

*Resident Hunter Effort & Game Harvest Estimates  
for the 2003-2004 Mississippi Hunting Season*

Prepared for the

**DIVISION of WILDLIFE  
MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES & PARKS  
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## 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

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## LIST OF TABLES

Table #	Page
1	Expanded statewide coverage of the 2003-2004 Mississippi resident mail survey of game harvest based on 187,126 small game license holders and 182,182 big game license holders ..... 6
2	Expanded statewide estimates of resident total harvest (and variability of the estimates) for all game species in Mississippi during the 2003-2004 hunting season..... 7
3	Expanded statewide and district summaries of dove hunting in Mississippi during the 2003-2004 hunting season..... 8
4	Expanded statewide and district summaries of quail hunting in Mississippi during the 2003-2004 hunting season..... 9
5	Expanded statewide and district summaries of woodcock hunting in Mississippi during the 2003-2004 hunting season ..... 10
6	Expanded statewide and district summaries of rabbit hunting in Mississippi during the 2003-2004 hunting season..... 11
7	Expanded statewide and district summaries of squirrel hunting in Mississippi during the 2003-2004 hunting season..... 12
8	Expanded statewide and district summaries of raccoon hunting in Mississippi during the 2003-2004 hunting season..... 13
9	Expanded statewide and district summaries of all duck hunting in Mississippi during the 2003-2004 hunting season..... 14
10	Expanded statewide and district summaries of mallard hunting in Mississippi during the 2003-2004 hunting season..... 15
11	Expanded statewide and district summaries of wood duck hunting in Mississippi during the 2003-2004 hunting season..... 16
12	Expanded statewide and district summaries of other duck hunting in Mississippi during the 2003-2004 hunting season..... 17
13	Expanded statewide and district summaries of goose hunting in Mississippi during the 2003-2004 hunting season..... 18
14	Expanded statewide and district summaries of red fox hunting in Mississippi during the 2003-2004 hunting season..... 19
15	Expanded statewide and district summaries of gray fox hunting in Mississippi during the 2003-2004 hunting season..... 20

16	Expanded statewide and district summaries of bobcat hunting in Mississippi during the 2003-2004 hunting season.....	21
17	Expanded statewide and district summaries of coyote hunting in Mississippi during the 2003-2004 hunting season.....	22
18	Expanded statewide and district summaries of archery deer hunting in Mississippi during the 2003-2004 hunting season.....	23
19	Expanded statewide and district summaries of archery buck and doe hunting in Mississippi during the 2003-2004 hunting season .....	24
20	Expanded statewide and district summaries of primitive weapon deer hunting in Mississippi during the 2003-2004 hunting season .....	25
21	Expanded statewide and district summaries of primitive weapon buck and doe hunting in Mississippi during the 2003-2004 hunting season .....	26
22	Expanded statewide and district summaries of regular gun deer hunting in Mississippi during the 2003-2004 hunting season.....	27
23	Expanded statewide and district summaries of regular gun buck and doe hunting in Mississippi during the 2003-2004 hunting season .....	28
24	Expanded statewide and district summaries of spring turkey hunting in Mississippi during the 2003-2004 hunting season.....	29
25	Expanded statewide and district summaries of fall turkey hunting in Mississippi during the 2003-2004 hunting season.....	30
26	Expanded statewide summaries of all deer, buck, doe, and turkey hunting in Mississippi during the 2003-2004 hunting season.....	31
27	Expanded statewide and district summaries of hog hunting in Mississippi during the 2003-2004 hunting season.....	32
28.	Percent of respondents by their age.....	33
29	Percent of respondents by their gender .....	33
30	Percent of respondents by their approximate annual household income before taxes .....	34
31	Percent of respondents by their highest completed level of education.....	34
32	Percent of respondents by their Spanish/Hispanic origin.....	34
33	Percent of respondents by their race.....	35

## APPENDICES

Appendix	Page
A Questionnaire: 2004 Survey of Mississippi Resident.....	36
B Survey correspondence with hunters for the 2004 Survey of Mississippi Resident Hunters	41

## INTRODUCTION

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

Since 1974, a self-administered mail survey has been used to obtain total harvest, average daily kill, average seasonal harvest, and total man-days hunted for each game species among others. 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 2003-04 hunting season was to obtain a reliable set of statewide effort and harvest estimates for each game species in Mississippi. The secondary objective was to provide district estimates. The third objective was to monitor hunter attitudes and perceptions on specific issues. No effort was made to interpret the data presented here. The purpose of this publication is to compile existing information for future reference and to help guide future management decisions.

## METHODS

The sampling frame for the survey consisted of resident holders of a Type 100 – Sportsman, Type 101 – All Game Hunting and Fishing, or Type 103 – Small Game Hunting and Fishing licenses purchased during the 2003-2004 license year. A random sample of 3,000 license holders was selected to participate in this study from the 187,126 licenses processed from July 1, 2003 – June 30, 2004.

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 stating the purpose of the survey was sent to all individuals in the sample. This letter informed the recipients that they would be receiving a survey in about a week; 2) Seven days after the introductory letter, a second 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. Actual correspondence can be found in APPENDIX B. All surveys were numbered using a bar coding system printed on clear adhesive labels. When surveys were returned to Mississippi State University, the bar codes were scanned into a computer file and assigned with a “returned” status; this prevented respondents from receiving another mailing.

Procedures for editing and data entry of returned questionnaires were similar to Steffen (1981). Data entry involved entering data from the surveys into the computer using a Microsoft Access data entry screen that had been previously developed. First, non-numeric responses in the survey were numerically coded for preparation for data entry. After all responses were converted into a numeric framework, responses from the surveys were data entered. The responses to the last question of the survey, which was open-ended, were typed into an MS Access file so comments could be queried by agency staff.

Effort and harvest estimates and their standard errors for each species were calculated for total kill, average seasonal kill per hunter, proportion of licensed hunters, total licensed hunters, proportion of hunters who were successful, total man-days spent hunting, average days 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 resident hunters. There were a total of 1,321 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2002-03 season (n=1,275), and those who indicated they "DID NOT HUNT" on their returned survey (n=46). Thus, since harvest estimates are extrapolated to all hunter license holders, those who indicated they did not hunt were included in the database as hunting zero days and harvesting zero animals for each species. Questionnaires were checked for the completeness of responses where it was found that 2 individuals indicated their refusal to participate, and 2 individuals were reported as being deceased. When non-deliverable (n=372) were excluded from consideration, an effective response rate of 50.3% was obtained.

Statewide expansions were calculated based on the 187,126 total hunting licenses sold and accounted for by June 30, 2004. There were 187,126 individuals licensed to hunt small game (Types 100, 101, and 103) and 182,182 (Types 100+101) of these license holders also were eligible to pursue big game (deer and turkey) during the 2003-2004 hunting season.

The expanded statewide summaries of the total harvest, average daily kill, average seasonal harvest, percent of successful hunters, total man-days, average days hunted in the season, total number of hunters and percent of total 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 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 are provided in Tables 18-26. Table 27 summarizes district and statewide estimates for feral hog. Tables 28-33 summarize hunter responses to participation, attitude, and opinion questions contained in the questionnaire.

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TABLE 1. EXPANDED STATEWIDE COVERAGE OF THE 2003-04 MISSISSIPPI RESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 187,126 SMALL GAME LICENSE HOLDERS AND 182,182 BIG GAME LICENSE HOLDERS.

