-70 Turkey hunting results were not separated as to Spring and Fall seasons prior to 1971

COMPARISON OF MAIL SURVEY v GAME CHECK TURKEY HARVEST 2016-2017 SEASON

	GAME CHECK	MAIL SURVEY
Autauga	183	292
Baldwin	123	111
Barbour	252	469
Bibb	100	771
Blount	91	110
Bullock	144	0
Butler	114	110
Calhoun	186	289
Chambers	133	0
Cherokee	216	0
Chilton	149	91
Choctaw	174	667
Clarke	146	82
Clay	153	185
Cleburne	187	888
Coffee	136	37
Colbert	155	73
Conecuh	96	164
Coosa	243	771
Covington	154	164
Crenshaw	145	73
Cullman	32	867
Dale	180	74
Dallas	270	1210
Dekalb	84	147
Elmore	101	304
Escambia	67	148
Etowah	53	0
Fayette	164	714
Franklin	158	74
Geneva	64	289
Greene	161	221
Hale	90	37
Henry	175	1156
Houston	69	74
Jackson	325	803
Jefferson	105	185
Lamar	118	1014
Lauderdale	151	0
Lawrence	43	0
Lee	104	445
Limestone	24	0
Lowndes	114	0
Macon	117	74
Madison	85	470
Marengo	238	0
Marion	157	73
Marshall	34	82
Mobile	55	400
Monroe	130	329
Montgomery	155	437
Morgan	7	45
Perry	115	222
Pickens	174	275
Pike	172	219
Randolph	126	184
Russell	116	230
Shelby	93	0
St. Clair	76	37
Sumter	195	148
Talladega	120	111
Tallapoosa	179	978



ALABAMA HUNTING SURVEY ESTIMATES - DOVE

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest per Man-Day	Harvest per Hunter
1963-64 *	118,173	496,381	4.2	2,135,659	4.3	18.1
1964-69 *	117,543	590,167	5.0	2,456,800	4.2	20.9
1969-71 *	100,539	676,928	6.7	3,437,190	5.1	34.2
1971-76	Results calculated differently these years, therefore not included in this table					
1976-77	137,915	895,204	6.5	4,113,310	4.6	29.8
1977-78	136,784	930,350	6.8	4,309,020	4.6	31.5
1978-79	114,443	715,221	6.2	3,661,140	5.1	32.0
1979-80	102,041	591,462	5.8	3,160,950	5.3	31.0
1980-81	111,296	771,187	6.9	3,362,490	4.4	30.2
1981-82	104,289	643,016	6.2	3,372,020	5.2	32.3
1982-83	94,375	600,797	6.4	3,052,110	5.1	32.3
1983-84	97,282	594,374	6.1	3,517,060	5.9	36.2
1984-85	99,268	589,132	5.9	2,858,280	4.9	28.8
1985-86	102,999	564,424	5.5	2,698,040	4.8	26.2
1986-87	102,418	594,776	5.8	3,644,370	6.1	35.6
1987-88	89,355	422,257	4.7	2,430,110	5.8	27.2
1988-89	81,062	457,676	5.6	2,488,560	5.4	30.7
1989-90	84,109	419,242	5.0	2,247,490	5.4	26.7
1990-91	87,800	376,000	4.3	2,262,500	6.0	25.8
1991-92	83,600	394,100	4.7	2,050,300	5.2	24.5
1992-93	82,700	391,512	4.7	1,873,500	4.8	22.7
1993-94	82,700	389,200	4.7	2,032,500	5.2	24.6
1994-95	76,500	367,800	4.8	1,864,700	5.1	24.4
1995-96	91,300	357,600	3.9	1,971,100	5.5	21.6
1996-97	80,600	298,700	3.7	1,618,400	5.4	20.1
1997-98	78,600	293,300	3.7	1,490,800	5.1	19.0
1998-99	73,500	284,400	3.9	1,355,900	4.8	18.5
1999-00	69,800	227,800	3.3	1,191,300	5.2	17.1
2000-01	79,100	286,000	3.6	1,512,500	5.3	19.1
2001-02	84,600	328,000	3.9	1,455,800	4.4	17.2
2002-03	87,300	356,700	4.1	1,898,900	5.3	21.8
2003-04	83,600	349,500	4.2	1,922,100	5.5	22.9
2004-05	59,600	278,200	4.7	1,214,200	4.4	20.4
2005-06	59,900	223,100	3.7	1,481,900	6.6	24.7
2006-07	62,500	232,100	3.7	1,294,300	5.6	20.7
2007-08	64,400	257,700	4.0	1,189,100	4.6	18.5
2008-09	61,100	238,000	3.9	1,406,300	5.9	23.0
2009-10	61,200	214,600	3.5	1,439,700	6.7	23.5
2010-11	59,500	254,200	4.3	1,649,500	6.5	27.7
2011-12	43,300	172,700	4.0	1,064,100	6.2	24.6
2012-13	46,700	156,600	3.4	881,400	5.6	18.9
2013-14	51,668	186,627	3.6	1,154,606	6.2	22.3
2014-15	51,437	176,816	3.4	1,114,605	6.3	21.7
2015-16	42,108	181,380	4.3	966,579	5.3	23.0
2016-17	45,131	150,670	3.3	935,606	6.2	20.7

