

***Non-Resident Hunter Effort & Game Harvest Estimates
for the 2006-2007 Mississippi Hunting Season***

Prepared for the

**DIVISION OF WILDLIFE
MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES & PARKS
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July 2009

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Suggested Citation:

Hunt, K. M., C. P. Hutt, and V. Oquendo. 2009. Non-Resident Hunter Effort & Game Harvest Estimates for the 2006-07 Mississippi Hunting Season. Human Dimensions & Conservation Law Enforcement Laboratory Technical Document #HDCLEL-124. Forest & Wildlife Research Center, Mississippi State, MS. 52 pp.

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INTRODUCTION

The primary purpose of the Mississippi non-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 non-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 1994, 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 by non-residents. 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 2006-07 hunting season was to obtain a reliable set of statewide non-resident effort and harvest estimates for each game species in Mississippi. The secondary objective was to provide district estimates. The third objective was to obtain demographic information from non-respondents. 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 holders of any non-resident hunting license (Types 140, 141, 142, 143, and 144) purchased during the 2006-2007 license year. A random sample of 3,000 license holders was selected to participate in this study from the 34,646 non-resident licenses processed from July 1, 2006 – June 30, 2007.

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 five mail-outs to help increase response rate: 1) A pre-letter informing the individual that they have been selected for a survey of Mississippi hunters, 2) Eight days later an introductory letter, questionnaire (APPENDIX A), and postage-paid business reply envelope (i.e., a complete packet) were sent; 3) Ten days after the second mailing a post card that 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; 4) Twenty-one days after the postcard mailing, a second complete packet was sent to all hunters who had not yet responded, and 5) 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.

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 field per hunter, and the average daily kill. 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 nonresident hunters. There were a total of 996 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2006-07 season (n=790), and those who indicated they “DID NOT HUNT” on their returned survey (n=206). 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 fifteen individuals indicated their refusal to participate and two individuals were reported as being deceased. When non-deliverables (n=413) were excluded from consideration, an effective response rate of 38.8% was obtained.

Statewide expansions were calculated based on the 34,646 non-resident hunting licenses sold and accounted for by June 30, 2006. There were 34,646 individuals licensed to hunt small game and 24,084 of these license holders also were eligible to pursue big game (deer and turkey) in Mississippi during the 2006-2007 hunting season.

The expanded statewide summaries of the non-resident 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 licenses 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 non-resident 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 28-33 summarize non-resident demographic characteristics.

ACKNOWLEDGMENTS

This compilation would not have been possible without the efforts and cooperation of many people. Many present and former MDWFP personnel from all divisions provided direct or indirect assistance. MDWFP personnel deserving special recognition are: Ben Sessums and the print shop crew for producing survey instruments, Curtis Thornhill and his staff for providing license information, and Randy Spencer & Dave Godwin for serving as liaisons between MDWFP and Mississippi State University.

Thanks also go to Susan Baker, Tamika Davis, Kendra Lewis, Molly Mangialardi, Ryan Saxton, Donna Saxton, Charlie Shearer, and Hyman Stovall of the Human Dimensions & Conservation Law Enforcement Laboratory in the Forest & Wildlife Research Center at Mississippi State University for data processing and construction of data tables.

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TABLE 1. EXPANDED STATEWIDE COVERAGE OF THE 2006-07 MISSISSIPPI NONRESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 34,646 SMALL GAME LICENSE HOLDERS AND 24,084 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	68,031	8.08	23.68	97.56	8,171	2.88	2,873	8.3
QUAIL	6,025	3.00	17.20	100.00	1,052	3.33	350	1.0
WOODCOCK	525	0.65	3.75	75.00	806	5.75	140	0.4
RABBIT	7,076	1.16	6.97	93.10	6,002	6.33	1,016	2.9
SQUIRREL	47,362	3.66	21.46	98.41	12,742	5.95	2,207	6.4
RACCOON	701	1.55	4.25	75.00	385	2.75	140	0.4
TOTAL DUCK	109,403	2.83	25.11	97.48	36,958	8.87	4,169	12.0
MALLARD	46,837	1.18	10.49	83.19				
WOOD DUCK	10,650	0.28	2.51	49.58				
OTHER DUCKS	51,916	1.37	12.11	89.92				
GEESE	3,888	0.77	3.33	85.71	3,188	4.33	736	2.1
RED FOX	0	0.00	0.00	0.00	140	4.00	35	0.1
GRAY FOX	0	0.00	0.00	0.00	140	4.00	35	0.1
BOBCAT	420	0.23	2.40	60.00	1,857	10.60	175	0.5
COYOTE	420	0.12	1.20	80.00	3,573	10.20	350	1.0
TOTAL DEER	26,917	0.08	1.81	75.93	268,957	19.99	14,572	60.5
BUCK	12,784	0.04	0.86	56.48				
DOE	14,133	0.04	0.95	52.55				
ARCHERY DEER	2,462	0.05	0.66	45.00	35,034	11.16	3,373	14.0
BUCK	675	0.02	0.19	16.00				
DOE	1,788	0.04	0.47	34.00				
PRIMITIVE DEER	4,824	0.09	0.79	54.49	43,957	8.10	6,004	24.9
BUCK	1,788	0.03	0.29	26.97				
DOE	3,036	0.05	0.50	39.89				
GUN DEER	19,631	0.09	1.41	72.84	186,009	14.78	13,661	56.7
BUCK	10,322	0.04	0.74	52.59				
DOE	9,310	0.04	0.68	44.44				
TOTAL TURKEY	2,361	0.08	0.78	46.67	23,641	8.36	3,036	12.6
SPRING 2007	2,193	0.08	0.76	47.06	16,996	8.53	2,867	11.9
FALL 2006	169	0.15	1.00	40.00	676	5.00	169	0.7
HOG	1,717	0.17	2.13	69.57	9,503	12.32	806	2.3

(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 NONRESIDENTS FOR ALL GAME SPECIES IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	68,031	9,999	14.7	48,032	88,029
QUAIL	6,025	3,169	52.6	-312	12,363
WOODCOCK	525	428	81.4	-330	1,380
RABBIT	7,076	2,064	29.2	2,948	11,205
SQUIRREL	47,362	10,401	22.0	26,560	68,165
RACCOON	701	374	53.3	-46	1,448
TOTAL DUCKS	109,403	12,751	11.7	83,901	134,905
MALLARD	46,837	5,889	12.6	35,060	58,614
WOOD DUCK	10,650	1,938	18.2	6,774	14,525
OTHER DUCKS	51,916	6,986	13.5	37,944	65,889
GEESE	3,888	1,323	34.0	1,243	6,534
RED FOX	0	0	0.0	0	0
GRAY FOX	0	0	0.0	0	0
BOBCAT	420	354	84.1	-287	1,128
COYOTE	420	156	37.2	108	733
TOTAL DEER	26,917	1,408	5.2	24,101	29,734
BUCK	12,784	762	6.0	11,260	14,308
DOE	14,133	945	6.7	12,244	16,023
ARCHERY DEER	2,462	416	16.9	1,631	3,293
BUCK	675	170	25.2	334	1,015
DOE	1,788	329	18.4	1,130	2,446
PRIMITIVE DEER	4,824	501	10.4	3,821	5,826
BUCK	1,788	255	14.3	1,278	2,298
DOE	3,036	368	12.1	2,300	3,771
GUN DEER	19,631	1,097	5.6	17,438	21,825
BUCK	10,322	674	6.5	8,973	11,670
DOE	9,310	717	7.7	7,876	10,744
TOTAL TURKEY	2,361	392	16.6	1,576	3,146
SPRING 2007	2,193	374	17.1	1,444	2,941
FALL 2006	169	122	72.1	-74	412
HOG	1,717	506	29.5	704	2,729

