

***Non-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
P.O. BOX 451
JACKSON, MS 39205**

By

**Dr. Kevin M. Hunt, Clifford P. Hutt, and Charles J. Woodard
Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Mississippi State University
Mississippi State, MS 39762-9690**

February 2011

TABLE OF CONTENTS

Page

TABLE OF CONTENTS	i
LIST OF TABLES	ii
LIST OF APPENDICES	iv
INTRODUCTION.....	1
METHODS.....	2
RESULTS.....	3
ACKNOWLEDGMENTS.....	4
LITERATURE CITED.....	5

Suggested Citation:

Hunt, K. M., C. P. Hutt, and C. J. Woodard. 2011. Non-Resident Hunter Effort & Game Harvest Estimates for the 2009-10 Mississippi Hunting Season. Human Dimensions & Conservation Law Enforcement Laboratory Technical Document #HDCLEL-148. Forest & Wildlife Research Center, Mississippi State, MS. 44pp.

LIST OF TABLES

Table #	Page
1	Expanded statewide coverage of the 2009-2010 non-resident mail survey of game harvest based on 36,245 small game license holders and 25,713 big game license holders 6
2	Expanded statewide estimates of total harvest (and variability of the estimates) by non-residents for all game species in Mississippi during the 2009-2010 hunting season7
3	Expanded statewide and district summaries of dove hunting in Mississippi during the 2009-2010 hunting season..... 8
4	Expanded statewide and district summaries of quail hunting in Mississippi during the 2009-2010 hunting season..... 9
5	Expanded statewide and district summaries of woodcock hunting in Mississippi during the 2009-2010 hunting season.....10
6	Expanded statewide and district summaries of rabbit hunting in Mississippi during the 2009-2010 hunting season11
7	Expanded statewide and district summaries of squirrel hunting in Mississippi during the 2009-2010 hunting season12
8	Expanded statewide and district summaries of raccoon hunting in Mississippi during the 2009-2010 hunting season13
9	Expanded statewide and district summaries of all duck hunting in Mississippi during the 2009-2010 hunting season14
10	Expanded statewide and district summaries of mallard hunting in Mississippi during the 2009-2010 hunting season15
11	Expanded statewide and district summaries of wood duck hunting in Mississippi during the 2009-2010 hunting season.....16
12	Expanded statewide and district summaries of other duck hunting in Mississippi during the 2009-2010 hunting season.....17
13	Expanded statewide and district summaries of goose hunting in Mississippi during the 2009-2010 hunting season18
14	Expanded statewide and district summaries of red fox hunting in Mississippi during the 2009-2010 hunting season19
15	Expanded statewide and district summaries of gray fox hunting in Mississippi during the 2009-2010 hunting season20

16	Expanded statewide and district summaries of bobcat hunting in Mississippi during the 2009-2010 hunting season	21
17	Expanded statewide and district summaries of coyote hunting in Mississippi during the 2009-2010 hunting season	22
18	Expanded statewide and district summaries of archery deer hunting in Mississippi during the 2009-2010 hunting season.....	23
19	Expanded statewide and district summaries of archery buck and doe hunting in Mississippi during the 2009-2010 hunting season	24
20	Expanded statewide and district summaries of primitive weapon deer hunting in Mississippi during the 2009-2010 hunting season	25
21	Expanded statewide and district summaries of primitive weapon buck and doe hunting in Mississippi during the 2009-2010 hunting season	26
22	Expanded statewide and district summaries of regular gun deer hunting in Mississippi during the 2009-2010 hunting season.....	27
23	Expanded statewide and district summaries of regular gun buck and doe hunting in Mississippi during the 2009-2010 hunting season	28
24	Expanded statewide and district summaries of spring turkey hunting in Mississippi during the 2009-2010 hunting season.....	29
25	Expanded statewide and district summaries of fall turkey hunting in Mississippi during the 2009-2010 hunting season.....	30
26	Expanded statewide summaries of all deer, buck, doe, and turkey hunting in Mississippi during the 2009-2010 hunting season	31
27	Expanded statewide and district summaries of hog hunting in Mississippi during the 2009-2010 hunting season.....	32
28	Percent of respondents by how they rated hunting compared to their other outdoor recreation activities (such as fishing, camping, golfing, etc.)	33
29	Percent of respondents by their age.....	33
30	Percent of respondents by their sex	34
31	Percent of respondents by their approximate annual household income before taxes	34
32	Percent of respondents by their highest completed levels of education	35
33	Percent of respondents by their race.....	35

APPENDICES

Appendix	Page
A Questionnaire: 2009-10 Survey of Mississippi Non-resident Hunters.....	36
B Survey correspondence with hunters for the 2009-10 Survey of Mississippi Non-resident Hunters	41

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 2009-10 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, 133, 134, and 144) purchased during the 2009-2010 license year. A random sample of 2,000 license holders was selected to participate in this study from the 36,245 non-resident 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 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; 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.

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 2,000 questionnaires were mailed to nonresident hunters. There were a total of 881 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=835), and those who indicated they “DID NOT HUNT” on their returned survey (n=46). 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 seven individuals indicated their refusal to participate and two individuals were reported as being deceased. When non-deliverables (n=148) were excluded from consideration, an effective response rate of 47.6 % was obtained.

Statewide expansions were calculated based on the 36,245 non-resident hunting licenses sold and accounted for by June 30, 2010. There were 36,245 individuals licensed to hunt small game and 25,713 of these license holders also were eligible to pursue big game (deer and turkey) in Mississippi during the 2009-2010 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 28-32 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 Ryan Smith, Charlie Shearer, and Candice Bogan 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.

LITERATURE CITED

- Dillman, D. A. 1978. Mail and telephone surveys: The Total Design Method. John Wiley & Sons, Inc., New York, NY. 325 pp.
- Filion, F. L. 1980 Humans surveys in wildlife management. Pages 441-453 in Schemitz, editor. Wildlife Techniques Manual. 4th ed. Rev. The Wildl. Soc., Washington, D.C. 686 pp.
- Steffen, D. E. 1981. Mississippi mail survey of game harvest and hunter effort for 1980-81. MDWFP Wildlife Division Technical Report, Jackson, MS.