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - QUAIL

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	91,855	771,514	8.4	2,187,729	2.9	23.9
1968-70 *	95,720	718,704	7.5	2,061,857	2.9	21.5
1970-75 *	92,012	785,874	8.5	2,313,106	2.9	25.1
1975-80*	77,633	629,716	8.1	1,799,791	2.9	23.2
1980-81	66,288	509,384	7.7	1,382,800	2.7	20.9
1981-82	56,064	427,408	7.6	1,081,340	2.5	19.3
1982-83	45,780	331,482	7.2	1,010,940	3.0	22.1
1983-84	44,365	342,679	7.7	1,033,480	3.0	23.3
1984-85	45,873	416,788	9.1	930,746	2.2	20.3
1985-86	40,906	342,966	8.4	754,152	2.2	18.4
1986-87	37,333	274,860	7.4	678,251	2.5	18.2
1987-88	31,611	226,708	7.2	676,566	3.0	21.4
1988-89	28,050	251,726	9.0	560,722	2.2	20.0
1989-90	25,549	227,397	8.9	381,964	1.7	15.0
1990-91	26,200	235,400	9.0	544,300	2.3	20.8
1991-92	23,200	179,500	7.7	389,200	2.2	16.8
1992-93	23,100	144,200	6.2	379,600	2.6	16.4
1993-94	23,100	169,700	7.3	407,500	2.4	17.6
1994-95	17,800	148,100	8.3	342,300	2.3	19.2
1995-96	25,100	170,500	6.8	405,600	2.4	16.2
1996-97	17,200	90,800	5.3	244,600	2.7	14.2
1997-98	16,500	97,900	7.3	268,200	2.7	16.3
1998-99	15,500	82,300	8.3	201,700	2.5	13.0
1999-00	14,000	89,500	6.8	206,700	2.3	14.8
2000-01	12,100	61,100	5.3	128,900	2.1	10.7
2001-02	14,700	64,200	5.9	158,600	2.5	10.8
2002-03	17,100	127,300	7.5	302,400	2.4	17.7
2003-04	16,700	89,900	5.4	345,100	3.8	20.7
2004-05	9,900	65,500	6.6	279,900	4.3	28.3
2005-06	15,800	63,200	4.0	376,900	6.0	23.9
2006-07	13,000	59,600	4.6	261,900	4.4	20.1
2007-08	13,500	70,900	5.3	343,500	4.8	25.4
2008-09	10,400	64,600	6.2	252,300	3.9	24.3
2009-10	8,000	55,600	7.0	138,700	2.3	17.3
2010-11	8,700	45,400	5.2	230,300	5.1	26.5
2011-12**	14,200	57,500	4.0	509,600	8.9	35.9
2012-13**	13,500	78,400	5.8	389,400	5.0	28.8
2013-14**	12,800	76,502	6.0	615,518	8.0	48.1
2014-15**	16,146	82,640	5.1	538,381	6.5	33.3
2015-16**	11,607	68,842	5.9	267,265	3.9	23.0
2016-17**	10,055	56,920	5.7	320,408	5.6	31.9

* Average of season years depicted

** Quail estimates include data from wild quail and pen raised quail.

ALABAMA HUNTING SURVEY ESTIMATES-SQUIRREL

Years	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	177,441	1,285,491	7.2	2,287,619	1.8	12.9
1968-70 *	159,508	1,066,366	6.7	1,795,018	1.7	11.3
1970-75 *	166,093	1,096,772	6.6	2,057,758	1.9	12.4
1975-80 *	164,434	1,035,135	6.3	1,856,148	1.8	11.3
1980-81	145,342	1,010,940	7.0	1,696,760	1.7	11.7
1981-82	131,031	845,711	6.5	1,489,670	1.8	11.4
1982-83	121,027	794,733	6.6	1,453,990	1.8	12.0
1983-84	113,208	707,865	6.3	1,420,510	2.0	12.5
1984-85	121,923	890,112	7.3	1,635,570	1.8	13.4
1985-86	106,365	702,701	6.6	1,177,610	1.7	11.1
1986-87	109,348	784,783	7.2	1,375,910	1.8	12.6
1987-88	108,211	700,195	6.5	1,262,200	1.8	11.7
1988-89	87,192	645,717	7.4	1,078,540	1.7	12.4
1989-90	75,312	505,221	6.7	836,574	1.7	11.1
1990-91	79,600	485,200	6.1	893,900	1.8	11.2
1991-92	77,700	596,100	7.7	961,400	1.6	12.4
1992-93	71,800	452,200	6.3	737,400	1.6	10.3
1993-94	67,900	481,300	7.1	806,600	1.7	11.9
1994-95	62,800	425,600	6.8	709,400	1.7	11.3
1995-96	63,600	359,100	5.6	558,200	1.6	8.8
1996-97	66,800	400,000	6.0	700,200	1.8	10.5
1997-98	67,400	388,900	7.1	741,300	1.9	11.9
1998-99	57,600	342,600	6.8	539,700	1.6	11.3
1999-00	56,600	333,300	5.6	517,200	1.6	8.8
2000-01	53,600	310,400	5.8	567,600	1.8	10.6
2001-02	63,900	318,900	5.0	577,000	1.8	9.0
2002-03	56,100	326,100	5.8	603,700	1.9	10.8
2003-04	59,000	393,900	6.7	666,300	1.7	11.3
2004-05	40,100	281,200	7.0	402,200	1.4	10.0
2005-06	38,000	202,800	5.3	439,800	2.2	11.6
2006-07	37,700	224,100	6.0	375,500	1.7	10.0
2007-08	38,000	284,100	7.5	363,100	1.3	9.6
2008-09	42,500	295,900	7.0	550,400	1.9	13.0
2009-10	37,000	236,400	6.4	344,100	1.5	9.3
2010-11	37,100	257,600	6.9	488,300	1.9	13.2
2011-12	31,000	192,400	6.2	383,900	2.0	12.4
2012-13	36,600	272,900	7.5	417,700	1.5	11.4
2013-14	36,196	218,732	6.0	458,201	2.1	12.7
2014-15	34,144	163,220	4.8	408,366	2.5	12.0
2015-16	44,651	232,785	5.2	340,439	1.5	7.6
2016-17	21,740	133,554	6.1	320,238	2.4	14.7