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

TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 2006-07 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	7,484 2,567.33 986	8.52 0.93 14	15.21 3.43 14	92.9 0.07 14	878 263.94 986	1.79 0.26 14	491 130.6 79	17.7 4.32 79
2	ESTIMATE (SE) N	27,161 6,515.21 986	9.91 0.82 29	26.66 4.2 29	100.0 0.00 29	2,740 577.49 986	2.67 0.29 29	1,019 186.52 79	36.7 5.46 79
3	ESTIMATE (SE) N	10,858 3,831.52 986	7.36 1.35 13	23.77 5.45 13	100.0 0.00 13	1,476 458.66 986	3.23 0.48 13	457 125.92 79	16.5 4.2 79
4	ESTIMATE (SE) N	4,813 2,072.69 986	9.13 .9 7	19.57 4.4 7	100.0 0.00 7	527 224.48 986	2.14 0.46 7	246 92.68 79	8.9 3.2 79
5	ESTIMATE (SE) N	7,941 3121.98 986	4.61 1.29 11	20.55 5.47 11	90.9 9.1 11	1,721 694.77 986	4.45 1.26 11	387 115.95 79	13.9 3.92 79
6	ESTIMATE (SE) N	6,290 4,544.55 986	9.42 .9 5	35.8 22.73 5	100.0 0.00 5	668 448.33 986	3.8 2.13 5	176 78.41 79	6.3 2.76 79
STATEWIDE	ESTIMATE (SE) N	68,030 9,999.29 989	8.07 0.64 81	23.68 2.43 82	97.6 1.71 82	8,171 1144.45 988	2.88 0.26 81	2,873 303.94 989	8.3 0.87 989

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 2006-07 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	949 647.64 986	9.0 2.0 14	13.5 1.5 2	100.0 0.00 2	105 78.54 986	1.5 0.5 2	70 49.67 8	25.0 16.4 8
2	ESTIMATE (SE) N	878 466.88 986	1.67 0.67 4	6.25 1.31 4	100.0 0.00 4	527 323.68 986	3.75 1.55 4	141 70.17 8	50.0 18.9 8
3	ESTIMATE (SE) N	0 0.00 986	- - -	- - -	- - -	0 0.00 986	- - -	0 0.00 8	0.0 0.00 8
4	ESTIMATE (SE) N	0 0.00 986	- - -	- - -	- - -	0 0.00 986	- - -	0 0.00 8	0 0.00 8
5	ESTIMATE (SE) N	0 0.00 986	- - -	- - -	- - -	0 0.00 986	- - -	0 0.00 8	0 0.00 8
6	ESTIMATE (SE) N	281 204.8 986	0.89 0.91 2	4.00 1.00 2	100.0 0.00 2	316 283.26 986	4.5 3.5 2	70 49.67 8	6.3 2.76 8
STATEWIDE	ESTIMATE (SE) N	6,025 3,168.81 989	3.00 1.32 9	17.2 7.63 10	100.0 0 10	1,052 448.05 988	3.33 0.94 9	350 110.27 989	1.0 0.32 989

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 2006-07 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 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 3	0.0 0.00 3
2	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 3	0.0 0.00 3
3	ESTIMATE (SE) N	0 0.00 987	0.0 0.00 987	0.0 0.0 987	0.0 0.0 987	70 70.2 987	2 2 1	35 35.1 3	33.3 33.3 3
4	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 3	0.0 0.00 3
5	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 3	0.0 0.00 3
6	ESTIMATE (SE) N	105 78.46 987	0.33 0.15 2	1.5 .5 2	100.0 0.00 2	316 282.97 987	4.5 3.5 2	70 49.62 3	66.7 33.3 3
STATEWIDE	ESTIMATE	525	0.65	3.75	75.0	805	5.75	140	0.4
	(SE)	427.5	0.27	2.78	25.0	510.88	2.59	69.96	0.20
	N	989	4	4	4	989	4	989	989

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 2006-07 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	809 483.61 984	2.09 0.52 3	7.67 1.45 3	100.0 0.00 3	388 230.90 983	3.67 0.67 3	106 60.92 25	12.0 6.63 25
2	ESTIMATE (SE) N	951 638.24 984	1.04 0.47 4	6.75 3.50 4	75.0 25.0 4	916 480.03 983	6.5 1.19 4	141 70.17 25	16.0 7.48 25
3	ESTIMATE (SE) N	1,408 1,408.37 984	5.0 1 2.57	40.0 18.0 18.0	100.0 100.0 100.0	282 281.96 983	8.0 1 7.0	35 35.21 35	4.0 4.00 4.00
4	ESTIMATE (SE) N	634 633.77 984	1 1 1	1 1 1	1 1 1	247 246.72 983	7.0 246.72 983	35 35.21 25	4.0 4.00 25
5	ESTIMATE (SE) N	2,253 888.28 984	0.71 0.39 14	4.27 1.32 15	93.3 6.67 15	3,137 1,572.65 983	6.36 2.80 14	528 135.39 25	60.0 10.00 25
6	ESTIMATE (SE) N	70 70.42 984	0.33 1 1	2.00 1 1	100.0 1 1	211.47 211.47 983	6.0 1 1	35 35.21 25	4.0 4.00 25
STATEWIDE	ESTIMATE (SE) N	7,076 2,064.25 989	1.16 0.36 27	6.97 1.61 29	93.1 4.79 29	6,003 1,796.07 987	6.33 1.49 27	1,015 185.96 989	2.9 0.54 989

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 2006-07 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	317 317.21 983	1.13 1 2.63	9.00 1 5.25	100.0 1 100.0	283 282.54 981	8.00 1 2.00	35 35.24 58	1.7 1.72 58
2	ESTIMATE (SE) N	740 377.42 983	0.31 0.31 4	0.63 0.63 4	0.00 0.00 4	141.05 141.05 981	0.00 0.00 4	141 70.38 58	6.9 3.36 58
3	ESTIMATE (SE) N	14,133 8,051.07 983	5.51 0.95 6	57.29 26.42 7	100.0 0.00 7	2,508 1,232.10 981	11.83 3.56 6	247 92.97 58	12.1 4.31 58
4	ESTIMATE (SE) N	1,833 910.89 983	3.06 0.63 5	10.40 2.54 5	100.0 0.00 5	600 305.41 981	3.40 0.93 5	176 78.65 58	8.6 3.72 58
5	ESTIMATE (SE) N	27,914 6,596.36 983	3.71 0.28 37	20.84 3.69 38	100.0 0.00 38	7,416 1,623.51 981	5.68 0.85 37	1,339 213.13 58	65.5 6.30 58
6	ESTIMATE (SE) N	1,410 862.59 983	3.08 1.08 3	13.33 3.33 3	100.0 0.00 3	459 275.59 981	4.33 0.88 3	106 60.98 58	5.2 2.93 58
STATEWIDE	ESTIMATE (SE) N	47,362 10,401.24 989	3.66 0.38 61	21.46 3.95 63	98.4 1.59 63	12,742 2,174.47 987	5.95 0.70 61	2,207 269.19 989	6.4 0.78 989