TABLE 1. EXPANDED STATEWIDE COVERAGE OF THE 2009-10 MISSISSIPPI NONRESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 36,245 SMALL GAME LICENSE HOLDERS AND 25,713 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	77,254	8.48	18.84	94.9	8,885	2.21	4,101	11.3
QUAIL	3,480	4.82	10.50	75.0	705	2.43	331	0.9
WOODCOCK	0	0.00	0.00	0.0	41	1.00	41	0.1
RABBIT	7,746	1.07	6.03	83.9	6,892	5.72	1,284	3.5
SQUIRREL	36,949	3.18	12.05	91.9	10,832	3.77	3,065	8.5
RACCOON	1,615	1.00	4.25	100.0	1,408	4.25	331	0.9
TOTAL DUCK	136,240	2.55	17.90	87.9	40,636	7.01	5,799	16.0
MALLARD	64,951	1.19	8.36	77.9				
WOOD DUCK	15,699	0.27	1.91	44.3				
OTHER DUCKS	55,589	1.09	7.62	75.0				
GEESE	7,870	0.62	4.00	83.3	6,462	6.50	994	2.7
RED FOX	83	0.00	0.67	66.7	581	14.00	124	0.3
GRAY FOX	41	0.00	1.00	100.0	0	0.00	41	0.1
BOBCAT	580	0.05	1.00	85.7	4,009	13.71	580	1.6
COYOTE	2,237	0.55	3.38	100.0	3,097	10.57	663	1.8
TOTAL DEER	32,437	0.08	1.59	71.1	332,380	17.07	20,456	79.6
BUCK	14,222	0.04	0.70	50.2				
DOE	18,215	0.05	0.89	51.8				
ARCHERY DEER	4,442	0.07	0.81	48.9	50,923	10.31	5,501	21.4
BUCK	1,019	0.02	0.19	15.6				
DOE	3,423	0.05	0.62	40.0				
PRIMITIVE DEER	5,053	0.07	0.73	56.7	49,715	8.24	6,968	27.1
BUCK	1,630	0.02	0.23	21.1				
DOE	3,423	0.05	0.49	39.2				
GUN DEER	22,942	0.08	1.27	68.8	296,535	16.43	18,052	70.2
BUCK	11,573	0.04	0.64	49.7				
DOE	11,369	0.04	0.63	42.9				
TOTAL TURKEY	3,382	0.11	0.86	56.8	26,043	7.22	3,871	15.1
SPRING 2010	3,260	0.11	0.89	58.4	18,121	7.40	3,627	14.1
FALL 2009	122	0.09	0.43	28.6	1,304	4.57	285	1.1
HOG	3,687	0.18	1.93	73.9	18,123	11.13	1,905	5.3

(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 2008-09 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	77,254	10,524	13.6	56,205	98,302
QUAIL	3,480	1,802	51.8	0	7,083
WOODCOCK	0	0	0.0	0	0
RABBIT	7,746	2,814	36.3	2,118	13,374
SQUIRREL	36,949	6,034	16.3	24,881	49,018
RACCOON	1,615	761	47.1	93	3,138
TOTAL DUCKS	136,240	14,777	10.8	106,685	165,794
MALLARD	64,951	7,874	12.1	49,203	80,699
WOOD DUCK	15,699	2,379	15.2	10,941	20,457
OTHER DUCKS	55,589	6,833	12.3	41,923	69,256
GEESE	7,870	2,962	37.6	1,947	13,794
RED FOX	83	59	70.7	0	200
GRAY FOX	41	41	100.0	0	124
BOBCAT	580	175	30.1	230	929
COYOTE	2,237	1,274	57.0	0	4,785
TOTAL DEER	32,437	1,531	4.7	29,374	35,499
BUCK	14,222	793	5.6	12,636	15,807
DOE	18,215	1,067	5.9	16,081	20,349
ARCHERY DEER	4,442	600	13.5	3,242	5,641
BUCK	1,019	231	22.6	557	1,480
DOE	3,423	501	14.6	2,421	4,425
PRIMITIVE DEER	5,053	515	10.2	4,022	6,083
BUCK	1,630	275	16.9	1,080	2,180
DOE	3,423	425	12.4	2,572	4,274
GUN DEER	22,942	1,248	5.4	20,446	25,438
BUCK	11,573	707	6.1	10,160	12,986
DOE	11,369	815	7.2	9,739	13,000
TOTAL TURKEY	3,382	486	14.4	2,410	4,354
SPRING 2010	3,260	479	14.7	2,302	4,218
FALL 2009	122	91	74.5	0	304
HOG	3,687	1,010	27.4	1,666	5,707

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

TABLE 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	6,386 2,274.54 874	7.33 1.32 9	17.11 4.88 9	100.0 0.0 9	873 391.24 872	2.33 0.74 9	373 123.84 98	9.18 2.93 98
2	ESTIMATE (SE) N	33,010 6,967.17 874	9.46 0.96 39	19.90 2.90 40	97.5 2.50 40	3,408 605.96 872	2.10 0.18 39	1,658 256.35 98	40.8 4.99 98
3	ESTIMATE (SE) N	15,551 4,744.51 874	8.41 1.14 18	19.74 4.13 19	89.5 7.23 19	1,704 472.50 872	2.28 0.35 18	788 178.89 98	19.4 4.01 98
4	ESTIMATE (SE) N	3,981 1,90.24 874	8.73 1.29 8	12.0 3.59 8	87.5 12.5 8	457 180.62 872	1.38 0.26 8	332 116.82 98	8.16 2.78 98
5	ESTIMATE (SE) N	7,838 2,862.82 874	7.88 1.28 13	14.54 3.63 13	100.0 0.0 13	998 314.93 872	1.85 0.30 13	539 148.49 98	13.3 3.44 98
6	ESTIMATE (SE) N	8,087 4,475.87 874	6.50 1.41 9	21.67 10.17 9	88.9 11.11 9	1,247 540.61 872	3.33 0.99 9	373 123.84 98	9.2 2.93 98
STATEWIDE	ESTIMATE (SE) N	77,254 10,524.31 875	8.48 0.52 97	18.84 1.85 99	94.9 2.21 99	8,885 1,066.85 873	2.21 0.16 97	4,101 388.36 875	11.3 1.07 875

