

***Resident Hunter Effort & Game Harvest Estimates
for the 2009-2010 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 2009-10 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 2009-10 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 2009-2010 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 1,225 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2009-10 season (n=1,127), and those who indicated they “DID NOT HUNT” on their returned survey (n=98). 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 11 individuals indicated their refusal to participate. When non-deliverable surveys (n=205) were excluded from consideration, an effective response rate of 43.8% was obtained.

Statewide expansions were calculated based on the 165,500 total hunting licenses sold and accounted for by June 30, 2010. There were 165,500 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 2009-2010 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 2009-10 MISSISSIPPI RESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 165,500 SMALL GAME LICENSE HOLDERS AND 161,966 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 LICENCEES (A)
DOVE	1,062,573	7.76	23.38	94.8	133,109	3.00	45,445	27.5
QUAIL	24,362	3.18	10.95	100.0	7,155	3.59	2,225	1.3
WOODCOCK	1,757	0.88	3.00	60.0	1,991	3.40	586	0.4
RABBIT	229,334	1.21	8.48	93.1	178,826	7.19	27,056	16.3
SQUIRREL	539,837	2.34	13.28	93.1	217,606	5.67	40,643	24.6
RACCOON	52,238	0.66	7.07	81.4	74,493	10.78	6,910	4.2
TOTAL DUCK	309,332	1.99	20.70	89.9	145,120	10.41	13,938	8.4
MALLARD	130,596	0.84	8.74	70.6				
WOOD DUCK	75,078	0.46	4.81	65.5				
OTHER DUCKS	103,657	0.69	7.15	58.0				
GEESE	12,415	1.69	7.92	100.0	7,145	4.69	1,523	0.9
RED FOX	937	0.15	1.33	83.3	3,165	5.40	703	0.4
GRAY FOX	1,757	0.32	2.50	100.0	2,582	7.33	703	0.4
BOBCAT	7,379	0.22	1.49	90.2	18,678	5.64	4,802	2.9
COYOTE	16,866	0.35	2.22	89.1	29,464	5.64	7,496	4.5
TOTAL DEER	238,453	0.09	2.23	75.4	2,282,113	23.33	106,498	65.8
BUCK	108,483	0.04	1.02	57.5				
DOE	129,970	0.05	1.22	58.6				
ARCHERY DEER	29,194	0.07	0.98	54.7	341,941	12.74	29,661	18.3
BUCK	8,057	0.02	0.27	20.9				
DOE	21,136	0.05	0.71	45.7				
PRIMITIVE DEER	53,483	0.09	0.97	60.7	444,880	9.13	55,234	34.1
BUCK	22,654	0.04	0.41	33.2				
DOE	30,828	0.05	0.56	42.3				
GUN DEER	155,777	0.09	1.56	71.1	1,826,000	18.31	99,725	61.6
BUCK	77,772	0.04	0.78	53.3				
DOE	78,005	0.04	0.78	47.7				
TOTAL TURKEY	25,807	0.09	1.00	58.2	237,724	10.16	25,690	15.9
SPRING 2010	24,639	0.09	0.99	58.0	230,736	10.19	24,756	15.3
FALL 2009	1,168	0.11	0.91	63.6	6,554	7.00	1,285	0.8
HOG	30,102	0.31	3.65	86.2	74,499	11.29	7,613	4.6

(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 2009-10 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	924,200	70,159	6.6	922,254	1,202,892
QUAIL	24,362	6,523	26.8	11,316	37,408
WOODCOCK	1,757	1,245	70.8	0	4,246
RABBIT	229,334	22,886	10.0	183,563	275,105
SQUIRREL	539,837	48,474	9.0	442,889	636,785
RACCOON	52,238	11,577	22.2	29,084	75,393
TOTAL DUCKS	309,332	40,372	13.1	228,588	390,076
MALLARD	130,596	19,462	14.9	91,672	169,521
WOOD DUCK	75,078	11,578	15.4	51,922	98,234
OTHER DUCKS	103,657	16,934	16.3	69,789	137,526
GEESE	12,415	7,061	56.9	0	26,538
RED FOX	937	523	55.9	0	1,984
GRAY FOX	1,757	943	53.7	0	3,644
BOBCAT	7,379	1,347	18.3	4,685	10,073
COYOTE	16,866	3,325	19.7	10,216	23,516
TOTAL DEER	238,453	8,737	3.7	220,980	255,927
BUCK	108,483	4,588	4.2	99,307	117,660
DOE	129,970	5,534	4.3	118,903	141,037
ARCHERY DEER	29,194	2,840	9.7	23,514	34,873
BUCK	8,057	1,200	14.9	5,657	10,458
DOE	21,136	2,251	10.7	16,634	25,639
PRIMITIVE DEER	53,483	3,363	6.3	46,757	60,209
BUCK	22,654	1,865	8.2	18,924	26,384
DOE	30,828	2,228	7.2	26,373	35,284
GUN DEER	155,777	6,136	3.9	143,505	168,049
BUCK	77,772	3,551	4.6	70,669	84,874
DOE	78,005	3,804	4.9	70,398	85,613
TOTAL TURKEY	25,807	2,450	9.5	20,908	30,707
SPRING 2010	24,639	2,374	9.6	19,892	29,387
FALL 2009	1,168	466	39.9	235	2,100
HOG	30,102	8,312	27.6	13,478	46,725

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

3TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	244,708 33233.65 1,402	8.10 0.52 91	22.50 2.06 92	93.50 2.59 92	30,015 3,799.85 1,395	2.78 0.21 91	10,860 1,094.86 377	24.4 2.22 377
2	ESTIMATE (SE) N	177,187 36,409.36 1,402	7.05 0.74 57	25.88 4.18 58	93.10 3.36 58	25,032 4,646.89 1,395	3.70 0.50 57	6,846 880.53 377	15.4 1.86 377
3	ESTIMATE (SE) N	165,263 31002.93 1402	8.30 0.68 50	26.92 3.51 52	96.15 2.69 52	19,219 3,173.87 1,395	3.24 0.29 50	6,138 835.60 377	13.79 1.78 377
4	ESTIMATE (SE) N	242,584 34711.55 1402	7.92 0.60 91	22.34 2.28 92	95.7 2.14 92	30,015 4,092.53 1,395	2.78 0.25 91	10,860 1,094.86 377	24.4 2.22 377
5	ESTIMATE (SE) N	89,006 18443.06 1402	6.21 0.69 37	19.33 2.63 39	97.4 2.56 39	13,406 3,170.90 1,395	3.05 0.53 37	4,603 727.13 377	10.35 1.57 377
6	ESTIMATE (SE) N	120,760 24163.47 1402	8.97 1.11 43	23.79 3.18 43	95.35 3.25 43	13,524 2,552.83 1,395	2.65 0.31 43	5,075 762.39 377	11.41 1.64 377
STATEWIDE	ESTIMATE (SE) N	1,062,573 70,159.39 1,413	7.76 0.29 375	23.38 1.17 388	94.85 1.12 388	133,109 8,355.62 1,400	3.00 0.13 375	45,445 1,965.70 1,413	27.46 1.19 1,413

