

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

By

**Dr. Kevin M. Hunt, Sharon D. Fuller, Edith M. Parks,
Kevin D. Brunke, and Vamshi Mittapalli
Human Dimensions & Conservation Law Enforcement Laboratory
Forest & Wildlife Research Center
Mississippi State University
Mississippi State, MS 39762-9690**

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INTRODUCTION

The primary purpose of the Mississippi non-resident hunter survey is to establish annual statewide and district estimates of hunter effort and harvest for each game species. These estimates provide trend data which allows Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP) Wildlife Division staff to monitor changes in harvest and effort through time. The secondary purpose is to measure non-resident hunter's 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 1998, 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 2003-04 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 133, 134, 140, and 141) purchased during the 2003-2004 license year. A random sample of 3,000 license holders was selected to participate in this study from the 31,479 non-resident 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.

Data entry involved entering data from the surveys into the computer using a Microsoft Access data entry screen that had been previously developed. First, non-numeric responses in the survey were numerically coded for preparation for data entry. After all responses were converted

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

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

RESULTS

A total of 3,000 questionnaires were mailed to nonresident hunters. There were a total of 1,424 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2003-04 season (n=1,335), and those who indicated they "DID NOT HUNT" on their returned survey (n=89). 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 4 individuals indicated their refusal to participate, and 1 individual was reported as being deceased. When non-deliverables (n=443) were excluded from consideration, an effective response rate of 55.8% was obtained.

Statewide expansions were calculated based on the 31,479 non-resident hunting licenses sold and accounted for by June 30, 2004. There were 31,479 individuals licensed to hunt small game and 21,609 of these license holders also were eligible to pursue big game (deer and turkey) in Mississippi during the 2003-2004 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 are provided in Tables 18-26. Table 27 summarizes district and statewide estimates for feral hog. Tables 28-34 summarize non-resident demographic characteristics.

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TABLE 1. EXPANDED STATEWIDE COVERAGE OF THE 2003-04 MISSISSIPPI MAIL SURVEY OF GAME HARVEST BASED ON 31,479 SMALL GAME LICENSE HOLDERS AND 21,609 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	70,853	7.27	21.60	93.3	9,469	2.98	3,280	10.4
QUAIL	10,025	6.24	32.94	83.3	1,606	5.28	305	1.0
WOODCOCK	456	2.70	5.40	80.0	169	2.00	85	0.3
RABBIT	12,764	1.76	8.12	92.5	6,469	4.48	1,573	5.0
SQUIRREL	57,514	3.11	15.97	92.5	17,201	4.99	3,601	11.4
RACCOON	3,297	0.42	7.72	88.0	7,861	18.60	423	1.3
TOTAL DUCK	79,441	2.37	16.55	88.1	28,757	6.97	4,126	13.1
MALLARD	38,732	1.14	7.92	78.7	28,757	6.97		
WOOD DUCK	12,257	0.34	2.34	46.7	28,757	6.97		
OTHER DUCKS	28,453	0.90	6.28	69.7	28,757	6.97		
GEESE	2,992	1.01	4.25	75.0	2,282	4.22	541	1.7
RED FOX	34	0.20	1.00	100.0	85	5.00	34	0.1
GRAY FOX	135	0.60	2.00	75.0	169	3.33	68	0.2
BOBCAT	642	0.12	1.31	96.6	3,080	10.65	491	1.6
COYOTE	1,133	0.15	1.68	85.0	3,409	8.00	677	2.1
TOTAL DEER	28,461	0.09	1.57	68.8	271,140	15.54	18,098	83.8
BUCK	13,272	0.04	0.73	48.5	271,140	15.54		
DOE	15,190	0.05	.84	49.4	271,140	15.54		
ARCHERY DEER	2,862	0.06	0.72	45.5	32,342	9.08	3,976	18.4
BUCK	851	0.02	0.21	17.9	32,342	9.08		
DOE	2,011	0.04	0.51	35.8	32,342	9.08		
PRIMITIVE DEER	3,883	0.09	0.72	53.0	32,662	6.77	5,399	25.0
BUCK	1,469	0.03	0.27	23.2	32,662	6.77		
DOE	2,413	0.06	0.45	36.7	32,662	6.77		
GUN DEER	21,717	0.09	1.31	67.7	195,109	12.38	16,567	76.7
BUCK	10,951	0.05	0.66	47.7	195,109	12.38		
DOE	10,766	0.05	0.65	43.1	195,109	12.38		
TOTAL TURKEY	2,367	0.11	.78	52.5	17,554	6.42	3,032	14.0
SPRING 2003	2,289	0.11	0.77	52.1	17,118	6.37	2,970	13.7
FALL 2002	77	0.15	0.56	44.4	418	3.38	140	0.6
HOG	4,480	0.26	4.82	85.5	8,880	13.03	930	3.0

(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) BY NON-RESIDENTS FOR ALL GAME SPECIES IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

SPECIES	TOTAL HARVEST	SE	AS % OF TOTAL (A)	<u>STANDARD ERROR</u>	<u>95% CONFIDENCE INTERVAL</u>
				LOWER LIMIT	UPPER LIMIT
DOVE	70,853	7,379	10.4	56,096	85,610
QUAIL	10,025	4,954	49.4	117	19,934
WOODCOCK	456	286	62.7	-116	1,029
RABBIT	12,764	2,132	16.7	8,500	17,029
SQUIRREL	57,514	5,536	9.6	46,442	68,587
RACCOON	3,297	1,173	35.6	951	5,642
TOTAL DUCKS	79,441	7,493	9.4	64,456	94,427
MALLARD	38,732	4,265	11.0	30,202	47,262
WOOD DUCK	12,257	1,533	12.5	9,192	15,322
OTHER DUCKS	28,453	3,015	10.6	22,422	34,483
GEESE	2,992	696	23.3	1,599	4,385
RED FOX	34	24	70.6	-14	82
GRAY FOX	135	93	68.9	-50	320
BOBCAT	642	137	21.3	369	916
COYOTE	1,133	251	22.2	630	1,635
TOTAL DEER	28,461	882	3.1	26,698	30,225
BUCK	13,272	508	3.8	12,256	14,287
DOE	15,190	586	3.9	14,018	16,362
ARCHERY DEER	2,862	317	11.1	2,227	3,496
BUCK	851	130	15.3	590	1,111
DOE	2,011	245	12.2	1,252	2,500
PRIMITIVE DEER	3,883	296	7.6	3,291	4,474
BUCK	1,469	168	11.4	1,133	1,806
DOE	2,413	219	9.1	1,975	2,851
GUN DEER	21,717	723	3.3	20,272	23,163
BUCK	10,951	444	4.1	10,064	11,839
DOE	10,766	472	4.4	9,821	11,710
TOTAL TURKEY	2,367	247	10.4	1,873	2,860
SPRING 2003	2,289	242	10.6	1,806	2,773
FALL 2002	77	41	53.2	-4	159
HOG	4,480	1,647	36.8	1,187	7,774