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	415 414.70 874	3.33 . 1	10.00 . 1	100.0 . 1	125 124.55 873	3.00 . 1	41 41.47 7	14.3 14.29 7
2	ESTIMATE (SE) N	498 422.82 874	5.00 5.00 2	4.00 3.06 3	66.7 33.33 3	83 58.68 873	1.00 0.0 2	124 71.75 7	42.9 20.20 7
3	ESTIMATE (SE) N	0 0.0 874	. . .	. . .	. . .	0 0.0 873	. . .	0 0.0 7	0.0 0.0 7
4	ESTIMATE (SE) N	622 622.05 874	15.00 . 1	15.00 . 1	100.0 . 1	42 41.52 873	1.00 . 1	41 41.47 7	14.3 14.29 7
5	ESTIMATE (SE) N	1,534 1,534.40 874	4.63 . 1	37.00 . 1	100.0 . 1	332 332.14 873	8.00 . 1	41 41.47 7	14.3 14.29 7
6	ESTIMATE (SE) N	415 414.70 874	5.00 . 1	10.00 . 1	100.0 . 1	83 83.04 873	2.00 . 1	41 41.47 7	14.3 14.29 7
STATEWIDE		3,480 (SE) N	4.82 0.90 7	10.500 4.26 8	75.0 16.37 8	705 372.68 874	2.43 0.97 7	331 116.69 875	0.9 0.32 875

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 0.0 874	. . .	. . .	. . .	0 0.0 874	. . .	. . .	. . .
2	ESTIMATE (SE) N	0 0.0 874	. . .	. . .	. . .	0 0.0 874	. . .	. . .	. . .
3	ESTIMATE (SE) N	0 0.0 874	. . .	. . .	. . .	0 0.0 874	. . .	. . .	. . .
4	ESTIMATE (SE) N	0 0.0 874	. . .	. . .	. . .	0 0.0 874	. . .	. . .	. . .
5	ESTIMATE (SE) N	0 0.0 874	. . .	. . .	. . .	0 0.0 874	. . .	. . .	. . .
6	ESTIMATE (SE) N	0 0.0 874	. . .	. . .	. . .	0 0.0 874	. . .	. . .	. . .
STATEWIDE		0 0.0 875	0.0 0.0 1	0.0 0.0 1	0.0 0.0 1	41 41.42 875	1.00 0.0 1	41 41.42 875	0.1 0.11 875

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	249 249.11 873	0.0 . 1	3.00 3.00 2	50.0 50.00 2	375 374.52 871	9.00 . 1	83 58.68 29	6.9 4.79 29
2	ESTIMATE (SE) N	1,619 957.49 873	1.50 0.42 5	7.80 3.38 5	100.0 0.0 5	1,082 657.32 871	5.20 2.40 5	208 92.62 29	17.2 7.14 29
3	ESTIMATE (SE) N	3,155 2,536.89 873	1.58 1.26 4	19.00 13.82 4	75.0 25.00 4	1,997 1,398.01 871	12.00 6.79 4	166 82.89 29	13.8 6.52 29
4	ESTIMATE (SE) N	706 416.80 873	0.77 0.23 3	5.67 0.88 3	100.0 0.0 3	915 602.58 871	7.33 2.85 3	125 71.83 29	10.3 5.76 29
5	ESTIMATE (SE) N	1,868 633.67 873	0.91 0.39 13	3.21 0.70 14	85.7 0.10 14	1,873 761.71 871	3.46 1.08 13	581 154.18 29	48.3 9.44 29
6	ESTIMATE (SE) N	83 83.04 873	0.20 . 1	2.00 . 1	100.0 . 1	416 416.13 871	10.00 . 1	42 41.52 29	3.4 3.45 29
STATEWIDE	ESTIMATE (SE) N	7,746 2,813.80 875	1.07 0.34 29	6.03 1.95 31	83.9 6.72 31	6,892 1,904.78 873	5.72 1.21 29	1,284 226.64 875	3.54 0.63 875

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 (SE) N	2,039 1,256.20 871	3.77 0.87 3	16.33 4.33 3	100.0 0.0 3	543 320.40 868	4.33 0.67 3	125 71.99 70	4.29 2.44 70
2	ESTIMATE (SE) N	874 507.38 871	3.00 0.84 4	5.25 1.80 4	100.0 0.0 4	292 150.32 868	1.75 0.25 4	166 83.08 70	5.74 2.79 70
3	ESTIMATE (SE) N	6,034 2,519.94 871	3.45 0.83 10	14.50 4.20 10	90.0 10.00 10	1,754 673.66 868	4.20 0.98 10	416 130.91 70	14.3 4.21 70
4	ESTIMATE (SE) N	208 208.07 871	1.00 . 1	5.00 . 1	100.0 . 1	208 208.78 868	5.00 . 1	42 41.61 70	1.4 1.43 70
5	ESTIMATE (SE) N	25,872 5,283.84 871	3.14 0.43 48	12.42 1.90 50	92.0 3.88 50	7,892 1,540.72 868	3.94 0.54 48	2,081 285.84 70	71.4 5.44 70
6	ESTIMATE (SE) N	458 355.41 871	8.00 . 1	5.50 2.50 2	100.0 0.0 2	42 41.76 868	1.00 . 1	83 58.82 70	2.86 2.01 70
STATEWIDE	ESTIMATE	36,949	3.18	12.05	91.9	10,832	3.77	3,065	8.46
	(SE) N	6,034.23 875	0.34 69	1.45 74	3.20 74	1,712.79 870	0.41 69	341.13 875	0.94 875

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	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	0.0
	N	875	.	.	.	875	.	8	8
2	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	0.0
	N	875	.	.	.	875	.	8	8
3	ESTIMATE	290	2.00	2.00	100.0	41	1.00	41	12.5
	(SE)	222.98	.	.	.	41.42	.	41.42	12.50
	N	875	1	1	1	875	1	8	8
4	ESTIMATE	166	2.00	2.00	100.0	83	1.00	83	25.0
	(SE)	117.09	0.0	0.0	0.0	58.55	0.0	58.55	16.37
	N	875	2	2	2	875	2	8	8
5	ESTIMATE	166	1.00	1.33	100.0	166	1.33	124	37.5
	(SE)	101.37	0.0	0.33	0.0	101.37	0.33	71.67	18.30
	N	875	3	3	3	875	3	8	8
6	ESTIMATE	994	0.89	12.00	100.0	1,118	13.50	83	25.0
	(SE)	712.28	0.28	2.00	0.0	877.42	6.50	58.55	16.37
	N	875	2	2	2	875	2	8	8
ESTIMATE		1,615	1.00	4.25	100.0	1,408	4.25	331	0.9
(SE)		761.15	0.22	1.74	0.0	885.71	2.37	116.69	0.32
STATEWIDE		875	8	8	8	875	8	875	875