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	4,105 3086.88 1411	4.38 0.61 3	11.67 6.89 3	100.0 0.0 3	938 642.18 1411	2.67 1.20 3	351 203.01 17	17.6 9.53 17
2	ESTIMATE (SE) N	2,346 1,519.54 1,411	1.05 0.53 3	6.67 2.40 3	100.0 0.0 3	2,228 1,790.05 1,411	6.33 4.33 3	352 203.01 17	17.6 0.10 17
3	ESTIMATE (SE) N	1,173 1,172.93 1,411	5.0 0.0 1	10.0 0.0 1	100.0 117.3 1	235 234.60 1411	2.0 0.0 1	117 117.3 17	6.0 6.0 17
4	ESTIMATE (SE) N	8,562 4,438.93 1,411	5.21 2.37 4	18.25 2.92 4	100.0 0.0 4	1,642 922.86 1,411	3.5 1.04 4	469 234.34 17	23.5 0.11 17
5	ESTIMATE (SE) N	5,630 2,757.65 1,411	8.0 1.4 5	9.60 2.16 5	100.0 0.0 1	704 331.34 1,411	1.20 0.20 5	586 261.90 17	29.41 0.11 17
6	ESTIMATE (SE) N	938 938.34 1411	0.67 0.0 1	8.0 0.0 1	100.0 0.0 1	1,408 1407.51 1,411	12.0 0.0 1	117 117.29 17	6.0 0.06 17
STATEWIDE	ESTIMATE (SE) N	24,362 6,523 1,413	3.18 0.98 17	10.9 1.58 19	100.0 0.0 19	7,155 2,566.28 1,411	3.59 0.98 17	2,225 507 1,413	1.35 0.3 1,413

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	0.0 0.0 1,413	0.0 0.0 1	0.0 0.0 1	0.0 0.0 1	234.25 234.25 1,413	2.00 0.0 1	117 117.13 5	20.0 .20 5
2	ESTIMATE (SE) N	1,171 1,171.27 1,413	0.83 0.0 1	10.0 0.0 1	100.0 0.0 1	1,405.52 1,405.52 1,413	12.0 0.0 1	117 117.13 5	20.0 0.20 5
3	ESTIMATE (SE) N	0.0 0.0 1,413	0.0 0.0 0	0.0 0.0 0	0.0 0.0 0	0.0 0.0 1,413	0.0 0.0 0	0.0 0.0 5	0.0 0.0 5
4	ESTIMATE (SE) N	0.0 0.0 1,413	0.0 0.0 0	0.0 0.0 0	0.0 0.0 0	0.0 0.0 1,413	0.0 0.0 0	0.0 0.0 5	0.0 0.0 5
5	ESTIMATE (SE) N	234 234.25 1,413	2.00 0.0 1	2.00 0.0 1	100.0 0.0 1	117 117.13 1,413	1.00 0.0 1	117 117.13 5	20.0 0.20 5
6	ESTIMATE (SE) N	351 351.38 1,413	1.5 1.5 2	1.14 0.20 29	50.0 0.50 2	234.25 165.6 1,413	1.00 0.0 2	234 165.58 5	40.0 0.24 5
STATEWIDE	ESTIMATE (SE) N	1,757 1,244.64 1,413	0.88 0.21 5	3.00 1.84 5	60.0 0.24 5	1,991 1,438.81 1,413	3.40 2.16 5	586 261.53 1,413	0.3 0.00 1,413

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	45,438 9,937.92 1,395	1.15 0.14 42	8.71 1.41 44	93.2 3.84 44	39,427 9,594.19 1,381	7.83 1.51 42	5220 774.72 213	20.7 2.8 213
2	ESTIMATE (SE) N	32,862 8,571.33 1,395	1.44 0.31 28	9.55 1.80 29	93.1 4.79 29	20,972 5,915.55 1,381	6.25 1.34 28	3440 632.44 213	13.6 2.36 213
3	ESTIMATE (SE) N	23,846 6,326.95 1,395	1.19 0.38 23	7.73 1.42 26	92.3 5.33 26	16,777 7,955.65 1,381	6.09 2.65 23	3084 599.49 213	12.2 2.25 213
4	ESTIMATE (SE) N	49,828 11,001.85 1,395	1.49 0.25 50	7.93 1.40 53	94.3 3.21 53	31,158 7,537.51 1,381	5.20 1.04 50	6287 847.44 213	24.9 2.97 213
5	ESTIMATE (SE) N	25,744 8,345.90 1,395	1.11 0.29 27	7.23 1.98 30	93.3 4.63 30	21,331 5,424.09 1,381	6.59 1.13 27	3559 643.01 213	14.9 2.39 213
6	ESTIMATE (SE) N	39,151 11,397.00 1,395	1.14 0.20 29	10.65 2.50 31	90.3 5.34 31	33,675 10,631.11 1,381	9.69 2.53 29	3678 653.40 213	14.55 2.42 213
STATEWIDE	ESTIMATE (SE) N	229,334 22,885.55 1,413	1.21 0.1 209	8.48 67.58 231	93.07 1.67 231	178,825 21,025.15 1,391	7.19 71.17 209	27,056 1,628.75 1,413	16.35 0.98 1,413

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 2009-10 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	117,095	2.42	15.18	89.2	47,200	6.34	7711	19.8
	(SE)	34,729.56	0.35	4.14	3.88	10,684.76	1.21	934.28	2.20
	N	1,395	62	65	65	1,378	62	329	329
2	ESTIMATE	76,877	2.05	11.37	96.5	34,589	5.43	6762	17.33
	(SE)	14,932.54	0.43	1.66	2.46	8,942.39	1.21	877.52	2.09
	N	1,395	53	57	57	1,378	53	329	329
3	ESTIMATE	58,844	3.05	12.10	92.7	17,654	3.87	4864	12.46
	(SE)	12,466.34	0.44	1.78	4.12	3,582.90	48.91	748.68	1.82
	N	1,395	38	41	41	1,378	38	329	329
4	ESTIMATE	118,994	2.69	12.86	93.6	42,156	4.68	9254	23.71
	(SE)	18,800.98	0.22	1.47	2.79	6,679.0	52.58	1,018.43	2.35
	N	1,395	75	78	78	1,378	75	329	329
5	ESTIMATE	96,453	2.15	15.06	94.44	44,918	7.06	6407	16.41
	(SE)	17,464.67	0.26	1.86	3.15	8,607.37	97.03	855.07	2.05
	N	1,395	53	54	54	1,378	53	329	329
6	ESTIMATE	47,337	2.29	11.73	91.2	19,937	5.35	4034	10.33
	(SE)	13,893.67	0.52	2.85	4.94	5,640.43	1.20	683.54	1.68
	N	1,395	31	34	34	1,378	31	329	329
STATEWIDE	ESTIMATE	539,837	2.34	13.28	93.1	217,606	5.67	40,643	24.56
	(SE)	48,474.08	0.14	1.02	1.36	19,382.58	42.26	1,895.75	1.15
	N	1,413	322	347	347	1,388	322	1,413	1,413