(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
							HUNTING	SEASOINAL	DAYS		
1	ESTIMATE	7,401	9.73	23.05	94.7	763	2.37	321	10	189	2.19
	(SE)	2,919.75	2.33	7.62	5.26	196.32	0.29	73.30	2.19		
2	ESTIMATE	2,9215	8.19	21.89	93.7	3443	2.67	1335	41.8	189	3.60
	(SE)	4,227.81	0.79	2.07	2.76	514.24	0.26	147.00	3.60		
3	ESTIMATE	17,032	7.57	25.85	94.9	2137	3.50	659	20.6	189	2.95
	(SE)	4,460.92	0.60	5.46	3.58	612.50	0.83	104.43	2.95		
4	ESTIMATE	7,097	7.00	23.33	94.4	1,018	3.33	304	9.5	189	2.14
	(SE)	2,362.30	1.44	5.67	5.56	328.99	0.76	71.36	2.14		
5	ESTIMATE	5,931	3.77	13.50	88.5	1,527	3.60	439	13.8	189	2.51
	(SE)	1,428.84	0.89	1.95	6.39	436.38	0.75	85.58	2.51		
6	ESTIMATE	2,653	7.85	19.63	100.0	339	2.50	135	4.2	189	1.47
	(SE)	1,342.98	2.49	7.61	0.00	143.74	0.63	47.70	1.47		
STATEWIDE	ESTIMATE	70,853	7.27	21.60	93.3	9,469	2.98	3,280	10.4	187	0.71
	(SE)	7,378.54	0.49	1.71	1.80	987.75	0.23	222.93	0.71		
	N	1,862	187	194	194	1,855	187	1,862	1,862		

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	SEASONAL DAYS HUNTING	AVERAGE	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
								SEASONAL DAYS HUNTING		
1	ESTIMATE	152	1.13	2.25	50.0	13.5	2.00	67	23.5	
	(SE)	122.73	1.19	1.65	28.87	89.19	1.00	33.69	10.61	
2	N	1,867	4	4	4	1,867	4	17	17	
	ESTIMATE	792	1.52	7.83	83.3	523	5.17	101	35.3	
3	(SE)	425.26	0.41	2.99	16.67	257.15	1.56	41.25	11.95	
	N	1,867	6	6	6	1,867	6	17	17	
4	ESTIMATE	0	-	-	-	0	-	0	0.0	
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00	
5	N	1,867	-	-	-	1867	-	17	17	
	ESTIMATE	3,541	10.00	105.00	100.0	354	10.50	34	11.8	
6	(SE)	3,376.27	0.00	95.00	0.00	337.63	9.50	23.84	8.05	
	N	1,867	2	2	2	1,867	2	17	17	
STATEWIDE	ESTIMATE	1,012	12.00	60.00	100.0	84	5	17	5.9	
	(SE)	1,011.64	-	-	-	84.30	-	16.86	5.88	
	N	1,867	1	1	1	1,867	1	17	17	
	ESTIMATE	4,468	9.14	66.25	100.0	489	7.25	67	23.5	
6	(SE)	3,439.33	0.87	44.79	0.00	350.76	4.31	33.69	10.61	
	N	1,867	4	4	4	1,867	4	17	17	
STATEWIDE	ESTIMATE	10,025	6.24	32.94	83.3	1,606	5.28	304	1.0	
	(SE)	4,954.25	1.48	14.74	9.04	564.96	1.42	71.40	0.23	
	N	1,862	18	18	18	1,862	18	1,862	1,862	

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	SEASONAL DAYS HUNTING	AVERAGE	PERCENT HUNTERS PER DISTRICT
								SEASONAL HUNTERS	
1	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
2	N	1,867	-	-	-	1,867	-	4	4
	ESTIMATE	17	1.00	1.00	100.0	17	1.00	17	25.0
3	(SE)	16.86	-	-	-	16.86	-	16.86	25.00
	N	1,867	1	1	1	1,867	1	4	4
4	ESTIMATE	101	3.00	6.00	100.0	34	2.00	17	25.0
	(SE)	101.16	-	-	-	33.72	-	16.86	25.00
5	N	1,867	1	1	1	1,867	1	4	4
	ESTIMATE	84	2.50	5.00	100.0	34	2.00	17	25.0
6	(SE)	84.30	-	-	-	33.72	-	16.86	25.00
	N	1,867	1	1	1	1,867	1	4	4
STATEWIDE	ESTIMATE	0	0.00	0.00	0.0	34	2.00	17	25.0
	(SE)	0.00	-	-	-	33.72	-	16.86	25.00
	N	1,867	1	1	1	1,867	1	4	4
	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
	N	1,867	-	-	-	1,867	-	4	4
	ESTIMATE	457	2.70	5.40	80.0	169	2.00	85	0.3
	(SE)	286.29	1.00	2.66	20.00	79.22	0.32	37.76	0.12
	N	1,862	5	5	5	1,862	5	1,862	1,862