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCK 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	7,740 5,060.27 871	5.40 0.66 4	20.25 13.37 4	100.0 0.0 4	624 434.19 871	3.75 2.10 4	166 83.08 136	2.94 1.45 136
2	ESTIMATE (SE) N	59,832 11,097.73 871	2.33 0.32 62	20.60 3.20 62	87.1 4.29 62	22,762 4,005.27 871	8.82 1.12 62	2,580 315.97 136	45.6 4.29 136
3	ESTIMATE (SE) N	47,272 7,555.52 871	2.85 0.33 60	16.00 1.71 60	90.0 3.91 60	14,024 2,371.71 871	5.62 0.65 60	2,497 311.21 136	44.1 4.23 136
4	ESTIMATE (SE) N	874 514.17 871	1.31 0.37 4	5.25 1.89 4	75.0 25.00 4	666 389.94 871	4.00 1.41 4	166 83.08 136	2.94 1.45 136
5	ESTIMATE (SE) N	7,241 3,883.02 871	3.09 0.41 6	22.67 11.84 6	83.3 16.67 6	1,831 1,059.72 871	7.33 3.30 6	250 101.64 136	4.41 1.77 136
6	ESTIMATE (SE) N	0 0.0 871				0 0.0 871		0 0.0 136	0.0 0.0 136
STATEWIDE	ESTIMATE (SE) N	136,240 14,777.31 875	2.55 0.22 140	17.90 1.72 140	87.9 2.77 140	40,636 4,705.81 875	7.01 0.60 140	5,799 449.46 875	16.0 1.24 875

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

MALLARDS					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	3,579	1.73	6.50	75.0
	(SE)	2,636.48	0.35	4.56	25.00
2	N	871	4	4	4
	ESTIMATE	31,543	1.22	10.76	83.9
3	(SE)	6,049.60	0.17	1.70	4.71
	N	871	62	62	62
4	ESTIMATE	18,018	1.14	6.42	75.0
	(SE)	3,523.62	0.19	1.10	5.64
5	N	871	60	60	60
	ESTIMATE	416	0.63	2.50	75.0
6	(SE)	256.28	0.25	1.04	25.00
	N	871	4	4	4
6	ESTIMATE	3,454	1.61	11.83	50.0
	(SE)	2,241.10	0.53	8.00	22.36
6	N	871	6	6	6
	ESTIMATE	0	.	.	.
6	(SE)	0.0	.	.	.
	N	871	.	.	.
STATEWIDE	ESTIMATE	64,951	1.19	8.36	77.9
	(SE)	7,874.21	0.12	0.97	3.52
STATEWIDE	N	875	140	140	140

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	1,498 1,040.52 871	1.40 0.55 4	5.25 4.92 4	50.0 28.87 4
2	ESTIMATE (SE) N	5,867 1,447.25 871	0.22 0.05 62	1.95 0.47 62	43.5 6.35 62
3	ESTIMATE (SE) N	4,702 1,221.28 871	0.26 0.06 60	1.47 0.30 60	41.7 6.42 60
4	ESTIMATE (SE) N	208 124.71 871	0.31 0.08 4	1.25 0.48 4	75.0 25.00 4
5	ESTIMATE (SE) N	1,581 738.21 871	0.68 0.15 6	5.00 1.84 6	66.7 21.08 6
6	ESTIMATE (SE) N	0 0.0 871	. . .	. . .	. . .
STATEWIDE	ESTIMATE (SE) N	15,699 2,379.06 875	0.27 0.04 140	1.91 0.29 140	44.3 4.21 140

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 (SE) N	2,663 1,558.64 871	2.27 0.44 4	8.50 4.25 4	75.0 25.00 4
2	ESTIMATE (SE) N	21,972 4,620.76 871	0.89 0.15 62	7.89 1.48 62	77.4 5.35 62
3	ESTIMATE (SE) N	24,551 4,612.57 871	1.45 0.22 60	8.12 1.13 60	80.0 5.21 60
4	ESTIMATE (SE) N	250 155.56 871	0.38 0.11 4	1.50 0.65 4	75.0 25.00 4
5	ESTIMATE (SE) N	2,205 1,637.01 871	0.80 0.70 6	5.83 5.83 6	16.7 16.67 6
6	ESTIMATE (SE) N	0 0.0 871			
STATEWIDE		55,589 6,833.25 875	1.09 0.12 140	7.62 0.86 140	75.0 3.67 140

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	414	1.00	10.00	100.0	414	10.00	41	4.2
1	(SE)	414.23	.	.	.	414.23	.	41.42	4.17
	N	875	1	1	1	875	1	24	24
2	ESTIMATE	2,278	0.54	4.23	92.3	4,225	7.85	539	54.2
	(SE)	820.12	0.19	1.02	7.69	1,525.16	1.90	148.32	10.39
	N	875	13	13	13	875	13	24	24
3	ESTIMATE	1,243	0.75	3.00	66.7	1,491	4.00	373	37.5
	(SE)	706.99	0.48	1.69	16.67	583.97	0.88	123.70	10.10
	N	875	9	9	9	875	9	24	24
4	ESTIMATE	166	0.50	4.00	100.0	331	8.00	41	4.2
	(SE)	165.69	.	.	.	331.38	.	41.42	4.17
	N	875	1	1	1	875	1	24	24
5	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	0.0
	N	875	.	.	.	875	.	24	24
6	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	0.0
	N	875	.	.	.	875	.	24	24
ESTIMATE		7,870	0.62	4.00	83.3	6,462	6.50	994	2.7
(SE)		2,961.83	0.17	0.87	7.77	1,709.98	1.14	200.24	0.55
STATEWIDE		875	24	24	24	875	24	875	875