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	19,954 9,201.75 1,410	0.57 0.22 15	11.20 4.5 15	80.0 10.69 15	34,743 17,435.56 1,410	19.73 8.80 15	1,761 452.33 56	26.79 5.97 56
2	ESTIMATE (SE) N	6,573 4,094.11 1,410	0.65 0.27 6	9.33 4.8 6	83.33 16.67 6	9,977 7,264.60 1,410	14.17 9.36 6	704 287.00 56	10.71 4.17 56
3	ESTIMATE (SE) N	4,108 1,718.20 1,410	0.55 0.23 7	3.29 1.19 7	71.43 18.44 7	4,930 2,260.86 1,410	6.0 1.69 7	822 309.89 56	12.50 4.46 56
4	ESTIMATE (SE) N	8,451 3,816.20 1,410	0.67 0.13 10	7.0 2.51 10	80.0 13.33 10	12,207 5,248.88 1,410	10.4 3.20 10	1,173 369.99 56	17.86 5.16 56
5	ESTIMATE (SE) N	2,230 973.53 1,410	0.56 0.31 8	2.38 0.65 8	75.0 16.37 8	3,991 2,071.28 1,410	4.25 1.73 8	939 331.16 56	14.29 4.72 56
6	ESTIMATE (SE) N	6,221 2,633.42 1,410	0.78 0.18 10	5.0 1.65 10	90.0 10.00 10	7,512 2,996.09 1,410	6.40 1.65 10	1,174 369.99 56	17.86 5.16 56
STATEWIDE	ESTIMATE (SE) N	52,239 11,577.27 1,413	0.66 0.12 59	7.07 1.41 59	81.36 5.11 59	74,493 19,972 1,413	10.78 2.56 59	6,910 881.00 1,413	4.18 0.53 1,413

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCKS HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	23,459 10,639.09 1,411	1.37 0.20 15	13.33 5.15 15	80.0 10.69 15	17,124 7,320.84 1,411	9.73 3.44 15	1759 452.01 117	12.82 3.10 117
2	ESTIMATE (SE) N	88,790 22,695.27 1,411	2.28 0.38 31	22.58 4.49 31	90.32 5.40 31	36,009 8,405.76 1,411	9.90 1.52 31	3,636 646.07 117	26.50 4.10 117
3	ESTIMATE (SE) N	130,430 27,828.18 1,411	2.24 0.22 41	26.32 4.11 41	100.0 0.00 41	56,418 11,353.59 1,411	11.73 1.54 41	4,809 740.31 117	35.04 4.43 117
4	ESTIMATE (SE) N	11,260 5,429.76 1,411	1.13 0.26 11	8.73 3.45 11	81.81 12.20 11	9,970 4,060.99 1,411	7.73 2.23 11	1,290 387.63 117	9.40 2.71 117
5	ESTIMATE (SE) N	22,051 11,538.77 1,411	1.71 0.28 8	18.75 10.04 8	75.0 16.4 8	10,322 5,524.08 1,411	11.0 4.73 8	938.34 330.93 117	6.83 2.34 117
6	ESTIMATE (SE) N	26,156 9,857 1,411	1.77 0.16 11	20.27 4.84 11	90.9 9.1 8	14,779 5,554 1,411	11.45 2.71 11	1,290 387.63 117	9.40 2.71 117
STATEWIDE	ESTIMATE (SE) N	309,332 40,372.00 1,413	1.99 0.14 119	20.70 2.17 119	89.9 2.8 119	145,120 17,864 1,413	10.41 90.22 119	13,938 1,223.15 1,413	8.42 0.74 1,413

TABLE 10. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF MALLARD HUNTING IN MISSISSIPPI DURING THE 2009-10 HUNTING SEASON.

DISTRICT	STATISTIC	MALLARDS			PERCENT SUCCESSFUL HUNTERS
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	
1	ESTIMATE	6,920	0.404	3.93	53.3
	(SE)	3,899.55	0.08	2.04	13.3
2	N	1,411	15	15	15
	ESTIMATE	49,146	1.28	12.71	87.1
3	(SE)	13,124.97	0.25	2.74	6.12
	N	1,411	31	31	31
4	ESTIMATE	59,819	1.03	12.07	92.68
	(SE)	13,167.43	0.15	2.00	4.12
5	N	1,411	41	41	41
	ESTIMATE	1,056	0.11	0.82	27.27
6	(SE)	673.45	0.04	0.48	14.1
	N	1,411	11	11	11
STATEWIDE	ESTIMATE	8,445	0.71	7.75	50.0
	(SE)	4,544.83	0.13	4.06	18.90
STATEWIDE	N	1,411	8	8	8
	ESTIMATE	2,463	0.17	1.91	36.36
STATEWIDE	(SE)	1,331.05	0.08	0.90	15.2
	N	1,411	11	11	11
STATEWIDE	ESTIMATE	130,596	0.84	8.74	70.89
	(SE)	19,462.31	0.93	1.14	4.20
STATEWIDE	N	1,413	119	119	119

TABLE 11. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOOD DUCK HUNTING IN MISSISSIPPI DURING THE 2009-10 HUNTING SEASON.

WOOD DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE (SE) N	9,149 3,694.98 1,411	0.53 0.16 15	5.20 1.68 15	66.67 12.60 15
2	ESTIMATE (SE) N	12,198 3,703.63 1,411	0.27 0.06 31	2.71 0.64 31	61.29 8.89 31
3	ESTIMATE (SE) N	19,001 4,531.29 1,411	0.33 0.48 41	3.88 0.73 41	68.29 7.36 41
4	ESTIMATE (SE) N	7,859 3,384.07 1,411	0.79 0.19 11	6.09 1.97 11	81.8 12.2 11
5	ESTIMATE (SE) N	8,211 4,014.35 1,411	0.53 0.14 8	5.88 2.96 8	50.0 18.9 8
6	ESTIMATE (SE) N	14,310 7,323.25 1,411	0.97 0.33 11	11.09 4.82 11	63.6 15.2 11
STATEWIDE	ESTIMATE (SE) N	75,078 11,577.86 1,413	0.46 0.6 119	4.81 0.66 119	65.6 4.38 119

TABLE 12. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF OTHER DUCK HUNTING IN MISSISSIPPI DURING THE 2009-10 HUNTING SEASON.