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	SEASONAL DAYS HUNTING	AVERAGE	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
								SEASONAL DAYS HUNTING		
1	ESTIMATE	237	0.32	3.50	100.0	746	11.00	68	4.7	
	(SE)	137.35	0.34	1.19	0.00	679.66	9.67	33.80	2.28	
2	N	1,861	4	4	4	1,856	4	86	86	
	ESTIMATE	1,911	3.81	10.27	81.8	458	2.70	186	12.8	
3	(SE)	1,156.76	0.91	5.66	12.20	226.73	1.09	55.95	3.62	
	N	1,861	10	11	11	1,856	10	86	86	
4	ESTIMATE	1,387	2.00	10.25	87.5	695	5.13	135	9.3	
	(SE)	632.26	1.24	3.16	12.50	376.34	2.25	47.75	3.15	
5	N	1,861	8	8	8	1,856	8	86	86	
	ESTIMATE	1,353	1.45	6.15	100.0	933	4.23	220	15.1	
6	(SE)	489.37	0.16	1.49	0.00	326.94	0.95	60.79	3.89	
	N	1,861	13	13	13	1,856	13	86	86	
	ESTIMATE	5,599	1.76	7.70	95.4	2,646	4.00	727	50	
	(SE)	1,363.07	0.27	1.49	3.25	758.50	0.97	109.66	5.42	
	N	1,861	39	43	43	1,856	39	86	86	
	ESTIMATE	880	1.49	7.43	85.7	594	5.00	118	8.1	
	(SE)	544.74	0.49	3.94	14.29	273.74	1.43	44.68	2.97	
	N	1,861	7	7	7	1,856	7	86	86	
STATEWIDE	ESTIMATE	12,764	1.76	8.12	92.5	6,469	4.48	1,572	5.0	
	(SE)	2,132.26	0.28	1.09	2.75	1,201.24	0.69	158.96	0.51	
	N	1,862	85	93	93	1,854	85	1,862	1,862	

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	SEASONAL DAYS HUNTING	TOTAL HUNTERS	AVERAGE HUNTERS PER DISTRICT	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	1,101	2.17	9.29	100.0	511	4.29	119	3.4	
	(SE)	483.46	1.00	2.25	0.00	276.44	1.80	44.73	1.27	
	N	1,859	7	7	7	1,849	7	205	205	
2	ESTIMATE	1,795	3.37	7.57	71.4	460	2.08	237	6.8	
	(SE)	680.04	0.77	2.12	12.53	150.98	0.38	63.14	1.77	
	N	1,859	13	14	14	1,849	13	205	205	
3	ESTIMATE	6,096	2.79	18.00	95.0	2043	6.32	339	9.8	
	(SE)	1,818.93	0.64	3.67	5.00	711.62	1.71	75.34	2.08	
	N	1,859	19	20	20	1,849	19	205	205	
4	ESTIMATE	6,198	3.98	18.30	95.0	1,566	4.60	339	9.8	
	(SE)	1,942.17	0.59	4.14	5.00	596.62	1.46	75.34	2.08	
	N	1,859	20	20	20	1,849	20	205	205	
5	ESTIMATE	36,203	3.10	16.83	96.1	10,555	5.21	2151	61.9	
	(SE)	4,526.34	0.42	1.54	1.73	1,587.87	0.64	184.24	3.40	
	N	1,859	119	127	127	1,849	119	205	205	
6	ESTIMATE	4,826	3.52	16.76	82.4	1,379	4.76	288	8.3	
	(SE)	1,729.26	0.50	4.57	9.53	519.18	1.42	69.52	1.93	
	N	1,859	17	17	17	1,849	17	205	205	
STATEWIDE	ESTIMATE	57,514	3.11	15.97	92.5	17,201	4.99	3,601	11.4	
	(SE)	5,536.30	0.28	1.14	1.81	1,932.32	0.45	232.26	0.74	
	N	1,862	203	213	213	1,852	203	1,862	1,862	

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST				PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
		AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT HUNTERS	AVERAGE SEASONAL HARVEST					
1	ESTIMATE	1,518	0.33	30.00	100.0	4,606	91.00	51	13.0	
	(SE)	1,073.30	0.08	15.00	0.00	3,684.21	61.73	29.20	7.18	
2	ESTIMATE	1,866	3	3	3	1,866	3	23	23	
	(SE)	590	0.29	7.00	100.0	2,024	24.00	84	21.7	
3	ESTIMATE	298.22	0.18	1.84	0.00	1,558.87	16.83	37.68	8.79	
	(SE)	1,866	5	5	5	1,866	5	23	23	
4	ESTIMATE	472	1.56	4.67	83.3	304	3.00	101	26.1	
	(SE)	244.29	0.65	1.63	16.67	130.52	0.45	41.27	9.36	
5	ESTIMATE	17	0.50	1.00	100.0	34	2.00	17	4.4	
	(SE)	16.87	-	-	-	33.74	-	16.87	4.35	
6	ESTIMATE	354	1.12	4.75	100.0	287	4.25	68	17.4	
	(SE)	177.59	0.67	1.18	0.00	182.40	1.93	33.71	8.08	
	ESTIMATE	169	0.59	3.33	33.3	287	5.67	51	13.0	
	(SE)	168.70	0.39	3.33	33.33	197.40	2.60	29.20	7.18	
	N	1,866	3	3	3	1,866	3	23	23	
STATEWIDE	ESTIMATE	3,297	0.42	7.72	88.0	7,861	18.60	423	1.3	
	(SE)	1,172.89	0.10	2.36	6.63	4,024.39	8.95	83.98	0.27	
	N	1,862	25	25	25	1,862	25	1,862	1,862	

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	PERCENT HUNTERS PER DISTRICT	
								TOTAL HUNTERS	AVERAGE HUNTERS
1	ESTIMATE	1,899	2.14	5.88	100.0	373	2.75	136	3.4
	(SE)	1,147.17	0.68	1.22	0.00	147.57	0.53	47.86	1.19
2	N	1,857	8	8	8	1,857	8	235	235
	ESTIMATE	34,920	2.40	20.89	91.0	13,121	8.70	1,509	37.9
3	(SE)	5,273.18	0.18	2.24	3.05	1,883.53	0.87	156.08	3.17
	N	1,857	89	89	89	1,857	89	235	235
4	ESTIMATE	27,716	2.46	16.08	88.9	10,951	6.53	1,678	42.1
	(SE)	4,641.99	0.25	2.26	3.18	1,519.18	0.65	164.15	3.23
5	N	1,857	99	99	99	1,857	99	235	235
	ESTIMATE	390	1.28	3.83	66.7	305	3.00	102	2.6
6	(SE)	241.42	0.56	1.96	21.08	133.32	0.52	41.47	1.03
	N	1,857	6	6	6	1,857	6	235	235
7	ESTIMATE	7,035	1.87	12.37	85.2	3,034	6.63	458	11.5
	(SE)	1,926.46	0.28	2.70	6.97	733.98	1.00	87.46	2.09
8	N	1,857	27	27	27	1,857	27	235	235
	ESTIMATE	2,322	1.69	12.20	80.0	610	7.20	85	2.1
9	(SE)	1,381.16	0.20	6.95	20.00	383.41	3.55	37.86	0.94
	N	1,857	5	5	5	1,857	5	235	235
STATEWIDE		ESTIMATE	79,441	2.37	16.55	88.1	28,757	6.97	4,125
(SE)		7,492.74	0.13	1.32	2.08	2,507.16	0.44	246.24	0.78
N		1,862	244	244	244	1,862	244	1,862	1,862