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	0 0.00 874	- - -	- - -	- - -	0 0.00 873	- - -	0 0.0 2	0.0 0.0 2
2	ESTIMATE (SE) N	0 0.00 874	- - -	- - -	- - -	0 0.00 873	- - -	0 0.0 2	0.0 0.0 2
3	ESTIMATE (SE) N	0 0.00 874	- - -	- - -	- - -	0 0.00 873	- - -	0 0.0 2	0.0 0.0 2
4	ESTIMATE (SE) N	0 0.00 874	0.0 . 1	0.0 . 1.00	0.0 . 100.0	581 581.25 873	14.00 . 1	41 41.47 2	50.0 50.00 2
5	ESTIMATE (SE) N	41 41.47 874	1 . .	1 . 1	1 . 1	0 0.0 873	1 . .	41 41.47 2	50.0 50.00 2
6	ESTIMATE (SE) N	0 0.00 874	- - -	- - -	- - -	0 0.00 873	- - -	0 0.0 2	0.0 0.0 2
ESTIMATE		83	0.0	0.67	66.7	581	14.00	124	0.3
(SE)		58.55	0.0	0.33	33.33	581.25	0.0	71.66	0.20
STATEWIDE		N	1	3	3	873	1	875	875

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	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	.
	N	875	.	.	.	874	.	1	1
2	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	.
	N	875	.	.	.	874	.	1	1
3	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	.
	N	875	.	.	.	874	.	1	1
4	ESTIMATE	41	.	1.00	100.0	0	.	41	100.0
	(SE)	41.42	.	.	.	0.0	.	41.42	.
	N	875	.	1	1	874	.	1	1
5	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	.
	N	875	.	.	.	874	.	1	1
6	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	.
	N	875	.	.	.	874	.	1	1
ESTIMATE		41	0.0	1.00	100.0	0	0.0	41	0.1
(SE)		41.42	0.0	0.0	0.0	0.0	0.0	41.42	0.11
STATEWIDE		875	0	1	1	874	0	875	875

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	0 0.0 872				0 0.0 867		0 0.0 11	0.0 0.0 11
2	ESTIMATE (SE) N	0 0.0 872				0 0.0 867		0 0.0 11	0.0 0.0 11
3	ESTIMATE (SE) N	83 58.75 872	0.07 . . 1	1.00 0.0 2	100.0 0.0 2	627 627.08 867	15.00 . . 1	83 58.75 11	18.2 12.20 11
4	ESTIMATE (SE) N	125 92.90 872	0.0 0.0 2	0.75 0.48 4	50.0 28.87 4	669 591.12 867	8.00 6.00 2	166 82.99 11	36.4 15.21 11
5	ESTIMATE (SE) N	249 117.33 872	0.05 0.02 3	1.20 0.20 5	100.0 0.0 5	2,383 1,527.34 867	19.00 6.51 3	208 92.73 11	45.5 15.75 11
6	ESTIMATE (SE) N	0 0.0 872				0 0.0 867		0 0.0 11	0.0 0.0 11
STATEWIDE	ESTIMATE (SE) N	580 14.75 875	0.05 0.01 7	1.00 0.15 14	85.7 9.71 14	4,009 1,780.18 868	13.71 3.48 7	580 153.83 875	1.6 0.42 875

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	1,247 1,246.96 872	2.00 . 1	30.00 . 1	100.0 . 1	628 627.80 866	15.00 . 1	42 41.57 13	7.7 7.69 13
2	ESTIMATE (SE) N	42 41.57 872	0.50 . 1	1.00 . 1	100.0 . 1	84 83.71 866	2.00 . 1	42 41.57 13	7.7 7.69 13
3	ESTIMATE (SE) N	291 149.63 872	0.22 0.15 2	1.75 0.25 4	100.0 0.0 4	753 640.09 866	9.00 6.00 2	166 82.99 13	30.8 13.32 13
4	ESTIMATE (SE) N	42 41.57 872	. . .	1.00 . 1	100.0 . 1	0 0.0 866	. . .	42 41.57 13	7.7 7.69 13
5	ESTIMATE (SE) N	457 215.55 872	0.15 0.16 3	1.83 0.48 6	100.0 0.0 6	1,632 1,286.15 866	13.00 8.54 3	249 101.52 13	46.2 14.39 13
6	ESTIMATE (SE) N	0 0.0 872	. . .	. . .	. . .	0 0.0 866	. . .	0 0.0 13	0.0 0.0 13
STATEWIDE	ESTIMATE (SE) N	2,237 1,273.88 875	0.55 0.40 7	3.38 1.79 16	100.0 0.0 16	3,097 1,567.85 866	10.57 3.86 7	663 164.26 875	1.83 0.45 875

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	208 124.84 617	0.11 0.08 4	1.00 0.45 5	60.0 24.50 5	1,142 658.17 608	6.75 2.25 4	208 92.88 121	4.1 1.82 121
2	ESTIMATE (SE) N	250 155.73 617	0.13 0.03 4	1.20 0.58 5	60.0 24.50 5	1,311 920.94 608	7.75 4.42 4	208 92.88 121	4.1 1.82 121
3	ESTIMATE (SE) N	417 203.64 617	0.11 0.04 12	0.71 0.30 14	35.7 13.29 14	2,690 1,058.86 608	5.83 1.29 12	583 154.27 121	11.6 2.92 121
4	ESTIMATE (SE) N	292 161.11 617	0.10 0.06 11	0.58 0.29 12	33.3 14.21 12	2,537 917.68 608	5.45 1.16 11	500 143.07 121	9.9 2.73 121
5	ESTIMATE (SE) N	2,652 469.22 617	0.06 0.01 76	0.80 0.12 79	50.6 5.66 79	40,050 6,164.20 608	12.46 1.38 76	3,292 346.16 121	65.3 4.35 121
6	ESTIMATE (SE) N	125 72.06 617	0.05 0.04 5	0.50 0.22 6	50.0 22.36 6	1,819 931.13 608	8.60 2.42 5	250 101.67 121	4.96 1.98 121
STATEWIDE	ESTIMATE (SE) N	4,442 599.61 631	0.07 0.01 118	0.81 0.09 135	48.9 4.32 135	50,923 6,334.64 614	10.31 0.96 118	5,501 420.11 631	21.4 1.63 631