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2006-07 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	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	986	-	-	-	986	-	2	2
2	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	986	-	-	-	986	-	2	2
3	ESTIMATE	281	1.25	2.50	50.0	141	2.00	70	100.0
	(SE)	204.80	1.25	2.50	50.0	99.33	0.00	49.67	0.00
	N	986	2	2	2	986	2	2	2
4	ESTIMATE	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	986	-	-	-	986	-	2	2
5	ESTIMATE	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	986	-	-	-	986	-	2	2
6	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	986	-	-	-	986	-	2	2
STATEWIDE	ESTIMATE	701	1.55	4.25	75.0	385	2.75	140	0.4
	(SE)	373.56	0.39	1.65	25.0	212.84	0.75	69.96	0.20
	N	989	4	4	4	989	4	989	989

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCK HUNTING IN MISSISSIPPI DURING THE 2005-06 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	5,306 2,911.75 986	1.64 0.30 6	25.17 10.14 6	100.0 0.00 6	3,233 2,025.48 986	15.33 7.99 6	211 85.85 116	5.1 2.07 116
2	ESTIMATE (SE) N	37,808 7,468.08 986	2.64 0.21 40	25.85 3.38 40	95.0 3.49 40	13,774 2,752.53 986	9.80 1.25 40	1,406 217.79 116	34.5 4.43 116
3	ESTIMATE (SE) N	53,796 9,288.69 986	3.42 0.22 58	25.95 3.15 58	98.3 1.72 58	15,461 2,783.67 986	7.59 0.97 58	2,038 259.74 116	50.0 4.66 116
4	ESTIMATE (SE) N	281 198.67 986	1.00 0.25 2	4.00 0.00 2	100.0 0.00 2	281 204.80 986	4.00 1.00 2	70 49.67 116	1.72 1.21 116
5	ESTIMATE (SE) N	3,549 1,695.02 986	2.35 0.44 8	12.63 4.35 8	100.0 0.00 8	1,511 653.11 986	5.38 1.44 8	281 99.03 116	6.9 2.36 116
6	ESTIMATE (SE) N	2,670 2,181.40 986	1.55 0.93 2	38.00 22.00 2	100.0 0.00 2	1,722 1,217.10 986	24.50 0.50 2	70 49.67 116	1.72 1.21 116
STATEWIDE	ESTIMATE (SE) N	109,403 12,750.99 989	2.83 0.16 119	25.11 2.13 119	97.5 1.44 119	36,958 4,593.91 989	8.87 0.80 119	4,169 358.60 989	12.0 1.04 989

TABLE 10. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF MALLARD HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

MALLARDS					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE (SE) N	1,897 985.02 986	0.59 0.15 6	9.00 3.17 6	83.3 16.7 6
2	ESTIMATE (SE) N	16,515 3,503.95 986	1.09 0.14 40	10.70 1.56 40	85.0 5.72 40
3	ESTIMATE (SE) N	24,105 4,207.36 986	1.51 0.13 58	11.48 1.44 58	93.1 3.36 58
4	ESTIMATE (SE) N	0 0.00 986	0.00 0.00 2	0.00 0.00 2	0.0 0.00 2
5	ESTIMATE (SE) N	1,406 759.22 986	0.93 0.23 8	5.00 2.19 8	62.5 18.30 8
6	ESTIMATE (SE) N	0 0.0 986	0.00 0.00 2	0.00 0.00 2	0.0 0.00 2
STATEWIDE	ESTIMATE (SE) N	46,837 5,888.61 989	1.18 0.10 119	10.49 1.02 119	83.2 3.44 119

TABLE 11. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOOD DUCK HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

WOOD DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	914	0.28	4.33	50.0
	(SE)	539.29	0.08	2.03	22.36
	N	986	6	6	6
2	ESTIMATE	3,198	0.23	2.28	45.0
	(SE)	1,065.52	0.07	0.68	7.97
	N	986	40	40	40
3	ESTIMATE	4,181	0.27	2.05	44.8
	(SE)	1,336.21	0.08	0.61	6.59
	N	986	58	58	58
4	ESTIMATE	176	0.63	2.5	100.0
	(SE)	126.63	0.03	0.50	0.00
	N	986	2	2	2
5	ESTIMATE	949	0.63	3.38	87.5
	(SE)	410.38	0.22	0.91	12.5
	N	986	8	8	8
6	ESTIMATE	527	0.31	7.50	50.0
	(SE)	527.07	0.30	7.50	50.00
	N	986	2	2	2
STATEWIDE	ESTIMATE	10,650	0.28	2.51	49.6
	(SE)	1,937.73	0.4	0.41	4.60
	N	989	119	119	119

TABLE 12. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF OTHER DUCK HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

OTHER DUCKS					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	2,495	0.77	4.33	50.0
	(SE)	1,505.51	0.19	2.03	22.36
	N	986	6	6	6
2	ESTIMATE	18,096	1.31	12.88	87.5
	(SE)	4,192.54	0.16	2.24	5.30
	N	986	40	40	40
3	ESTIMATE	25,510	1.64	12.41	93.1
	(SE)	4,961.50	0.15	1.86	3.36
	N	986	58	58	58
4	ESTIMATE	105	0.38	1.50	100.0
	(SE)	78.54	0.22	0.50	0.00
	N	986	2	2	2
5	ESTIMATE	1,195	0.79	4.25	62.5
	(SE)	665.95	0.22	1.96	18.30
	N	986	8	8	8
6	ESTIMATE	2,143	1.24	30.5	100.0
	(SE)	2,108.53	1.23	29.5	0.00
	N	986	2	2	2
STATEWIDE	ESTIMATE	51,916	1.37	12.11	89.9
	(SE)	6,986.40	0.11	1.31	2.77
	N	989	119	119	119

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 2006-07 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	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	988	-	-	-	988	-	21	21
2	ESTIMATE	1,368	0.97	4.75	87.5	1,368	4.88	281	38.1
	(SE)	632.94	0.41	1.61	12.50	567.31	1.14	98.83	10.9
	N	988	8	8	8	988	8	21	21
3	ESTIMATE	1,122	0.62	2.46	84.6	1,823	4.00	456	61.9
	(SE)	366.23	0.21	0.45	10.41	711.50	1.15	125.66	10.86
	N	988	13	13	13	988	13	21	21
4	ESTIMATE	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	988	-	-	-	988	-	21	21
5	ESTIMATE	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	988	-	-	-	988	-	21	21
6	ESTIMATE	0	-	-	-	0	-	0	0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	988	-	-	-	988	-	21	21
STATEWIDE	ESTIMATE	3,888	0.77	3.33	85.7	3,188	4.33	736	2.1
	(SE)	1,322.86	0.21	0.69	7.83	906.29	0.82	158.90	0.46
	N	989	21	21	21	989	21	989	989

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 2006-07 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 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	- - -	- - -
2	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	- - -	- - -
3	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	- - -	- - -
4	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	- - -	- - -
5	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	- - -	- - -
6	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	- - -	- - -
STATEWIDE	ESTIMATE (SE) N	0 0.00 989	0.00 0.00 1	0.00 0.00 1	0.0 0.00 1	140 140.13 989	4.00 0.00 1	35 35.03 989	0.1 0.10 989

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 2006-07 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	0	-	-	-	0	-	-	-
	(SE)	0.0	-	-	-	0.00	-	-	-
	N	987	-	-	-	987	-	-	-
2	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0.00	-	-	-	0.00	-	-	-
	N	987	-	-	-	987	-	-	-
3	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0.00	-	-	-	0.00	-	-	-
	N	987	-	-	-	987	-	-	-
4	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0.00	-	-	-	0.00	-	-	-
	N	987	-	-	-	987	-	-	-
5	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0.00	-	-	-	0.00	-	-	-
	N	987	-	-	-	987	-	-	-
6	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0.00	-	-	-	0.00	-	-	-
	N	987	-	-	-	987	-	-	-
STATEWIDE	ESTIMATE	0	0.00	0.00	0.00	140	4.00	35	0.1
	(SE)	0.00	0.00	0.00	0.00	140.13	0.00	35.03	0.10
	N	989	1	1	1	989	1	989	989