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - RABBIT

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	113,012	747,806	6.6	1,074,165	1.4	9.5
1968-70 *	112,142	647,056	5.8	976,724	1.5	8.7
1970-75 *	93,980	642,791	6.8	921,601	1.4	9.8
1975-80 *	91,526	542,244	5.9	750,177	1.4	8.2
1980-81	83,586	578,360	6.9	776,996	1.3	9.3
1981-82	78,714	498,195	6.3	679,296	1.4	8.6
1982-83	69,263	466,398	6.7	681,203	1.5	9.8
1983-84	60,079	377,382	6.3	518,228	1.4	8.6
1984-85	64,733	433,780	6.7	542,639	1.3	8.4
1985-86	55,489	367,049	6.6	420,729	1.1	7.6
1986-87	56,219	428,443	7.6	523,923	1.2	9.3
1987-88	53,830	348,965	6.5	514,994	1.5	9.6
1988-89	40,090	294,097	7.3	353,933	1.2	8.8
1989-90	33,400	245,698	7.4	282,374	1.1	8.5
1990-91	40,300	235,700	5.8	248,900	1.1	6.2
1991-92	36,000	271,700	7.5	254,000	0.9	7.1
1992-93	33,700	249,200	7.4	234,100	0.9	6.9
1993-94	33,400	250,600	7.5	246,400	1.0	7.4
1994-95	31,100	228,700	7.4	246,500	1.1	7.9
1995-96	38,100	250,600	6.6	233,200	0.9	6.1
1996-97	30,400	187,300	6.2	217,100	1.2	7.1
1997-98	31,100	212,000	6.8	222,800	1.1	7.2
1998-99	29,100	161,600	5.6	163,200	1.0	5.6
1999-00	29,900	192,500	6.4	172,600	0.9	5.8
2000-01	26,600	161,600	6.1	157,100	1.0	5.9
2001-02	33,600	158,700	4.7	174,500	1.1	5.2
2002-03	22,800	149,800	6.6	243,100	1.6	10.7
2003-04	28,900	196,100	6.8	216,900	1.1	7.5
2004-05	19,300	152,500	7.9	166,000	1.1	8.6
2005-06	21,300	141,100	6.6	165,700	1.2	7.8
2006-07	20,000	106,900	5.3	123,400	1.2	6.2
2007-08	21,300	126,800	6.0	107,800	0.9	5.1
2008-09	22,700	183,600	8.1	175,300	1.0	7.7
2009-10	18,200	137,800	7.6	122,100	0.9	6.7
2010-11	17,800	112,500	6.3	109,500	1.0	6.2
2011-12	13,200	130,300	9.9	173,000	1.3	13.1
2012-13	24,000	128,900	5.4	101,500	0.8	4.2
2013-14	15,219	89,252	5.9	86,131	1.0	5.7
2014-15	15,453	94,130	6.1	81,555	0.9	5.3
2015-16	16,933	90,930	5.4	56,704	0.6	3.3
2016-17	7,608	46,677	6.1	46,589	1.0	6.1

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - RACCOON

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1979-80	24,846	294,722	11.9	234,099	0.8	9.4
1980-81	25,201	327,785	13.0	207,943	0.6	8.3
1981-82	24,888	282,675	11.4	155,270	0.5	6.2
1982-83	21,762	254,866	11.7	177,620	0.7	8.2
1983-84	17,317	150,983	8.7	125,663	0.8	7.3
1984-85	20,571	217,285	10.6	139,424	0.6	6.8
1985-86	18,710	208,009	11.1	151,539	0.7	8.1
1986-87	18,721	267,086	14.3	144,797	0.5	7.7
1987-88	20,893	225,519	10.8	163,660	0.7	7.8
1988-89	15,742	242,121	15.4	128,303	0.5	8.2
1989-90	12,104	203,958	16.9	123,166	0.6	10.2
1990-91	11,800	157,700	13.4	80,500	0.5	6.8
1991-92	14,900	165,500	11.1	69,700	0.4	4.7
1992-93	8,900	128,000	14.4	53,000	0.4	6.0
1993-94	11,200	162,500	14.5	74,800	0.5	6.7
1994-95	10,700	142,700	13.3	78,200	0.5	7.3
1995-96	13,800	144,300	10.5	85,000	0.6	6.2
1996-97	12,600	129,000	10.2	65,900	0.5	5.2
1997-98	10,900	135,100	12.4	92,400	0.7	8.5
1998-99	9,500	101,600	10.7	64,100	0.6	6.8
1999-00	9,700	109,000	11.2	49,700	0.5	5.1
2000-01	11,400	101,200	8.9	67,000	0.7	5.9
2001-02	10,000	85,800	8.6	53,600	0.6	5.4
2002-03	8,700	177,500	20.4	99,900	0.6	11.5
2003-04	13,700	180,600	13.1	121,800	0.7	8.9
2004-05	7,000	164,500	23.4	45,700	0.3	6.5
2005-06	10,800	163,600	15.1	105,100	0.6	9.7
2006-07	10,300	171,400	16.6	86,500	0.5	8.4
2007-08	10,600	185,800	17.5	67,200	0.4	6.3
2008-09	9,000	174,600	19.4	80,700	0.5	9.0
2009-10	7,200	129,600	18.0	53,600	0.4	7.4
2010-11	8,900	113,300	12.7	79,500	0.7	8.9
2011-12	6,200	128,700	20.8	79,500	0.6	12.8
2012-13	7,600	98,800	13.0	38,000	0.4	5.0
2013-14	5,793	103,764	17.9	52,311	0.5	9.0
2014-15	7,278	112,883	15.5	56,228	0.5	7.7
2015-16	8,205	101,072	12.3	40,114	0.4	4.9
2016-17	3,851	60,013	15.6	39,984	0.7	10.4