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	627	0.77	2.13	75
	(SE)	359.80	0.28	0.52	16.37
2	N	1,857	8	8	8
	ESTIMATE	18,511	1.25	10.87	88.8
3	(SE)	3,096.33	0.12	1.31	3.37
	N	1,857	89	89	89
4	ESTIMATE	12,815	1.14	7.45	79.8
	(SE)	2,519.81	0.16	1.31	4.06
5	N	1,857	99	99	99
	ESTIMATE	102	0.33	1.00	33.3
6	(SE)	75.79	0.21	0.68	21.08
	N	1,857	6	6	6
	ESTIMATE	2,407	0.58	3.81	59.3
	(SE)	791.53	0.14	1.09	9.64
	N	1,857	27	27	27
	ESTIMATE	1,288	0.44	3.20	60
	(SE)	1,031.52	0.22	1.62	24.50
	N	1,857	5	5	5
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STATEWIDE	ESTIMATE	38,732	1.14	7.92	78.7
	(SE)	4,264.95	0.09	0.77	2.63
	N	1,862	244	244	244

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	763	0.68	1.88	50.0
	(SE)	528.07	0.36	0.88	18.90
2	N	1,857	8	8	8
	ESTIMATE	3,712	0.24	2.09	50.6
3	(SE)	744.75	4.37	0.38	5.33
	N	1,857	89	89	89
4	ESTIMATE	4,340	0.39	2.57	46.5
	(SE)	975.93	0.07	0.53	5.04
5	N	1,857	99	99	99
	ESTIMATE	153	0.50	1.50	33.3
6	(SE)	123.39	0.35	1.15	21.08
	N	1,857	6	6	6
	ESTIMATE	2,017	0.49	3.26	51.9
	(SE)	592.10	0.11	0.82	9.80
	N	1,857	27	27	27
	ESTIMATE	441	0.42	3.00	20.0
	(SE)	286.57	0.43	3.00	20.00
	N	1,857	5	5	5
STATEWIDE	ESTIMATE	12,257	0.34	2.34	46.7
	(SE)	1,532.50	0.04	0.28	3.20
	N	1,862	244	244	244

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

OTHER DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
<u>OTHER DUCKS</u>					
1	ESTIMATE (SE)	509 295.40	0.68 0.37	1.88 0.95	62.5 18.30
	N	1,857	8	8	8
2	ESTIMATE (SE)	12,697 2,173.75	0.91 0.10	7.93 1.14	76.4 4.53
	N	1,857	89	89	89
3	ESTIMATE (SE)	10,561 1,814.38	0.93 0.11	6.06 0.89	73.7 4.45
	N	1,857	99	99	99
4	ESTIMATE (SE)	136 104.48	0.44 0.31	1.33 0.95	50.0 22.36
	N	1,857	6	6	6
5	ESTIMATE (SE)	2,611 897.11	0.80 0.20	5.30 1.67	55.6 9.75
	N	1,857	27	27	27
6	ESTIMATE (SE)	593 515.52	0.83 0.50	6.00 6.00	20.0 20.00
	N	1,857	5	5	5
STATEWIDE					
	ESTIMATE (SE)	28,453 3,015.29	0.90 0.07	6.28 0.60	69.7 2.95
	N	1,862	244	244	244

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	SEASONAL DAYS HUNTING	AVERAGE TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	101	-	-	-	0	-	0	0.0
	(SE)	75.43	-	-	-	0.00	-	0.00	0.00
2	ESTIMATE	1,299	1.15	4.93	85.7	1,012	4.29	236	46.7
	(SE)	480.20	0.49	1.57	9.71	406.41	1.34	62.90	9.26
3	ESTIMATE	1,097	0.94	4.14	64.3	1,046	4.43	236	46.7
	(SE)	451.13	0.39	1.57	13.29	412.62	1.34	62.90	9.26
4	ESTIMATE	0	-	-	-	0	-	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00
5	ESTIMATE	34	1.00	2.00	1.0	34	2.00	17	3.3
	(SE)	33.74	-	-	-	33.74	-	16.87	3.33
6	ESTIMATE	17	1.00	1.00	1.0	17	1.00	17	3.3
	(SE)	16.87	-	-	-	16.87	-	16.87	3.33
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STATEWIDE	ESTIMATE	2,992	1.01	4.25	75.0	2,282	4.22	541	1.7
	(SE)	696.46	0.27	0.98	7.78	596.73	0.83	94.84	0.30
	N	1,862	32	32	32	1,862	32	1,862	1,862

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

DISTRICT	STATISTIC	TOTAL HARVEST			AVERAGE SEASONAL HARVEST			PERCENT SUCCESSFUL HUNTERS			TOTAL MANDAYS			SEASONAL DAYS HUNTING			AVERAGE TOTAL HUNTERS			PERCENT HUNTERS PER DISTRICT			
1	ESTIMATE	0	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	0	0.0	0.0	0.0
	(SE)	0.00	-	-	-	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.08	0.00
2	ESTIMATE	17	0.20	-	-	-	-	-	-	-	1,867	-	-	-	-	-	-	-	-	2	2	50.0	50.0
	(SE)	16.85	-	-	-	-	-	-	-	-	84.30	-	-	-	-	-	-	-	-	16.85	17	50.00	50.00
3	ESTIMATE	0	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	2	2	2	2
	(SE)	0.00	-	-	-	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0	0	0.0	0.0
4	ESTIMATE	0	-	-	-	-	-	-	-	-	1,867	-	-	-	-	-	-	-	-	2	2	2	2
	(SE)	0.00	-	-	-	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00
5	ESTIMATE	17	-	-	-	-	-	-	-	-	1,867	-	-	-	-	-	-	-	-	2	2	50	50
	(SE)	16.85	-	-	-	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	16.85	17	50.00	50.00
6	ESTIMATE	0	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	2	2	2	2
	(SE)	0.00	-	-	-	-	-	-	-	-	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00
STATEWIDE		ESTIMATE	34	0.20	-	-	-	-	-	-	100.0	-	-	-	-	-	-	-	-	5.00	34	0.1	0.1
		(SE)	23.90	0	-	-	-	-	-	-	0.00	84.58	-	-	-	-	-	-	-	0	23.90	0.08	0.08
		N	1,862	1	-	-	-	-	-	-	2	2	1,861	1	1	1	1	1	1	1,862	1,862	1,862	1,862