OTHER DUCKS					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	7,389	0.43	4.20	40.0
	(SE)	4,159	0.13	2.18	13.1
	N	1,411	15	15	15
2	ESTIMATE	27,447	0.72	7.16	74.19
	(SE)	8,357.29	0.16	1.91	7.99
	N	1,411	31	31	31
3	ESTIMATE	51,609	0.88	10.37	73.2
	(SE)	12,787.17	0.12	2.12	7.01
	N	1,411	41	41	41
4	ESTIMATE	2,346	0.24	1.82	18.18
	(SE)	1,854.17	0.14	1.39	12.20
	N	1,411	11	11	11
5	ESTIMATE	5,396	0.47	5.13	37.5
	(SE)	3,983.32	0.23	4.05	18.30
	N	1,411	8	8	8
6	ESTIMATE	9,383	0.64	7.27	45.46
	(SE)	4,759.59	0.25	3.12	15.8
	N	1,411	11	11	11
STATEWIDE	ESTIMATE	103,657	0.69	7.15	57.9
	(SE)	16,934.22	0.07	1.03	4.54
	N	1,413	119	119	119

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 2009-10 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	586	2.50	2.50	100.0	234	1.00	234	15.4
1	(SE)	422.17	0.50	0.50	0.0	165.58	0.0	165.58	10.42
	N	1,413	2	2	2	1,413	2	13	13
2	ESTIMATE	9,136	2.00	13.00	100.0	4,568	6.50	703	46.2
	(SE)	6,921.55	1.89	9.09	0.0	2,676.78	3.00	286.39	14.39
	N	1,413	6	6	6	1,413	6	13	13
3	ESTIMATE	1,991	0.89	4.25	100.0	2,225	4.75	469	30.8
	(SE)	1,277.05	0.19	1.97	0.0	1,676.55	3.09	234.00	13.32
	N	1,413	4	4	4	1,413	4	13	13
4	ESTIMATE	0	.	.	.	0.00	.	0.00	0.00
	(SE)	0.0	.	.	.	0.00	.	0.00	0.00
	N	1,413	.	.	.	1411	.	13	13
5	ESTIMATE	351	3.0	1	100	117	100	117	7.69
	(SE)	351.38	.	3.0	.	117.13	.	117.13	7.69
	N	1,413	1	1	1	1,413	1	13	13
6	ESTIMATE	234	.	.	.	0.00	.	0.00	0.00
	(SE)	234.25	.	.	.	0.00	.	0.00	0.00
	N	1,413	.	.	.	1,413	.	13	13
	ESTIMATE	12,415	1.69	7.92	100	7,145	4.69	1523	0.92
STATEWIDE	(SE)	7,061.31	1.12	4.25	0.0	3,162.17	1.69	420.51	0.25
	N	1,413	13	13	13	1,413	13	1,413	1,413

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	117 117.21 1412	1.0 . 1	1.0 . 1	100 . 1	117 117.29 1411	1.0 . 1	117 117.21 5	20.0 20.0 5
2	ESTIMATE (SE) N	0.00 0.00 1412	. . .	. . .	. . .	0.00 0.00 1411	. . .	0.00 0.00 5	0.00 0.00 5
3	ESTIMATE (SE) N	0.00 0.00 1412	. . .	. . .	. . .	0.00 0.00 1411	. . .	0.00 0.00 5	0.00 0.00 5
4	ESTIMATE (SE) N	117 117.21 1412	1.0 . 1	1.0 . 1	100 . 1	117 117.29 1411	1.0 . 1	117 117.21 5	20.0 20.0 5
5	ESTIMATE (SE) N	117 117.21 1412	0.05 . 1	1.0 . 1	100 . 1	2,580 2,580.44 1411	22.0 . 1	117 117.21 5	20.0 20.0 5
6	ESTIMATE (SE) N	469 468.84 1412	0.00 . 1	2.00 2.00 2	50.0 50.0 2	235 234.59 1411	2.0 . 1	234 165.70 5	40.0 24.5 5
STATEWIDE	ESTIMATE (SE) N	937 523.40 1,413	0.14 0.11 5	1.33 0.56 6	83.33 16.67 6	3,165 2,596.75 1,412	5.40 4.15 5	702.76 286.39 1,413	0.43 0.17 1,413

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	703 597.15 1,413	0.29 0.07 2	3.0 2.0 2	100 0.00 2	2,465 2,350.37 1,410	10.5 9.5 2	234 165.58 6	33.3 21.1 6
2	ESTIMATE (SE) N	117 117.13 1,413	1.0 0.0 1	1.0 0.0 1	100 0.0 1	117 117.38 1,410	1.0 0.0 1	117 117.13 6	17 0.17 6
3	ESTIMATE (SE) N	0.0 0.0 1,413	- - -	- - -	- - -	0.0 0.0 1,410	- - -	0.0 0.0 6	0.0 0.0 6
4	ESTIMATE (SE) N	234 165.58 1,413	- - -	1.0 0.0 2	100 0.0 2	0.0 0.0 1,410	- - -	234 165.58 6	33 0.21 6
5	ESTIMATE (SE) N	0.0 0.0 1,413	- - -	- - -	- - -	0.0 0.0 1,410	- - -	0.0 0.0 6	0.0 0.0 6
6	ESTIMATE (SE) N	703 702.76 1,413	- - -	6.0 0.0 1	100 0.0 1	0.0 0.0 1,410	- - -	117 117.13 6	17 0.17 6
STATEWIDE	ESTIMATE (SE) N	1,757 943.48 1,413	0.32 0.09 3	2.5 0.96 6	100 - 6	2,582 2,353.21 1,410	7.33 6.33 3	703 286.39 1,413	0.43 0.0 1,413