ALABAMA HUNTING SURVEY ESTIMATES - OPOSSUM

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	19,317	124,766	6.6	127,090	1.0	6.6
1969-70	16,318	88,675	5.4	93,205	1.1	5.7
1972-73	12,117	113,689	9.4	126,001	1.1	10.4
1975-76	17,998	93,129	5.2	152,992	1.6	8.5
1979-80	10,172	76,987	7.6	98,494	1.3	9.7
1980-85*	39,356	315,879	8.0	280,565	0.9	7.1
1985-86	5,043	42,656	8.5	35,590	0.8	7.1
1986-87	4,197	56,696	13.5	34,580	0.6	8.2
1987-88	4,575	38,067	8.3	30,904	0.8	6.8
1988-89	2,382	23,823	10.0	18,812	0.8	7.9
1989-90	1,975	25,478	12.9	13,507	0.5	6.8
1990-91	2,800	32,700	11.7	20,300	0.6	7.3
1991-92	2,000	12,500	6.3	7,800	0.6	3.9
1992-93	1,300	24,300	18.7	7,900	0.3	6.1
1993-94	1,600	17,700	11.1	7,200	0.4	4.5
1994-95	1,000	9,800	9.8	7,800	0.8	7.8
1995-96	2,200	6,000	2.7	9,200	1.5	4.2
1996-97	2,300	20,300	8.8	8,200	0.4	3.6
1997-98	1,800	10,300	5.7	8,600	0.8	4.8
1998-99	1,800	19,300	10.7	9,000	0.5	5.0
1999-00	1,900	13,500	7.1	1,700	0.1	0.9
2000-01	1,800	26,300	14.6	9,500	0.4	5.3
2001-02	1,700	4,500	2.6	5,700	1.3	3.3
2002-03	1,500	8,500	5.5	5,100	0.6	3.3
2003-04	2,300	15,200	6.7	6,000	0.4	2.6
2004-05	1,500	16,400	11.0	4,600	0.3	3.1
2005-06	3,200	33,800	10.6	14,600	0.4	4.6
2006-07	1,800	12,000	6.7	11,000	0.9	6.1
2007-08	2,800	15,800	5.6	6,000	0.4	2.1
2008-09	1,600	30,000	18.8	5,500	0.2	3.4
2009-10	1,800	87,600	48.7	8,500	0.1	4.7
2010-11	2,000	14,200	7.1	15,900	1.1	8.0
2011-12	1,900	18,000	9.5	22,800	1.3	12.0
2012-13	1,800	25,100	13.9	4,400	0.2	2.4
2013-14	1,609	4,650	2.9	12,925	2.8	8.0
2014-15	1,705	16,279	9.5	7,440	0.5	4.4
2015-16	2,845	24,114	8.5	9,218	0.4	3.2
2016-17	1,786	9,687	5.4	13,766	1.4	7.7