SPECIES	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENCES (A)
DOVE	1,164,827	6.27	20.40	91.1	177,489	3.22	57,087	30.5
QUAIL	84,710	3.20	14.59	82.9	26,104	4.72	5,808	3.1
WOODCOCK	4,533	1.52	4.57	85.7	2,974	3.00	992	0.5
RABBIT	281,751	1.08	8.05	89.5	220,046	6.86	34,989	18.7
SQUIRREL	880,243	2.46	15.01	92.3	320,245	5.85	58,645	31.3
RACCOON	78,193	0.59	8.19	86.5	101,708	13.81	7,366	3.9
<b>TOTAL DUCK</b>	294,075	1.55	17.07	88.1	170,127	11.02	15,440	8.3
MALLARD	124,373	0.63	6.94	67.9	170,127	11.02		8.3
WOOD DUCK	87,118	0.47	5.16	65.1	170,127	11.02		8.3
OTHER DUCKS	82,585	0.45	4.97	56.9	170,127	11.02		8.3
GEESE	38,672	.94	9.57	69.6	33,147	10.17	3,258	1.7
RED FOX	992	1.25	1.75	100.0	567	1.33	567	0.3
GRAY FOX	708	1.00	1.67	100.0	141	1.00	425	0.2
BOBCAT	6,516	0.24	1.35	96.8	13,161	5.11	4,391	2.3
COYOTE	20,682	0.32	2.41	87.9	43,547	7.77	8,216	4.4
<b>TOTAL DEER</b>	246,850	0.08	1.94	71.6	2,390,619	20.25	127,200	69.8
BUCK	118,938	0.04	0.93	54.6	2,390,619	20.25		69.8
DOE	127,912	0.04	1.00	52.5	2,390,619	20.25		69.8
<b>ARCHERY DEER</b>	30,055	0.06	0.91	54.5	363,924	12.60	33,189	18.2
BUCK	8,689	0.02	0.26	21.9	363,924	12.60		18.2
DOE	21,366	0.04	0.64	45.5	363,924	12.60		18.2
<b>PRIMITIVE DEER</b>	37,604	0.08	0.81	54.4	307,609	7.62	46,578	25.6
BUCK	13,817	0.03	0.30	26.0	307,609	7.62		25.6
DOE	23,788	0.05	0.51	40.4	307,609	7.62		25.6
<b>GUN DEER</b>	179,191	0.09	1.48	69.0	1,620,977	14.52	120,790	66.3
BUCK	96,433	0.05	0.80	52.9	1,620,977	14.52		66.3
DOE	82,758	0.04	0.68	42.9	1,620,977	14.52		66.3
<b>TOTAL TURKEY</b>	32,334	0.10	0.95	55.0	273,054	8.86	33,901	18.6
SPRING 2003	31,195	0.10	0.95	55.0	263,474	8.77	32,904	18.1
FALL 2002	1,140	0.08	0.53	40.0	8,994	5.25	2,137	1.2
HOG	39,380	0.13	6.62	73.8	42,249	9.25	5,950	3.2

(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 RESIDENT TOTAL HARVEST (AND VARIABILITY OF THE ESTIMATES) FOR ALL GAME SPECIES IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	1,164,827	83,230	7.1	998,365	1,331,289
QUAIL	84,710	21,078	24.9	42,552	126,866
WOODCOCK	4,533	3,063	67.6	-1,593	10,659
RABBIT	281,751	33,029	11.7	215,693	347,808
SQUIRREL	880,243	64,446	7.3	751,351	1,009,134
RACCOON	78,193	17,920	22.9	42,353	114,033
<b>TOTAL DUCKS</b>	294,075	42,143	14.3	209,789	378,361
MALLARD	124,373	20,833	16.8	82,707	166,038
WOOD DUCK	87,118	15,971	18.3	55,174	119,060
OTHER DUCKS	82,585	14,732	17.8	53,120	112,048
GEESE	38,672	16,709	43.2	5,254	72,089
RED FOX	992	510	51.4	-29	2,012
GRAY FOX	708	470	66.4	-231	1,647
BOBCAT	6,516	1,255	19.3	4,007	9,025
COYOTE	20,682	3,679	17.8	13,324	28,038
<b>TOTAL DEER</b>	246,850	9,695	3.9	227,461	266,239
BUCK	118,938	5,274	4.4	108,390	129,486
DOE	127,912	5,895	4.6	116,121	139,702
<b>ARCHERY DEER</b>	30,055	3,123	10.4	23,809	36,300
BUCK	8,689	1,322	15.2	6,045	11,333
DOE	21,366	2,228	10.4	16,911	25,821
<b>PRIMITIVE DEER</b>	37,604	3,107	8.3	31,390	43,819
BUCK	13,817	1,584	11.5	10,648	16,985
DOE	23,788	2,167	9.1	19,454	28,120
<b>GUN DEER</b>	179,191	7,117	4.0	164,956	193,425
BUCK	96,433	4,324	4.5	87,785	105,079
DOE	82,758	4,301	5.2	74,156	91,360
<b>TOTAL TURKEY</b>	32,334	3,032	9.4	26,270	38,397
SPRING 2003	31,195	2,926	9.4	25,344	37,045
FALL 2002	1,140	532	46.7	75	2,203
HOG	39,380	28,638	72.7	-17,896	96,656

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

TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 2003-04 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	213,286 34,119.56 1,309	6.09 0.52 80	17.98 2.16 83	91.6 3.07 83	34,851 6,907.90 1,294	3.01 0.50 80	11,865 1,260.88 391	21.2 2.70 391
2	ESTIMATE (SE) N	199,992 42,062.80 1,309	5.08 0.58 61	22.20 3.82 63	87.3 44.23 63	33,260 6,681.52 1,294	3.77 0.60 61	9,006 1,107.44 391	16.1 1.86 391
3	ESTIMATE (SE) N	285,478 49,311.94 1,309	6.79 0.90 73	26.28 3.49 76	94.7 2.58 76	41,359 7,337.87 1,294	3.92 0.54 73	10,864 1,209.98 391	19.4 2.00 391
4	ESTIMATE (SE) N	204,852 33,374.61 1,309	6.93 0.41 81	17.06 2.13 84	92.9 2.83 84	29,067 4,453.70 1,294	2.48 0.27 81	12,008 1,267.94 391	21.5 2.08 391
5	ESTIMATE (SE) N	94,635 20,864.09 1,309	5.67 0.96 38	16.97 2.65 39	84.6 0.06 39	16,630 3,610.23 1,294	3.03 0.45 38	55,575 879.68 391	9.9 1.52 391
6	ESTIMATE (SE) N	156,105 30,824.46 1,309	7.05 0.94 43	23.74 3.22 46	91.3 4.20 46	20,969 3,958.56 1,294	3.37 0.39 43	6,576 952.73 391	11.8 1.63 391
STATEWIDE	ESTIMATE (SE) N	1,164,828 83,230.80 1,321	6.27 0.31 383	20.40 1.19 403	91.1 1.42 403	177,489 13,179.32 1,301	3.22 19.54 383	57,087 2,371.47 1,321	30.5 1.27 1321

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 2003-04 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	66,668	3.92	9.40	80.0	1,705	2.40	709	12.8
	(SE)	41,101.87	1.66	4.45	20.00	802.68	0.40	316.75	5.42
2	ESTIMATE	16,457	2.52	8.92	69.2	6,536	3.54	1,844	33.3
	(SE)	7,078.83	0.75	3.06	13.32	2,560.05	1.02	509.18	7.65
3	ESTIMATE	14,045	6.60	33.00	66.7	2,132	5.00	426	7.7
	(SE)	11,169.26	1.82	22.11	33.33	1,734.03	3.51	245.54	4.32
4	ESTIMATE	6,526	5.43	6.57	85.7	995	1.17	993	18.0
	(SE)	3,335.64	1.75	2.45	14.29	425.53	0.17	374.50	6.22
5	ESTIMATE	16,315	6.76	28.75	100.0	2,415	4.25	567	10.3
	(SE)	9,430.14	2.77	9.66	0.00	1,536.03	1.93	283.42	4.92
6	ESTIMATE	22,841	1.88	23.00	100.0	12,077	14.17	993	18.0
	(SE)	12,490.35	0.76	9.83	0.01	6,381.26	5.22	374.50	6.23
STATEWIDE	ESTIMATE	84,710	6.27	14.59	82.9	26,104	4.72	5,808	3.0
	(SE)	21,078.53	0.31	1.19	5.95	7,278.79	1.10	893.18	0.48
	N	1,321	383	403	41	1,319	39	1,321	1,321