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	125	0.11	0.60	40.0	83	0.0	0.40	20.0
	(SE)	93.13	0.08	0.40	24.50	83.35	0.0	0.40	20.00
	N	617	4	5	5	617	4	5	5
2	ESTIMATE	42	0.03	0.20	20.0	208	0.10	1.00	60.0
	(SE)	41.67	0.01	0.20	20.00	124.84	0.03	0.45	24.50
	N	617	4	5	5	617	4	5	5
3	ESTIMATE	42	0.01	0.07	7.1	375	0.10	0.64	35.7
	(SE)	41.67	0.01	0.07	7.14	181.17	0.04	0.27	13.29
	N	617	12	14	14	617	12	14	14
4	ESTIMATE	42	0.02	0.08	8.3	250	0.08	0.50	25.0
	(SE)	41.67	0.02	0.08	8.33	155.73	0.06	0.29	13.06
	N	617	11	12	12	617	11	12	12
5	ESTIMATE	583	0.01	0.18	15.2	2,042	0.05	0.62	41.8
	(SE)	175.38	0.01	0.05	4.06	393.71	0.01	0.10	5.58
	N	617	76	79	79	617	76	79	79
6	ESTIMATE	42	0.02	0.17	16.7	83	0.02	0.33	33.3
	(SE)	41.67	0.02	0.17	16.7	58.89	0.03	0.21	21.08
	N	617	5	6	6	617	5	6	6
ESTIMATE		1,019	0.02	0.19	15.6	3,423	0.05	0.62	40.0
(SE)		230.73	0.01	0.04	3.13	500.83	0.01	0.08	4.23
STATEWIDE		631	118	135	135	631	118	135	135

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	126 72.65 612	0.08 0.04 2	0.75 0.25 4	75.0 25.00 4	564 452.49 593	6.50 3.50 2	168 83.82 152	2.6 1.30 152
2	ESTIMATE (SE) N	294 162.42 612	0.08 0.06 6	0.88 0.40 8	50.0 18.90 8	1,604 737.36 593	6.17 1.45 6	336 118.15 152	5.3 1.82 152
3	ESTIMATE (SE) N	546 171.96 612	0.13 0.04 10	1.00 0.16 13	84.6 0.10 13	3,469 1,351.05 593	8.00 1.94 10	546 149.99 152	8.6 2.28 152
4	ESTIMATE (SE) N	504 177.23 612	0.07 0.02 15	0.71 0.19 17	52.9 12.48 17	5,290 1,637.01 593	8.13 1.47 15	714 170.95 152	11.2 2.57 152
5	ESTIMATE (SE) N	2,731 376.32 612	0.07 0.01 95	0.62 0.07 105	51.4 4.90 105	35,469 4,645.69 593	8.61 0.79 95	4,412 392.18 152	69.1 3.76 152
6	ESTIMATE (SE) N	126 93.89 612	0.09 0.07 5	0.60 0.40 5	40.0 24.50 5	1,474 821.18 593	6.80 2.54 5	210 93.64 152	3.29 1.45 152
ESTIMATE		5,053	0.07	0.72	56.7	49,715	8.24	6,968	27.1
(SE)		515.26	0.01	0.06	3.80	5,119.61	0.59	455.33	1.77
STATEWIDE		631	141	171	171	601	141	631	631

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	42 42.01 612	0.0 0.0 2	0.25 0.25 4	25.0 25.00 4	84 59.37 612	0.08 0.04 2	0.50 0.29 4	50.0 28.87 4
2	ESTIMATE (SE) N	84 59.37 612	0.03 0.03 6	0.25 0.16 8	25.0 16.37 8	210 125.86 612	0.05 0.06 6	0.63 0.32 8	37.5 18.30 8
3	ESTIMATE (SE) N	126 72.65 612	0.03 0.02 10	0.23 0.12 13	23.1 12.16 13	420 144.67 612	0.10 0.03 10	0.77 0.17 13	69.2 13.32 13
4	ESTIMATE (SE) N	126 93.89 612	0.02 0.01 15	0.18 0.13 17	11.8 8.06 17	378 150.84 612	0.05 0.02 15	0.53 0.17 17	41.2 12.30 17
5	ESTIMATE (SE) N	840 194.28 612	0.02 0.01 95	0.19 0.04 105	18.1 3.78 105	1,891 319.38 612	0.05 0.01 95	0.43 0.06 105	35.2 4.68 105
6	ESTIMATE (SE) N	84 59.37 612	0.06 0.05 5	0.40 0.24 5	40.0 24.50 5	42 42.01 612	0.03 0.03 5	0.20 0.20 5	20.0 20.00 5
ESTIMATE		1,630	0.02	0.23	21.1	3,423	0.05	0.49	39.2
(SE)		274.98	0.01	0.04	3.13	425.42	0.01	0.05	3.74
STATEWIDE		631	141	171	171	631	141	171	171

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	672 239.81 574	0.18 0.06 17	0.88 0.24 17	52.9 12.48 17	3,808 1,107.72 574	5.00 0.85 17	762 182.10 386	4.40 1.05 386
2	ESTIMATE (SE) N	1,657 365.94 574	0.09 0.02 34	1.09 0.16 34	70.6 7.93 34	18,949 4,247.12 574	12.44 1.89 34	1,523 253.57 386	8.8 1.44 386
3	ESTIMATE (SE) N	1,523 341.41 574	0.08 0.01 38	0.89 0.15 38	60.5 8.04 38	19,845 4,237.61 574	11.66 1.71 38	1,702 267.08 386	9.85 1.52 386
4	ESTIMATE (SE) N	2,957 595.50 574	0.11 0.02 50	1.32 0.20 50	68.0 6.66 50	26,654 4,840.18 574	11.90 1.46 50	2,240 302.91 386	13.0 1.71 386
5	ESTIMATE (SE) N	13,125 1,090.37 574	0.08 0.01 230	1.27 0.08 230	67.4 3.10 230	174,033 11,315.92 574	16.89 0.68 230	10,303 526.39 386	59.6 2.50 386
6	ESTIMATE (SE) N	941 342.14 574	0.08 0.02 17	1.24 0.35 17	58.8 12.30 17	12,140 3,332.64 574	15.94 2.21 17	762 182.10 386	4.4 1.05 386
STATEWIDE		22,942 1,248.13 631	0.08 0.01 443	1.27 0.06 443	68.8 2.20 443	296,535 12,491.73 631	16.43 0.55 443	18,052 468.53 631	70.2 1.82 631

