

*Resident Hunter Effort & Game Harvest Estimates
for the 2010-2011 Mississippi Hunting Season*

Prepared for the

**DIVISION OF WILDLIFE
MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES & PARKS
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INTRODUCTION

The primary purpose of the Mississippi resident hunter survey is to establish annual statewide and district estimates of hunter effort and harvest for each game species. These estimates provide trend data which allows Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP) Wildlife Division staff to monitor changes in harvest and effort through time. The secondary purpose is to measure resident hunters' participation patterns, attitudes towards hunting and wildlife, and opinions towards agency programs and wildlife management tools. When interpreting this data, it is important to consider current wildlife management programs, habitat changes and availability, land use practices, species abundance, and the social and economic climate of the state.

Since 1974, a self-administered mail survey has been used to obtain total harvest, average daily kill, average seasonal harvest, and total man-days hunted for each game species, among other trends. The estimates obtained for each of these categories are precise because of the large sample size used, however, because mail surveys contain sampling, response, and nonresponse biases the accuracy of the estimates are always of concern to researchers (Filion 1980). Nevertheless, similar methodologies used to conduct the mail survey over time help to hold constant these biases and the estimates derived from the survey should provide adequate estimates for monitoring trends in hunter harvest and effort.

The primary objective of the mail survey for the 2010-11 hunting season was to obtain a reliable set of statewide effort and harvest estimates for each game species in Mississippi. The secondary objective was to provide district estimates. The third objective was to collect demographic information on those who hunted during the 2010-11 season. No effort was made to interpret the data presented here. The purpose of this publication is to compile existing information for future reference and to help guide future management decisions.

METHODS

The sampling frame for the survey consisted of resident holders of a Type 100 – Sportsman, Type 101 – All Game Hunting and Fishing, or Type 103 – Small Game Hunting and Fishing licenses purchased during the 2010-2011 license year. A random sample of 3,000 license holders was selected to participate in this study from the 165,500 licenses processed from July 1, 2009 – June 30, 2010.

The survey process followed the Total Design Method (TDM) prescribed by Dillman (1978). This methodology pays particular attention to detail, persistence, and takes a personal approach to obtaining a response. This is accomplished, in part, by using personalized letters and envelopes processed with laser printers to simulate a first class mailing to differentiate it from “junk mail”. The TDM uses a series of four mail-outs to help increase response rate: 1) An introductory letter, questionnaire (APPENDIX A), and postage-paid business reply envelope (i.e., a complete packet) were sent; 2) Ten days after the second mailing a post card was sent to all hunters in the survey. The purpose of the post card was to remind hunters about the survey and to thank those whom had already returned a completed questionnaire. A phone number was provided on the post card in case the recipient had not received or misplaced their questionnaire, so they could request another be sent; 3) Twenty-one days after the postcard mailing, a second complete packet was sent to all hunters who had not yet responded, and 4) Twenty-eight days after the second complete packet was sent, a third complete mailing was sent to all hunters who had not yet responded. Actual correspondence can be found in APPENDIX B. All surveys were numbered using a bar coding system printed on clear adhesive labels. When surveys were returned to Mississippi State University, the bar codes were scanned into a computer file and assigned with a “returned” status; this prevented respondents from receiving another mailing.

Procedures for editing and data entry of returned questionnaires were similar to Steffen (1981). Data entry involved entering data from the surveys into the computer using a Microsoft Access data entry screen that had been previously developed. First, non-numeric responses in the

survey were numerically coded for preparation for data entry. After all responses were converted into a numeric framework, responses from the surveys were data entered. The responses to the last question of the survey, which was open-ended, were typed into an MS Access file so comments could be queried by agency staff.

Effort and harvest estimates and their standard errors for each species were calculated for total kill, average seasonal kill per hunter, proportion of licensed hunters, total licensed hunters, proportion of hunters who were successful, total man-days spent hunting, average days afield per hunter, and the average daily kill per hunter. These estimates were calculated both on a statewide and district basis. Calculations were based on statistical programs originally developed by Steffen (1981) for mainframe computing, modified as necessary for desktop computing using SAS software.

RESULTS

A total of 3,000 questionnaires were mailed to resident hunters. There were a total of 1,222 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2010-11 season (n=1,130), and those who indicated they “DID NOT HUNT” on their returned survey (n=92). Thus, since harvest estimates are extrapolated to all hunter license holders, those who indicated they did not hunt were included in the database as hunting zero days and harvesting zero animals for each species. Questionnaires were checked for the completeness of responses where it was found that 61 individuals indicated their refusal to participate. When non-deliverable surveys (n=163) were excluded from consideration, an effective response rate of 43.2% was obtained.

Statewide expansions were calculated based on the 166,335 total hunting licenses sold and accounted for by June 30, 2010. There were 162,919 individuals licensed to hunt small game (Type 100, 101, & 103) and 161,966 (Types 100 & 101) of these license holders also were eligible to pursue big game (deer and turkey) during the 2010-2011 hunting season.

The expanded statewide summaries of the total harvest, average daily kill, average seasonal harvest, percent of successful hunters, total man-days, average days hunted in the season, total number of hunters, and percent of total licensees that hunted are provided in Table 1 for all game species included in the survey. Table 2 provides the expanded statewide estimates of total harvest and the variability of these (standard error and 95 percent confidence limits) for all game species surveyed.

Tables 3-8 summarize small game hunting on a statewide and district basis. Waterfowl hunting is summarized in Tables 9-13. Tables 14-17 summarize fox (red and gray), bobcat, and coyote hunting. Statewide and district summaries of deer (buck and doe data from archery, primitive weapon, and gun seasons) and turkey hunting (spring and fall) are provided in Tables 18-26. Table 27 summarizes district and statewide estimates for feral hog. Tables 28-36 summarize hunter responses to demographic questions contained in the questionnaire.

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TABLE 1. EXPANDED STATEWIDE COVERAGE OF THE 2010-11 MISSISSIPPI RESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 166,335 SMALL GAME LICENSE HOLDERS AND 162,919 BIG GAME LICENSE HOLDERS.

SPECIES	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENCES (A)
DOVE	1,160,633	7.83	21.59	93.1	144,639	2.76	53,750	32.3
QUAIL	48,938	3.10	19.78	83.3	15,684	6.71	2,474	1.5
WOODCOCK	2,612	0.32	2.71	85.7	6,879	8.33	962	0.6
RABBIT	214,448	1.06	6.90	86.3	183,137	6.41	31,068	18.7
SQUIRREL	642,933	2.36	13.36	90.6	259,432	5.74	48,113	28.9
RACCOON	67,496	0.62	5.80	94.3	89,628	9.31	9,623	5.8
TOTAL DUCK	436,870	2.40	23.96	92.1	156,712	10.00	15,671	9.4
MALLARD	177,607	1.02	10.21	71.1				
WOOD DUCK	129,631	0.67	6.73	76.3				
OTHER DUCKS	129,631	0.70	7.03	61.4				
GEESE	15,259	0.59	3.95	81.8	20,345	6.73	3,024	1.8
RED FOX	1,512	0.13	1.00	72.7	9,631	7.00	1,512	0.9
GRAY FOX	1,237	0.06	0.90	70.0	8,958	9.29	1,375	0.8
BOBCAT	8,523	0.24	1.51	87.8	22,751	5.47	5,636	3.4
COYOTE	24,332	0.30	1.99	88.8	44,403	5.34	12,235	7.4
TOTAL DEER	287,673	0.09	2.30	77.2	2,669,289	22.80	125,028	76.7
BUCK	128,584	0.04	1.03	59.7				
DOE	159,089	0.05	1.27	57.9				
ARCHERY DEER	39,943	0.07	1.00	53.2	441,481	12.33	40,080	24.6
BUCK	11,627	0.02	0.29	23.9				
DOE	28,316	0.05	0.71	43.3				
PRIMITIVE DEER	63,471	0.10	1.00	61.4	485,971	8.63	63,471	39.0
BUCK	22,023	0.03	0.35	30.6				
DOE	41,448	0.07	0.65	45.3				
GUN DEER	184,259	0.09	1.59	73.3	2,160,626	18.63	115,999	71.2
BUCK	94,933	0.04	0.82	56.1				
DOE	89,325	0.04	0.77	45.8				
TOTAL TURKEY	21,887	0.08	0.77	45.4	228,365	8.82	28,316	17.4
SPRING 2011	21,340	0.08	0.78	46.5	224,135	8.95	27,358	16.8
FALL 2010	547	0.10	0.44	33.3	3,970	3.63	1,231	0.8
HOG	64,197	0.38	4.58	75.5	111,542	9.73	14,022	8.4

(A) DEER AND TURKEY PERCENTAGES BASED ON BIG GAME LICENSE HOLDERS; ALL OTHERS BASED ON SMALL GAME LICENSE HOLDERS.