Specie omitted from sample during 68-69, 70-72, 73-75, 76-79

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - FOX

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1979-80	5,010	72,566	14.5	8,670	0.1	1.7
1980-81	4,427	35,912	8.1	7,565	0.2	1.7
1981-82	4,628	84,401	18.2	15,069	0.2	3.3
1982-83	4,119	46,658	11.3	9,658	0.2	2.3
1983-84	2,460	22,731	9.2	3,585	0.2	1.5
1984-85	3,015	41,943	13.9	6,255	0.1	2.1
1985-86	3,256	21,129	6.5	6,533	0.3	2.0
1986-87	2,014	23,533	11.7	3,040	0.1	1.5
1987-88	3,262	22,488	6.9	6,563	0.3	2.0
1988-89	1,495	9,699	6.5	1,626	0.2	1.1
1989-90	1,587	9,518	6.0	1,177	0.1	0.7
1990-91	1,000	7,600	7.6	1,000	0.1	1.0
1991-92	1,300	25,700	19.8	1,200	0.0	0.9
1992-93	400	2,800	7.0	200	0.1	0.5
1993-94	1,400	7,300	5.2	1,000	0.1	0.7
1994-95	1,100	37,000	33.6	1,900	0.1	1.7
1995-96	2,400	10,500	4.4	8,600	0.8	3.6
1996-97	1,800	15,900	8.8	700	0.0	0.4
1997-98	1,900	9,100	4.8	1,300	0.1	0.7
1998-99	1,500	13,300	8.9	1,200	0.1	0.8
1999-00	1,600	21,200	13.3	700	0.0	0.4
2000-01	1,600	10,200	6.4	1,500	0.1	0.9
2001-02	1,900	11,300	5.9	2,200	0.2	1.2
2002-03	1,800	18,300	10.1	4,200	0.2	2.3
2003-04	2,000	10,600	5.3	2,300	0.2	1.2
2004-05	2,500	43,100	17.1	3,600	0.1	1.4
2005-06	2,100	10,000	4.8	2,800	0.3	1.3
2006-07	1,800	23,200	12.9	5,000	0.2	2.8
2007-08	2,400	20,200	8.4	1,300	0.1	0.5
2008-09	2,300	15,600	6.8	5,900	0.4	2.6
2009-10	2,100	7,300	3.5	1,900	0.3	0.9
2010-11	1,000	9,900	9.9	2,100	0.2	2.1
2011-12	400	1,600	4.0	600	0.4	1.5
2012-13	1,000	21,200	21.2	800	0.0	0.8
2013-14	1,570	19,114	12.2	1,651	0.1	1.1
2014-15	1,191	5,597	4.7	3,045	0.5	2.6
2015-16	2,969	26,718	9.0	1,113	0.04	0.4
2016-17	547	3,100	5.7	762	0.2	1.4

ALABAMA HUNTING SURVEY ESTIMATES - COYOTE

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Days	Harvest Per Hunter
1983-84	5,708	41,081	7.2	9,655	0.2	1.7
1984-85	5,717	37,697	6.6	5,854	0.2	1.0
1985-86	7,046	41,781	5.9	5,264	0.1	0.7
1986-87	7,648	48,796	6.4	10,995	0.2	1.4
1987-88	12,355	72,573	5.9	13,137	0.2	1.1
1988-89	7,241	49,323	6.8	11,766	0.2	1.6
1989-90	8,730	73,612	8.4	11,364	0.2	1.3
1990-91	11,900	76,300	6.4	21,100	0.3	1.8
1991-92	11,000	96,400	8.8	13,200	0.1	1.2
1992-93	11,100	78,700	7.1	12,100	0.2	1.1
1993-94	12,300	80,500	6.5	18,900	0.2	1.5
1994-95	10,200	113,800	11.2	20,800	0.2	2.0
1995-96	15,500	71,400	4.6	28,900	0.4	1.9
1996-97	17,800	120,500	6.8	30,800	0.3	1.7
1997-98	16,600	80,500	4.8	23,400	0.3	1.4
1998-99	15,400	90,600	5.9	30,800	0.3	2.0
1999-00	15,900	118,000	7.4	22,700	0.2	1.4
2000-01	15,100	66,500	4.4	19,900	0.3	1.3
2001-02	17,500	63,800	3.6	31,400	0.5	1.8
2002-03	15,700	131,800	8.4	26,600	0.2	1.7
2003-04	17,300	210,900	12.2	28,700	0.1	1.7
2004-05	16,600	241,500	14.5	35,000	0.1	2.1
2005-06	16,800	95,400	5.7	35,300	0.4	2.1
2006-07	19,900	163,100	8.2	33,000	0.2	1.7
2007-08	21,800	144,100	6.6	32,100	0.2	1.5
2008-09	22,300	247,600	11.1	46,100	0.2	2.1
2009-10	21,200	176,900	8.3	35,700	0.2	1.7
2010-11	14,900	136,000	9.1	45,100	0.3	3.0
2011-12	18,300	125,700	6.9	35,200	0.3	1.9
2012-13	26,800	186,600	7.0	44,500	0.2	1.7
2013-14	26,119	175,039	6.7	52,213	0.3	2.0
2014-15	18,224	180,954	9.9	32,583	0.2	1.8
2015-16	30,438	267,591	8.8	50,353	0.2	1.7
2016-17	16,911	184,380	10.9	40,223	0.2	2.4

ALABAMA HUNTING SURVEY ESTIMATES - BOBCAT

Year	Hunters	Man-Days	Average Man-Days	Harvest	Man-Days Per Harvest	Harvest Per Hunter
2001-02	3,700	16,400	4.4	4,100	4.0	1.1
2002-03	4,300	40,600	9.5	4,600	8.8	1.1
2003-04	7,000	58,600	8.4	7,900	7.4	1.1
2004-05	6,600	102,700	15.5	8,900	11.5	1.3
2005-06	7,600	44,000	5.8	10,500	4.2	1.4
2006-07	6,100	46,000	7.5	7,600	6.1	1.2
2007-08	7,300	70,300	9.6	4,600	15.3	0.6
2008-09	7,400	67,800	9.2	7,700	8.8	1.0
2009-10	4,900	56,300	11.5	4,100	13.7	0.8
2010-11	4,800	41,700	8.7	8,600	4.8	1.8
2011-12	5,500	23,100	4.2	6,300	3.7	1.1
2012-13	5,100	40,000	7.8	12,300	3.3	2.4
2013-14	5,120	37,647	7.4	4,120	9.1	0.8
2014-15	5,064	16,636	3.3	8,049	2.1	1.6
2015-16	5,496	44,711	8.1	2,496	17.9	0.5
2016-17	2,973	19,590	6.6	1,309	15.0	0.4