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	SEASONAL DAYS HUNTING	TOTAL HUNTERS	AVERAGE PERCENT HUNTERS PER DISTRICT	
									AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS
1	ESTIMATE	0	-	-	-	0	-	0	0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00	0.00
2	ESTIMATE	0	0.00	0.00	0.0	1,867	-	4	4	4
	(SE)	0.00	-	-	-	51	3,00	17	25.0	25.00
3	ESTIMATE	17	0.20	1.00	100.0	1,867	1	4	4	4
	(SE)	16.85	-	-	84.30	-	16.85	17	25.0	25.00
4	ESTIMATE	0	-	-	-	1,867	1	4	4	4
	(SE)	0.00	-	-	0.00	-	0.00	0	0.0	0.00
5	ESTIMATE	118	2.50	3.50	100.0	34	2.00	34	50.0	50.0
	(SE)	90.73	-	1.50	0.00	33.72	-	23.83	28.87	28.87
6	ESTIMATE	0	-	-	-	1,867	1	4	4	4
	(SE)	0.00	-	-	0.00	-	0.00	0	0.0	0.00
	N	1,868	-	-	-	1,867	-	4	4	4
	ESTIMATE	135	0.60	2.00	75.0	169	3.33	68	0.2	0.2
STATEWIDE	(SE)	92.57	0.57	1.08	25.00	104.23	0.88	33.79	0.11	0.11
	N	1,862	3	4	4	1,861	3	1,862	1,862	1,862

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	SEASONAL DAYS HUNTING	TOTAL HUNTERS	AVERAGE HUNTERS PER DISTRICT	
									PERCENT HUNTERS	PERCENT HUNTERS
1	ESTIMATE	0	0.00	0.00	0.0	85	5,00	17	3.9	3.9
	(SE)	0.00	-	-	-	84.85	-	16.88	3.85	3.85
2	ESTIMATE	1,865	1	1	1	1,855	1	26	26	26
	(SE)	34	0.33	1.00	100.0	102	3,00	34	7.7	7.7
3	ESTIMATE	23.86	0.22	0.00	0.00	86.52	2,00	23.86	5.33	5.33
	(SE)	1,865	2	2	2	1,855	2	26	26	26
4	ESTIMATE	17	0.17	1.00	100.0	102	6,00	17	3.9	3.9
	(SE)	16.88	-	-	0.00	101.82	-	16.88	3.85	3.85
5	ESTIMATE	101	0.16	1.20	100.0	424	6,25	84	19.2	19.2
	(SE)	47.70	0.12	0.20	0.00	343.98	4,61	37.70	7.88	7.88
6	ESTIMATE	439	0.09	1.53	100.0	2,342	17.25	287	65.4	65.4
	(SE)	121.32	0.04	0.21	0.00	1,242.47	7.30	69.29	9.52	9.52
	ESTIMATE	1,865	4	5	5	1,855	4	26	26	26
	(SE)	8	17	17	17	1,855	8	26	26	26
	ESTIMATE	0	-	-	-	0	-	0	0.0	0.0
	(SE)	0.00	-	-	-	0.00	-	0.00	0.00	0.00
	N	1,865	-	-	-	1,855	-	26	26	26
STATEWIDE	ESTIMATE	642	0.12	1.31	96.6	3,080	10.65	490	1.6	1.6
	(SE)	136.57	0.04	0.14	3.45	1,301.72	3.81	90.35	0.29	0.29
	N	1,862	17	29	29	1,850	17	1,862	1,862	1,862

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	SEASONAL DAYS HUNTING	AVERAGE HUNTERS	PERCENT HUNTERS PER DISTRICT	
									TOTAL HUNTERS	TOTAL HUNTERS
1	ESTIMATE	17	0.05	0.50	50.0	323	9.50	34	5.9	5.9
	(SE)	16.91	0.03	0.50	50.00	252.64	4.50	23.90	4.10	4.10
2	N	1,862	2	2	2	1,852	2	34	34	34
	ESTIMATE	68	0.21	0.57	57.1	323	2.71	118	20.6	20.6
3	(SE)	33.78	0.12	0.20	20.20	158.41	0.92	44.66	7.04	7.04
	N	1,862	7	7	7	1,852	7	34	34	34
4	ESTIMATE	34	1.00	2.00	100.0	34	2.00	17	2.9	2.9
	(SE)	33.81	-	-	-	33.99	-	16.91	2.94	2.94
5	N	1,862	1	1	1	1,852	1	34	34	34
	ESTIMATE	389	0.78	3.29	85.7	153	3.00	118	20.6	20.6
6	(SE)	197.73	0.40	1.21	14.29	88.27	0.00	44.66	7.04	7.04
	N	1,862	3	7	7	1,852	3	34	34	34
STATEWIDE	ESTIMATE	423	0.14	1.56	93.8	1,870	10.00	271	47.1	47.1
	(SE)	117.97	0.06	0.20	6.25	872.82	3.74	67.35	8.69	8.69
	N	1,862	11	16	16	1,852	11	34	34	34
	ESTIMATE	34	-	2.00	100.0	0	-	17	2.9	2.9
	(SE)	33.81	-	-	-	0.00	-	16.91	2.94	2.94
	N	1,862	-	1	1	1,852	-	34	34	34
	ESTIMATE	1,133	0.15	1.68	85.0	3,409	8.00	676	2.2	2.2
	(SE)	251.16	0.05	0.27	5.72	1,161.31	2.26	105.80	0.34	0.34
	N	1,862	25	40	40	1,847	25	1,862	1,862	1,862