TABLE 2. EXPANDED STATEWIDE ESTIMATES OF TOTAL HARVEST (AND VARIABILITY OF THE ESTIMATES) FOR RESIDENTS FOR ALL GAME SPECIES IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	1,160,633	91,881	7.9	976,871	1,344,396
QUAIL	48,938	33,854	69.2	0	116,646
WOODCOCK	2,612	1,189	45.5	235	4,989
RABBIT	214,448	22,832	10.6	168,785	260,112
SQUIRREL	642,933	51,939	8.1	539,054	746,812
RACCOON	67,496	13,078	19.4	41,340	93,653
TOTAL DUCKS	436,870	55,236	12.6	326,398	547,342
MALLARD	177,607	27,918	15.7	121,772	233,443
WOOD DUCK	129,631	19,247	14.8	91,136	168,126
OTHER DUCKS	129,631	19,497	15.0	90,637	168,626
GEESE	15,259	4,758	31.2	5,744	24,774
RED FOX	1,512	598	39.5	316	2,708
GRAY FOX	1,237	531	43.0	174	2,300
BOBCAT	8,523	1,711	20.1	5,101	11,945
COYOTE	24,332	3,626	14.9	17,080	31,583
TOTAL DEER	287,673	10,013	3.5	267,647	307,699
BUCK	128,584	4,934	3.8	118,716	138,453
DOE	159,089	6,714	4.2	145,660	172,518
ARCHERY DEER	39,943	3,570	8.9	32,804	47,083
BUCK	11,627	1,467	12.6	8,693	14,562
DOE	28,316	2,720	9.6	22,876	33,756
PRIMITIVE DEER	63,471	3,974	6.3	55,524	71,419
BUCK	22,023	1,852	8.4	18,319	25,728
DOE	41,448	3,010	7.3	35,427	47,469
GUN DEER	184,259	6,977	3.8	170,304	198,213
BUCK	94,933	3,946	4.2	87,041	102,826
DOE	89,325	4,512	5.1	80,301	98,349
TOTAL TURKEY	21,887	2,427	11.1	17,033	26,741
SPRING 2011	21,340	2,361	11.1	16,618	26,061
FALL 2010	547	335	61.2	0	1,217
HOG	64,197	17,699	27.6	28,799	99,595

(A) %=100(SE/TOTAL HARVEST)

TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	171,823	7.38	17.84	92.4	23,429	2.42	9,634	21.1
	(SE)	26,387.78	0.44	1.94	3.00	3,237.57	0.21	1,052.41	2.11
2	ESTIMATE	136,702	6.69	21.98	96.1	20,485	3.34	6,219	13.6
	(SE)	26,701.23	0.99	3.08	2.75	4,445.52	0.56	854.75	1.77
3	ESTIMATE	202,187	9.05	25.91	95.3	22,325	2.89	7,805	17.1
	(SE)	41,072.94	0.66	4.24	2.66	3,971.70	0.37	952.76	1.95
4	ESTIMATE	237,064	7.62	21.58	91.1	30,421	2.85	10,975	24.0
	(SE)	49,005.46	1.23	3.91	3.02	4,878.67	0.35	1,118.48	2.21
5	ESTIMATE	100,484	10.43	20.60	95.0	9,691	1.98	4,878	10.7
	(SE)	30,552.94	2.35	5.44	3.49	2,297.02	0.36	760.14	1.60
6	ESTIMATE	154,872	8.06	24.90	98.0	18,032	3.06	6,219	13.6
	(SE)	28,966.05	0.70	3.19	1.96	3,407.45	0.39	854.75	1.77
STATEWIDE	ESTIMATE	1,160,633	7.83	21.59	93.1	144,639	2.76	53,750	32.3
	(SE)	91,881.37	0.43	1.46	1.28	10,038.57	0.15	2,237.25	1.35
	N	1,210	377	391	391	1,196	377	1,210	1,210

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE)	966 703.61	0.45 0.83	2.67 1.45	66.7 33.33	1,329 1,213.89	5.50 4.50	362 208.92	17.6 9.53
	N	1,378	2	3	3	1,377	2	17	17
2	ESTIMATE (SE)	3,259 1,978.52	3.00 0.84	9.00 2.08	100.0 0.00	1,087 714.29	3.00 1.15	362 208.92	17.6 9.53
	N	1,378	3	3	3	1,377	3	17	17
3	ESTIMATE (SE)	1,328 942.42	2.75 2.07	3.67 1.86	66.7 0.33	483 295.71	1.33 0.33	362 208.92	17.6 9.53
	N	1,378	3	3	3	1,377	3	17	17
4	ESTIMATE (SE)	30,780 29,366.63	5.54 0.28	127.50 115.50	100.0 0.0	5,557 5,437.04	23.00 22.00	241 170.64	11.8 8.06
	N	1,378	2	2	2	1,377	2	17	17
5	ESTIMATE (SE)	3,742 3,623.15	0.86 0.23	15.50 14.50	100.0 0.0	4,349 3,695.11	18.00 12.00	241 170.64	11.8 8.06
	N	1,378	2	2	2	1,377	2	17	17
6	ESTIMATE (SE)	1,690 1,458.33	2.33 2.33	3.50 2.84	75.0 25.0	725 418.14	1.50 0.50	483 241.15	23.5 10.61
	N	1,378	4	4	4	1,377	4	17	17
STATEWIDE	ESTIMATE (SE)	48,938 33,854.12	3.10 1.16	19.78 13.24	83.3 9.04	15,684 7,674.76	6.71 2.94	2,474 579.11	1.5 0.35
	N	1,210	17	18	18	1,209	17	1,210	1,210

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	362	0.0	3.00	100.0	0	0.0	121	16.7
	(SE)	362.12	0.0	0.0	0.0	0.0	0.0	120.71	16.7
2	N	1,378	0	1	1	1,377	0	6	6
	ESTIMATE	241	2.00	2.00	100.0	121	1.00	121	16.7
3	(SE)	241.42	0.0	0.0	0.0	120.80	0	120.71	16.7
	N	1,378	1	1	1	1,377	1	6	6
4	ESTIMATE	0	0.0	0.0	0.0	242	2.00	121	16.7
	(SE)	0.0	0.0	0.0	0.0	241.59	0.0	120.71	16.7
5	N	1,378	1	1	1	1,377	1	6	6
	ESTIMATE	483	0.16	4.00	100.0	3,020	25.00	121	16.7
6	(SE)	482.83	0	0	0.0	3,019.88	0	120.71	16.7
	N	1,378	1	1	1	1,377	1	6	6
STATEWIDE	ESTIMATE	483	0.27	2.00	100.0	1,812	7.50	241	33.3
	(SE)	381.63	0.10	1.00	0.0	1,695.35	6.50	170.64	21.1
STATEWIDE	N	1,378	2	2	2	1,377	2	6	6
	ESTIMATE	0.0	0.0	0.0	0.0	0	0.0	0	0.0
STATEWIDE	(SE)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	N	1,378	0	0	0	1,377	0	6	6
STATEWIDE	ESTIMATE	2,612	0.32	2.71	85.7	6,879	8.33	962	0.6
	(SE)	1,188.62	0.13	0.75	14.29	4,068.89	3.91	362.80	0.2
STATEWIDE	N	1,210	6	7	7	1,209	6	1,210	1,210