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT IN MISSISSIPPI DURING THE 2009-10 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) N	1,175 524.55 1,409	0.22 0.11 4	1.43 0.37 7	85 0.14 7	3,196 2,445.65 1,398	6.75 4.52 4	822 310.10 37	19 0.07 37
2	ESTIMATE (SE) N	117 117.13 1,409	0.67 0.17 5	1.0 0.20 1	100 0.0 5	1,065 515.42 1,398	1.8 0.37 5	587 262.27 37	14 0.06 37
3	ESTIMATE (SE) N	235 166.05 1,409	0.13 0.22 2	0.67 0.33 3	66.7 33.3 3	947 837.01 1,398	4.0 3.0 2	352 203.30 37	8.1 4.55 37
4	ESTIMATE (SE) N	1,997 712.75 1,409	0.25 0.15 8	1.42 0.31 12	91.7 8.3 12	4,735 2,697.55 1,398	5.0 2.39 8	1,410 405.30 37	32.4 7.80 37
5	ESTIMATE (SE) N	587 352.2 1,409	0.19 0.10 2	1.67 0.33 3	100 0.0 3	1,894 1,779.61 1,398	8.0 7.0 2	352 203.30 37	8.12 4.55 37
6	ESTIMATE (SE) N	1,644 760.23 1,409	0.12 0.06 5	2.0 0.58 7	85.7 14.3 7	6,038 4,038.89 1,398	10.2 5.68 5	822 310.10 37	18.9 6.53 37
STATEWIDE	ESTIMATE (SE) N	7,379 1,347.13 1,413	0.22 0.05 28	1.49 0.16 41	90.2 4.69 41	18,678 5,824.86 1,400	5.64 1.43 28	4,802 739.28 1,413	2.90 0.45 1,413

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING DURING THE 2009-10 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) N	3,896 2,178.15 1,402	0.50 0.16 7	3.67 1.75 9	77.8 14.70 9	5,239 2,722.87 1,390	6.29 2.43 7	1,062 353.12 53	16.98 5.21 53
2	ESTIMATE (SE) N	2,125 849.65 1,402	0.29 0.14 9	1.70 0.49 10	80.0 13.3 10	6,668 3,769.80 1,390	6.22 3.02 9	1,180 372.09 53	18.87 5.43 53
3	ESTIMATE (SE) N	708 372.95 1,402	0.25 0.22 3	1.25 0.48 4	75.0 25.0 4	1,429 966.87 1,390	4.0 1.73 3	472 235.84 53	7.55 3.66 53
4	ESTIMATE (SE) N	3,187 991.37 1,402	0.31 0.11 14	1.59 0.32 17	88.2 8.06 17	8,454 3,776.62 1,390	5.07 1.89 14	2,007 483.93 53	32.08 6.47 53
5	ESTIMATE (SE) N	1,181 500.01 1,402	0.16 0.08 5	1.43 0.29 7	100 0.0 7	5,953 3,671.53 1,390	10.0 4.75 5	826 311.65 53	13.21 4.70 53
6	ESTIMATE (SE) N	2,715 1,613.20 1,402	0.75 0.19 3	3.83 1.82 6	100 0.0 6	476 291.47 1,390	1.33 0.33 3	708 288.64 53	11.32 4.39 53
STATEWIDE	ESTIMATE (SE) N	16,866 3,325.03 1,413	0.35 0.08 44	2.22 0.35 64	89.1 3.93 64	29,464 7,101.13 1,393	5.64 1.08 44	7,496 915.87 1,413	4.53 0.55 1,413

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	4,512 986.30 1,364	0.06 0.01 46	0.79 0.13 48	50.0 7.2 48	66,204 11,581.30 1,348	11.98 1.19 46	5,699 808.37 231	20.78 2.68 231
2	ESTIMATE (SE) N	4,037 1,096.14 1,364	0.09 0.02 30	1.06 0.22 32	53.13 8.96 32	40,852 9,204.52 1,348	11.33 1.55 30	3,800 664.03 231	13.85 2.28 231
3	ESTIMATE (SE) N	3,562 867.55 1,364	0.09 0.02 29	0.94 0.16 32	62.50 8.96 32	32,441 7,603.78 1,348	9.31 1.38 29	3,800 664.03 231	13.85 2.28 231
4	ESTIMATE (SE) N	7,481 1,754.23 1,364	0.07 0.01 54	1.09 0.22 58	46.6 6.61 58	80,623 14,268.09 1,348	12.43 1.46 54	6,887 885.21 231	25.11 2.86 231
5	ESTIMATE (SE) N	3,206 826.96 1,364	0.05 0.01 33	0.73 0.15 37	48.7 8.33 37	48,542 10,931.31 1,348	12.24 1.81 33	4,394 712.69 231	16.01 2.42 231
6	ESTIMATE (SE) N	3,325 1,045.23 1,364	0.05 0.02 23	1.17 0.29 24	66.7 9.83 24	66,324 21,955.68 1,348	24.0 6.34 23	2,850 576.79 231	10.39 2.01 231
STATEWIDE	ESTIMATE (SE) N	29,194 2,839.72 1,387	0.07 0.01 225	0.98 0.08 254	54.7 3.13 254	341,942 31,771.10 1,358	12.74 0.90 225	29,661 1,682.66 1,387	18.3 1.04 1,387

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2009-10 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 (SE) N	950 374.76 1,364	0.01 0.00 46	0.17 0.06 48	14.58 5.15 48	3,562 817.30 1,364	0.05 0.01 46	0.63 0.11 48	45.83 7.27 48
2	ESTIMATE (SE) N	1,069 459.15 1,364	0.02 0.01 30	0.28 0.11 32	21.9 7.43 32	2,969 861.04 1,364	0.07 0.02 30	0.78 0.18 32	46.9 8.96 32
3	ESTIMATE (SE) N	831 393.33 1,364	0.2 0.01 29	0.22 0.10 32	15.6 6.52 32	2,731 738.13 1,364	0.08 0.02 29	0.72 0.15 32	53.1 8.96 32
4	ESTIMATE (SE) N	2,494 738.74 1,364	0.03 0.01 54	0.36 0.10 58	24.1 5.67 58	4,987 1358.06 1,364	0.05 0.01 54	0.72 0.18 58	34.4 6.30 58
5	ESTIMATE (SE) N	594 265.13 1,364	0.01 0.5 33	0.14 0.06 37	13.5 5.70 37	2,612 668.22 1,364	0.04 0.01 33	0.60 0.12 37	45.9 8.31 37
6	ESTIMATE (SE) N	1,544 542.74 1,364	0.02 0.01 23	0.54 0.16 24	41.7 10.3 24	1,781 637.87 1,364	0.03 0.01 23	0.63 0.19 24	41.7 10.3 24
STATEWIDE	ESTIMATE (SE) N	8,057 1,200.24 1,387	0.02 0.00 225	0.27 0.04 254	20.9 2.55 254	21,136 2,251.20 1,387	0.05 0.01 225	0.71 0.06 254	45.7 3.13 254