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT IN MISSISSIPPI DURING THE 2006-07 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 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 4	0.0 0.00 4
2	ESTIMATE (SE) N	0 0.00 987	0.00 0.00 1	0.00 0.00 1	0.0 0.0 1	175 175.51 987	5.00 35.10 1	35 35.10 4	25.0 25.00 4
3	ESTIMATE (SE) N	0 0.00 987	0.00 0.00 1	0.00 0.00 1	0.0 0.0 1	140 140.41 987	4.00 35.10 1	35 35.10 4	25.0 25.00 4
4	ESTIMATE (SE) N	35 35.10 987	0.33 0.25 1	1.00 10.00 1	100.0 100.0 1	105 105.31 987	3.00 40.00 1	35 35.10 4	25.0 25.00 4
5	ESTIMATE (SE) N	351 351.02 987	0.25 1 1	10.00 2.40 1	100.0 60.0 1	1,404 1,404.09 987	40.00 10.60 1	35 35.10 4	25.0 25.00 4
6	ESTIMATE (SE) N	0 0.00 987	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 4	0.0 0.00 4
STATEWIDE	ESTIMATE (SE) N	420 35.73 989	0.23 0.04 5	2.40 1.91 5	60.0 24.50 5	1,857 1,422.91 989	10.60 7.38 5	175 78.17 989	0.5 0.2 989

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING DURING THE 2006-07 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	35	.25	1.00	100.0	140	4.00	35	11.1
	(SE)	35.10				140.41		35.10	11.11
	N	987	1	1	1	987	1	9	9
2	ESTIMATE	0	0.00	0.00	0.00	175	5.00	35	11.1
	(SE)	0.00				175.51		35.10	11.11
	N	987	1	1	1	987	1	9	9
3	ESTIMATE	105	0.18	1.50	100.0	597	8.50	70	22.2
	(SE)	78.46	0.13	0.50	0.00	456.17	3.50	49.62	14.7
	N	987	2	2	2	987	2	9	9
4	ESTIMATE	105	0.55	1.00	66.7	1,931	18.33	105	33.3
	(SE)	78.46	0.01	0.58	33.33	1,276.91	7.26	60.73	16.67
	N	987	3	3	3	987	3	9	9
5	ESTIMATE	140	0.24	2.00	100.0	597	8.50	70	22.2
	(SE)	99.23	0.18	0.00	0.00	531.12	6.50	49.62	14.70
	N	987	2	2	2	987	2	9	9
6	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	987	-	-	-	987	-	9	9
STATEWIDE	ESTIMATE	420	0.12	1.20	80.0	3,573	10.20	350	1.0
	(SE)	156.17	0.03	0.25	13.33	1,474.35	2.87	110.27	0.32
	N	989	10	10	10	989	10	989	989

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 2006-07 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 0.00 720	0.00 0.00 6	0.00 0.00 6	0.0 0.00 6	1,656 714.93 698	8.00 1.26 6	206 83.74 88	6.8 2.70 88
2	ESTIMATE (SE) N	34 34.31 702	0.05 0.048 4	0.25 0.25 4	25.0 25.00 4	759 421.91 698	5.50 1.55 4	137 68.47 88	4.5 2.23 88
3	ESTIMATE (SE) N	172 113.68 702	0.10 0.03 6	0.83 0.48 6	50.0 22.36 6	1,794 1,093.06 698	8.67 4.30 6	206 83.74 88	6.8 2.70 88
4	ESTIMATE (SE) N	172 113.68 702	0.03 0.03 5	0.33 0.21 6	33.3 0.21 6	1,380 693.77 698	8.00 2.07 5	206 83.74 88	6.8 2.70 88
5	ESTIMATE (SE) N	1,681 332.12 702	5.44 0.94 62	0.69 0.11 65	49.2 6.25 100.0	24,084 4,094.86 518	11.26 1.35 15.00	2,230 263.67 34	72.4 4.71 1.1
6	ESTIMATE (SE) N	172 171.54 702	0.33 1 1	5.00 1 1	100.0 1 1	517.56 698		34.31 88	1.14 88
STATEWIDE	ESTIMATE (SE) N	2,462 415.52 714	0.05 <0.01 92	0.66 0.10 100	45.0 5.00 100	35,034 5,027.96 706	11.16 1.18 92	3,373 313.02 714	14.0 1.30 714

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2006-07 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	0 0.00 702	0.00 0.00 6	0.00 0.00 6	0.0 0.00 6	0 0.00 702	0.00 0.00 6	0.00 0.00 6	0.0 0.00 6
2	ESTIMATE (SE) N	34 34.31 702	0.05 0.05 4	0.25 0.25 4	25.0 25.00 4	0 0.00 702	0.00 0.00 4	0.00 0.00 4	0.0 0.00 4
3	ESTIMATE (SE) N	34 34.31 702	0.02 0.01 6	16.7 16.67 6	11.1 0.08 18	137 83.94 702	0.08 0.03 6	0.67 0.33 6	50.0 0.22 6
4	ESTIMATE (SE) N	34 34.31 702	0.00 0.00 5	0.17 0.17 6	16.7 16.67 6	137 108.44 702	0.03 0.03 5	0.17 0.17 6	16.7 16.67 6
5	ESTIMATE (SE) N	480 144.52 702	0.02 0.01 62	0.20 0.06 65	16.9 4.69 65	1,201 264.28 702	0.04 0.01 62	0.49 0.09 65	36.9 6.03 65
6	ESTIMATE (SE) N	69 68.62 702	0.13 1 1	2.00 1 1	100.0 1 1	103 102.92 702	0.20 1 1	3.00 1 1	100.0 100.0 1
STATEWIDE	ESTIMATE (SE) N	675 170.25 714	0.02 <0.01 92	0.19 0.05 100	16.0 3.69 100	1,788 329.11 714	0.04 <0.01 92	0.47 0.08 100	34.0 4.76 100

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMATIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 2006-07 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	34 34.45 699	0.03 0.03 6	0.17 0.17 6	16.7 16.67 6	1,379 774.39 681	6.50 2.75 6	207 84.09 163	3.7 1.48 163
2	ESTIMATE (SE) N	103 77.00 699	0.04 0.01 9	0.33 0.24 9	22.2 14.79 9	2,723 1,648.01 681	8.56 4.59 9	310 102.77 163	5.5 1.79 163
3	ESTIMATE (SE) N	379 157.35 699	0.13 0.04 10	0.92 0.29 12	58.3 14.87 12	2,157 771.78 681	6.10 1.10 10	413 118.41 163	7.4 2.05 163
4	ESTIMATE (SE) N	517 184.65 699	0.14 0.03 8	1.44 0.34 9	88.9 11.11 9	3,112 1,289.07 681	11.00 2.57 8	310 102.77 163	5.5 1.79 163
5	ESTIMATE (SE) N	3,480 442.10 699	0.09 0.01 103	0.86 0.08 118	57.6 4.57 118	29,460 3,578.25 681	8.09 0.65 103	4,066 341.47 163	72.4 3.51 163
6	ESTIMATE (SE) N	103 59.59 699	0.04 0.01 9	0.33 0.17 9	33.3 16.67 9	2,971 1,274.90 681	9.33 2.70 9	310 102.77 163	5.5 1.79 163
STATEWIDE	ESTIMATE (SE) N	4,824 501.07 714	0.09 0.01 156	0.79 0.07 178	54.5 3.74 178	43,957 4,397.50 692	8.10 0.58 156	6,004 390.19 714	24.9 1.62 714