ALABAMA HUNTING SURVEY ESTIMATES - DUCK

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	21,856	102,595	4.7	115,452	1.1	5.2
1968-70 *	19,338	93,631	4.8	126,817	1.4	6.6
1970-74 *	22,513	114,931	5.1	149,330	1.3	6.6
1975-79 *	26,485	133,919	5.1	170,200	1.3	6.4
1980-81	21,540	120,756	5.6	155,411	1.3	7.2
1981-82	20,008	128,591	6.4	159,758	1.2	8.0
1982-83	17,813	118,866	6.7	157,383	1.3	8.8
1983-84	16,382	108,080	6.6	152,012	1.4	9.3
1984-85	19,103	137,940	7.2	182,739	1.3	9.6
1985-86	17,949	90,611	5.0	110,686	1.2	6.2
1986-87	16,030	101,402	6.3	146,915	1.4	9.2
1987-88	11,437	60,922	5.3	77,770	1.3	6.8
1988-89	10,088	56,584	5.6	57,783	1.0	5.7
1989-90	12,398	64,509	5.2	89,182	1.4	7.2
1990-91	10,900	69,700	6.4	93,200	1.3	8.6
1991-92	8,600	52,000	6.0	68,500	1.3	8.0
1992-93	10,600	71,800	6.8	98,300	1.4	9.3
1993-94	11,300	71,900	6.4	94,800	1.3	8.4
1994-95	10,700	82,200	7.7	100,900	1.2	9.4
1995-96	15,700	127,500	8.1	220,700	1.7	14.1
1996-97	15,900	121,600	7.6	157,700	1.3	9.9
1997-98	15,800	132,500	8.4	164,800	1.2	10.4
1998-99	19,300	141,200	7.3	230,700	1.6	12.0
1999-00	16,600	131,000	7.9	187,700	1.4	11.3
2000-01	19,400	138,700	7.1	219,100	1.6	11.3
2001-02	22,500	175,600	7.8	209,400	1.2	9.3
2002-03	17,700	123,400	7.0	160,300	1.3	9.1
2003-04	21,800	192,000	8.8	233,800	1.2	10.7
2004-05	15,200	134,400	8.8	164,700	1.2	10.8
2005-06	14,100	95,900	6.8	166,500	1.7	11.8
2006-07	16,600	125,500	7.6	175,300	1.4	10.6
2007-08	18,200	129,200	7.1	185,500	1.4	10.2
2008-09	17,800	134,800	7.6	244,400	1.8	13.7
2009-10	18,600	148,100	8.0	231,800	1.6	12.5
2010-11	19,900	189,300	9.5	347,600	1.8	17.5
2011-12	16,100	151,900	9.4	263,900	1.7	16.4
2012-13	20,800	160,000	7.7	260,500	1.6	12.5
2013-14	19,838	155,575	7.8	261,640	1.7	13.2
2014-15	21,439	179,809	8.4	315,807	1.8	14.7
2015-16	19,987	155,883	7.8	207,913	1.3	10.4
2016-17	15,568	158,400	10.2	302,599	1.9	19.4

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - GOOSE

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	4,710	18,047	3.9	5,899	0.5	1.3
1968-70 *	5,984	28,693	4.8	8,634	0.3	1.4
1970-74 *	3,336	19,473	5.8	5,711	0.3	1.7
1975-79 *	3,566	18,438	5.2	3,645	0.2	1.0
1980-81	3,218	14,194	4.4	3,535	0.2	1.1
1981-82	2,447	12,557	5.1	2,149	0.2	0.9
1982-83	2,116	16,531	7.8	1,219	0.1	0.6
1983-84	2,872	18,794	6.5	3,517	0.2	1.2
1984-85	2,641	18,015	6.8	3,157	0.2	1.2
1985-86	3,461	15,511	4.5	3,111	0.2	0.9
1986-87	3,007	20,505	6.8	2,109	0.1	0.7
1987-88	1,595	8,468	5.3	2,214	0.3	1.4
1988-89	1,900	9,841	5.2	2,095	0.2	1.1
1989-90	3,095	17,103	5.5	8,787	0.5	2.8
1990-91	4,300	31,000	7.2	15,500	0.5	3.6
1991-92	3,100	11,100	3.6	3,700	0.3	1.2
1992-93	2,200	11,700	5.3	2,800	0.2	1.3
1993-94	1,300	11,100	8.5	7,000	0.6	5.4
1994-95	3,200	17,100	5.3	5,000	0.3	1.6
1995-96	4,400	34,800	7.9	9,500	0.3	2.2
1996-97	3,000	10,800	3.6	3,900	0.4	1.3
1997-98	4,500	30,900	6.9	4,700	0.2	1.0
1998-99	4,300	28,600	6.7	4,300	0.2	1.0
1999-00	4,100	19,000	4.6	9,100	0.5	2.2
2000-01	3,100	17,300	5.6	6,000	0.3	1.9
2001-02	5,400	29,700	5.5	14,700	0.5	2.7
2002-03	3,600	24,800	6.9	4,800	0.2	1.3
2003-04	5,900	35,700	6.1	10,000	0.3	1.7
2004-05	5,000	32,400	6.5	8,600	0.3	1.7
2005-06	3,700	22,200	6.0	14,300	0.6	3.9
2006-07	3,800	21,100	5.6	13,600	0.6	3.6
2007-08	5,400	35,400	6.6	15,600	0.4	2.9
2008-09	5,600	46,500	8.3	18,200	0.4	3.3
2009-10	5,600	31,800	5.7	14,900	0.5	2.7
2010-11	4,600	23,000	5.0	16,300	0.7	3.5
2011-12	5,000	32,900	6.6	21,100	0.6	4.2
2012-13	4,500	40,500	9.0	6,900	0.2	1.5
2013-14	5,200	37,143	7.1	17,756	0.5	3.4
2014-15	5,181	41,902	8.1	10,327	0.2	2.0
2015-16	5,392	35,178	6.5	18,307	0.5	3.4
2016-17	4,715	55,607	11.8	18,944	0.3	4.0