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE)	29,267 7,728.67	0.92 0.20	7.74 1.54	83.9 6.72	27,290 9,550.14	8.50 2.52	3,780 671.46	14.7 2.44
	N	1,364	26	31	31	1,347	26	211	211
2	ESTIMATE (SE)	26,584 8,155.33	1.33 0.31	8.38 2.03	88.5 6.39	19,140 5,062.02	6.46 1.12	3,171 616.08	12.3 2.27
	N	1,364	24	26	26	1,347	24	211	211
3	ESTIMATE (SE)	18,780 6,762.11	1.72 0.61	8.11 2.32	84.2 8.60	10,990 4,227.44	4.94 1.55	2,317 528.03	9.0 1.98
	N	1,364	18	19	19	1,347	18	211	211
4	ESTIMATE (SE)	47,803 9,064.65	1.01 0.16	5.85 0.87	88.1 3.99	45,319 9,284.60	5.83 0.96	8,170 973.71	31.8 3.21
	N	1,364	63	67	67	1,347	63	211	211
5	ESTIMATE (SE)	15,365 4,382.12	0.73 0.23	4.67 1.01	92.6 5.14	20,499 8,671.47	6.64 2.53	3,293 627.58	12.8 2.31
	N	1,364	25	27	27	1,347	25	211	211
6	ESTIMATE (SE)	25,609 5,798.97	0.89 0.10	5.12 0.86	82.9 5.95	27,290 6,415.00	5.82 1.01	5,000 769.30	19.4 2.73
	N	1,364	38	41	41	1,347	38	211	211
	ESTIMATE	214,448	1.06	6.90	86.3	183,137	6.41	31,068	18.7
	(SE)	22,831.75	0.11	0.61	2.29	20,985.45	0.61	1,864.39	1.12
STATEWIDE	N	1,210	204	226	226	1,188	204	1,210	1,210

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	99,899	1.51	12.78	89.1	61,412	8.52	7,816	19.2
	(SE)	22,187.55	0.16	2.39	3.93	15,081.04	1.80	954.12	2.16
2	ESTIMATE	74,497	2.38	11.30	87.0	31,328	4.75	6,595	16.2
	(SE)	13,623.40	0.27	1.43	4.61	5,481.19	0.54	879.79	2.02
3	ESTIMATE	63,872	3.51	15.38	91.2	18,399	4.48	4,152	10.2
	(SE)	19,942.68	0.47	4.09	4.94	5,284.50	1.05	703.42	1.66
4	ESTIMATE	153,878	2.44	15.56	92.6	59,423	6.55	9,892	24.3
	(SE)	34,555.95	0.22	3.08	2.93	14,076.20	1.37	1,066.34	2.36
5	ESTIMATE	65,704	2.54	13.79	92.3	24,615	5.50	4,763	11.7
	(SE)	15,746.00	0.43	2.52	4.32	6,148.97	1.05	751.95	1.77
6	ESTIMATE	103,929	2.81	13.95	91.8	35,554	5.11	7,450	18.3
	(SE)	19,366.72	0.39	1.94	3.54	7,324.60	0.82	932.57	2.12
STATEWIDE	ESTIMATE	642,933	2.36	13.36	90.6	259,432	5.74	48,113	28.9
	(SE)	51,939.41	0.14	0.90	1.56	23,317.09	0.44	2,169.04	1.30
		N	321	350	350	1,181	321	1,210	1,210

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	3,018	0.36	2.13	100.0	5,673	5.88	966	11.6
	(SE)	1,222.79	0.12	0.23	0.0	2,736.02	2.07	340.54	3.88
2	ESTIMATE	1,378	8	8	8	1,378	8	69	69
	(SE)	9,174	0.96	3.25	100.0	3,259	3.38	966	11.6
3	ESTIMATE	6,175.83	0.21	0.80	0.0	1,613.15	1.25	340.54	3.88
	(SE)	1,378	8	8	8	1,378	8	69	69
4	ESTIMATE	6,518	1.13	7.71	85.7	5,794	6.86	845	10.1
	(SE)	3,912.58	0.36	3.89	14.29	3,065.11	2.75	318.67	3.66
5	ESTIMATE	1,378	7	7	7	1,378	7	69	69
	(SE)	23,659	0.43	8.90	90.0	50,094	20.75	2,414	29.0
6	ESTIMATE	7,430.01	0.09	2.35	6.88	18,720.75	6.40	536.08	5.50
	(SE)	1,378	20	20	20	1,378	20	69	69
STATEWIDE	ESTIMATE	6,639	1.41	4.23	100.0	4,708	3.00	1,569	18.8
	(SE)	3,232.90	0.55	1.77	0.0	1,707.24	0.73	433.32	4.74
STATEWIDE	ESTIMATE	10,381	13	13	13	1,378	13	69	69
	(SE)	3,998.74	0.17	1.92	7.69	4,440.71	2.06	433.32	4.74
STATEWIDE	ESTIMATE	1,378	13	13	13	1,378	13	69	69
	(SE)	67,496	0.62	5.80	94.3	89,628	9.31	9,623	5.8
STATEWIDE	ESTIMATE	13,078.33	0.10	0.93	2.79	22,121.53	2.04	1,116.83	0.67
	(SE)	1,210	70	70	70	1,210	70	1,210	1,210

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCKS HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE)	31,067 11,571.77	1.87 0.44	19.17 5.78	100.0 0.0	14,869 5,204.08	10.25 2.14	1,451 417.07	10.8 2.96
	N	1,376	12	12	12	1,376	12	111	111
2	ESTIMATE (SE)	134,301 32,459.81	3.12 0.24	36.31 6.30	93.1 4.79	40,738 9,942.86	11.62 1.90	3,506 644.31	26.1 4.19
	N	1,376	29	29	29	1,376	29	111	111
3	ESTIMATE (SE)	80,145 17,640.23	2.28 0.26	18.09 2.82	97.1 2.94	32,638 7,508.21	7.94 1.25	4,110 696.35	30.6 4.40
	N	1,376	34	34	34	1,376	34	111	111
4	ESTIMATE (SE)	41,342 18,401.17	2.33 0.47	24.43 9.04	85.7 9.71	17,770 6,236.00	10.50 2.49	1,692 450.16	12.6 3.17
	N	1,376	14	14	14	1,376	14	111	111
5	ESTIMATE (SE)	35,540 13,589.73	2.11 0.36	17.13 5.69	87.5 8.54	15,715 5,498.81	8.13 2.07	1,934 480.89	14.4 3.35
	N	1,376	16	16	16	1,376	16	111	111
6	ESTIMATE (SE)	12,088 7,779.59	1.38 0.53	13.33 9.45	66.7 21.08	7,011 4,392.75	9.67 5.04	725 295.56	5.4 2.16
	N	1,376	6	6	6	1,376	6	111	111
STATEWIDE	ESTIMATE (SE)	436,870 55,236.16	2.40 0.15	23.96 2.50	92.1 2.54	156,712 19,279.81	10.00 0.85	15,671 1,397.47	9.4 0.84
	N	1,210	114	114	114	1,210	114	1,210	1,210

TABLE 10. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF MALLARD HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

MALLARDS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	9,066	0.54	5.50	91.7
	(SE)	2,914.60	0.12	1.17	8.33
2	N	1,376	12	12	12
	ESTIMATE	75,310	1.77	20.62	89.7
3	(SE)	19,980.75	0.18	4.27	5.76
	N	1,376	29	29	29
4	ESTIMATE	35,056	0.99	7.88	76.5
	(SE)	10,524.73	0.25	2.17	7.38
5	N	1,376	34	34	34
	ESTIMATE	10,759	0.61	6.36	50.0
6	(SE)	5,442.04	0.18	2.84	13.87
	N	1,376	14	14	14
STATEWIDE	ESTIMATE	11,484	0.72	5.81	56.3
	(SE)	5,403.20	0.22	2.47	12.81
STATEWIDE	N	1,376	16	16	16
	ESTIMATE	0	0.0	0.0	0.0
STATEWIDE	(SE)	0.0	0.0	0.0	0.0
	N	1,376	6	6	6
STATEWIDE	ESTIMATE	177,607	1.02	10.21	71.1
	(SE)	27,917.82	0.12	1.49	4.27
STATEWIDE	N	1,210	114	114	114

TABLE 11. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOOD DUCK HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

WOOD DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	12,451	0.75	7.67	83.3
	(SE)	5,115.21	0.25	2.78	11.24
2	N	1,376	12	12	12
	ESTIMATE	18,737	0.46	5.34	75.9
3	(SE)	4,760.19	0.08	0.95	8.09
	N	1,376	29	29	29
4	ESTIMATE	19,220	0.52	4.12	70.6
	(SE)	4,975.12	0.09	0.83	7.93
5	N	1,376	34	34	34
	ESTIMATE	16,682	0.94	9.86	78.6
6	(SE)	7,156.34	0.19	3.44	11.38
	N	1,376	14	14	14
STATEWIDE	ESTIMATE	129,631	0.67	6.73	76.3
	(SE)	19,247.48	0.07	0.87	4.00
	N	1,210	114	114	114