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 2003-04 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)	0.00	-	-	-	0.00	-	0.00	0.00
2	N	1,320	-	-	-	1,320	-	10	6
	ESTIMATE	0	-	-	-	0	-	0	0.0
3	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,320	-	6	6
4	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
5	N	1,320	-	-	-	1,320	-	6	6
	ESTIMATE	0	-	-	-	0	-	0	0.0
6	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,320	-	6	6
STATEWIDE	ESTIMATE	4,533	1.52	4.57	85.7	2,975	3.00	992	0.5
	(SE)	3,063.08	51.28	2.77	14.29	1,477.21	1.05	373.93	0.20
	N	1,321	7	7	7	1,321	7	1,321	1,321

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 2003-04 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	32,209	1.25	6.46	97.1	25,037	5.41	4,988	14.6
	(SE)	7,556.46	0.24	1.08	2.86	6,451.74	1.04	832.15	2.29
2	N	1,313	32	35	35	1,293	32	239	239
	ESTIMATE	48,884	0.84	9.53	80.6	30	6.28	5,131	15.1
3	(SE)	22,542.37	0.23	4.16	6.69	11,533.08	2.27	843.62	2.32
	N	1,313	32	36	36	1,293	32	239	239
4	ESTIMATE	54,157	0.84	11.88	96.9	61,507	14.66	4,561	13.4
	(SE)	13,447.23	0.32	2.13	3.13	24,148.62	5.17	796.62	2.20
5	N	1,313	29	32	32	1,293	29	239	239
	ESTIMATE	52,732	1.44	7.40	94.0	35,891	5.17	7,126	20.9
6	(SE)	11,527.86	0.17	1.26	3.39	7,645.11	0.83	988.76	2.64
	N	1,313	48	50	50	1,293	48	239	239
STATEWIDE	ESTIMATE	44,323	1.48	6.76	87.0	27,787	4.47	6,556	19.3
	(SE)	9,889.35	0.26	1.16	5.02	6,124.47	0.73	949.88	2.56
STATEWIDE	N	1,313	43	46	46	1,293	43	239	239
	ESTIMATE	35,772	0.83	6.28	82.5	40,378	7.97	5,701	16.7
STATEWIDE	(SE)	9,685.49	0.14	1.41	6.08	9,781.70	1.42	887.86	2.42
	N	1,313	35	40	40	1,293	35	239	239
STATEWIDE	ESTIMATE	281,751	1.08	8.05	89.5	220,046	6.86	34,989	18.7
	(SE)	33,028.77	0.13	0.82	0.20	30,245.53	0.85	2,008.14	1.07
STATEWIDE	N	1,321	222	247	247	1,296	222	1,321	1,321

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 2003-04 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	18,0505	3.40	20.56	96.7	44,904	5.45	8,781	15.5
	(SE)	42,933.86	0.41	4.19	2.30	7,834.98	0.64	1,097.96	1.83
2	ESTIMATE	109,109	2.28	12.43	96.7	42,549	5.16	8,781	15.5
	(SE)	21,022.80	0.32	1.84	2.30	7,900.44	0.69	1,097.96	1.83
3	ESTIMATE	98,677	2.34	14.16	93.2	36,512	6.05	6,333	11.2
	(SE)	20,607.60	0.59	2.51	3.84	11,072.50	1.60	938.87	1.59
4	ESTIMATE	170,716	2.41	13.33	92.1	66,400	5.31	12,811	22.7
	(SE)	25,670.53	0.22	1.48	2.88	10,674.85	0.65	1,311.15	2.11
5	ESTIMATE	137,897	2.41	14.30	86.6	53,002	5.71	9,644	17.0
	(SE)	24,586.25	0.26	1.91	4.20	10,236.10	0.86	1,147.90	1.90
6	ESTIMATE	160,928	2.00	15.75	88.7	72,583	7.83	10,220	18.1
	(SE)	25,742.53	0.30	1.76	3.78	14,381.09	1.23	1,179.75	1.94
STATEWIDE	ESTIMATE	880,243	2.46	15.01	92.3	320,245	5.85	58,645	31.3
	(SE)	64,445.61	0.15	0.91	1.31	24,496.41	0.37	2,389.18	1.28
	N	1,321	375	414	414	1,282	375	1,321	1,321

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2003-04 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	19,563	0.42	14.29	85.7	33,456	33.71	992	13.7
	(SE)	11,341.34	0.07	9.18	14.29	25,298.06	23.86	374.21	4.87
2	ESTIMATE	17,862	0.54	9.56	100.0	22,398	17.56	1,276	17.7
	(SE)	8,847.28	0.11	4.54	<0.01	12,62.87	8.47	423.99	5.39
3	ESTIMATE	14,176	1.82	12.50	87.5	7,797	6.88	1,134	15.7
	(SE)	7,850.53	0.77	5.70	12.50	3,303.76	1.73	399.90	5.14
4	ESTIMATE	10,065	0.56	3.00	76.9	9,923	5.38	1,843	25.5
	(SE)	4,820.03	0.18	0.94	12.16	4,759.37	2.20	508.80	61.63
5	ESTIMATE	7,513	0.83	7.00	100.0	8,364	8.43	992	13.7
	(SE)	3,441.40	0.34	2.35	0.00	4,140.35	2.92	374.21	4.87
6	ESTIMATE	7,088	0.36	6.57	71.4	18,146	18.29	992	13.7
	(SE)	4,538.34	0.91	4.13	18.44	10,507.38	8.68	374.21	4.87
STATEWIDE	ESTIMATE	78,194	0.59	8.19	86.5	101,708	13.81	7,366	3.9
	(SE)	17,920.01	0.10	1.81	4.78	30,915.10	3.79	1,001.56	0.54
	N	1,321	52	52	52	1,321	52	1,321	1,321

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCK HUNTING IN MISSISSIPPI DURING THE 2003-04 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	33,466	1.39	13.06	83.3	24,067	9.39	2,563	17.7
	(SE)	12,593.21	0.21	4.14	9.04	8,366.95	2.48	600.27	3.79
2	ESTIMATE	1,314	18	18	18	1,314	18	102	102
	(SE)	112,931	1.51	26.86	96.4	70,777	17.75	3,987	27.5
3	ESTIMATE	29,998.13	0.34	5.64	3.57	19,510.25	3.66	745.77	4.44
	(SE)	1,314	28	28	28	1,314	28	102	102
4	ESTIMATE	100,968	1.88	20.03	93.8	48,562	10.66	4,557	31.4
	(SE)	25,380.31	0.26	4.20	4.35	11,299.18	1.66	796.02	4.62
5	ESTIMATE	1,314	32	32	32	1,314	32	102	102
	(SE)	4,130	1.12	2.64	72.7	3,703	2.36	1,567	10.8
6	ESTIMATE	1,769.99	0.42	0.85	14.08	1,377.45	0.54	470.52	3.09
	(SE)	15,238	1.45	9.30	100.0	9,114	6.40	1,424	98.0
STATEWIDE	ESTIMATE	5,273.63	0.45	2.10	0.01	3,776.99	1.81	447.79	2.96
	(SE)	1,314	10	10	10	1,314	10	102	102
STATEWIDE	ESTIMATE	3,703	1.73	8.67	66.7	2,136	5.00	427	2.9
	(SE)	2,624.91	0.35	4.37	33.33	1,342.71	1.53	246.47	1.68
STATEWIDE	ESTIMATE	1,314	3	3	3	1,314	3	102	102
	(SE)	294,075	1.55	17.07	88.1	170,127	11.02	15,440	8.3
STATEWIDE	ESTIMATE	42,142.84	0.18	2.18	3.12	25,027.94	1.27	1,417.13	0.76
	(SE)	1,321	109	109	109	1,321	109	1,321	1,321