TABLE 21. EXPANDED STATEWIDE AND DISTRICT OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2006-07 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	34 34.45 699	0.03 0.03 6	0.17 0.17 6	16.7 16.67 6	0 0.00 699	0.00 0.00 6	0.00 0.00 6	0.0 0.00 6
2	ESTIMATE (SE) N	69 48.69 699	0.03 0.01 9	0.22 0.15 9	22.2 14.70 9	34 34.45 699	0.01 0.01 9	0.11 0.11 9	11.1 11.11 9
3	ESTIMATE (SE) N	241 103.04 699	0.08 0.03 10	0.58 0.19 12	50.0 15.08 12	138 68.76 699	0.05 0.02 10	0.33 0.14 12	33.3 14.21 18
4	ESTIMATE (SE) N	69 48.69 699	0.01 0.01 8	0.11 0.11 9	11.1 11.11 9	448 164.49 699	0.13 0.03 8	1.33 0.29 9	88.9 11.11 9
5	ESTIMATE (SE) N	1,275 220.89 699	0.04 0.01 103	0.31 0.05 118	28.8 4.19 118	2,205 323.70 699	0.06 0.01 103	0.54 0.07 118	42.4 4.57 118
6	ESTIMATE (SE) N	34 34.45 699	0.01 0.01 9	0.11 0.11 9	11.1 11.11 9	69 48.69 699	0.02 0.02 9	0.22 0.15 9	22.2 14.70 9
STATEWIDE		ESTIMATE (SE) N	1,789 254.99 714	0.03 <0.01 156	0.29 0.04 178	30.0 3.34 178	0.05 0.01 156	0.50 0.05 178	39.9 3.68 178

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI DURING THE 2006-07 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	871 269.52 664	0.13 0.04 20	1.15 0.27 20	65.0 0.11 20	6,688 1,804.33 623	8.65 1.38 20	725 159.87 355	5.6 1.22 355
2	ESTIMATE (SE) N	1,269 334.96 664	0.11 0.03 23	1.25 0.24 28	64.3 9.22 28	9,781 2,722.64 623	10.54 2.08 24	1,016 187.98 355	7.8 1.43 355
3	ESTIMATE (SE) N	1,415 322.03 664	0.09 0.01 27	1.18 0.18 33	69.7 8.12 33	11,520 2,686.45 623	11.04 1.54 27	1,197 203.27 355	9.3 1.54 355
4	ESTIMATE (SE) N	2,358 509.00 664	0.10 0.03 33	1.49 0.25 39	74.4 0.07 39	17,164 3,845.16 623	13.45 1.99 33	1,415 219.93 355	11.0 1.66 355
5	ESTIMATE (SE) N	11,244 919.20 664	0.08 0.01 198	1.39 0.09 222	73.0 0.03 222	129,621 9,410.07 623	16.93 0.72 198	8,052 441.26 355	62.5 2.57 355
6	ESTIMATE (SE) N	508 204.39 699	0.08 0.02 12	1.08 0.33 13	53.8 14.39 13	6,224 2,009.38 623	13.42 2.09 12	472 129.59 355	3.7 1.00 355
STATEWIDE	ESTIMATE (SE) N	19,632 1,096.69 714	0.09 <0.01 338	1.41 0.07 405	72.8 2.21 405	186,009 9,876.97 647	14.78 0.55 338	13,661 446.82 714	56.7 1.86 714

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2006-07 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	435 144.21 664	0.06 0.02 20	0.55 0.15 20	45.0 11.41 20	435 169.41 664	0.07 0.02 20	0.60 0.20 20	40.0 11.24 20
2	ESTIMATE (SE) N	653 190.39 664	0.06 0.02 24	0.64 0.15 28	50.0 9.62 28	617 225.42 664	0.05 0.02 24	0.61 0.19 28	35.7 9.22 28
3	ESTIMATE (SE) N	798 221.60 664	0.06 0.01 27	0.67 0.15 33	45.5 8.80 33	617 187.09 664	0.03 0.01 27	0.52 0.13 33	39.4 8.64 33
4	ESTIMATE (SE) N	1,233 277.06 664	0.06 0.01 33	0.74 0.13 39	53.8 8.09 39	1,124 319.66 664	0.04 0.01 33	0.74 0.20 39	46.2 8.09 39
5	ESTIMATE (SE) N	5,985 562.33 664	0.04 <0.01 198	0.73 0.06 222	52.3 0.03 222	5,259 556.84 664	0.04 <0.01 198	0.65 0.06 222	45.0 0.03 222
6	ESTIMATE (SE) N	254 108.45 664	0.04 0.01 12	0.54 0.18 13	46.2 14.39 13	254 119.98 664	0.04 0.02 12	0.53 0.22 13	38.5 14.04 13
STATEWIDE	ESTIMATE (SE) N	10,322 674.13 714	0.04 <0.01 338	0.74 0.04 405	52.6 2.48 405	9,310 717.09 714	0.04 <0.01 338	0.68 0.05 405	44.4 2.47 405

TABLE 24. EXPANDED STATEWIDE AD DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 2006-07 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	68	0.05	0.29	28.6	1,473	6.14	239	9.2
	(SE)	48.28	0.03	0.18	18.44	561.63	0.40	89.99	3.34
	N	705	7	7	7	703	7	76	76
2	ESTIMATE	239	0.16	1.00	71.4	1,507	6.29	239	9.2
	(SE)	122.93	0.05	0.38	18.44	627.72	1.21	89.99	3.34
	N	705	7	7	7	703	7	76	46
3	ESTIMATE	68	0.11	0.40	20.0	617	3.60	171	6.6
	(SE)	68.32	0.11	0.40	20.00	294.00	0.68	76.17	2.86
	N	705	5	5	5	703	5	76	76
4	ESTIMATE	102	0.04	0.75	75.0	2,330	17.00	137	5.3
	(SE)	59.09	0.02	0.25	25.00	1,503.56	8.03	68.18	2.58
	N	705	4	4	4	703	4	76	76
5	ESTIMATE	1,332	0.09	0.81	47.9	15,108	9.38	1,640	63.2
	(SE)	303.55	0.01	0.15	7.28	2,742.31	1.08	228.64	5.57
	N	705	47	48	48	703	47	76	76
6	ESTIMATE	102	0.04	0.60	40.0	925	6.75	171	6.6
	(SE)	76.34	0.03	0.40	24.50	552.76	2.56	76.17	2.86
	N	705	4	5	5	703	4	76	76
STATEWIDE	ESTIMATE	2,193	0.08	0.76	47.1	16,996	8.53	2,867	11.9
	(SE)	374.48	0.01	0.11	5.45	2,399.45	0.81	292.09	1.21
	N	714	79	85	85	982	79	714	714

TABLE 25. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 2006-07 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
3	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.0
	N	714	-	-	-	713	-	5	5
5	ESTIMATE	169	0.15	1.00	40.0	676	5.00	169	100.0
	(SE)	121.54	0.14	0.63	24.50	384.57	1.58	75.21	0.00
	N	714	4	5	5	713	4	5	5
STATEWIDE	ESTIMATE	169	0.15	1.00	40.0	676	5.00	169	0.7
	(SE)	121.54	0.14	0.63	24.50	384.57	1.58	75.21	0.31
	N	714	4	5	5	713	4	714	714