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	493	0.13	0.65	52.9	179	0.05	0.24	17.6
	(SE)	172.42	0.04	0.17	12.48	109.57	0.03	0.14	9.53
	N	574	17	17	17	574	17	17	17
2	ESTIMATE	762	0.04	0.50	44.1	896	0.05	0.59	41.2
	(SE)	202.98	0.01	0.11	8.64	258.74	0.01	0.14	8.57
	N	574	34	34	34	574	34	34	34
3	ESTIMATE	986	0.05	0.58	50.0	538	0.03	0.32	28.9
	(SE)	233.65	0.01	0.10	8.22	166.25	0.01	0.09	7.46
	N	574	38	38	38	574	38	38	38
4	ESTIMATE	1,389	0.05	0.62	48.0	1,568	0.06	0.70	46.0
	(SE)	301.85	0.01	0.11	7.14	366.62	0.01	0.13	7.12
	N	574	50	50	50	574	50	50	50
5	ESTIMATE	6,540	0.04	0.63	48.7	6,585	0.04	0.64	43.5
	(SE)	609.60	<0.01	0.05	3.30	676.04	<0.01	0.06	3.28
	N	574	230	230	230	574	230	230	230
6	ESTIMATE	493	0.04	0.65	35.3	448	0.04	0.59	47.1
	(SE)	223.23	0.01	0.26	11.95	166.71	0.01	0.17	12.48
	N	574	17	17	17	574	17	17	17
ESTIMATE		11,573	0.04	0.64	49.7	11,369	0.04	0.63	42.9
(SE)		706.57	<0.01	0.04	2.38	815.27	<0.01	0.04	2.35
STATEWIDE		631	443	443	443	631	443	443	443

TABLE 24. EXPANDED STATEWIDE AD 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	124 124.42 620	0.43 0.37 2	1.50 1.50 2	50.0 50.00 2	292 208.21 617	3.50 0.50 2	83 58.60 78	2.56 1.80 78
2	ESTIMATE (SE) N	664 240.55 620	0.14 0.03 14	1.14 0.29 14	64.3 13.29 14	4,751 1,435.71 617	8.14 1.24 14	581 153.54 78	17.9 4.73 78
3	ESTIMATE (SE) N	207 124.24 620	0.07 0.04 6	0.83 0.40 6	50.0 22.36 6	3,167 1,801 617	12.67 5.51 6	249 101.18 78	7.69 3.04 78
4	ESTIMATE (SE) N	166 82.74 620	0.05 0.02 9	0.40 0.16 10	40.0 16.33 10	2,584 949.05 617	6.89 1.16 9	415 130.19 78	12.8 3.81 78
5	ESTIMATE (SE) N	1,286 303.45 620	0.11 0.02 34	0.83 0.15 36	55.6 8.40 36	10,877 2,257.86 617	7.68 0.96 34	1,493 241.70 78	46.2 5.68 78
6	ESTIMATE (SE) N	290 123.97 620	0.15 0.04 10	0.70 0.21 10	60.0 16.33 10	2,000 737.02 617	4.80 0.98 10	415 130.19 78	12.8 3.81 78
STATEWIDE	ESTIMATE (SE) N	3,260 478.83 631	0.11 0.01 81	0.89 0.10 89	58.4 5.25 89	18,121 2,461.09 867	7.40 0.65 81	3,627 356.57 631	14.1 1.39 631

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	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	0.0
	N	631	.	.	.	631	.	7	7
3	ESTIMATE	0	.	.	.	0	.	0	0.0
	(SE)	0.0	.	.	.	0.0	.	0.0	0.0
	N	631	.	.	.	631	.	7	7
5	ESTIMATE	122	009	0.43	28.6	1,304	4.57	285	100.0
	(SE)	91.06	0.07	0.30	18.44	585.87	1.21	107.30	0.0
	N	631	7	7	7	631	7	7	7
STATEWIDE	ESTIMATE	122	0.09	0.43	28.6	1,304	4.57	285	100.0
	(SE)	91.06	0.07	0.30	18.44	585.87	1.21	107.30	0.0
	N	631	7	7	7	631	7	7	7

(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	32,437	0.08	1.59	71.1	332,380	17.07	20,456	79.6
	(SE)	1,531.28	0.01	0.07	2.03	18,498.81	0.85	413.14	1.61
BUCK	N	631	402	502	502	531	402	631	631
	ESTIMATE	14,222	0.04	0.70	50.2	332,380	17.07	20,456	79.6
DOE	(SE)	792.86	<0.01	0.04	2.23	18,498.81	0.85	413.14	1.61
	N	631	402	502	502	531	402	631	631
TURKEY	ESTIMATE	18,215	0.05	0.89	51.8	332,380	17.07	20,456	79.6
	(SE)	1,066.86	<0.01	0.05	2.23	18,498.81	0.85	413.14	1.61
	N	631	402	502	502	531	402	631	631
	ESTIMATE	3,382	0.11	0.86	56.8	26,043	7.22	3,871	15.1
	(SE)	486.11	0.01	0.10	5.11	3,424.14	0.62	366.35	1.42
	N	631	87	95	95	623	89	631	631

(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	832	2.22	10.00	50.0	378	4.50	83	4.76
	(SE)	832.26	1.48	10.00	50.00	281.28	1.50	58.82	3.33
	N	871	2	2	2	864	2	42	42
2	ESTIMATE	291	0.28	2.33	100.0	1,049	8.33	125	7.14
	(SE)	216.13	0.04	1.33	0.0	852.28	5.84	71.99	4.02
	N	871	3	3	3	864	3	42	42
3	ESTIMATE	333	0.18	1.33	83.3	1,175	7.00	250	14.3
	(SE)	166.17	0.06	0.42	16.67	972.77	5.34	101.64	5.47
	N	871	4	6	6	864	4	42	42
4	ESTIMATE	208	0.04	1.67	66.7	3,104	37.00	125	7.1
	(SE)	149.96	0.02	0.88	33.33	2,583.96	23.00	71.99	4.02
	N	871	2	3	3	864	2	42	42
5	ESTIMATE	1,456	0.13	1.52	73.9	9,984	11.90	957	54.8
	(SE)	419.67	0.04	0.31	9.36	2,965.21	2.42	197.03	7.77
	N	871	20	23	23	864	20	42	42
6	ESTIMATE	291	0.21	1.40	80.0	1,217	7.25	208	11.9
	(SE)	181.22	0.17	0.68	20.00	880.49	4.39	92.84	5.06
	N	871	4	5	5	864	4	42	42
STATEWIDE	ESTIMATE	3,687	0.18	1.93	73.9	18,123	11.13	1,905	5.26
	(SE)	1,010.10	0.06	0.46	6.55	4,261.05	1.98	273.62	0.75
	N	875	39	46	46	868	39	875	875