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMATIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	8,653 1,499.16 1,329	0.08 0.01 77	0.87 0.12 82	52.4 5.55 82	90,972 11,773.95 1,289	9.40 0.64 77	9,993 1,069.40 415	19.8 1.96 415
2	ESTIMATE (SE) N	7,800 1,436.95 1,329	0.13 0.02 45	1.21 0.15 53	69.8 6.37 53	44,984 7,926.73 1,289	7.96 0.79 45	6,459 869.69 415	12.8 1.64 415
3	ESTIMATE (SE) N	6,947 1,160.16 1,329	0.09 0.01 57	0.90 0.10 63	65.1 6.05 63	66,847 13,236.54 1,289	9.33 1.41 57	7,678 944.47 415	15.2 1.76 415
4	ESTIMATE (SE) N	9,750 1,585.78 1,329	0.09 0.01 87	0.82 0.11 97	54.6 5.08 97	94,993 13,956.01 1,289	8.69 0.91 87	11,821 1,156.09 415	23.4 2.08 415
5	ESTIMATE (SE) N	7,312 1,239.06 1,329	0.08 0.01 70	0.77 0.10 78	52.6 5.69 78	77,276 12,369.65 1,289	8.79 0.97 70	9,506 1,044.66 415	18.8 1.92 415
6	ESTIMATE (SE) N	3,900 99.64 1,329	0.06 0.02 39	0.76 0.16 42	47.6 7.80 42	54,282 11,761.78 1,289	11.08 1.67 39	5,119 777.52 415	10.1 1.48 415
STATEWIDE	ESTIMATE (SE) N	53,483 3,362.94 1,387	0.09 0.01 393	0.97 0.05 473	60.7 2.25 473	444,880 27,438.76 1,307	9.13 0.41 393	55,234 2,062.38 1,387	34.1 1.27 1,387

TABLE 21. EXPANDED STATEWIDE AND DISTRICT OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2009-10 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 (SE) N	3,291 694.51 1,329	0.03 0.01 77	0.33 0.06 82	29.3 5.06 82	5,362 1,038.39 1,329	0.05 0.01 77	0.54 0.09 82	39.0 5.42 82
2	ESTIMATE (SE) N	3,412 765.36 1,329	0.06 0.01 45	0.53 0.10 53	41.5 6.83 53	4,387 870.87 1,329	0.07 0.01 45	0.68 0.10 53	54.7 6.90 53
3	ESTIMATE (SE) N	2,437 567.91 1,329	0.03 0.01 57	0.32 0.06 63	30.2 5.83 63	4,509 878.90 1,329	0.06 0.01 57	0.59 0.09 63	46.0 6.33 63
4	ESTIMATE (SE) N	4,509 895.65 1,329	0.04 0.01 87	0.38 0.07 97	30.9 4.72 97	5,240 1,002.45 1,329	0.05 0.01 87	0.44 0.07 97	33.0 4.80 97
5	ESTIMATE (SE) N	3,778 847.09 1,329	0.04 0.01 70	0.40 0.08 78	30.8 5.26 78	3,534 735.22 1,329	0.04 0.01 70	0.37 0.07 78	32.1 5.32 78
6	ESTIMATE (SE) N	1,706 485.41 1,329	0.03 0.01 39	0.33 0.08 42	31.0 7.22 42	2,194 665.05 1,329	0.03 0.01 39	0.43 0.11 42	31.0 7.22 42
STATEWIDE	ESTIMATE (SE) N	22,654 1,864.92 1,387	0.04 <0.01 393	0.41 0.03 473	33.2 2.17 473	30,826 2,227.95 1,387	0.05 0.01 393	0.56 0.03 473	42.3 2.27 473

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	29,929 3,122.30 1,288	0.09 0.01 161	1.48 0.11 161	68.9 3.66 161	330,220 29,150.08 1,288	16.31 0.79 161	20,246 1,493.12 755	21.3 1.49 755
2	ESTIMATE (SE) N	30,306 3,328.10 1,288	0.11 0.01 131	1.84 0.13 131	77.1 3.69 131	268,099 27,113.94 1,288	16.27 0.95 131	16,473 1,364.65 755	17.4 1.38 755
3	ESTIMATE (SE) N	18,988 2,736.80 1,288	0.10 0.01 93	1.62 0.17 93	71.0 4.73 93	189,757 22,735.54 1,288	16.23 1.08 93	11,695 1,168.54 755	12.3 1.20 755
4	ESTIMATE (SE) N	34,204 3,487.51 1,288	0.08 0.01 180	1.51 0.11 180	69.4 3.44 180	410,951 34,306.02 1,288	18.16 0.85 180	22,635 1,565.40 755	23.8 1.55 755
5	ESTIMATE (SE) N	19,743 2,583.82 1,288	0.08 0.01 121	1.30 0.13 121	65.3 4.35 121	254,895 26,461.15 1,288	16.75 0.96 121	15,216 1,317.19 755	16.0 1.34 755
6	ESTIMATE (SE) N	9,934 1,973.70 1,288	0.06 0.01 69	1.14 0.18 69	53.6 6.05 69	157,942 21,866.54 1,288	18.20 1.36 69	8,677 1,016.59 755	9.1 1.05 755
STATEWIDE	ESTIMATE (SE) N	155,777 6,135.89 1,387	0.09 <0.01 854	1.56 0.05 854	71.1 1.55 854	1,826,000 54,805.46 1,387	18.31 0.39 854	99,725 2,116.21 1,387	61.6 1.31 1,387

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2009-10 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	14,336	0.04	0.71	49.7	15,593	0.05	0.77	46.0
	(SE)	1,706.00	<0.01	0.07	3.95	1,949.12	<0.01	0.08	3.94
	N	1,288	161	161	161	1,288	161	161	161
2	ESTIMATE	13,958	0.05	0.85	58.8	16,348	0.06	0.99	57.3
	(SE)	1,767.61	0.01	0.08	4.32	2,000.47	0.01	0.09	4.34
	N	1,288	131	131	131	1,288	131	131	131
3	ESTIMATE	10,186	0.05	0.87	55.9	8,803	0.05	0.75	46.2
	(SE)	1,600.69	0.01	0.11	5.18	1,541.72	0.01	0.11	5.20
	N	1,288	93	93	93	1,288	93	93	93
4	ESTIMATE	16,599	0.04	0.73	51.7	17,605	0.04	0.78	46.7
	(SE)	1,918.06	<0.01	0.07	3.74	2,122.92	0.01	0.08	3.73
	N	1,288	180	180	180	1,288	180	180	180
5	ESTIMATE	9,431	0.04	0.62	45.46	10,312	0.04	0.68	47.11
	(SE)	1404.41	<0.01	0.08	4.55	1534.43	<0.01	0.08	4.56
	N	1,288	121	121	121	1,288	121	121	121
6	ESTIMATE	6,162	0.04	0.71	43.48	3,772	0.02	0.44	26.09
	(SE)	1265.11	<0.01	0.12	6.01	984.94	<0.01	0.10	5.33
	N	1,288	69	69	69	1,288	69	69	69
STATEWIDE	ESTIMATE	77,772	0.04	0.78	53.28	78,005	0.04	0.78	47.66
	(SE)	3,551.31	<0.01	0.03	1.71	3,803.77	<0.01	0.03	1.71
	N	1,387	854	854	854	1,387	854	854	854