(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 '06 AND SPRING '07) HUNTING IN MISSISSIPPI DURING THE 2006-07 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	26,917	0.08	1.81	75.9	268,957	19.99	14,571	60.5
	(SE)	1,408.07	<0.01	0.08	2.06	14,670.53	0.83	440.91	1.83
BUCK	N	714	357	432	432	639	357	714	714
	ESTIMATE	12,784	0.04	0.86	56.5	268,957	19.99	14,571	60.5
DOE	(SE)	762.16	<0.01	0.45	2.38	14,670.53	0.83	440.91	1.83
	N	714	357	432	432	639	357	714	714
TURKEY	ESTIMATE	14,133	0.04	0.95	52.5	268,957	19.99	14,571	60.5
	(SE)	944.60	<0.01	0.06	2.41	14,670.53	0.83	440.91	1.83
	N	714	357	432	432	639	357	714	714
	ESTIMATE	2,361	0.08	0.78	46.7	23,641	8.39	3,036	12.6
	(SE)	392.39	0.01	0.10	5.29	3,280.14	0.77	299.36	1.24
	N	714	83	90	90	707	85	714	714

(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 2006-07 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	105 105.20 988	0.60 1	3.00 1	100.0 1	176 175.51 987	5.00 1	35 35.07 23	4.3 4.35 23
2	ESTIMATE (SE) N	70 49.57 988	0.14 0.08 3	0.67 0.33 3	66.7 33.33 3	491 284.89 987	4.67 0.33 3	105 60.68 23	13.0 7.18 23
3	ESTIMATE (SE) N	175 175.33 988	0.31 0.18 3	1.67 1.67 3	33.3 33.33 3	562 384.31 987	5.33 2.40 3	105 60.68 23	13.0 7.18 23
4	ESTIMATE (SE) N	0 0.00 988	0.00 1	0.00 1	0.0 1	1,053 1,053.07 987	30.00 1	35 35.07 23	4.35 4.35 23
5	ESTIMATE (SE) N	1,368 462.08 988	0.18 0.05 14	2.60 0.59 15	80.0 10.69 15	7,231 2,297.35 987	14.71 2.66 14	526 134.85 23	65.21 10.15 23
6	ESTIMATE (SE) N	0 0.00 988	- - -	- - -	- - -	0 0.00 987	- - -	0 0.00 23	0.0 0.00 23
STATEWIDE	ESTIMATE (SE) N	1,717 506.18 989	0.17 0.05 22	2.13 0.46 23	69.6 9.81 23	9,503 2,568.29 988	12.32 2.13 22	806 166.12 989	2.3 0.48 989

Summary of Responses to Opinion Questions for 2006-2007

Table 28. Percent of respondents by their age category (Q25)

Age Category	Frequency	Percent
18-20	5	0.7
21-25	16	2.1
26-30	32	4.3
31-35	62	8.3
36-40	71	10.0
41-45	84	11.2
46-50	106	14.3
51-55	107	14.3
56-60	121	16.2
61-65	66	8.8
66-70	47	6.3
>71	25	3.4
TOTAL	745	100.0

n missing = 45

Mean age of hunter = 49.4

Table 29. Percent of respondents by their gender category (Q26)

Gender Category	Frequency	Percent
MALE	717	95.7
FEMALE	32	4.3
TOTAL	749	100.0

n missing = 41

Table 30. Percent of respondents by their approximate annual household income category before taxes (Q28)

Income Category	Frequency	Percent
Under 10,000	7	1.0
10,000-19,000	7	1.0
20,000-29,000	23	3.3
30,000-39,000	33	4.7
40,000-49,000	61	8.7
50,000-59,000	66	9.5
60,000-69,000	56	8.0
70,000-79,000	49	7.0
80,000-89,000	51	7.3
90,000-99,000	40	5.7
100,000 and above	305	43.7
TOTAL	698	100.0

n missing = 92

Table 31. Percent of respondents by their highest completed level of education (Q29)

Education Category	Frequency	Percent
Elementary	8	1.1
High School	247	32.1
College	618	49.8
Graduate School	127	17.1
TOTAL	745	100.0

n missing = 45

Table 32. Percent of respondents by their race (Q30)

Race Category	Frequency	Percent
WHITE OR ANGLO	729	97.5
BLACK OR AFRICAN AMERICAN	11	1.5
LATINO OR HISPANIC	1	0.1
NATIVE AMERICAN OR ALASKAN NATIVE	1	0.1
ASIAN OR PACIFIC ISLANDER	1	0.1
OTHER	5	0.7
TOTAL	748	100.0

n missing = 42

Appendix A

Questionnaire: 2006-07 Survey of Mississippi Non-Resident Hunters

Survey of Mississippi Resident & Nonresident Hunters

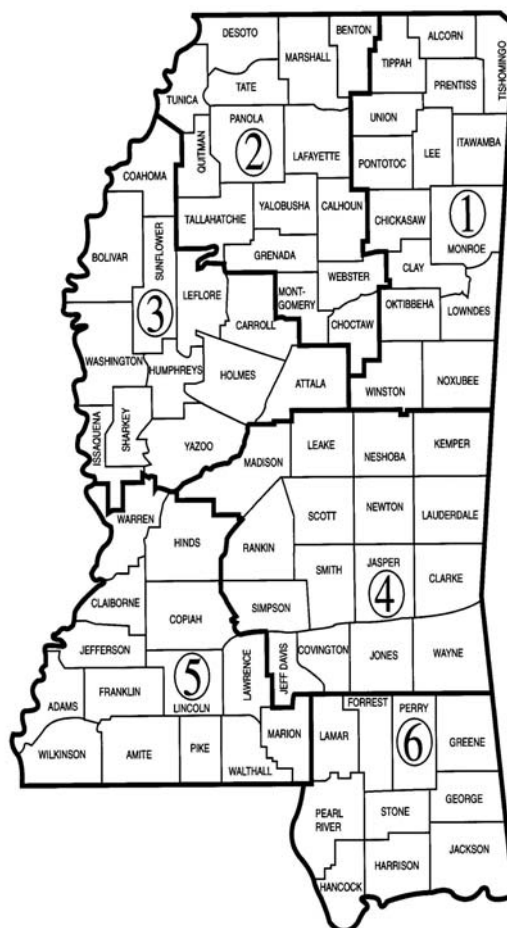


Conducted for the
Mississippi Department of Wildlife, Fisheries & Parks
by the
Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Mississippi State University

1. For the **2007-2008** 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 2007-08 season	Days hunted species in Mississippi in 2007-08 season	District Hunted Most
Dove			
Quail			
Woodcock			
Rabbit			
Squirrel			
Raccoon			

***DETERMINE DISTRICT (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					

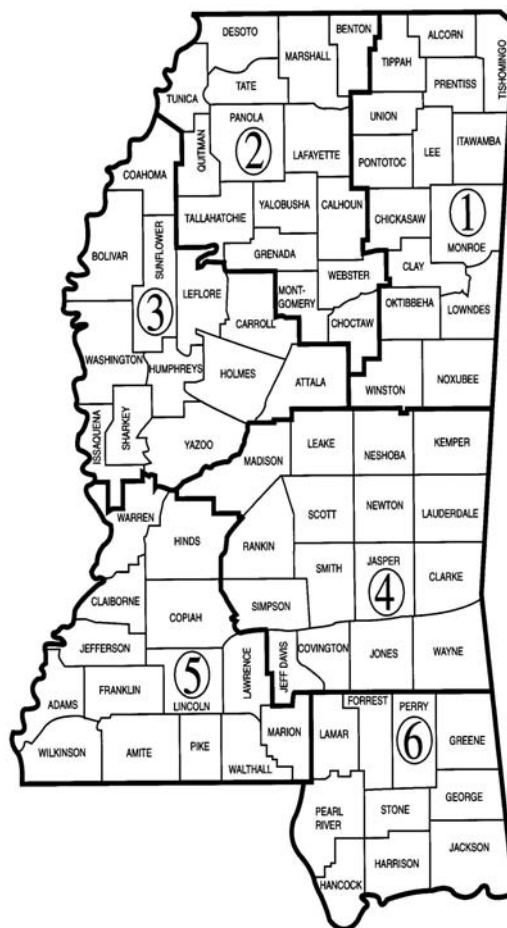
2. For the **2006-2007** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, furbearer, or predatory species taken by you in Mississippi.