TABLE 10. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF MALLARD HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

MALLARDS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	9,969	0.41	3.89	61.1
	(SE)	3,507.82	0.08	1.05	11.82
2	N	1,314	18	18	18
	ESTIMATE	55,112	0.71	12.68	82.1
3	(SE)	16,552.18	0.21	3.40	7.37
	N	1,314	28	28	28
4	ESTIMATE	44,717	0.77	8.22	81.3
	(SE)	11,525.45	0.14	1.89	70.01
5	N	1,314	32	32	32
	ESTIMATE	1,282	0.35	0.82	45.5
6	(SE)	682.32	0.18	0.38	15.75
	N	1,314	11	11	11
STATEWIDE	ESTIMATE	3,133	0.28	1.80	50.0
	(SE)	1,478.00	0.13	0.81	16.67
STATEWIDE	N	1,314	10	10	10
	ESTIMATE	570	0.26	1.33	33.3
STATEWIDE	(SE)	569.64	0.22	1.33	33.33
	N	1,314	3	3	3
STATEWIDE	ESTIMATE	124,373	0.63	6.94	67.9
	(SE)	20,832.80	0.10	1.14	4.93
STATEWIDE	N	1,321	109	109	109

TABLE 11. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOOD DUCK HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

WOOD DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	14,099	0.59	5.50	61.1
	(SE)	5,924.74	0.10	1.97	11.82
2	N	1,314	18	18	18
	ESTIMATE	31,330	0.43	7.68	67.9
3	(SE)	12,655.37	0.16	2.88	8.99
	N	1,314	28	28	28
4	ESTIMATE	19,225	0.38	4.09	68.8
	(SE)	6,214.96	0.09	1.17	8.33
5	N	1,314	32	32	32
	ESTIMATE	2,563	0.69	1.64	63.6
6	(SE)	1,155.22	0.27	0.58	15.21
	N	1,314	11	11	11
STATEWIDE	ESTIMATE	9,684	0.91	5.80	80.0
	(SE)	3,710.85	0.32	1.65	13.33
STATEWIDE	N	1,314	10	10	10
	ESTIMATE	3,133	1.47	7.33	66.7
STATEWIDE	(SE)	2,223.67	0.36	3.71	33.33
	N	1,314	3	3	3
STATEWIDE	ESTIMATE	87,118	0.47	5.17	65.1
	(SE)	15,971.42	0.08	0.91	4.60
STATEWIDE	N	1,321	109	109	109

TABLE 12. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF OTHER DUCK HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

<u>OTHER DUCKS</u>					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	9,399	0.39	3.67	50.0
	(SE)	3,844.69	0.08	1.27	12.13
2	N	1,314	18	18	18
	ESTIMATE	26,488	0.37	6.50	71.4
3	(SE)	7,684.68	0.09	1.52	8.69
	N	1,314	28	28	28
4	ESTIMATE	37,026	0.72	7.72	71.9
	(SE)	11,793.16	0.17	2.21	8.08
5	N	1,314	32	32	32
	ESTIMATE	285	0.08	0.18	18.2
6	(SE)	201.32	0.06	0.12	12.20
	N	1,314	11	11	11
STATEWIDE	ESTIMATE	2,421	0.27	1.70	50.0
	(SE)	1,181.50	0.13	0.67	16.67
STATEWIDE	N	1,314	10	10	10
	ESTIMATE	0	0.0	0.0	0.0
STATEWIDE	(SE)	0.00	0.00	0.00	0.00
	N	1,314	3	3	3
STATEWIDE	ESTIMATE	82,585	0.45	4.97	56.9
	(SE)	14,732.03	0.07	0.83	4.77
STATEWIDE	N	1,321	109	109	109

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 2003-04 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	851	2.00	6.00	100.0	426	3.00	142	4.8
	(SE)	851.22	-	-	-	425.61	-	141.87	4.76
2	ESTIMATE	1,319	1	1	1	1,319	1	21	21
	(SE)	26,955	1.18	15.67	66.7	22,699	13.33	1,702	57.1
3	ESTIMATE	14,993.34	0.47	7.90	14.21	8,649.87	3.48	489.40	11.07
	(SE)	1,319	12	12	12	1,319	12	21	21
4	ESTIMATE	10,073	2.10	5.25	100.0	1,419	2.50	567	19.1
	(SE)	7,400.70	0.54	3.07	0.00	918.94	1.19	283.42	8.78
5	ESTIMATE	1,319	4	4	4	1,319	4	21	21
	(SE)	142	0.13	0.50	50.0	1,135	4.00	284	9.5
6	ESTIMATE	141.87	0.22	0.50	50.00	1,003.06	3.00	200.56	6.56
	(SE)	1,319	2	2	2	1,319	2	21	21
STATEWIDE	ESTIMATE	142	1.00	1.00	100.0	142	1.00	142	47.6
	(SE)	141.87	-	-	-	141.87	-	141.87	4.76
STATEWIDE	ESTIMATE	1,319	1	1	1	1,319	1	21	21
	(SE)	426	0.50	3.00	100.0	851	6.00	142	4.8
STATEWIDE	ESTIMATE	425.61	-	-	-	851.22	-	141.87	4.76
	(SE)	1,319	1	1	1	1,319	1	21	21
STATEWIDE	ESTIMATE	38,672	0.94	9.57	70.0	33,147	10.17	3,258	1.7
	(SE)	16,708.73	0.38	4.30	9.81	10,844.68	2.64	673.67	0.36
STATEWIDE	ESTIMATE	1,321	23	23	23	1,321	23	1,321	1,321
	(SE)	1,321	23	23	23	1,321	23	1,321	1,321

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL HUNTING DAYS	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
2	N	1,320	-	-	-	1,320	-	3	3
	ESTIMATE	142	1.00	1.00	100.0	142	1.00	142	33.3
	(SE)	141.76	-	-	-	141.76	-	141.76	33.33
	N	1,320	1	1	1	1,320	1	3	3
3	ESTIMATE	0	-	-	-	0	-	0	0.00
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,320	-	3	3
	ESTIMATE	567	1.33	2.00	100.0	425	1.50	284	66.7
4	(SE)	400.81	0.44	0.00	0.00	316.89	0.50	200.41	33.33
	N	1,320	2	2	2	1,320	2	3	3
5	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,320	-	3	3
	ESTIMATE	0	-	-	-	0	-	0	0.0
6	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,320	-	3	3
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STATEWIDE	ESTIMATE	992	1.25	1.75	100.0	567	1.33	567	0.3
	(SE)	510.21	0.29	0.25	0.00	347.03	0.33	282.99	0.15
	N	1,321	3	4	4	1,320	3	1,321	1,321