Summary of Responses to Non-resident Demographic Questions for 2009-10

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	507	64.3
Second most important outdoor activity	201	25.5
Third most important outdoor activity	58	7.4
None of the above	23	2.9
TOTAL	789	100.00

n missing = 24

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

Age Category	Frequency	Percent
18-20	4	0.5
21-25	27	3.3
26-30	45	5.5
31-35	55	6.8
36-40	69	8.5
41-45	94	11.6
46-50	103	12.7
51-55	131	16.4
56-60	100	12.3
61-65	85	10.5
>65	100	12.3
TOTAL	813	100.0

n missing = 0

Mean age of hunter = 50.0

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

Gender Category	Frequency	Percent
MALE	784	96.6
FEMALE	28	3.5
TOTAL	812	100.0

n missing = 1

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

Income Category	Frequency	Percent
Under 10,000	11	1.4
10,000-19,000	18	2.3
20,000-29,000	31	4.0
30,000-39,000	44	5.7
40,000-49,000	30	3.9
50,000-59,000	70	9.1
60,000-69,000	53	6.9
70,000-79,000	49	6.4
80,000-89,000	55	7.1
90,000-99,000	64	8.3
100,000 and above	346	44.9
TOTAL	771	100.0

n missing = 42

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

Education Category	Frequency	Percent
Elementary	24	3.0
High School	250	30.8
College	406	49.9
Graduate School	133	16.4
TOTAL	813	100.0

n missing = 0

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

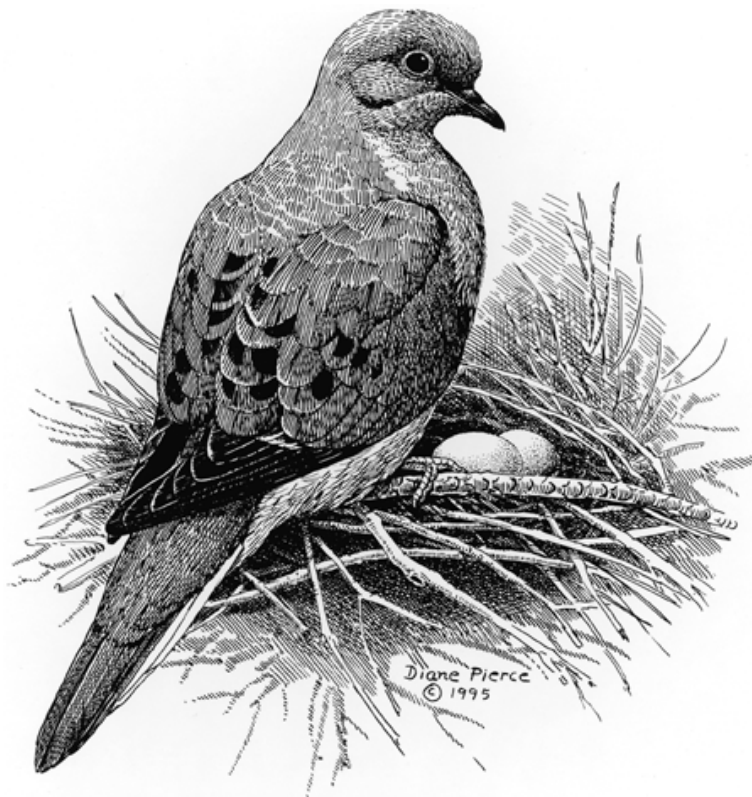
Race Category	Frequency	Percent
WHITE OR ANGLO	780	96.1
BLACK OR AFRICAN AMERICAN	19	2.3
LATINO OR HISPANIC	2	0.3
NATIVE AMERICAN OR ALASKAN NATIVE	5	0.6
ASIAN OR PACIFIC ISLANDER	1	0.1
OTHER	5	0.6
TOTAL	812	100.0

n missing = 1

Appendix A

Questionnaire: 2009-10 Survey of Mississippi Non-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

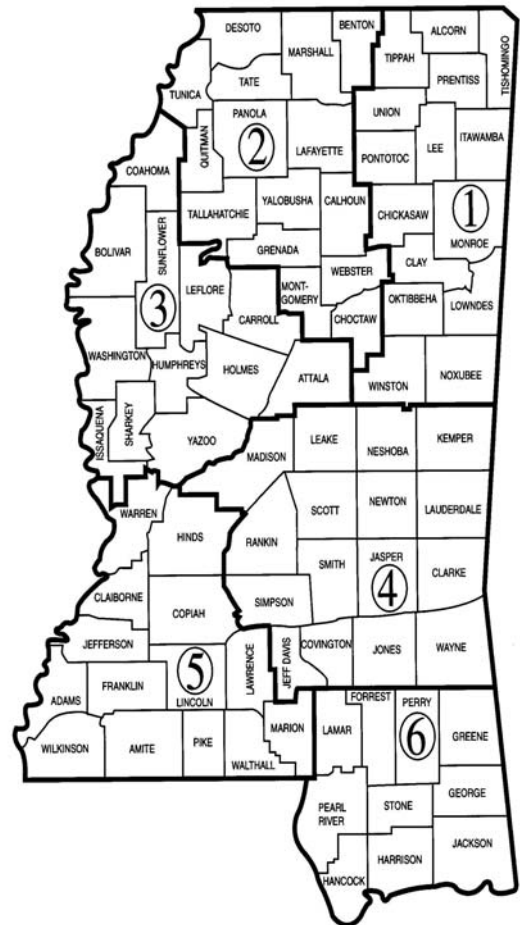
1. Please fill in the blocks below for each game, furbearer, or predatory species you hunted during the 2009-2010 hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, furbearer, or predatory 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	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 2004)				
Turkey (Spring 2005)				

	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 hunting or wildlife management in Mississippi?

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
7/10

Appendix B

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

10000



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 black ink, appearing to read "Kevin M. Hunt". The signature is fluid and cursive, with a large, stylized "H" at the end.

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

10000



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 cursive script, appearing to read "Kevin M. Hunt".

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

10000



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