TABLE 12. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF OTHER DUCK HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

<u>OTHER DUCKS</u>					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	9,550	0.59	6.00	83.3
	(SE)	4,544.77	0.20	2.69	11.24
2	N	1,376	12	12	12
	ESTIMATE	40,254	0.89	10.34	65.5
3	(SE)	10,634.98	0.14	2.16	8.98
	N	1,376	29	29	29
4	ESTIMATE	25,869	0.77	6.09	76.5
	(SE)	6,613.19	0.14	1.24	7.38
5	N	1,376	34	34	34
	ESTIMATE	13,902	0.78	8.21	50.0
6	(SE)	7,408.58	0.27	3.94	13.87
	N	1,376	14	14	14
STATEWIDE	ESTIMATE	129,631	0.70	7.03	61.4
	(SE)	19,497.40	0.08	0.97	4.58
	N	1,210	114	114	114

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
	ESTIMATE	965	0.15	1.50	75.0	4,704	9.75	482	18.2
1	(SE)	511.27	0.14	0.65	25.00	3,268.85	5.44	240.98	8.42
	N	1,379	4	4	4	1,379	4	22	22
2	ESTIMATE	4,704	1.15	6.50	100.0	4,101	5.67	724	27.3
	(SE)	2,570.72	0.29	2.59	0.0	2,470.40	2.75	294.92	9.72
	N	1,379	6	6	6	1,379	6	22	22
3	ESTIMATE	3,739	1.29	5.17	83.3	2,895	4.00	724	27.3
	(SE)	2,537.68	0.96	3.07	16.67	1,465.87	1.32	294.92	9.72
	N	1,379	6	6	6	1,379	6	22	22
4	ESTIMATE	724	0.13	1.50	50.0	5,790	12.00	482	18.2
	(SE)	539.27	0.10	0.96	28.87	3,869.39	6.15	240.98	8.42
	N	1,379	4	4	4	1,379	4	22	22
5	ESTIMATE	603	1.67	2.50	100.0	362	1.50	241	9.1
	(SE)	497.24	0.44	1.50	0.0	269.64	0.50	170.52	6.27
	N	1,379	2	2	2	1,379	2	22	22
6	ESTIMATE	0	0	0	0	0	0	0	0
	(SE)	0.0	0	0	0	0.0	0	0	0
	N	1,379	0	0	0	1,379	0	22	22
	ESTIMATE	15,259	0.59	3.95	81.8	20,345	6.73	3,024	1.8
	(SE)	4,757.64	0.22	1.14	8.42	6,623.88	1.70	639.15	0.38
STATEWIDE	N	1,210	22	22	22	1,210	22	1,210	1,210

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	482	1.00	2.00	100.0	483	2.00	241	18.2
	(SE)	381.35	-	1.00	-	381.63	1.00	170.52	12.20
	N	1,379	2	2	2	1,378	2	11	11
2	ESTIMATE	362	0.33	0.75	75.0	1,086	2.25	482	36.4
	(SE)	208.77	0.18	0.25	25.00	626.76	0.75	240.98	15.21
	N	1,379	4	4	4	1,378	4	11	11
3	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.0	-	-	-	0.0	-	0.0	0.0
	N	1,379	-	-	-	1,378	-	11	11
4	ESTIMATE	362	0.05	1.00	66.7	2,535	10.50	362	27.3
	(SE)	269.64	0.09	0.58	33.33	2,417.08	9.50	208.77	14.08
	N	1,379	2	3	3	1,378	2	11	11
5	ESTIMATE	0	-	-	-	4,225	35.00	121	9.1
	(SE)	0	-	-	-	4,224.76	-	120.62	9.09
	N	1,379	1	1	1	1,378	1	11	11
6	ESTIMATE	121	1.00	1.00	100.0	121	1.00	121	9.1
	(SE)	120.62	-	-	-	120.71	-	120.62	9.09
	N	1,379	1	1	1	1,378	1	11	11
STATEWIDE	ESTIMATE	1,512	0.13	1.00	72.7	9,631	7.00	1,512	0.9
	(SE)	597.87	0.09	0.27	14.08	5,607.69	3.61	454.04	0.27
	N	1,210	10	11	11	1,209	10	1,210	1,210

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	241	1.00	1.00	100.0	121	1.00	241	22.2
	(SE)	170.64	-	-	-	120.88	-	170.64	14.70
2	ESTIMATE	483	0.14	1.33	66.7	846	3.50	362	33.3
	(SE)	381.63	0.12	0.88	33.33	604.20	0.50	208.92	16.67
3	ESTIMATE	121	1.00	1.00	100.0	121	1.00	121	11.1
	(SE)	120.71	-	-	-	120.88	-	120.71	11.11
4	ESTIMATE	0	-	-	-	2,418	20.00	121	11.1
	(SE)	0.0	-	-	-	2,417.66	-	120.71	11.11
5	ESTIMATE	121	0.03	0.50	50.0	4,352	18.00	241	22.2
	(SE)	120.71	0.05	0.50	50.00	4,232.54	17.00	170.64	14.70
6	ESTIMATE	0	-	-	-	-	-	-	-
	(SE)	0.0	-	-	-	-	-	-	-
STATEWIDE	ESTIMATE	1,237	0.06	0.90	70.0	8,958	9.29	1,375	0.8
	(SE)	531.44	0.05	0.28	15.28	5,599.28	5.00	433.09	0.26
	N	1,210	7	10	10	1,207	7	1,210	1,210

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	485	1.00	1.33	100.0	487	1.33	364	8.8
	(SE)	296.78	0.0	0.33	0.0	298.31	0.33	209.83	4.94
	N	1,372	3	3	3	1,365	3	34	34
2	ESTIMATE	1,212	0.33	1.67	66.7	1,828	3.00	727	17.6
	(SE)	726.94	0.17	0.80	21.08	902.69	0.71	296.42	6.64
	N	1,372	5	6	6	1,365	5	34	34
3	ESTIMATE	849	0.39	1.17	83.3	2,193	3.00	727	17.6
	(SE)	436.68	0.13	0.40	16.67	1,501.73	1.81	296.42	6.64
	N	1,372	6	6	6	1,365	6	34	34
4	ESTIMATE	3,152	0.35	1.86	92.9	5,240	4.30	1,697	41.2
	(SE)	1,067.72	0.19	0.40	7.14	2,794.84	1.95	451.47	8.57
	N	1,372	10	14	14	1,365	10	34	34
5	ESTIMATE	242	0.03	0.67	66.7	4,387	18.00	364	8.8
	(SE)	171.39	0.05	0.33	33.33	4,266.65	17.00	209.83	4.94
	N	1,372	2	3	3	1,365	2	34	34
6	ESTIMATE	242	1.00	1.00	100.0	122	1.00	242	5.9
	(SE)	171.39	0.0	0.0	0.0	121.86	0.0	171.39	4.10
	N	1,372	1	2	2	1,365	1	34	34
STATEWIDE	ESTIMATE	8,523	0.24	1.51	87.8	22,751	5.47	5,636	3.4
	(SE)	1,711.18	0.08	0.20	5.17	8,305.81	1.76	865.53	0.52
	N	1,210	30	41	41	1,199	30	1,210	1,210