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 2003-04 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)	0.00	-	-	-	0.00	-	0.00	0.00
2	N	1,320	-	-	-	1,319	-	2	11
	ESTIMATE	0	-	-	-	0	-	0	0.0
(SE)	0.00	-	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,319	-	2	2
3	ESTIMATE	141	1.00	1.00	100.0	141	1.00	141	50.0
	(SE)	141.76	-	-	-	141.87	-	141.87	50.00
4	N	1,320	1	1	1	1,319	1	2	2
	ESTIMATE	0	-	-	-	0	-	0	0.0
(SE)	0.00	-	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,319	-	2	2
5	ESTIMATE	142	-	1.00	100.0	0	-	142	50.0
	(SE)	141.76	-	-	-	0.00	-	141.76	50.00
6	N	1,320	-	1	1	1,319	-	2	2
	ESTIMATE	0	-	-	-	0	-	0	0.0
(SE)	0.00	-	-	-	-	0.00	-	0.00	0.00
	N	1,320	-	-	-	1,319	-	2	2
STATEWIDE	ESTIMATE	708	1.00	1.67	100.0	142	1.00	425	0.2
	(SE)	469.59	0.00	0.67	0.00	141.87	0.00	245.17	0.13
N	1,321	1	3	3	3	1,319	1	1,321	1,321

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	1,705	0.30	1.38	100.0	2,861	4.00	1,137	29.6
	(SE)	601.21	0.16	0.18	0.00	2,178.46	2.76	400.81	8.96
2	ESTIMATE	1,317	5	8	8	1,308	5	27	27
	(SE)	1,279	0.17	1.80	100.0	6,009	10.50	710	18.5
3	ESTIMATE	618.57	0.14	0.37	0.00	4,458.86	6.65	317.23	7.62
	(SE)	1,317	4	5	5	1,308	4	27	27
4	ESTIMATE	1,137	1.00	1.67	100.0	286	2.00	426	11.1
	(SE)	602.23	-	0.33	0.00	286.13	-	245.91	6.16
5	ESTIMATE	1,317	1	3	3	1,308	1	27	27
	(SE)	853	0.56	1.00	100.0	1,288	1.80	853	22.2
6	ESTIMATE	347.37	0.25	0.00	0.00	769.89	0.80	347.37	8.15
	(SE)	1,317	5	6	6	1,308	5	27	27
STATEWIDE	ESTIMATE	284	-	2.00	100.0	0	-	142	3.7
	(SE)	284.17	-	-	-	0.00	-	142.09	3.70
STATEWIDE	ESTIMATE	1,317	-	1	1	1,308	-	27	27
	(SE)	426	0.11	0.75	75.0	2,719	6.33	568	14.8
STATEWIDE	ESTIMATE	245.91	0.10	0.25	25.00	1,923.98	3.18	283.85	6.70
	(SE)	1,317	3	4	4	1,308	3	27	27
STATEWIDE	ESTIMATE	6,516	0.24	1.35	96.8	13,162	5.11	4,391	2.4
	(SE)	1,254.73	0.10	0.12	3.22	5,376.97	1.76	779.69	0.42
STATEWIDE	ESTIMATE	1,321	18	31	31	1,308	18	1,321	1,321
	(SE)	1,321	18	31	31	1,308	18	1,321	1,321

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	4,272	0.47	2.90	100.0	4,606	6.40	1,424	19.6
	(SE)	1,448.06	0.18	0.46	0.00	2,414.77	1.96	448.79	5.61
2	N	1,314	5	10	10	1,300	16	51	51
	ESTIMATE	5,696	0.53	2.86	85.7	7,77	6.00	1,994	27.5
3	(SE)	2,247.06	0.25	0.86	9.71	4,709.78	3.22	530.20	6.31
	N	1,314	9	14	14	1,300	9	51	51
4	ESTIMATE	3,275	0.12	2.00	88.9	18,137	15.75	1,282	17.7
	(SE)	1,310.34	0.08	0.58	11.11	12,071.67	9.50	425.92	5.39
5	N	1,314	8	9	9	1,300	8	51	51
	ESTIMATE	4,700	0.39	2.20	86.7	11,803	5.86	2,136	29.4
6	(SE)	1,943.84	0.21	0.74	9.09	6,804.33	3.11	548.60	6.44
	N	1,314	14	15	15	1,300	14	51	51
5	ESTIMATE	285	0.00	1.00	50.0	144	1.00	285	3.9
	(SE)	284.82	-	1.00	50.00	143.94	-	201.32	2.74
6	N	1,314	1	2	2	1,300	1	51	51
	ESTIMATE	142	-	1.00	100.0	0	-	142	2.0
6	(SE)	142.41	-	-	-	0.00	-	142.41	1.96
	N	1,314	-	1	1	1,300	-	51	51
STATEWIDE	ESTIMATE	20,682	0.32	2.41	87.9	43,548	7.77	8,216	4.4
	(SE)	3,678.59	0.10	0.31	4.32	14,811.48	2.37	1,055.26	0.57
STATEWIDE	N	1,321	39	58	58	1,302	18	1,321	1,321

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	2,611	0.05	0.53	35.3	43,257	9.16	4,932	16.2
	(SE)	791.36	<0.01	0.14	8.32	9,568.81	1.26	834.58	2.55
2	ESTIMATE	1,256	32	34	34	1,234	32	210	210
	(SE)	4,642	0.08	1.10	58.6	52,706	13.73	4,206	13.8
3	ESTIMATE	1,307.45	0.02	0.24	9.31	13,103.92	2.17	772.35	2.39
	(SE)	1,256	26	29	29	1,234	26	210	210
4	ESTIMATE	4,206	0.06	0.83	57.1	52,853	13.26	5,077	16.7
	(SE)	1,029.45	0.01	0.15	8.49	14,195.76	2.56	846.42	2.58
5	ESTIMATE	1,256	27	35	35	1,234	27	210	210
	(SE)	3,771	0.05	0.54	43.8	67,026	10.09	6,962	22.9
6	ESTIMATE	864.11	<0.01	0.10	7.24	13,550.15	1.42	985.93	2.91
	(SE)	1,256	45	48	48	1,234	45	210	210
STATEWIDE	ESTIMATE	8,123	0.09	1.33	76.2	75,589	14.22	6,092	20.0
	(SE)	1,738.38	0.01	0.20	0.07	15,553.34	1.79	924.54	2.77
STATEWIDE	ESTIMATE	1,256	36	42	42	1,234	36	210	210
	(SE)	2,466	0.04	0.77	40.9	57,873	17.82	3,191	10.5
STATEWIDE	ESTIMATE	992.37	0.02	0.27	10.73	18,591.69	4.41	674.63	2.12
	(SE)	1,256	22	22	22	1,234	22	210	210
STATEWIDE	ESTIMATE	30,055	0.06	0.91	54.5	363,924	12.60	33,189	18.2
	(SE)	3,122.57	<0.01	0.08	3.27	34,629.98	0.87	1,967.04	1.08
STATEWIDE	ESTIMATE	1,279	197	233	233	1,243	197	1,279	1,279
	(SE)	1,279	197	233	233	1,243	197	1,279	1,279

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2003-04 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	580	0.01	0.12	11.8	2,031	0.04	0.41	29.4
	(SE)	289.75	<0.01	0.06	5.61	678.19	<0.01	0.12	7.93
2	N	1,256	32	34	34	1,256	32	34	34
	ESTIMATE	1,596	0.03	0.38	34.5	3,046	0.05	0.72	48.3
3	(SE)	521.25	<0.01	0.10	0.09	902.11	0.01	0.17	9.44
	N	1,256	26	29	29	1,256	26	29	29
4	ESTIMATE	725	0.00	0.14	11.4	3,481	0.05	0.69	51.4
	(SE)	383.37	<0.01	0.07	5.46	865.08	0.01	0.13	8.57
5	N	1,256	27	35	35	1,256	27	35	35
	ESTIMATE	1,596	0.02	0.23	20.8	2,176	0.02	0.31	29.2
6	(SE)	521.25	<0.01	0.07	5.92	595.13	<0.01	0.07	6.63
	N	1,256	45	48	48	1,256	45	48	48
STATEWIDE	ESTIMATE	1,886	0.02	0.31	26.2	6,237	0.07	1.02	71.4
	(SE)	630.26	<0.01	0.09	6.87	1,277.67	0.01	0.14	0.07
STATEWIDE	N	1,256	36	42	42	1,256	36	42	42
	ESTIMATE	725	0.01	0.23	18.2	1,740	0.03	0.55	36.4
STATEWIDE	(SE)	383.37	<0.01	0.11	8.42	678.84	0.01	0.18	10.50
	N	1,256	22	22	22	1,256	22	22	22
STATEWIDE	ESTIMATE	8,689	0.16	0.26	21.9	21,366	0.04	0.64	45.9
	(SE)	1,322.16	<0.01	0.4	2.72	2,227.73	<0.01	0.06	3.27
STATEWIDE	N	1,279	197	233	233	1,279	197	233	233