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - COOT

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	1,887	9,955	5.2	25,517	2.7	13.4
1969-70	2,627	7,300	2.8	20,734	2.8	7.9
1972-73	2,383	25,574	10.7	51,027	2.0	21.4
1976-80 *	1,343	6,425	4.8	10,180	1.6	7.6
1980-85 *	1,274	5,511	4.3	20,941	3.8	16.4
1985-86	1,236	6,994	5.7	21,463	3.1	17.4
1986-87	1,049	11,739	11.2	18,435	1.6	17.6
1987-88	695	2,649	3.8	1,665	0.6	2.4
1988-89	634	3,931	6.2	2,266	0.6	3.6
1989-90	545	3,196	5.9	3,964	1.2	7.3
1990-91	1,000	6,500	6.5	9,500	1.5	9.5
1991-92	200	200	1.0	300	1.5	1.5
1992-93	700	800	1.1	1,900	2.4	2.7
1993-94	400	1,900	4.8	2,500	1.3	6.3
1994-95	200	600	3.0	900	1.5	4.5
1995-96	700	6,300	9.0	4,500	0.7	6.4
1996-97	1,000	7,600	7.6	12,000	1.6	12.0
1997-98	1,000	6,300	6.3	4,400	0.7	4.4
1998-99	1,300	3,300	2.5	8,000	2.4	6.1
1999-00	900	5,900	6.6	3,500	0.6	3.9
2000-01	700	5,200	7.4	7,100	1.4	10.1
2001-02	800	10,300	12.9	8,000	1.3	10.0
2002-03	100	600	5.6	600	1.0	5.5
2003-04	400	2,800	7.1	2,000	0.7	5.0
2004-05	700	15,100	21.6	2,100	0.1	3.0
2005-06	400	2,300	5.7	2,400	1.0	6.0
2006-07	700	6,600	9.4	9,300	1.4	13.3
2007-08	800	7,400	9.3	5,700	1.3	7.1
2008-09	1800	24,800	13.8	28,400	1.1	15.8
2009-10	1400	15,700	11.2	14,700	0.9	10.5
2010-11	800	5,600	0.7	9,300	1.7	11.6
2011-12	1,000	14,200	14.2	19,400	1.4	19.4
2012-13	1,400	22,800	16.3	4,400	0.2	3.1
2013-14	1,973	10,376	5.3	9,210	0.9	4.7
2014-15	1,350	21,209	15.7	20,381	1.0	15.1
2015-16	1,303	5,371	4.1	4,092	0.8	3.1
2016-17	1,298	8,302	6.4	7,435	0.9	5.7

Specie omitted from sample during 68-69, 70-72, 73-75,

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - SNIPE

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	6,429	32,708	5.1	36,897	1.1	5.6
1969-70	7,657	20,284	2.6	38,510	1.9	5.0
1972-73	6,194	19,099	3.1	34,950	1.8	5.6
1975-76	8,969	25,100	2.8	76,528	3.0	8.5
1979-80	5,356	18,676	3.5	23,960	1.3	4.5
1980-85 *	3,345	12,082	3.6	22,700	1.9	6.8
1985-86	2,537	6,099	2.4	11,140	1.8	4.4
1986-87	1,531	5,488	3.6	4,902	0.9	3.2
1987-88	1,438	8,611	6.0	11,654	1.4	8.1
1988-89	1,066	4,956	4.6	4,565	0.9	4.3
1989-90	1,312	8,727	6.7	10,560	1.2	8.0
1990-91	1,300	3,900	3.0	5,000	1.3	3.8
1991-92	1,200	6,000	5.0	5,300	0.9	4.4
1992-93	700	5,900	8.4	2,400	0.4	3.4
1993-94	700	4,700	6.7	8,800	1.9	12.6
1994-95	300	600	2.0	1,900	3.2	6.3
1995-96	900	3,100	3.4	1,600	0.5	1.8
1996-97	1,300	5,200	4.0	6,200	1.2	4.8
1997-98	400	2,600	6.5	1,800	0.7	4.5
1998-99	400	800	2.0	2,100	2.6	5.3
1999-00	800	2,200	2.8	2,800	1.3	3.5
2000-01	800	1,800	2.3	3,800	2.1	4.8
2001-02	1,100	1,700	1.5	3,700	2.2	3.4
2002-03	400	1,100	2.8	2,400	2.2	6.2
2003-04	700	3,500	5.0	2,200	0.6	3.1
2004-05	400	3,400	8.5	5,100	1.5	12.8
2005-06	1,100	2,400	2.2	9,400	3.9	8.5
2006-07	1,000	3,100	3.1	11,500	3.7	11.5
2007-08	1,000	2,500	2.5	3,400	1.4	3.4
2008-09	800	2,700	3.4	6,700	2.5	8.4
2009-10	300	1,200	4.0	700	0.6	2.3
2010-11	300	500	1.7	500	1.0	1.7
2011-12	100	200	2.0	500	2.5	5.0
2012-13	400	600	1.5	600	1.0	1.5
2013-14	84	112	1.3	251	2.2	3.0
2014-15	477	1,354	2.8	2,290	1.7	4.8
2015-16	148	214	1.4	1,001	4.7	6.8
2016-17	615	4,950	8.0	3,616	0.7	5.9