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	1,585	0.14	1.30	90.0	9,501	9.63	1,219	13.5
	(SE)	583.47	0.06	0.26	10.00	5,389.95	4.57	384.35	4.00
2	ESTIMATE	1,364	8	10	10	1,348	8	74	74
	(SE)	2,195	0.63	1.80	80.0	2,961	3.00	1,219	13.5
3	ESTIMATE	877.68	0.19	0.47	13.33	1,168.27	0.57	384.35	4.00
	(SE)	1,364	8	10	10	1,348	8	74	74
4	ESTIMATE	2,195	0.43	1.80	90.0	4,936	4.44	1,219	13.5
	(SE)	807.01	0.11	0.36	10.00	1,962.70	1.03	384.35	4.00
5	ESTIMATE	1,364	9	10	10	1,348	9	74	74
	(SE)	5,975	0.47	2.33	100.0	9,131	4.11	2,561	28.4
6	ESTIMATE	1,687.01	0.12	0.43	0.0	3,293.64	1.16	554.71	5.28
	(SE)	1,364	18	21	21	1,348	18	74	74
STATEWIDE	ESTIMATE	2,317	0.08	1.90	60.0	7,774	9.00	1,219	13.5
	(SE)	1,426.49	0.08	1.06	16.33	4,995.96	5.06	384.35	4.00
STATEWIDE	ESTIMATE	1,364	7	10	10	1,348	7	74	74
	(SE)	2,317	0.33	1.46	84.6	4,442	4.50	1,585	17.6
STATEWIDE	ESTIMATE	833.97	0.07	0.35	10.42	2,299.55	1.82	437.74	4.45
	(SE)	1,364	8	13	13	1,348	8	74	74
STATEWIDE	ESTIMATE	24,332	0.30	1.99	88.8	44,403	5.34	12,235	7.4
	(SE)	3,625.80	0.06	0.22	3.37	9,848.23	0.98	1,248.77	0.75
STATEWIDE	ESTIMATE	1,210	59	89	89	1,180	59	1,210	1,210
	(SE)								

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	4,904	0.07	0.87	50.0	55,467	10.37	5,639	17.2
	(SE)	1,206.53	0.01	0.17	7.45	10,784.66	1.30	817.22	2.31
2	N	1,329	43	46	46	1,310	43	268	268
	ESTIMATE	7,968	0.10	1.20	55.6	66,536	11.15	6,620	20.1
3	(SE)	1,653.61	0.02	0.19	6.83	12,048.50	1.27	882.67	2.46
	N	1,329	48	54	54	1,310	48	268	268
4	ESTIMATE	3,310	0.06	0.73	35.1	49,373	11.34	4,536	13.8
	(SE)	1,029.33	0.02	0.20	0.08	11,069.76	1.72	735.50	2.11
5	N	1,329	35	37	37	1,310	35	268	268
	ESTIMATE	8,336	0.08	1.13	60.0	97,005	13.68	7,355	22.4
6	(SE)	1,638.53	0.01	0.17	6.38	16,082.33	1.43	928.23	2.55
	N	1,329	57	60	60	1,310	57	268	268
STATEWIDE	ESTIMATE	4,045	0.05	0.83	50.0	68,401	15.28	4,904	14.9
	(SE)	1,084.33	0.01	0.18	8.01	15,242.05	2.33	763.84	2.18
STATEWIDE	N	1,329	36	40	40	1,310	36	268	268
	ESTIMATE	2,452	0.05	0.65	35.5	47,508	12.73	3,800	11.6
STATEWIDE	(SE)	829.02	0.01	0.19	8.74	10,672.45	1.73	674.79	1.96
	N	1,329	30	31	31	1,310	30	268	268
STATEWIDE	ESTIMATE	39,943	0.07	1.00	53.2	441,481	12.33	40,080	24.6
	(SE)	3,569.67	0.01	0.07	2.92	33,859.53	0.65	2,034.04	1.25
STATEWIDE	N	1,191	253	293	293	1,151	253	1,191	1,191

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	1,594	0.02	0.28	23.9	3,310	0.05	0.59	37.0
	(SE)	503.74	0.01	0.08	6.36	904.93	0.01	0.14	7.20
	N	1,329	43	46	46	1,329	43	46	46
2	ESTIMATE	1,961	0.03	0.30	22.2	6,007	0.07	0.91	48.1
	(SE)	622.99	0.01	0.09	5.71	1,327.58	0.01	0.16	6.86
	N	1,329	48	54	54	1,329	48	54	54
3	ESTIMATE	858	0.01	0.19	16.2	2,452	0.05	0.54	32.4
	(SE)	367.15	0.004	0.08	6.14	791.91	0.01	0.15	7.80
	N	1,329	35	37	37	1,329	35	37	37
4	ESTIMATE	2,820	0.03	0.38	30.0	5,516	0.05	0.75	48.3
	(SE)	741.93	0.01	0.09	5.97	1,120.45	0.01	0.12	6.51
	N	1,329	57	60	60	1,329	57	60	60
5	ESTIMATE	1,103	0.01	0.23	20.0	2,942	0.04	0.60	37.5
	(SE)	405.60	0.004	0.08	6.41	897.55	0.01	0.16	7.75
	N	1,329	36	40	40	1,329	36	40	40
6	ESTIMATE	736	0.02	0.19	16.1	1,716	0.03	0.45	32.3
	(SE)	346.27	0.01	0.09	6.72	573.27	0.01	0.13	8.54
	N	1,329	30	31	31	1,329	30	31	31
STATEWIDE	ESTIMATE	11,627	0.02	0.29	23.9	28,316	0.05	0.71	43.3
	(SE)	1,467.12	0.002	0.03	2.50	2,719.90	0.004	0.06	2.90
	N	1,191	253	293	293	1,191	253	293	293

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMITIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	AVERAGE SEASONAL SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL HUNTING DAYS	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	9,100 1,620.71 1,307	0.09 0.01 64	1.00 0.14 73	57.5 5.83 73	77,390 13,219.18 1,261	9.36 1.13 64	9,100 1,035.25 418	17.5 1.86 418
2	ESTIMATE (SE) N	11,219 1,906.72 1,307	0.15 0.02 64	1.20 0.15 75	65.3 5.53 75	64,212 9,840.90 1,261	7.77 0.73 64	9,349 1,048.48 418	17.9 1.88 418
3	ESTIMATE (SE) N	5,983 1,144.50 1,307	0.13 0.02 46	0.94 0.13 51	62.7 6.84 51	42,377 7,796.52 1,261	7.13 0.82 46	6,357 872.98 418	12.2 1.60 418
4	ESTIMATE (SE) N	11,468 1,734.72 1,307	0.10 0.01 82	0.99 0.11 93	62.4 5.05 93	99,870 15,107.91 1,261	9.43 1.02 82	11,593 1,158.98 418	22.2 2.04 418
5	ESTIMATE (SE) N	6,233 1,235.00 1,307	0.09 0.02 61	0.76 0.12 66	51.5 6.20 66	59,302 9,569.64 1,261	7.52 0.77 61	8,227 987.15 418	15.8 1.79 418
6	ESTIMATE (SE) N	6,731 1,233.00 1,307	0.08 0.01 55	0.90 0.12 60	56.7 6.45 60	73,643 12,148.32 1,261	10.36 1.04 55	7,479 943.48 418	14.4 1.72 418
STATEWIDE	ESTIMATE (SE) N	63,471 3,973.89 1,191	0.10 0.01 384	1.00 0.05 464	61.4 2.26 464	485,971 29,468.44 1,111	8.63 0.38 384	63,471 2,303.10 1,191	39.0 1.41 1,191

TABLE 21. EXPANDED STATEWIDE AND DISTRICT OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	2,867	0.03	0.32	27.4	6,233	0.06	0.68	46.6
	(SE)	689.75	0.01	0.07	5.26	1,235.00	0.01	0.11	5.88
2	ESTIMATE	1,307	64	73	73	1,307	64	73	73
	(SE)	3,615	0.04	0.39	34.7	7,604	0.10	0.81	50.7
3	ESTIMATE	751.89	0.01	0.07	5.53	1,444.32	0.02	0.13	5.81
	(SE)	1,307	64	75	75	1,307	64	75	75
4	ESTIMATE	1,994	0.04	0.31	29.4	3,989	0.08	0.63	43.1
	(SE)	526.17	0.01	0.07	6.44	926.61	0.02	0.12	7.00
5	ESTIMATE	1,307	46	51	51	1,307	46	51	51
	(SE)	3,615	0.03	0.31	28.0	7,853	0.07	0.68	50.5
6	ESTIMATE	751.89	0.01	0.06	4.68	1,234.22	0.01	0.08	5.21
	(SE)	1,307	82	93	93	1,307	82	93	93
STATEWIDE	ESTIMATE	2,244	0.03	0.27	24.2	3,989	0.06	0.48	36.4
	(SE)	581.58	0.01	0.06	5.32	856.86	0.01	0.09	5.97
STATEWIDE	ESTIMATE	1,307	61	66	66	1,307	61	66	66
	(SE)	2,992	0.03	0.40	33.3	3,740	0.04	0.50	36.7
STATEWIDE	ESTIMATE	700.53	0.01	0.08	6.14	857.72	0.01	0.10	6.27
	(SE)	1,307	55	60	60	1,307	55	60	60
STATEWIDE	ESTIMATE	22,023	0.03	0.35	30.6	41,448	0.07	0.65	45.3
	(SE)	1,852.48	0.003	0.03	2.14	3,010.42	0.01	0.04	2.31
STATEWIDE	ESTIMATE	1,191	384	464	464	1,191	384	464	464
	(SE)	1,191	384	464	464	1,191	384	464	464