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	
									TOTAL HUNTERS	AVERAGE HUNTERS
1	ESTIMATE	63	0.25	1.33	66.7	64	2.00	47	1.3	1.3
	(SE)	49.87	0.13	0.88	33.33	50.38	1.00	27.30	0.76	0.76
2	ESTIMATE	95	0.05	0.38	57.1	2,008	7.88	252	7.0	7.0
	(SE)	44.56	0.02	0.15	20.20	672.26	1.82	62.75	1.70	1.70
3	ESTIMATE	316	0.10	1.18	52.9	1,785	7.47	268	7.5	7.5
	(SE)	146.08	0.02	0.48	12.48	548.72	1.31	64.65	1.74	1.74
4	ESTIMATE	221	0.08	0.54	42.3	2,948	7.12	410	11.4	11.4
	(SE)	70.31	0.02	0.14	9.88	697.03	0.98	79.69	2.11	2.11
5	ESTIMATE	1,483	0.05	0.60	41.0	22,916	9.85	2,461	68.4	68.4
	(SE)	216.09	0.01	0.08	3.95	2,293.56	0.62	185.52	3.09	3.09
6	ESTIMATE	95	0.07	0.60	50.0	1,084	7.56	158	4.4	4.4
	(SE)	44.56	0.02	0.22	16.67	424.36	1.66	49.71	1.36	1.36
		N	1,370	9	10	10	1,356	9	228	228
STATEWIDE	ESTIMATE	2,862	0.06	0.72	45.5	32,342	9.08	3,975	18.4	18.4
	(SE)	317.31	<0.01	0.07	3.11	2,570.47	0.46	224.09	1.04	1.04
	N	1,397	225	257	257	1,365	225	1,397	1,397	1,397

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2003-04 HUNTING SEASON.

		BUCKS				DOES			
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	0	0.00	0.00	0.0	63	0.25	1.33	66.7
	(SE)	0.00	0.00	0.00	0.00	49.87	0.13	0.88	33.33
2	ESTIMATE	63	0.03	0.25	25.0	32	0.02	0.13	12.5
	(SE)	31.51	0.02	0.11	11.18	22.30	0.01	0.09	8.54
3	ESTIMATE	95	0.04	0.35	29.4	221	0.06	0.82	41.2
	(SE)	44.56	0.02	0.15	11.39	120.02	0.02	0.41	12.30
4	ESTIMATE	79	0.02	0.19	15.4	142	0.05	0.35	30.8
	(SE)	41.69	0.01	0.10	7.22	52.19	0.02	0.11	9.23
5	ESTIMATE	426	0.01	0.17	14.7	1,057	0.04	0.43	34.0
	(SE)	92.64	<0.01	0.04	2.85	159.14	<0.01	0.06	3.80
6	ESTIMATE	47	0.04	0.30	30.0	47	0.03	0.30	30.0
	(SE)	27.30	0.02	0.15	15.28	27.30	0.02	0.15	15.28
	N	1,370	9	10	10	1,370	9	10	10
STATEWIDE	ESTIMATE	851	0.02	0.21	17.9	2,011	0.04	0.51	35.8
	(SE)	130.23	<0.01	0.03	2.40	244.61	<0.01	0.06	3.00
	N	1,397	225	257	257	1,397	225	257	257

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	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT	
									HUNTERS	DISTRICT
1	ESTIMATE	32	0.06	0.25	25.0	531	4.13	127	2.6	
	(SE)	22.41	0.04	0.16	16.37	198.72	0.55	44.73	0.90	
2	N	1,363	8	8	8	1,342	8	312	312	
	ESTIMATE	238	0.11	0.79	47.4	2,008	6.59	301	6.1	
3	(SE)	85.16	0.04	0.22	11.77	672.26	1.42	68.65	1.36	
	N	1,363	17	19	19	1,356	17	312	312	
4	ESTIMATE	222	0.12	0.56	40.0	1,739	4.50	396	8.0	
	(SE)	74.15	0.04	0.15	10.00	425.36	0.63	78.57	1.54	
5	N	1,363	24	25	25	1,342	24	312	312	
	ESTIMATE	159	0.07	0.36	32.1	2,415	5.36	444	9.0	
6	(SE)	54.77	0.02	0.11	8.99	532.60	0.64	83.06	1.62	
	N	1,363	28	28	28	1,342	28	312	312	
STATEWIDE	ESTIMATE	2,315	0.10	0.70	53.8	21,319	6.79	3,329	67.3	
	(SE)	227.83	0.01	0.05	3.45	1,865.05	0.39	211.39	2.66	
	N	1,363	195	210	210	1,342	195	312	312	
	ESTIMATE	349	0.07	1.00	50.0	3,188	10.42	349	7.1	
	(SE)	118.31	0.03	0.27	10.91	1,161.44	3.04	73.79	1.45	
	N	1,363	19	22	22	1,342	19	312	312	

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

		BUCKS						DOES					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS				
1	ESTIMATE	0	0.00	0.00	0.0	32	0.06	0.25	25.0				
	(SE)	0.00	0.00	0.00	0.00	22.41	0.04	0.16	16.37				
2	ESTIMATE	16	0.00	0.05	5.3	222	0.11	0.74	47.4				
	(SE)	15.85	0.00	0.05	5.26	80.65	0.04	0.21	11.77				
3	ESTIMATE	16	<0.01	0.04	4.0	206	0.11	0.52	40.0				
	(SE)	15.85	<0.01	0.04	4.0	68.91	0.03	0.14	10.00				
4	ESTIMATE	32	0.01	0.07	7.1	127	0.05	0.29	25.0				
	(SE)	22.41	<0.01	0.05	4.96	50.04	0.02	0.10	8.33				
5	ESTIMATE	1,110	0.05	0.33	28.6	1,205	0.05	0.36	32.0				
	(SE)	147.42	<0.01	0.04	3.13	151.93	<0.01	0.04	3.22				
6	ESTIMATE	95	0.02	0.27	22.7	254	0.06	0.73	45.5				
	(SE)	44.78	<0.01	0.12	9.15	86.60	0.02	0.20	10.87				
		N	1,363	19	22	22	1,363	19	22	22			
STATEWIDE	ESTIMATE	1,470	0.03	0.27	23.2	2,413	0.06	0.45	36.7				
	(SE)	168.47	<0.01	0.03	2.26	219.15	<0.01	0.04	2.58				
	N	1,397	301	349	349	1,397	301	349	349				