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMITIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	AVERAGE SEASONAL SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL HUNTING DAYS	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	3,518 898.33 1,243	0.09 0.02 34	0.65 0.13 37	46.0 8.31 37	33,425 6,435.22 1,210	6.53 0.61 34	5,423 878.51 291	12.7 1.96 291
2	ESTIMATE (SE) N	5,130 1,209.23 1,243	0.08 0.02 39	0.78 0.15 45	48.9 7.54 45	45,169 9,830.71 1,210	7.69 1.17 39	6,595 965.62 291	15.5 2.12 291
3	ESTIMATE (SE) N	6,009 1,241.11 1,243	0.11 0.02 39	0.91 0.13 45	62.2 7.31 45	43,663 9,322.39 1,210	7.44 1.08 39	6,595 965.62 291	15.5 2.12 291
4	ESTIMATE (SE) N	8,208 1,548.11 1,243	0.08 0.02 67	0.72 0.11 78	48.7 5.70 78	69,560 11,413.43 1,210	6.90 0.79 67	11,432 1,253.67 291	26.8 2.60 291
5	ESTIMATE (SE) N	4,104 965.61 1,243	0.07 0.02 42	0.62 0.12 45	46.7 7.52 45	49,987 11,866.90 1,210	7.90 1.46 42	6,595 965.62 291	15.5 2.12 291
6	ESTIMATE (SE) N	5,570 1,251.38 1,243	0.08 0.02 37	0.93 0.15 41	58.5 7.80 41	55,407 16,624.95 1,210	9.95 2.55 37	6,009 923.25 291	14.1 2.04 291
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STATEWIDE	ESTIMATE (SE) N	37,604 3,107.30 1,279	0.08 <0.01 271	0.81 0.05 327	54.4 2.76 327	307,609 26,644.21 1,223	7.62 0.52 271	46,578 2,223.11 1,279	25.6 1.22 1,279

TABLE 21. EXPANDED STATEWIDE AND DISTRICT OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	1,612	0.05	0.30	27.0	1,905	0.04	0.35	29.7
	(SE)	526.68	0.01	0.09	7.40	602.13	0.01	0.10	7.62
2	ESTIMATE	1,243	34	37	37	1,243	34	37	37
	(SE)	1,466	0.02	0.22	22.2	3,664	0.06	0.56	42.2
3	ESTIMATE	461.80	<0.01	0.06	6.26	919.75	0.01	0.11	0.07
	(SE)	1,243	39	45	45	1,243	39	45	45
4	ESTIMATE	2,785	0.06	0.42	35.6	3,224	0.05	0.49	40.0
	(SE)	728.86	0.01	0.09	0.07	797.87	0.01	0.10	7.39
5	ESTIMATE	1,243	39	45	45	1,243	39	45	45
	(SE)	2,931	0.03	0.26	19.2	5,276	0.05	0.46	38.5
6	ESTIMATE	850.91	<0.01	0.07	4.49	1,004.76	0.01	0.07	5.54
	(SE)	1,243	67	78	78	1,243	67	78	78
STATEWIDE	ESTIMATE	1,466	0.02	0.22	22.2	2,638	0.05	0.40	33.3
	(SE)	461.80	<0.01	0.06	6.27	714.40	0.01	0.09	7.11
STATEWIDE	ESTIMATE	1,243	42	45	45	1,243	42	45	45
	(SE)	1,466	0.02	0.24	24.4	4,104	0.06	0.68	51.2
STATEWIDE	ESTIMATE	461.80	<0.01	0.07	6.79	1,009.15	0.02	0.13	7.90
	(SE)	1,243	37	41	41	1,243	37	41	41
STATEWIDE	ESTIMATE	13,817	0.03	0.29	26.0	23,788	0.51	0.66	40.4
	(SE)	1,584.49	<0.01	0.03	2.43	2,166.67	0.04	0.05	2.72
STATEWIDE	ESTIMATE	1,279	271	327	327	1,279	327	439	327
	(SE)	1,279	271	327	327	1,279	327	439	327

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI DURING THE 2003-04 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	31,231	0.11	1.66	72.4	25,5055	14.13	18,831	16.2
	(SE)	3,907.88	0.01	0.15	4.05	29,194.52	0.97	1,608.43	1.34
2	ESTIMATE	1,190	107	123	123	1,080	107	759	759
	(SE)	29,394	0.09	1.48	68.5	265,007	14.03	19,902	17.1
3	ESTIMATE	3,555.86	<0.01	0.13	4.09	30,637.17	1.03	1648.13	1.37
	(SE)	1,190	112	130	130	1,080	112	759	759
4	ESTIMATE	23,730	0.11	1.57	75.3	174,760	13.28	14,850	12.8
	(SE)	3,134.37	0.01	0.14	0.04	23,194.14	1.01	1,445.65	1.21
5	ESTIMATE	1,190	78	97	97	1,080	78	759	759
	(SE)	43,632	0.09	1.45	67.4	433,863	15.22	30,006	25.8
6	ESTIMATE	4,100.37	<0.01	0.10	3.36	37,480.63	0.76	1,959.70	1.59
	(SE)	1,190	169	196	196	1,080	169	759	759
STATEWIDE	ESTIMATE	28,782	0.07	1.44	66.4	268,550	14.74	20,055	17.3
	(SE)	3,506.96	<0.01	0.13	4.14	30,329.54	0.98	1,653.68	1.37
STATEWIDE	ESTIMATE	1,190	108	131	131	1,080	108	759	759
	(SE)	13,472	0.06	1.04	57.3	203,268	16.07	12,554	10.8
STATEWIDE	ESTIMATE	2,504.94	<0.01	0.16	5.50	33,716.96	1.99	1,338.27	1.13
	(SE)	1,190	75	82	82	1,080	75	759	759
STATEWIDE	ESTIMATE	179,191	0.09	1.48	69.0	1,620,978	14.52	120,790	66.3
	(SE)	7,117.21	<0.01	0.05	1.59	61,005.12	0.42	2,408.83	1.32
STATEWIDE	ESTIMATE	1,279	682	848	848	1,113	682	1,279	1,279
	(SE)	1,279	682	848	848	1,113	682	1,279	1,279