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	24,218	0.08	1.42	72.0	295,793	17.30	17,095	17.5
	(SE)	2,782.34	0.01	0.11	3.92	29,033.46	0.93	1,408.25	1.39
2	ESTIMATE	26,419	0.09	1.49	70.1	283,230	15.96	17,742	18.2
	(SE)	3,057.45	0.01	0.12	3.93	28,199.89	0.93	1,431.48	1.41
3	ESTIMATE	20,073	0.10	1.65	77.7	208,894	17.16	12,174	12.5
	(SE)	2,760.23	0.01	0.16	4.32	24,783.45	1.12	1,208.27	1.21
4	ESTIMATE	42,349	0.10	1.73	74.1	445,761	18.21	24,477	25.1
	(SE)	4,022.56	0.01	0.12	3.20	35,496.58	0.78	1,641.89	1.58
5	ESTIMATE	21,628	0.09	1.49	189	1,258	189	753	753
	(SE)	2,881.99	0.01	0.15	4.29	25,085.44	0.93	1,308.65	1.30
6	ESTIMATE	14,116	0.06	1.22	66.3	225,730	19.58	11,526	11.8
	(SE)	2,127.10	0.01	0.14	5.04	26,350.94	1.11	1,178.22	1.18
STATEWIDE	ESTIMATE	184,259	0.09	1.59	73.3	2,160,626	18.63	115,999	71.2
	(SE)	6,977.39	0.002	0.05	1.52	59,793.29	0.38	2,138.61	1.31
	N	1,191	848	848	848	1,191	848	1,191	1,191

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	12,303	0.04	0.72	50.8	11,915	0.04	0.70	45.5
	(SE)	1,668.36	0.004	0.08	4.37	1,675.62	0.004	0.08	4.35
2	N	1,258	132	132	132	1,258	132	132	132
	ESTIMATE	13,857	0.05	0.78	53.3	12,562	0.04	0.71	45.3
	(SE)	1,718.29	0.004	0.07	4.28	1,783.58	0.01	0.08	4.27
	N	1,258	137	137	137	1,258	137	137	137
3	ESTIMATE	9,065	0.04	0.74	52.1	11,008	0.05	0.90	52.1
	(SE)	1,383.94	0.004	0.09	5.18	1,791.73	0.01	0.12	5.18
	N	1,258	94	94	94	1,258	94	94	94
	ESTIMATE	19,555	0.04	0.80	54.5	22,793	0.05	0.93	52.9
4	(SE)	2,043.88	0.003	0.06	3.63	2,516.82	0.004	0.08	3.64
	N	1,258	189	189	189	1,258	189	189	189
5	ESTIMATE	12,044	0.05	0.83	58.9	9,583	0.04	0.66	40.2
	(SE)	1,608.42	0.004	0.08	4.67	1,647.21	0.01	0.10	4.65
	N	1,258	112	112	112	1,258	112	112	112
	ESTIMATE	9,713	0.04	0.84	57.3	4,403	0.02	0.38	24.7
6	(SE)	1,457.33	0.004	0.09	5.27	1,045.18	0.004	0.08	4.60
	N	1,258	89	89	89	1,258	89	89	89
STATEWIDE	ESTIMATE	94,933	0.04	0.82	56.1	89,325	0.04	0.77	45.8
	(SE)	3,946.40	0.001	0.03	1.71	4,511.82	0.001	0.04	1.71
	N	1,191	848	848	848	1,191	848	848	848

TABLE 24. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE)	1,822 629.55	0.05 0.01	0.54 0.16	35.7 9.22	22,836 6,951.94	7.75 1.80	3,402 636.36	15.0 2.62
	N	1,341	24	28	28	1,327	24	187	187
2	ESTIMATE (SE)	3,888 935.40	0.09 0.02	1.00 0.17	65.6 8.53	41,497 9,926.23	11.27 1.80	3,888 679.26	17.1 2.76
	N	1,341	30	32	32	1,327	30	187	187
3	ESTIMATE (SE)	1,701 685.94	0.10 0.03	0.58 0.21	29.2 9.48	17,434 4,354.10	5.92 0.88	2,916 590.05	12.8 2.45
	N	1,341	24	24	24	1,327	24	187	187
4	ESTIMATE (SE)	5,832 1,241.11	0.08 0.01	1.07 0.17	57.8 7.45	57,212 12,146.24	11.65 1.70	5,467 801.49	24.1 3.13
	N	1,341	40	45	45	1,327	40	187	187
5	ESTIMATE (SE)	3,037 773.77	0.09 0.02	0.69 0.14	50.0 8.45	30,202 6,873.89	7.45 1.13	4,374 719.36	19.3 2.89
	N	1,341	33	36	36	1,327	33	187	187
6	ESTIMATE (SE)	1,215 594.48	0.05 0.02	0.45 0.21	22.7 9.15	26,642 8,365.67	9.86 2.34	2,673 565.36	11.8 2.36
	N	1,341	22	22	22	1,327	22	187	187
STATEWIDE	ESTIMATE (SE)	21,340 2,360.67	0.08 0.01	0.78 0.07	46.5 3.54	224,135 22,509.11	8.95 0.66	27,358 1,765.38	16.8 1.08
	N	1,191	180	200	200	1,171	180	1,191	1,191

TABLE 25. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT (A)	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
2	ESTIMATE	362	0.38	1.00	66.7	965	2.67	362	60.0
	(SE)	269.77	0.10	0.58	33.33	615.02	0.88	208.87	24.50
3	N	1,350	3	3	3	1,350	3	5	5
	ESTIMATE	0	0.0	0.0	0.0	362	3.0	121	20.0
5	(SE)	0.0	0.0	0.0	0.0	362.04	0	120.68	20.00
	N	1,350	1	1	1	1,350	1	5	5
STATEWIDE	ESTIMATE	0	0.0	0.0	0.0	362	3.00	121	20.0
	(SE)	0.0	0.0	0	0.0	362.04	0.0	120.68	20.00
STATEWIDE	N	1,350	1	1	1	1,350	1	5	5
	ESTIMATE	547	0.10	0.44	33.3	3,970	3.63	1,231	0.8
STATEWIDE	(SE)	334.84	0.08	0.24	16.7	1,712.29	0.96	408.99	0.25
	N	1,191	8	9	9	1,190	8	1,191	1,191

(A) FALL TURKEY HUNTING WAS LEGAL IN DISTRICTS 2, 3, AND 5.

(B) CALCULATED AS A PERCENT OF BIG GAME LICENSE HOLDERS ONLY.

TABLE 26. EXPANDED STATEWIDE SUMMARIES OF ALL DEER, BUCK, DOE, AND TURKEY (FALL '10 AND SPRING '11) HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON

SPECIES	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES (A)
DEER	ESTIMATE	287,673	0.09	2.30	77.2	2,669,289	22.80	125,028	76.7
	(SE)	10,013.07	0.003	0.07	1.39	95,508.10	0.68	1,995.26	1.22
BUCK	N	1,191	707	914	914	984	707	1,191	1,191
	ESTIMATE	128,584	0.04	1.03	59.7	2,669,289	22.80	125,028	76.7
DOE	(SE)	4,934.36	0.001	0.04	1.62	95,508.10	0.68	1,995.26	1.22
	N	1,191	707	914	914	984	707	1,191	1,191
TURKEY	ESTIMATE	159,089	0.05	1.27	57.9	2,669,289	22.80	125,028	76.7
	(SE)	6,714.46	0.002	0.05	1.63	95,508.10	0.68	1,995.26	1.22
TURKEY	N	1,191	707	914	914	984	707	1,191	1,191
	ESTIMATE	21,887	0.08	0.77	45.4	228,365	8.82	28,316	17.4
TURKEY	(SE)	2,426.93	0.01	0.07	3.47	22,630.86	0.64	1,789.65	1.10
	N	1,191	186	207	207	1,170	186	1,191	1,191

(A) CALCULATED AS A PERCENT OF BIG GAME LICENSE HOLDERS ONLY.