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	968	0.15	1.19	52.1	6,076	7.31	815	5.1
	(SE)	219.09	0.02	0.21	7.29	1,120.65	0.83	115.41	0.71
2	ESTIMATE	1,273	45	48	48	1,170	45	947	947
	(SE)	1,239	0.11	1.04	57.1	9,623	8.27	1,188	7.4
3	ESTIMATE	227.08	0.01	0.15	5.96	1,472.73	0.76	138.12	0.85
	(SE)	216.04	0.01	0.11	70	70	1,170	63	947
4	ESTIMATE	1,273	83	90	90	1,170	8.12	1,528	9.5
	(SE)	2,937	0.12	1.43	71.1	23,234	11.13	2,054	12.8
5	ESTIMATE	360.03	0.01	0.13	4.14	2,702.81	0.83	177.70	1.09
	(SE)	732.21	<0.01	0.06	121	1,170	113	947	947
6	ESTIMATE	13,156	0.09	1.35	68.5	135,139	14.58	9,761	60.7
	(SE)	1,273	<0.01	0.06	1.94	6,175.28	0.45	301.53	1.59
	ESTIMATE	645	0.07	0.88	57.5	1,170	502	947	947
	(SE)	150.81	0.01	0.16	7.70	1,650.05	1.36	109.46	<0.01
STATEWIDE	ESTIMATE	21,717	0.09	1.31	67.7	195,109	12.38	16,566	76.7
	(SE)	722.63	<0.01	0.04	1.43	6,070.80	0.32	244.62	1.13
	N	1,397	878	1,071	1,071	1,204	878	1,397	1,397

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	543	0.08	0.67	43.8	424	0.07	0.52	29.2
	(SE)	126.16	0.01	0.12	7.24	123.05	0.02	0.13	6.63
2	N	1,273	45	48	48	1,273	45	48	48
	ESTIMATE	577	0.05	0.49	40.0	662	0.06	0.56	35.7
3	(SE)	116.53	<0.01	0.08	5.90	151.70	0.01	0.11	5.79
	N	1,273	63	70	70	1,273	63	70	70
4	ESTIMATE	781	0.05	0.51	40.0	594	0.04	0.39	31.1
	(SE)	140.38	<0.01	0.08	5.19	117.70	<0.01	0.07	4.91
5	N	1,273	24	90	90	1,273	24	90	90
	ESTIMATE	1,273	0.05	0.62	43.0	1,664	0.07	0.81	50.4
6	(SE)	194.05	<0.01	0.08	4.52	225.58	<0.01	0.09	4.56
	N	1,273	113	121	121	1,273	113	121	121
	ESTIMATE	6,467	0.04	0.66	47.5	6,688	0.04	0.69	43.7
	(SE)	391.30	<0.01	0.03	2.08	526.17	<0.01	0.05	0.02
	N	1,273	502	575	575	1,273	502	575	575
	ESTIMATE	374	0.04	0.51	39.5	272	0.03	0.37	30.2
	(SE)	95.49	<0.01	0.11	7.54	82.84	<0.01	0.10	7.09
	N	1,273	38	43	43	1,273	38	43	43
STATEWIDE	ESTIMATE	10,952	0.05	0.66	47.7	10,766	0.05	0.65	43.1
	(SE)	443.96	<0.01	0.03	1.53	472.20	<0.01	0.03	1.51
	N	1,397	878	1,071	1,071	1,397	878	1,071	1,071

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	
									AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS
1	ESTIMATE	31	0.05	0.33	33.3	299	3.80	93	3.3	3.34
	(SE)	22.01	0.06	0.21	21.08	146.42	0.86	38.07	1.34	1.34
2	ESTIMATE	1,388	5	6	6	1,375	5	180	180	180
	(SE)	218	0.19	1.27	81.8	927	6.55	171	6.1	6.1
3	ESTIMATE	79.20	0.03	0.27	12.20	366.84	1.49	51.45	1.79	1.79
	(SE)	N	1,388	9	11	11	1,375	9	180	180
4	ESTIMATE	93	0.10	0.60	40.0	959	6.10	156	5.6	5.6
	(SE)	53.89	0.06	0.31	16.33	391.55	1.67	49.07	1.71	1.71
5	ESTIMATE	1,388	10	10	10	1,375	10	180	180	180
	(SE)	202	0.14	0.65	50.0	1,336	4.47	311	11.1	11.1
6	ESTIMATE	67.67	0.05	0.17	11.47	374.60	0.75	69.15	2.35	2.35
	(SE)	N	1,388	19	20	20	1,375	19	180	180
STATEWIDE	ESTIMATE	1,432	0.11	0.74	48.8	12,698	6.79	1,946	0.69	0.69
	(SE)	194.46	0.01	0.08	4.49	1,485.41	0.53	166.10	0.03	0.03
	ESTIMATE	N	1,388	119	125	125	1,375	119	180	180
	(SE)	109	0.12	0.88	75.0	393	5.00	125	4.4	4.4
	ESTIMATE	46.63	0.05	0.23	16.4	190.32	1.05	43.92	1.54	1.54
	(SE)	N	1,388	5	8	8	1,375	5	180	180
	ESTIMATE	2,289	0.11	0.77	52.1	17,118	6.37	2,970	13.7	13.7
	(SE)	241.87	<0.01	0.06	3.62	1,658.61	0.42	199.13	0.92	0.92
	ESTIMATE	N	1,397	171	192	192	1,376	171	1,397	1,397

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	15	0.25	0.50	50.0	62	2.00	31	25.0
	(SE)	15.44	0.25	0.50	50.0	43.67	0.00	21.82	16.37
5	N	1,400	2	2	2	1,399	2	8	8
	ESTIMATE	62	0.14	0.80	60.0	324	5.25	77	62.5
	(SE)	37.79	0.08	0.37	24.50	172.54	1.11	34.46	18.30
	N	1,400	4	5	5	1,399	4	8	8
STATEWIDE	ESTIMATE	77	0.15	0.56	44.4	418	3.38	139	0.6
	(SE)	40.89	0.07	0.24	17.57	179.57	0.89	46.27	0.21
	N	1,397	8	9	9	1,396	8	1,397	1,397