Species Sought	Total harvested in Mississippi in 2006-07 season	Days hunted species in Mississippi in 2006-07 season	District Hunted Most
Dove			
Quail			
Woodcock			
Rabbit			
Squirrel			
Raccoon			

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

	Bucks Does			
Deer (Archery)				
Deer (Primitive Weapon)				
Deer (Gun)				
Turkey (Fall 2006)				
Turkey (Spring 2007)				

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



This section of the survey relates to the Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP). The questions asked are about the agency as a whole. The information you provide will remain strictly confidential and you will not be identified with your answers.

Questions #3-9 pertain to your overall perception, satisfaction, and knowledge of the Mississippi Department of Wildlife, Fisheries, and Parks website.

3. Have you ever visited the MDWFP website?

- 1 YES
2 NO – (If NO, please go to Question #10 on Page 4)

4. If YES, how many days have you visited the MDWFP website in the **past 12 months**?

_____ DAYS

5. Which of the following sections of the MDWFP website do you regularly seek?
(Please check all that apply)

- ☐ a) Fishing and Boating
☐ b) Parks and Destinations
☐ c) Wildlife and Hunting
☐ d) License and Law Enforcement

☐ e) Mississippi Museum of Natural Science
☐ f) Press Releases
☐ g) Public Notices
☐ h) Other (Please Specify:_____)

6. Out of your responses in **Question #5 (a-h)**, which section of the MDWFP website do you explore the most? (Please circle only one)

a b c d e f g h

7. How satisfied are you with the following characteristics of the MDWFP website?

	Not at all Satisfied	Slightly Satisfied	Moderately Satisfied	Very Satisfied	Extremely Satisfied
a) Visual appeal	1	2	3	4	5
b) Ability to find information you need	1	2	3	4	5
c) Ease of use	1	2	3	4	5
d) Readability	1	2	3	4	5

8. Have you ever voted on the MDWFP opinion polls?

- 1 YES
- 2 NO

9. Have you ever participated in any of the following interactive forums available on the MDWFP website?

- | | | |
|------------------------|-----|----|
| a) Hunting | YES | NO |
| b) Fishing | YES | NO |
| c) Shooting | YES | NO |
| d) Non-game activities | YES | NO |

Question #10 pertains to your overall perception and knowledge of publications and media productions provided by the Mississippi Department of Wildlife, Fisheries, and Parks.

10. Please indicate whether you have used any of the following current or former MDWFP publications or media productions, and, if YES, in general please indicate how useful the publication or production was to your particular natural resources-related information needs.

	Have you ever used or viewed?		How useful was it to you?				
			Not at all Useful	Slightly Useful	Moderately Useful	Very Useful	Extremely Useful
a) "Mississippi Outdoors" Magazine	NO	YES	1	2	3	4	5
b) "Outdoor Digest"	NO	YES	1	2	3	4	5
c) "Mississippi Outdoors" television program on PBS	NO	YES	1	2	3	4	5
d) "Mississippi Outdoors" radio program	NO	YES	1	2	3	4	5
e) Comprehensive Wildlife Management Strategy Report	NO	YES	1	2	3	4	5
f) The MDWFP Website	NO	YES	1	2	3	4	5

This section of the survey relates to the Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP) Wildlife Bureau (formerly called the Wildlife Division). The questions asked are about the **Wildlife Bureau only**.

Questions #11-22 relate to your overall perception, attitudes, and knowledge of the Information and Education (I & E) programs and services offered by the MDWFP Wildlife Bureau. Some questions also assess your use and opinion of MDWFP Wildlife Bureau employee resources and specific wildlife issues in Mississippi. For the purpose of this survey, an "Information and Education (I & E) Program" is defined as any publication, workshop, training session, or material that increases knowledge, skill, or awareness about a particular wildlife management issue. It is not our intention to study formal education programs such as "Hunter Education", currently required for those persons born on or after January 1, 1972.

11. Information and Education is very important to the MDWFP Wildlife Bureau. In terms of Information and Education, please rank the following wildlife issues in order from 1 to 7 according to how you feel they should be prioritized by the MDWFP Wildlife Bureau for an Information and Education program. Place a "1" next to the issue that is most important to you, a "2" next to the issue that is next most important to you, ... and a "7" next to the issue that is least important to you. *See example below as an illustration. The example does not indicate how you should respond to this question.*

	<i>Example</i>
_____ Wildlife baiting	<u>4</u> Wildlife baiting
_____ Habitat protection and restoration	<u>3</u> Habitat protection and restoration
_____ The future of hunting in Mississippi	<u>1</u> The future of hunting in Mississippi
_____ Providing technical and public guidance	<u>7</u> Providing technical and public guidance
_____ Wildlife diseases	<u>2</u> Wildlife diseases
_____ Educating hunters on wildlife and management issues	<u>5</u> Educating hunters on wildlife and management issues
_____ An improved tagging and reporting system	<u>6</u> An improved tagging and reporting system

12. Please tell us how you feel about the current staff of the MDWFP Wildlife Bureau.

Do you believe the employees are	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
a) Knowledgeable	1	2	3	4	5
b) Trustworthy	1	2	3	4	5
c) Competent	1	2	3	4	5
d) Courteous	1	2	3	4	5
e) Professional	1	2	3	4	5

13. How many **times** have you contacted the MDWFP Wildlife Bureau through the following methods **in the past 12 months?**

- a) Telephone _____ TIMES
- b) In-Person _____ TIMES
- c) Email _____ TIMES
- d) Regular Mail/Fax _____ TIMES

14. How satisfied are you with the following materials or services provided by the MDWFP Wildlife Bureau? If you have never used the listed materials or services, please circle N/A under "Not Applicable".

	Not Applicable	Not at all Satisfied	Slightly Satisfied	Moderately Satisfied	Very Satisfied	Extremely Satisfied
a) Printed information and education material	N/A	1	2	3	4	5
b) Video and audio information and education material	N/A	1	2	3	4	5
c) Website information	N/A	1	2	3	4	5
d) Workshops and field days	N/A	1	2	3	4	5
e) Wildlife management	N/A	1	2	3	4	5
f) Hunter assistance	N/A	1	2	3	4	5

15. How do you feel the MDWFP Wildlife Bureau is doing in providing

	Very Poor	Poor	Fair	Good	Very Good
a) Current information	1	2	3	4	5
b) Accurate information	1	2	3	4	5
c) Useful information	1	2	3	4	5
d) Valuable educational services.....	1	2	3	4	5
e) Effective hunting regulations.....	1	2	3	4	5
f) Opportunities for public participation.....	1	2	3	4	5
g) Wildlife technical guidance	1	2	3	4	5

16. How familiar are you with the following current or former MDWFP Wildlife Bureau programs and regulations?
If you are not aware of any of the items listed below, please circle 1 for “Not at all Familiar”.