TABLE 24. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 2009-10 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) N	3,890 930.07 1,374	0.07 0.01 31	0.94 0.16 35	57.14 8.49 35	38,886 8,415.62 1,362	10.55 1.33 31	4,126 688.69 199	17.59 2.71 199
2	ESTIMATE (SE) N	3,536 953.24 1,374	0.09 0.02 29	1.00 0.20 30	56.67 9.20 30	36,865 9,154.19 1,362	10.69 1.82 29	3,536 638.80 199	15.08 2.54 199
3	ESTIMATE (SE) N	2,947 870.91 1,374	0.10 0.02 21	1.05 0.24 22	59.09 10.73 22	24,973 6,997.14 1,362	10.00 1.82 21	2,593 548.66 199	11.06 2.23 199
4	ESTIMATE (SE) N	7,780 1419.14 1,374	0.09 0.01 57	1.10 0.15 60	61.67 6.33 60	73,372 12,234.82 1,362	10.83 1.14 57	7,073 893.25 199	30.15 3.26 199
5	ESTIMATE (SE) N	2,593 761.01 1,374	0.07 0.02 31	0.67 0.16 33	42.42 8.74 33	31,275 7,587.67 1,362	8.48 1.43 31	3,890 669.23 199	16.58 2.64 199
6	ESTIMATE (SE) N	2,240 752.65 1,374	0.10 0.02 18	1.00 0.25 19	57.90 0.12 19	21,643 6,217.58 1,362	10.11 1.73 18	2,240 510.44 199	9.55 2.09 199
STATEWIDE	ESTIMATE (SE) N	24,639 2,373.71 1,387	0.09 <0.01 197	0.99 0.07 212	58.02 3.39 212	230,736 20,697.11 1,366	10.19 0.61 191	24,756 1,565.50 1,387	15.3 0.97 1,387

TABLE 25. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 2009-10 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	351	0.21	0.75	50.0	1,640	3.50	468	57.1
	(SE)	261.79	0.10	0.48	28.87	921.42	1.04	233.97	20.20
	N	1,383	4	4	4	1,383	4	7	7
3	ESTIMATE	117	0.13	0.50	50.0	937	4.0	234	28.57
	(SE)	117.11	0.16	0.50	50.0	682.66	1.0	165.56	18.44
	N	1383	2	2	2	1,383	2	7	7
5	ESTIMATE	234	0.07	2.0	1.0	3,513	30	117	14.29
	(SE)	234.22	.	.	.	3,513.36	.	117.11	14.29
	N	1,383	1	1	1	1,383	1	7	7
STATEWIDE	ESTIMATE	1,168	0.11	0.91	63.64	6,554	7.0	1,285	0.79
	(SE)	466.21	0.04	0.25	15.21	3,720.05	3.33	385.90	0.24
	N	1,387	8	11	11	1,384	8	1,387	1,387

(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 '09 AND SPRING '10) HUNTING IN MISSISSIPPI DURING THE 2009-10 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	238,453	0.09	2.23	75.44	2,282,113	23.33	106,498	65.75
	(SE)	8,736.81	<0.01	0.07	1.43	92,102.49	0.77	2,064.48	1.27
	N	1,387	724	912	912	1,199	724	1,387	1387
BUCK	ESTIMATE	108,483	0.04	1.02	57.46	2,282,113	23.33	106,498	65.75
	(SE)	4,588.32	<0.01	0.04	1.64	92,102.49	0.77	2,064.48	1.27
	N	1,387	724	912	912	1,199	724	1,387	1387
DOE	ESTIMATE	129,970	0.05	1.2	58.55	2,282,113	23.33	106,498	65.75
	(SE)	5,533.54	<0.01	0.05	1.63	92,102.49	0.77	2,064.48	1.27
	N	1,387	724	912	912	1,199	724	1,387	1387
TURKEY	ESTIMATE	25,807	0.09	1.00	58.18	237,724	10.16	25,690	15.86
	(SE)	2,449.77	<0.01	0.07	3.33	21,070.40	0.60	1,589.32	0.98
	N	1,387	197	220	220	1,364	197	1,387	1,387

(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 2009-10 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	3,406	0.23	1.93	93.3	14,874	8.40	1,762	24.59
	(SE)	1,533.84	0.06	0.74	6.67	7,162.27	3.54	452.65	5.56
	N	1,409	15	15	15	1,402	15	61	61
2	ESTIMATE	587	0.31	1.0	60.0	1,889	3.20	587	8.20
	(SE)	352.16	0.14	0.45	0.25	1,237.49	1.72	262.27	3.54
	N	1,409	5	5	5	1,402	5	61	61
3	ESTIMATE	10,689	0.45	5.92	91.67	18,651	13.17	1410	19.67
	(SE)	4,695.81	0.23	2.44	8.33	8,629.46	4.98	405.30	5.13
	N	1,409	12	12	12	1,402	12	61	61
4	ESTIMATE	10,571	0.51	9.0	80.0	13,339	16.14	1,175	16.39
	(SE)	6,611.71	0.22	5.12	13.3	7,739.83	7.69	370.25	4.78
	N	1,409	7	10	10	1,402	7	61	61
5	ESTIMATE	1,292	0.13	1.83	100.0	7,319	15.50	705	9.84
	(SE)	674.11	0.4	0.65	0.00	5,280.07	9.31	287.20	3.85
	N	1,409	4	6	6	1,402	4	61	61
6	ESTIMATE	3,054	0.17	2.0	92.31	16,644	12.82	1,527	21.31
	(SE)	1,034.54	0.07	0.41	7.69	6,837.70	3.77	421.70	5.29
	N	1,409	11	13	13	1,402	11	61	61
STATEWIDE	ESTIMATE	30,102	0.31	3.65	86.15	74,499	11.29	7,613	4.60
	(SE)	8,311.72	0.08	0.96	4.32	16,128.49	1.96	922.66	0.56
	N	1,413	56	65	65	1,404	56	1,413	1,413