TABLE 27. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF HOG HUNTING IN MISSISSIPPI DURING THE 2010-11 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	2,432	0.17	1.82	63.6	8,464	6.90	1,337	12.0
	(SE)	1,164.82	0.07	0.71	15.21	3,542.70	2.00	401.79	3.40
	N	1,368	10	11	11	1,356	10	92	92
2	ESTIMATE	3,769	0.34	2.58	58.3	10,795	8.00	1,459	13.0
	(SE)	2,276.54	0.14	1.43	14.87	4,921.15	2.88	419.50	3.53
	N	1,368	11	12	12	1,356	11	92	92
3	ESTIMATE	17,995	1.05	8.71	82.4	6,869	3.73	2,067	18.5
	(SE)	10,826.13	0.38	4.94	9.53	2,365.77	0.89	498.39	4.07
	N	1,368	15	17	17	1,356	15	92	92
4	ESTIMATE	17,023	0.45	7.78	66.7	36,309	18.50	2,189	19.6
	(SE)	10,204.01	0.14	4.41	11.43	14,765.88	6.15	512.64	4.16
	N	1,368	16	18	18	1,356	16	92	92
5	ESTIMATE	3,769	0.17	2.58	83.3	10,549	10.75	1,459	13.0
	(SE)	1,520.66	0.09	0.76	11.24	6,185.11	5.38	419.50	3.53
	N	1,368	8	12	12	1,356	8	92	92
6	ESTIMATE	9,606	0.27	3.59	81.8	25,637	10.45	2,675	23.9
	(SE)	4,139.93	0.09	1.38	8.42	8,015.57	2.36	565.91	4.47
	N	1,368	20	22	22	1,356	20	92	92
STATEWIDE	ESTIMATE	64,197	0.38	4.58	75.5	111,542	9.73	14,022	8.4
	(SE)	17,698.81	0.08	1.19	4.28	21,219.58	1.54	1,329.09	0.80
	N	1,210	82	102	102	1,190	82	1,210	1,210

Summary of Responses to Opinion Questions for 2010-2011

Table 28. Percent of respondents by how they rated hunting compared to their other outdoor recreation activities (such as fishing, camping, golfing, etc.) (Q2).

Response	Frequency	Percent
Most important outdoor activity	598	56.8
Second most important outdoor activity	269	25.6
Third most important outdoor activity	124	11.8
None of the above	61	5.8
TOTAL	1,052	100.00

n missing = 37

Table 29. Percent of respondents by their age category (Q3)

Age Category	Frequency	Percent
18-20	29	2.6
21-25	44	4.0
26-30	77	7.1
31-35	79	7.3
36-40	111	10.2
41-45	137	12.6
46-50	163	15.0
51-55	160	14.7
56-60	136	12.5
61-65	143	13.1
> 65	10	0.9
TOTAL	1,089	100.0

n missing = 0

Mean age of hunter = 46.3

Table 30. Percent of respondents by their gender category (Q4)

Gender Category	Frequency	Percent
MALE	994	91.8
FEMALE	89	8.2
TOTAL	1,083	100.0

n missing = 6

Table 31. Percent of respondents by their approximate annual household income category before taxes (Q5)

Income Category	Frequency	Percent
Under 10,000	43	4.2
10,000-19,000	43	4.2
20,000-29,000	75	7.4
30,000-39,000	93	9.2
40,000-49,000	86	8.5
50,000-59,000	87	8.6
60,000-69,000	94	9.3
70,000-79,000	78	7.7
80,000-89,000	77	7.6
90,000-99,000	70	6.9
100,000 and above	267	26.4
TOTAL	1,013	100.0

n missing = 76

Table 32. Percent of respondents by their highest completed level of education (Q6)

Education Category	Frequency	Percent
Elementary	17	1.6
High School	397	36.5
College	546	50.1
Graduate School	129	11.9
TOTAL	1,089	100.0

n missing = 0

Table 33. Percent of respondents by their race (Q7)

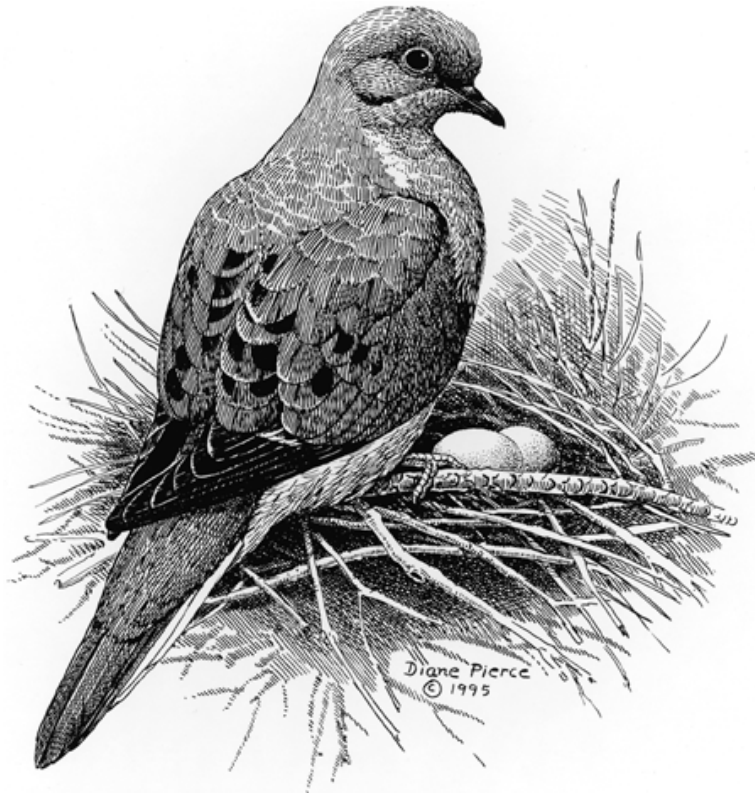
Race Category	Frequency	Percent
WHITE OR ANGLO	1,020	94.0
BLACK OR AFRICAN AMERICAN	57	5.3
LATINO OR HISPANIC	2	0.2
NATIVE AMERICAN OR ALASKAN NATIVE	3	0.3
ASIAN OR PACIFIC ISLANDER	2	0.2
OTHER	1	0.1
TOTAL	1,085	100.0

n missing = 4

Appendix A

Questionnaire: 2010-11 Survey of Mississippi Resident Hunters

*2010-11 Survey
of
Mississippi Hunters*

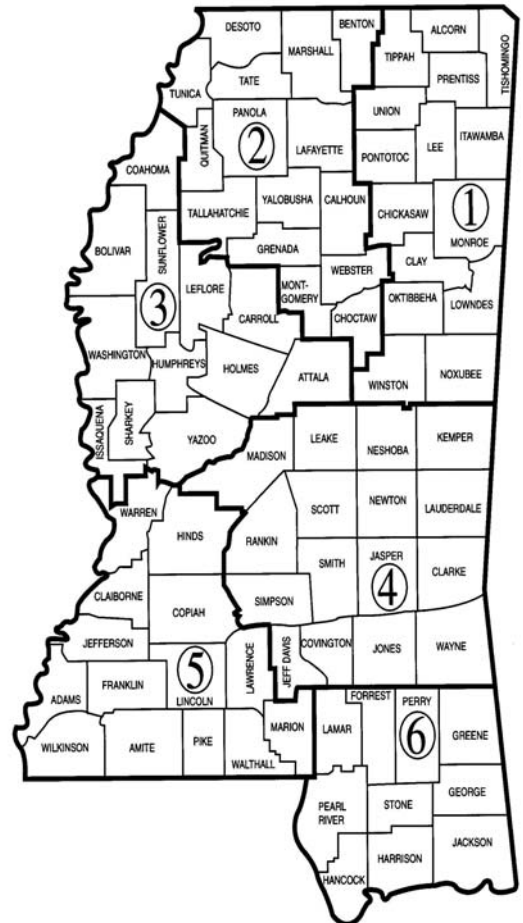


Conducted for the
Mississippi Department of Wildlife, Fisheries & Parks
by the
Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Mississippi State University

1. For the **2010-2011** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, furbearer, or predatory species taken by you in Mississippi.