		Not at all Familiar	Slightly Familiar	Moderately Familiar	Very Familiar	Extremely Familiar
a)	Landowner Incentive Program (LIP)	1	2	3	4	5
b)	Dove Field Program	1	2	3	4	5
c)	Mallard Tracking Program	1	2	3	4	5
d)	Wildlife Conservation Plan	1	2	3	4	5
e)	Wildlife Technical Guidance	1	2	3	4	5
f)	Specific Hunting Regulations	1	2	3	4	5
g)	Online Wildlife Forums	1	2	3	4	5
h)	Online Wildlife Polls	1	2	3	4	5
i)	Deer Management Assistance Program (DMAP)	1	2	3	4	5
j)	Spring Gobbler Hunter Survey	1	2	3	4	5
k)	Private Lands Habitat Program	1	2	3	4	5

17. Please indicate whether you have used any of the following MDWFP Wildlife Bureau publications, and, if YES, in general please indicate how useful the publication was to your particular natural resources information needs.

Have you ever used or viewed?			How useful was it to you?				
			Not at all Useful	Slightly Useful	Moderately Useful	Very Useful	Extremely Useful
a)	“Wildlife Issues” Newsletter	NO YES	1	2	3	4	5
b)	Deer Program Reports	NO YES	1	2	3	4	5
c)	“Spittin’ and Drummin” Turkey Program Reports	NO YES	1	2	3	4	5
d)	Small Game Program Reports	NO YES	1	2	3	4	5
e)	Informational pamphlets regarding a specific wildlife issue	NO YES	1	2	3	4	5
f)	The Wildlife and Hunting portion of the MDWFP website	NO YES	1	2	3	4	5

18. Have you ever participated in or sponsored the following MDWFP Wildlife Bureau activities?

- | | | |
|--|-----|----|
| a) Landowner Incentive Program (LIP) | YES | NO |
| b) Deer Management Assistance Program (DMAP) | YES | NO |
| c) Wildlife Field Days and Workshops | YES | NO |
| d) Spring Gobbler Hunter Survey | YES | NO |
| e) Private Lands Habitat Program | YES | NO |

19. How do you prefer to receive information about wildlife-related issues? *(Please check only one)*

- | | |
|---|---|
| ☐ Radio | ☐ Mailed Newsletters |
| ☐ Printed Material | ☐ Workshops/Short Courses |
| ☐ Website | ☐ Personal Contact |
| ☐ Email | ☐ Television Programs and Advertisements |

20. What types of information do you regularly seek from the MDWFP Wildlife Bureau? *(Please check all that apply)*

- ☐ a) General Wildlife Information
- ☐ b) Technical Guidance Regarding Habitat Information
- ☐ c) Technical Guidance Regarding Population Information
- ☐ d) Regulations Concerning Nuisance Wildlife Problems
- ☐ e) State Regulations on Hunting
- ☐ f) Contact or Employee Information
- ☐ g) Hunter Education Services
- ☐ h) Hunting User Fees
- ☐ i) Regulations and Fees for Wildlife Management Areas (WMA)
- ☐ j) Regulations about Field Trials
- ☐ k) Check for Upcoming Events, Field Days, Workshops
- ☐ l) Trapping and Fur Dealing Regulations
- ☐ m) Learn how to Become Involved or Volunteer with the MDWFP
- ☐ n) Other *(Please Specify: _____)*

21. Out of your responses in **Question #20 (a-n)**, which one is your most important information need? *(Please circle only one)*

a b c d e f g h i j k l m n

22. The MDWFP Wildlife Bureau is interested in knowing how well the public understands the Bureau's roles, activities, and services. Please check the boxes of the activities and services that you believe are under the direct authority of the MDWFP Wildlife Bureau. ***(Please check all that you believe are under the direct authority of the MDWFP Wildlife Bureau)***

- ☐ Enforcing fisheries and wildlife laws
- ☐ Developing recommendations for statewide hunting regulations
- ☐ Educating the public about wildlife issues
- ☐ Leasing mineral resources
- ☐ Controlling forest fires

- ☐ Protecting rare, threatened, and endangered species
- ☐ Removing dead animal carcasses from the road
- ☐ Monitoring air and water quality
- ☐ Stocking Mississippi waters with fish
- ☐ Managing Mississippi Wildlife Management Areas (WMA)

- ☐ Assisting with natural disaster clean-up
- ☐ Controlling nuisance wildlife
- ☐ Implementing prescribed burns
- ☐ Managing state park lands
- ☐ Providing wildlife management assistance to hunters and landowners

23. Overall, how satisfied are you with the information and educational efforts of?

	Not at all Satisfied	Slightly Satisfied	Moderately Satisfied	Very Satisfied	Extremely Satisfied
a) The entire MDWFP Agency	1	2	3	4	5
b) The MDWFP Wildlife Bureau	1	2	3	4	5

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.

24. 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

25. What is your age? _____ YEARS

26. Are you? 1 MALE
 2 FEMALE

27. In what county do you reside? _____ COUNTY

28. 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 | |

29. 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 | | | | | | | | | |

30. 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: _____)**

31. 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 and Fisheries
Mississippi State, MS 39762-9690
7/08

Appendix B

Survey correspondence with hunters for the 2006-07 Survey of Mississippi Non-Resident Hunters

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Mississippi State
UNIVERSITY

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

July 21, 2008

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 demographic characteristics of hunters and the amount of game they harvested in Mississippi during the previous hunting season, and hunters attitudes toward important wildlife issues.

You were selected to participate in this study if you purchased a hunting or sportsman license in either the 2006-07 and/or 2007-08 hunting season. The enclosed survey is designed to tell us about your game harvest in the 2006-2007 (September 1, 2006 – May 1, 2007) and 2007-08 (September 1, 2007 – May 1, 2008) Mississippi hunting season. Please complete both harvest questions if you hunted in both years, or fill out only one if you did not hunt the other year. But, if you bought a hunting license but did not hunt in either year, please write “DID NOT HUNT” on the front cover and send it back to us. That will prevent you from receiving follow-up letters from us, and help us to complete the study.

In addition to harvest questions, MDWFP would like to know more about how well they are doing in meeting your needs in terms of wildlife information and education. MDWFP values your perspective and has funded this study to help understand how they can improve communication with hunters. You are one of a small number of license holders selected to participate in this study. It is important that YOU and no one else complete the questionnaire. Your responses are important to us 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. 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) 325-5220.

Thank you in advance for your cooperation. We hope that your 2008-09 hunting season is a safe and successful one.

Sincerely,

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

Dr. Kevin M. Hunt
Assistant 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

August 11, 2008

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 2006-2007 and 2007-08 hunting seasons, and how well MDWFP is doing at meeting your wildlife information and education needs. Study results will help MDWFP in wildlife management plans, and understand how to better communicate with hunters. Although the survey is completely voluntary, we hope that you will take the 15-30 minutes necessary to provide your input and be a part of the wildlife management process. If you did not hunt in the 2006-2007 nor 2007-08 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 one or both years, please complete the appropriate 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 cursive script, appearing to read "Kevin M. Hunt".

Dr. Kevin M. Hunt, 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 8, 2008

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 values your perspective of wildlife management and has funded this study to understand how to communicate better with hunters in the state. This study is drawing to a close, and this is the last contact that will be made with you. 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 2006-2007 nor 2007-08 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 15-30 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 waterfowl, 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) 325-5220. 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, Director
Human Dimensions & Conservation Law Enforcement Laboratory