Summary of Responses to Opinion Questions for 2009-2010

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	603	56.3
Second most important outdoor activity	302	28.2
Third most important outdoor activity	108	10.1
None of the above	58	5.4
TOTAL	1,071	100.00

n missing = 33

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

Age Category	Frequency	Percent
18-20	23	2.1
21-25	54	4.9
26-30	60	5.4
31-35	90	8.2
36-40	128	11.6
41-45	133	12.1
46-50	139	12.6
51-55	160	14.5
56-60	178	16.1
61-65	129	11.7
> 65	10	0.9
TOTAL	1,104	100.0

n missing = 0

Mean age of hunter = 46.4

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

Gender Category	Frequency	Percent
MALE	1,018	92.6
FEMALE	82	7.4
TOTAL	1,100	100.0

n missing = 4

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

Income Category	Frequency	Percent
Under 10,000	36	3.5
10,000-19,000	62	5.9
20,000-29,000	83	8.0
30,000-39,000	98	9.4
40,000-49,000	117	11.2
50,000-59,000	110	10.5
60,000-69,000	95	9.1
70,000-79,000	62	5.9
80,000-89,000	81	7.8
90,000-99,000	62	5.9
100,000 and above	238	22.8
TOTAL	1,044	100.0

n missing = 60

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

Education Category	Frequency	Percent
Elementary	16	1.5
High School	419	38.0
College	552	50.0
Graduate School	117	10.4
TOTAL	1,104	100.0

n missing = 0

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

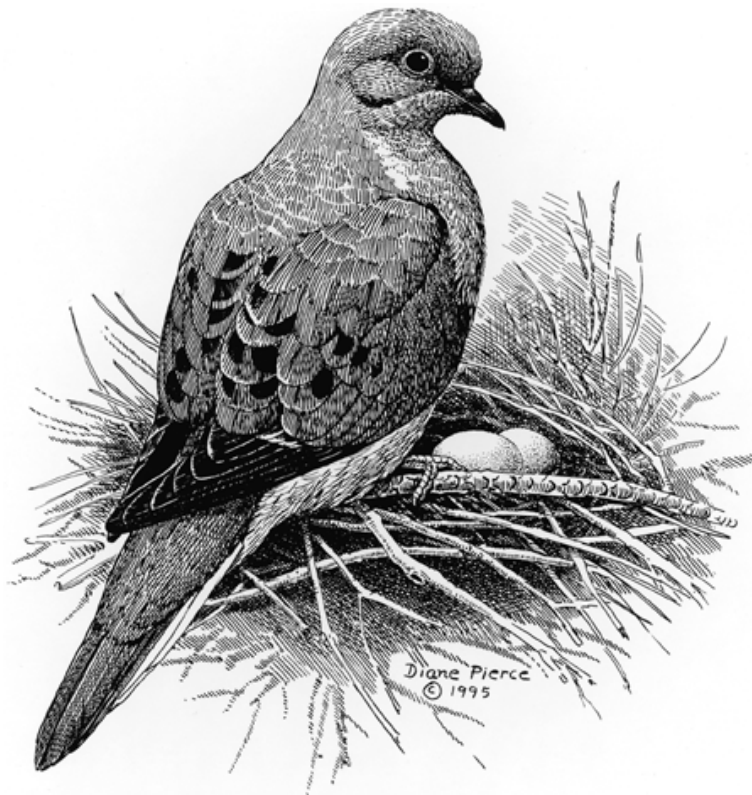
Race Category	Frequency	Percent
WHITE OR ANGLO	1,028	93.5
BLACK OR AFRICAN AMERICAN	60	5.5
LATINO OR HISPANIC	3	0.3
NATIVE AMERICAN OR ALASKAN NATIVE	4	0.4
ASIAN OR PACIFIC ISLANDER	3	0.3
OTHER	1	0.1
TOTAL	1,099	100.0

n missing = 5

Appendix A

Questionnaire: 2009-10 Survey of Mississippi Resident Hunters

2009-10 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

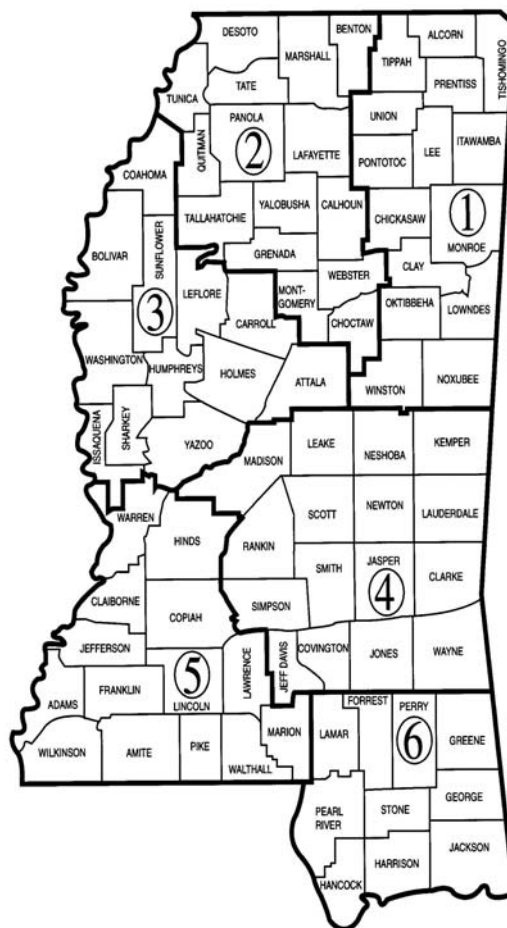
1. For the **2009-2010** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, furbearer, or predatory species taken by you in Mississippi.

Species Sought	Total harvested in Mississippi in 2009-10 season	Days hunted species in Mississippi in 2009-10 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 2007)				
Turkey (Spring 2008)				

	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
7/10

Appendix B

Survey correspondence with hunters for the 2009-10 Survey of Mississippi Resident Hunters

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

September 6, 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 2008-2009 (July 1, 2009 – May 2, 2010) Mississippi hunting season.

You are one of a small number of license holders from the 2009-10 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 2010-11 hunting season will be a safe and successful one.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kevin M. Hunt".

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

September 27, 2010

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

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. The comments of people who have already returned their questionnaires included a wide variety of answers. 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 2009-2010 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 2009-10 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 hunted in 2009-10, please complete the harvest questions.

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 upcoming hunting season.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin M. Hunt".

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

October 25, 2010

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

During the last two months, I have sent you several mailings involving a survey on 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 Mississippi Department of Wildlife, Fisheries, and Parks value your perspective of wildlife management and have funded this study to get your opinion on wildlife management issues currently facing the agency. 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 2009-10 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 did not hunt, please write that on the front cover and send it back to me so I can take your name off of the list. If you should have any questions about this research project, please feel free to contact me at Mississippi State University at (662) 325-4153. For additional information regarding human participation in research, please feel free to contact the MSU Regulatory Compliance Office at (662) 325-3994. Thank you in advance for your cooperation and good luck during the upcoming hunting season.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kevin M. Hunt".

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