Species Sought	Total harvested in Mississippi in 2010-11 season	Days hunted species in Mississippi in 2010-11 season	Area Hunted Most
Dove			
Quail			
Woodcock			
Rabbit			
Squirrel			
Raccoon			

DETERMINE AREA (1-6) HUNTED MOST FROM THE MAP BELOW



	Bucks	Does		
Deer (Archery)				
Deer (Primitive Weapon)				
Deer (Gun)				
Turkey (Fall 2010)				
Turkey (Spring 2011)				

	Mallard	Wood	Other		
Ducks					
Geese					
Red fox					
Gray fox					
Bobcat					
Coyote					
Feral Hog					

The following questions will help us to know more about hunters. The information you provide will remain strictly confidential and you will not be identified with your answers.

2. Compared to your other outdoor recreation activities (such as fishing, camping, golfing, etc...) would you rate hunting as: *(Please circle only one answer)*

- 1 YOUR MOST IMPORTANT OUTDOOR ACTIVITY
- 2 YOUR SECOND MOST IMPORTANT OUTDOOR ACTIVITY
- 3 YOUR THIRD MOST IMPORTANT OUTDOOR ACTIVITY
- 4 NONE OF THE ABOVE

3. What is your age? _____ YEARS

4. Are you? 1 MALE
 2 FEMALE

5. What is your approximate annual household income before taxes?

- | | |
|-----------------------|------------------------|
| 1 UNDER \$10,000 | 7 \$60,000 - \$69,999 |
| 2 \$10,000 - \$19,999 | 8 \$70,000 - \$79,999 |
| 3 \$20,000 - \$29,999 | 9 \$80,000 - \$89,999 |
| 4 \$30,000 - \$39,999 | 10 \$90,000 - \$99,999 |
| 5 \$40,000 - \$49,999 | 11 \$100,000 and ABOVE |
| 6 \$50,000 - \$59,999 | |

6. What is your highest completed level of education? *(Please circle only one answer)*

- | | | | | | | | | | | | | | | | | | | | | | |
|------------|----------|----------|----------|-------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> | <u>6</u> | <u>7</u> | <u>8</u> | <u>9</u> | <u>10</u> | <u>11</u> | <u>12</u> | <u>13</u> | <u>14</u> | <u>15</u> | <u>16</u> | <u>17</u> | <u>18</u> | <u>19</u> | <u>20</u> | <u>21</u> | <u>22+</u> |
| ELEMENTARY | | | | HIGH SCHOOL | | | | COLLEGE | | | | GRADUATE SCHOOL | | | | | | | | | |

7. Would you best describe yourself as:

- 1 WHITE OR ANGLO
- 2 BLACK OR AFRICAN AMERICAN
- 3 LATINO OR HISPANIC
- 4 NATIVE AMERICAN OR ALASKAN NATIVE
- 5 ASIAN OR PACIFIC ISLANDER
- 6 OTHER *(Please Specify: _____)*

8. Was this survey completed by the person to whom it was addressed?

- 1 YES
- 2 NO

Is there anything else you would like to share with us about the MDWFP Wildlife Bureau, hunting in Mississippi, or your wildlife-related Information and Education needs?

Your contribution of time to this study is greatly appreciated. Please return your completed questionnaire in the postage paid business reply envelope as soon as possible. Thank You.

Mississippi State University
Department of Wildlife, Fisheries, and Aquaculture
Mississippi State, MS 39762-9690
8/11

Appendix B

Survey correspondence with hunters for the 2010-11 Survey of Mississippi Resident Hunters

10000



Mississippi State
UNIVERSITY

Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Box 9690
Mississippi State, MS 39762-9690

September 27, 2011

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

I am writing to ask for your help in a study of Mississippi hunters. Each year I conduct the enclosed annual hunter harvest and attitude survey for the Wildlife Bureau of the Mississippi Department of Wildlife, Fisheries and Parks (MDWFP). We conduct this study to determine the characteristics of hunters, and the amount of game harvested in Mississippi during the previous hunting season. The enclosed survey is designed to tell us about your game harvest in the 2010-2011 (July 1, 2010 – May 1, 2011) Mississippi hunting season.

You are one of a small number of license holders from the 2010-11 hunting season selected to participate in this study. It is important that you and no one else complete the questionnaire. Your response is vital to insuring the information we collect is representative of all Mississippi hunters, and we want to hear from you whether you hunt often or just occasionally. All responses will be strictly confidential, and you will not be identified with your answers. Your answers will be grouped with other respondents in a non-identifiable manner. The survey has an identification number for mailing purposes only. This is so we can remove your name from the mailing list once we receive it.

After you complete the questionnaire, please return it to Mississippi State University in the postage-paid, business reply envelope as soon as possible. For additional information regarding human participation in research, please feel free to contact the MSU Regulatory Compliance Office at (662) 325-3994. If you should have any questions about this research project, please feel free to contact me at Mississippi State University at (662) 325-4153.

Thank you in advance for your cooperation. We hope you enjoyed your summer and that your 2011-12 hunting season will be a safe and successful one.

Sincerely,

A handwritten signature in black ink that reads "Kevin M. Hunt".

Dr. Kevin M. Hunt
Associate Professor & Director
Human Dimensions & Conservation Law Enforcement Laboratory

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Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Box 9690
Mississippi State, MS 39762-9690

October 25, 2011

Willie T Thorne
PO Box 45
Tishomingo, MS 38873

Dear Willie:

About three weeks ago, we sent you a survey of Mississippi hunters. As of today, we have not yet received your completed questionnaire. If you have recently returned your survey, please accept our thanks. However, the success and accuracy of our study depends on you and the others who have not yet responded. We ask for your help in making sure our results are representative of all hunters in Mississippi.

In case you misplaced your survey, we've enclosed another. The survey is designed to tell us about your general hunting activity and game harvest during the 2010-2011 hunting season. Study results will help MDWFP in wildlife management plans. Although the survey is completely voluntary, we hope that you will take the 10-15 minutes necessary to provide your input and be a part of the wildlife management process. If you did not hunt in the 2010-11 hunting season, please write **DID NOT HUNT** on the front of the questionnaire and mail it back to us so we can take your name off the mailing list.

All responses will be strictly confidential, and you will not be identified with your answers. Your answers will be grouped with other respondents in a non-identifiable manner. The survey has an identification number for mailing purposes only. This is so we can remove your name from the mailing list once it is received. After you complete the questionnaire, please return it to Mississippi State University in the postage-paid, business reply envelope as soon as possible. If you should have any questions about this research project, please feel free to contact me at Mississippi State University at (662) 325-4153. Thank you in advance for your cooperation and good luck during the current hunting season.

Sincerely,

A handwritten signature in black ink that reads "Kevin M. Hunt". The signature is written in a cursive style with a large, stylized "H" at the end.

Dr. Kevin M. Hunt
Associate Professor & Director
Human Dimensions & Conservation Law Enforcement Laboratory

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Mississippi State
UNIVERSITY

Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Box 9690
Mississippi State, MS 39762-9690

November 15, 2011

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

During the last two months, I have sent you two mailings involving a survey of Mississippi hunters. As of today, I have not yet received your completed questionnaire. If you have recently returned your survey, please accept my thanks.

The success and accuracy of our study depends on you and the others who have not yet responded. If for some reason you prefer not to respond, please let me know by returning the blank questionnaire in the enclosed business reply envelope. Or, if you did not hunt in the 2010-11 hunting season, please write **DID NOT HUNT** on the front of the questionnaire and mail it back to us so we can take your name off the mailing list.

If you choose to respond, the survey should take you no longer than 10-15 minutes to complete. Your responses will be strictly confidential, and you will not be identified with your answers. The survey has an identification number for mailing purposes only. Your answers will be grouped with other respondents in a non-identifiable manner, and there is no way for anyone outside of my laboratory to determine your identity. I will destroy the name and address list at the end of the study.

After you complete the questionnaire, please return it to Mississippi State University in the postage-paid, business reply envelope as soon as possible. If you should have any questions about this research project, please feel free to contact me at Mississippi State University at (662) 325-4153. Thank you in advance for your cooperation and good luck during the current hunting season.

Sincerely,

A handwritten signature in black ink that reads "Kevin M. Hunt".

Dr. Kevin M. Hunt
Associate Professor & Director
Human Dimensions & Conservation Law Enforcement Laboratory