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2003-04 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	15,463	0.05	0.82	52.0	15,769	0.05	0.84	50.4
	(SE)	2,102.39	<0.01	0.08	4.52	2,313.07	<0.01	0.10	4.53
2	N	1,190	107	123	123	1,190	107	123	123
	ESTIMATE	17,912	0.06	0.90	58.5	11,482	0.04	0.58	36.2
3	(SE)	2,184.84	<0.01	0.08	4.34	1,902.33	<0.01	0.08	4.23
	N	1,190	112	130	130	1,190	112	130	130
4	ESTIMATE	11,635	0.06	0.78	52.6	12,094	0.05	0.78	50.5
	(SE)	1,806.66	<0.01	0.10	5.10	1,861.71	<0.01	0.10	5.10
5	N	1,190	78	97	97	1,190	78	97	97
	ESTIMATE	22,811	0.05	0.76	52.0	20,821	0.04	0.69	44.4
6	(SE)	2,442.60	<0.01	0.06	3.58	2,374.98	<0.01	0.07	3.53
	N	1,190	169	196	196	1,190	169	196	196
STATEWIDE	ESTIMATE	14,697	0.04	0.73	49.6	14,085	0.04	0.70	42.8
	(SE)	2,021.78	<0.01	0.08	4.39	2,059.90	<0.01	0.09	4.34
STATEWIDE	N	1,190	108	131	131	1,190	108	131	131
	ESTIMATE	7,349	0.03	0.57	37.8	6,124	0.03	0.46	35.4
STATEWIDE	(SE)	1,562.40	<0.01	0.11	5.39	1,28.40	<0.01	0.09	5.31
	N	1,190	75	82	82	1,190	75	82	82
STATEWIDE	ESTIMATE	96,433	0.05	0.80	53.0	82,758	0.04	0.68	42.9
	(SE)	4,323.67	<0.01	0.03	1.72	4,301.12	<0.01	0.03	1.70
STATEWIDE	N	1,279	682	848	848	1,279	682	848	848

TABLE 24. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	4,760	0.11	1.03	65.6	40,030	9.13	4,616	14.9
	(SE)	1,137.50	0.02	0.17	8.53	8,574.44	1.07	805.89	2.43
2	ESTIMATE	1,263	30	32	32	1,247	30	215	215
	(SE)	4,616	0.10	0.82	43.6	41,053	7.81	5,626	18.1
3	ESTIMATE	1,217.53	0.01	0.18	0.08	9,433.14	1.27	887.15	2.63
	(SE)	1,263	36	39	39	1,247	36	215	215
4	ESTIMATE	5,193	0.09	1.20	63.3	44,121	12.08	4,327	14.0
	(SE)	1,282.38	0.01	0.21	8.95	12,060.09	2.32	780.93	2.37
5	ESTIMATE	1,263	25	30	30	1,247	25	215	215
	(SE)	6,203	0.10	1.45	42.9	57,416	7.28	8,078	26.1
6	ESTIMATE	1,395.61	0.00	0.10	6.67	11,081.91	1.03	1,055.65	3.00
	(SE)	1,263	54	56	56	1,247	54	215	215
STATEWIDE	ESTIMATE	5,337	0.10	0.93	60.0	47,481	8.78	5,770	18.6
	(SE)	1,206.60	0.02	0.15	7.85	9,826.45	1.15	898.08	2.66
STATEWIDE	ESTIMATE	1,263	37	40	40	1,247	37	215	215
	(SE)	2,163	0.06	0.83	50.0	29,511	11.88	2,596	8.4
STATEWIDE	ESTIMATE	801.13	0.02	0.25	12.13	10,051.03	2.95	607.85	1.89
	(SE)	1,263	17	18	18	1,247	17	215	215
STATEWIDE	ESTIMATE	31,195	0.10	0.95	55.0	263,474	8.77	32,904	18.1
	(SE)	2,925.53	0.007	0.07	3.28	24,068.52	0.58	1,960.45	1.1
STATEWIDE	ESTIMATE	1,279	207	231	231	1,255	207	1,279	1,279
	(SE)	1,279	207	231	231	1,255	207	1,279	1,279

TABLE 25. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 2003-04 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	-	-	-	0	-	0	0.00
	N	1,276	-	-	-	1,273	-	12	12
5	ESTIMATE	286	0.06	0.40	40.0	2,290	4.00	714	41.7
	(SE)	202	0.09	0.24	24.5	1,752	2.68	319	14.87
	N	1,276	4	5	5	1,273	4	12	12
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STATEWIDE	ESTIMATE	1,140	0.08	0.53	40.00	8,995	5.25	855	40.0
	(SE)	532.22	0.03	0.22	13.10	4,720.70	2.41	348.22	13.09
	N	1,279	12	15	15	1,276	12	15	15

(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 '01 AND SPRING '02) HUNTING IN MISSISSIPPI DURING THE 2003-04 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	246,850	0.08	1.93	71.6	2,390,619	20.24	127,199	69.8
	(SE)	9,694.85	<0.01	0.06	1.51	102,664.77	0.74	2,339.32	1.28
BUCK	ESTIMATE	118,938	0.03	0.93	893	2,390,619	20.24	127,199	69.8
	(SE)	5,274.05	<0.01	0.03	1.66	102,664.77	0.74	2,339.32	1.28
DOE	ESTIMATE	127,911	0.04	1.00	893	2,390,619	20.24	127,199	69.8
	(SE)	5,895.14	<0.01	0.04	1.67	102,664.77	0.74	2,339.32	1.28
TURKEY	ESTIMATE	32,334	0.09	0.95	893	1,097	7.11	1,279	18.6
	(SE)	3,031.90	<0.01	0.07	3.23	25,373.09	0.60	1,983.28	1.08
	N	1,279	212	238	238	1,253	212	1,279	1,279

(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 2003-04 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	283	0.08	0.50	50.0	1,712	4.00	567	97.6
	(SE)	200.41	0.10	0.28	28.88	1,123.33	1.52	283.20	4.69
2	ESTIMATE	1,320	3	4	4	1,311	3	41	41
	(SE)	29,061	0.27	41.00	100.0	1,570	5.50	708	12.2
3	ESTIMATE	28,354.36	0.13	39.75	0.00	1,434.36	4.50	316.51	5.17
	(SE)	1,320	2	2	5	1,311	2	41	41
4	ESTIMATE	1,417	0.28	1.25	75.0	4,567	4.57	1,134	19.5
	(SE)	633.02	0.12	0.36	16.36	2,208.49	1.49	399.90	6.26
5	ESTIMATE	1,320	7	8	8	1,311	7	41	41
	(SE)	5,386	0.20	4.22	88.9	4,282	5.00	1,275	22.0
6	ESTIMATE	4,013.43	0.09	2.98	11.11	2,263.63	1.84	423.99	6.54
	(SE)	1,320	6	9	9	1,311	6	41	41
STATEWIDE	ESTIMATE	1,275	0.64	1.80	80.0	19,982	28.00	708	12.2
	(SE)	679.22	0.03	0.58	0.20	14,819.25	18.52	316.51	5.17
STATEWIDE	ESTIMATE	1,320	5	5	5	1,311	5	41	41
	(SE)	1,559	0.14	1.10	50.0	10,134	7.88	1,417	24.4
STATEWIDE	ESTIMATE	861.56	0.04	0.52	16.66	4,899.07	2.93	446.76	6.79
	(SE)	1,320	9	10	10	1,311	9	41	41
STATEWIDE	ESTIMATE	39,380	0.13	6.62	73.81	42,250	9.25	5,950	3.18
	(SE)	28,638.26	0.04	4.76	6.88	15,999.57	3.16	904.66	<0.01
STATEWIDE	ESTIMATE	1,321	32	42	42	1,311	32	1,321	1,321
	(SE)								

## Summary of Resident Responses to Opinion Questions for 2003-2004

Table 28. Percent of respondents by their age.

Age	Frequency	Percent
18-20	48	4.49
21-25	68	6.36
26-30	70	6.55
31-35	101	9.45
36-40	121	11.32
41-45	170	15.90
46-50	141	13.19
51-55	152	14.22
56-60	116	10.85
61-65	75	7.02
> 66	7	0.65
TOTAL	1,069	100.00

n missing= 204

Average age of hunters= 43.45 years

Table 29. Percent of respondents by their gender.

Sex	Frequency	Percent
MALE	1,001	93.81
FEMALE	66	6.19
TOTAL	1,067	100.00

n missing= 206

Table 30. Percent of respondents by their approximate annual household income before taxes.