Specie omitted from sample during 68-69, 70-72, 73-75, 76-79

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - WOODCOCK

Year	Hunter	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1963-67 *	4,208	22,860	5.5	17,341	0.8	4.1
1969-70	7,342	26,133	3.6	34,450	1.3	4.7
71/72-75/76*	5,692	29,459	5.2	25,802	0.9	4.5
76/77-79/80*	6,387	24,340	3.8	32,576	1.3	5.1
80/81-84/85*	3,853	15,165	3.9	16,203	1.1	4.2
1985-86	2,673	6,779	2.5	8,617	1.3	3.2
1986-87	1,564	5,781	3.7	5,165	0.9	3.3
1987-88	1,923	4,032	2.1	6,812	1.7	3.5
1988-89	1,141	7,260	6.4	3,778	0.5	3.3
1989-90	1,088	9,157	8.4	3,937	0.4	3.6
1990-91	1,300	3,000	2.3	3,700	1.2	2.8
1991-92	800	2,300	2.9	2,500	1.1	3.1
1992-93	600	1,400	2.3	2,100	1.5	3.5
1993-94	1,200	4,100	3.4	900	0.2	0.8
1994-95	700	2,200	3.1	1,300	0.6	1.9
1995-96	900	3,100	3.4	1,600	0.5	1.8
1996-97	1,000	4,300	4.3	1,600	0.4	1.6
1997-98	800	2,600	3.3	2,300	0.9	2.9
1998-99	500	600	1.2	1,100	1.8	2.2
1999-00	1,100	2,200	2.0	3,400	1.5	3.1
2000-01	300	800	2.7	1,100	1.4	3.7
2001-02	500	2,200	4.4	300	0.1	0.6
2002-03	600	7,500	12.9	2,100	0.3	3.6
2003-04	400	700	1.9	900	1.3	2.2
2004-05	400	5,300	12.0	2,400	0.5	6.0
2005-06	500	900	1.8	1,700	1.9	3.4
2006-07	300	600	2.0	200	0.3	0.7
2007-08	800	2,300	2.9	800	0.3	1.0
2008-09	600	1,100	1.8	900	0.8	1.5
2009-10	200	4,200	21.0	800	0.2	4.0
2010-11	600	8,900	14.8	1,900	0.2	3.2
2011-12	30	30	1.0	500	16.7	16.7
2012-13	800	2,700	3.4	1,200	0.4	1.5
2013-14	327	1,233	3.8	1,663	1.3	5.1
2014-15	747	1,837	2.5	3,246	1.8	4.3
2015-16	182	537	3.0	300	0.6	1.6
2016-17	91	108	1.2	108	1.0	1.2

Specie omitted from sample during 68-69, 70-71

* Average of season years depicted

ALABAMA HUNTING SURVEY ESTIMATES - FERAL HOGS

Year	Hunters	Man-Days	Average Man-Days	Harvest	Harvest Per Man-Day	Harvest Per Hunter
1995-96	13,500	94,400	7.0	12,500	0.1	0.9
1996-97	12,700	70,800	5.6	16,000	0.2	1.3
1997-98	13,800	88,500	6.4	28,000	0.3	2.0
1998-99	16,000	109,100	6.8	28,100	0.3	1.8
1999-00	15,500	89,600	5.8	31,500	0.4	2.0
2000-01	16,600	120,100	7.2	26,600	0.2	1.6
2001-02	14,900	72,400	4.9	18,500	0.3	1.2
2002-03	15,400	120,500	7.8	40,700	0.3	2.6
2003-04	20,800	251,400	12.1	39,700	0.2	1.9
2004-05	18,400	241,000	13.1	47,100	0.2	2.6
2005-06	18,500	164,900	8.9	43,900	0.3	2.4
2006-07	23,100	230,100	10.0	58,300	0.3	2.5
2007-08	21,200	215,600	10.2	57,700	0.3	2.7
2008-09	27,400	274,700	10.0	73,100	0.3	2.7
2009-10	26,200	310,500	11.9	89,400	0.3	3.4
2010-11	25,000	303,600	12.1	98,800	0.3	4.0
2011-12	23,600	206,800	8.8	81,500	0.4	3.5
2012-13	31,800	320,100	10.1	151,500	0.5	4.8
2013-14	30,033	362,328	12.1	122,699	0.3	4.1
2014-15	32,196	315,597	9.8	109,794	0.3	3.4
2015-16	36,913	431,366	11.7	208,200	0.5	5.6
2016-17	23,962	180,434	7.5	132,704	0.7	5.5