Household income	Frequency	Percent
Under 10,999	40	4.09
10,000-19,999	68	6.95
20,000-29,999	113	11.54
30,000-39,999	117	11.95
40,000-49,999	118	12.05
50,000-59,999	120	12.26
60,000-69,999	86	8.78
70,000-79,999	82	8.38
80,000-89,999	58	5.92
90,000-99,999	42	4.29
100,000 and above	135	13.79
TOTAL	979	100.00

n missing= 294

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

Education	Frequency	Percent
Elementary	20	1.89
High School	450	42.57
College	492	46.55
Graduate School	95	8.99
TOTAL	1057	100.00

n missing= 216

Table 32. Percent of respondents by their Spanish/Hispanic origin.

Spanish/Hispanic origin	Frequency	Percent
No, not Spanish/Hispanic	937	99.36
Yes, Mexican, American, Chicano	1	0.11
Yes, other Spanish/Hispanic group	5	0.53
TOTAL	943	100.00

n missing= 330

Respondents' specifications [See Table 32] of their Other Spanish/Hispanic origin.

Specify	Frequency	Percent
Puerto Rican	1	100.00
TOTAL	1	100.00

n missing= 4

Table 33: Percent of respondents by their race.

Race	Frequency	Percent
White of Anglo	999	93.98
Black or African American	58	5.46
Native American or Alaskan Native	6	0.56
TOTAL	1063	100.00

n missing= 210

Appendix A

Questionnaire: 2004 Survey of Mississippi Resident Hunters

*2004 Survey of Mississippi  
Resident Hunters*

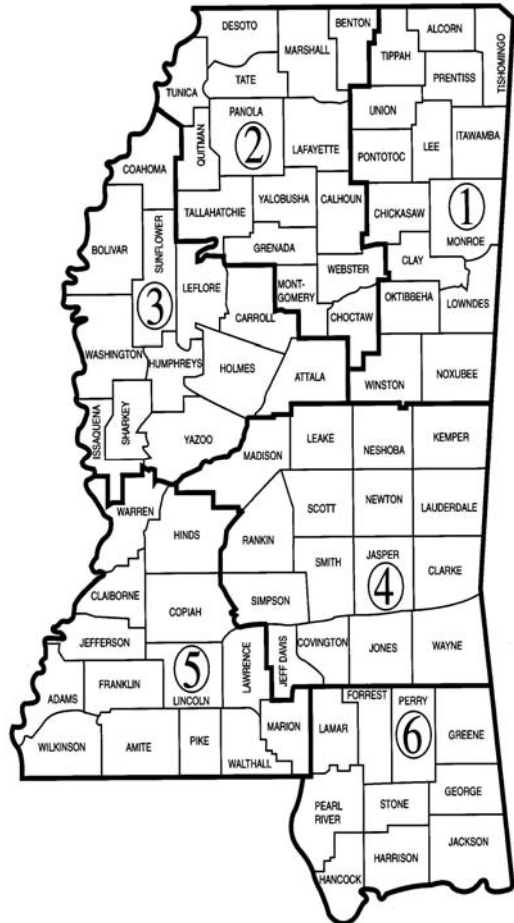


*Conducted for the  
Mississippi Department of Wildlife, Fisheries & Parks  
by the  
Human Dimensions & Conservation Law Enforcement Laboratory  
Forest and Wildlife Research Center  
Mississippi State University*

1. Please fill in the blocks below for each game, furbearer, or predatory species you hunted during the 2003-2004 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 2003-04 season	Days hunted species in Mississippi in 2003-04 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 2002)				
Turkey (Spring 2003)				

	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. What is your age?

\_\_\_\_\_ YEARS

3. Are you?

- 1 MALE
- 2 FEMALE

4. 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 |                        |

5. What is your highest completed level of education? (Circle only one number)

- |            |          |          |          |             |          |          |          |          |           |           |           |                 |           |           |           |           |           |           |           |           |            |
|------------|----------|----------|----------|-------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| <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 |           |           |           |           |           |           |           |           |            |

6. Are you of Spanish/Hispanic origin?

- 1 NO, NOT SPANISH/HISPANIC
- 2 YES, MEXICAN, MEXICAN AMERICAN, CHICANO
- 3 YES, OTHER SPANISH/HISPANIC GROUP (*Please specify:* \_\_\_\_\_)

7. What is your race?

- 1 WHITE OR ANGLO
- 2 BLACK OR AFRICAN AMERICAN
- 3 NATIVE AMERICAN OR ALASKAN NATIVE
- 4 ASIAN OR PACIFIC ISLANDER
- 5 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  
2/04

## Appendix B

Survey correspondence with hunters for the  
2004 Survey of Mississippi Resident Hunters

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Mississippi State  
UNIVERSITY

Department of Wildlife and Fisheries  
Box 9690  
Mississippi State, MS 39762-9690

September 6, 2004

John Doe  
123 Buck Drive  
Fawn, MS 30759

Dear John:

In conjunction with the Mississippi Department of Wildlife, Fisheries and Parks (MDWFP) we are conducting the annual harvest survey of licensed hunters in Mississippi. We conduct this study each year to determine the demographic characteristics of hunters and the amount of game they harvested in Mississippi during the previous hunting season. The information you provide helps managers evaluate how wildlife populations and hunter harvest are affected by various management programs and regulations.

The enclosed survey is designed to tell us about your game harvest in the 2003-2004 Mississippi hunting season (September 1, 2003 – May 1, 2004). Although the survey is completely voluntary, we hope that you will take the 5-10 minutes necessary to provide your input and be a part of the wildlife management process. If you bought a license but did not hunt last 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.

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, just occasionally, or last year was your first time hunting in Mississippi. 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) 325-0994.

Thank you in advance for your cooperation. We hope you are taking advantage of the current dove hunting season, and that the rest of your 2004-05 hunting season is a safe and successful one.

Sincerely,

A handwritten signature in cursive script that reads "Kevin M. Hunt".

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

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Department of Wildlife and Fisheries  
Box 9690  
Mississippi State, MS 39762-9690

October 1, 2004

Johnny M. Hunter  
1234 Duck Drive  
Starkville, MS 39759

Dear Johnny:

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 success and accuracy of our study depends on you and the others who have not yet responded. You and the others who have yet responded may represent a completely different portion of the hunting public than those who have sent in their questionnaires and have different hunting patterns and harvest rates. 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 2003-2004 hunting season. Results help MDWFP wildlife biologists better understand how harvest regulations affect wildlife populations so they can make improvements that benefit both hunters and wildlife. Although the survey is completely voluntary, we hope that you will take the 5-10 minutes necessary to provide your input and be a part of the wildlife management process. If you did not hunt during the 2003-2004 hunting season please write **DID NOT HUNT** on the front of the questionnaire and mail it back to us so we can take your name off the mailing list.

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

Sincerely,

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

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

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Mississippi State  
UNIVERSITY

Department of Wildlife and Fisheries  
Box 9690  
Mississippi State, MS 39762-9690

November 3, 2004

Johnny M. Hunter  
1234 Duck Drive  
Starkville, MS 39759

Dear Johnny:

About a month ago, we sent you a survey of Mississippi resident hunters. As of today, we have not yet received your completed questionnaire. If you have recently returned your survey, please accept our thanks.

You are one of a small number of hunters selected to participate in this study. The success and accuracy of our study depends on you and the others who have not yet responded. Those who have not responded may represent a completely different portion of the hunting public than those who have already sent us their questionnaires. We need your help in making sure this study is representative of all hunters in Mississippi.

If you did not hunt during the 2003-2004 hunting season please write **DID NOT HUNT** on the front of the questionnaire. After you write on the cover or complete the questionnaire, please return it to Mississippi State University in the postage-paid, business reply envelope as soon as possible. This will help us complete the study and prevent you from being further contacted about this study.

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) 325-0994. Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Kevin M. Hunt".

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