(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 '03 AND SPRING '04) 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	28,461	0.09	1.57	68.8	271,140	15.54	18,098	83.8
	(SE)	881.66	<0.01	0.05	1.36	8,668.48	0.45	213.35	0.99
BUCK	ESTIMATE	13,272	0.04	0.73	48.6	271,140	15.54	18,098	83.8
	(SE)	507.82	<0.01	0.03	1.46	8,668.48	0.45	213.35	0.99
DOE	ESTIMATE	15,190	0.05	0.84	49.4	271,140	15.54	18,098	83.8
	(SE)	585.90	<0.01	0.03	1.46	8,668.48	0.45	213.35	0.99
TURKEY	ESTIMATE	2,367	0.11	0.78	52.6	17,554	6.42	3,032	14.0
	(SE)	246.73	<0.01	0.06	3.58	1,678.11	0.41	200.86	0.93
	N	1,397	174	196	1,375	174	1,397	1,397	1,397

(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	
									AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS
1	ESTIMATE	406	2.56	6.00	100.0	153	3.00	68	8.0	3.88
	(SE)	325.85	2.05	4.36	0.00	100.47	1.16	33.77		
2	ESTIMATE	1,863	3	4	4	1,853	3	50	50	50
	(SE)	355	0.59	5.25	100.0	578	11.33	68	8.0	3.88
3	ESTIMATE	225.98	0.50	2.39	0.00	398.29	5.24	33.77		
	(SE)	1,863	3	4	4	1,853	3	50	50	50
4	ESTIMATE	186	0.30	1.83	83.3	459	5.40	101	12.0	4.64
	(SE)	87.72	0.10	0.48	16.67	279.53	2.50	41.33		
5	ESTIMATE	85	0.12	1.67	66.7	731	14.33	51	6.0	50
	(SE)	60.91	0.09	0.88	33.33	604.14	10.40	29.25		3.39
6	ESTIMATE	1,369	0.22	3.00	81.5	1,853	3	50	50	50
	(SE)	460.23	0.08	0.85	7.62	1,687.40	3.50	87.18		
	ESTIMATE	1,863	21	27	27	1,853	21	50	50	50
	(SE)	473	0.09	4.67	83.3	1,546	18.20	101	12.0	4.64
	ESTIMATE	349.49	0.04	3.15	16.67	770.60	4.50	41.33		
	(SE)	N	1,863	5	6	1,853	5	50	50	50
STATEWIDE		ESTIMATE	4,480	0.26	4.82	85.5	8,880	13,03	930	3.0
		(SE)	1,646.79	0.07	1.67	4.80	2,013.54	2.17	123.55	0.39
		N	1,862	40	55	55	1,847	40	1,862	1,862

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

Table 28. Percent of respondents by their age.

Age	Frequency	Percent
18-20	44	3.32
21-25	43	3.25
26-30	68	5.14
31-35	116	8.76
36-40	146	11.03
41-45	175	13.22
46-50	183	13.82
51-55	176	13.29
56-60	155	11.71
> 61	218	16.46
TOTAL	1324	100.00

Average age= 47.23

n missing= 100

Table 29. Percent of respondents by their sex.

Sex	Frequency	Percent
MALE	1283	97.34
FEMALE	35	2.66
TOTAL	1318	100.00

n missing= 106

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

Household income	Frequency	Percent
Under 10,999	40	3.27
10,000-19,999	47	3.85
20,000-29,999	73	5.97
30,000-39,999	120	9.81
40,000-49,999	104	8.50
50,000-59,999	160	13.08
60,000-69,999	125	10.22
70,000-79,999	90	7.36
80,000-89,999	98	8.01
90,000-99,999	67	5.48
100,000 and above	299	24.45
TOTAL	1223	100.00

n missing= 201

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

Education	Frequency	Percent
Elementary	16	1.22
High School	558	42.46
College	596	45.36
Graduate School	144	10.96
TOTAL	1314	100.00

n missing= 110

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

Spanish/Hispanic origin	Frequency	Percent
No, not Spanish/Hispanic	1138	97.60
Yes, Mexican, American, Chicano	7	0.60
Yes, other Spanish/Hispanic group	21	1.80
TOTAL	1166	100.00

n missing= 258

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

Specify	Frequency	Percent
Canary Islander	1	14.29
Cuban	1	14.29
Spanish	5	71.42
TOTAL	7	100.00

n missing= 14

Table 33. Percent of respondents by their race.

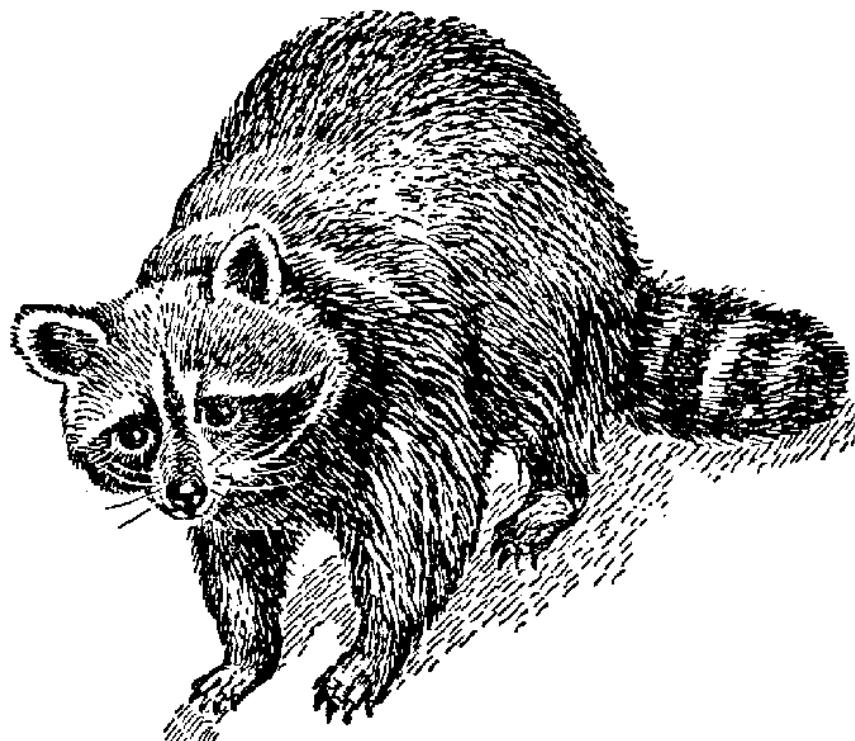
Race	Frequency	Percent
White of Anglo	1265	97.23
Black or African American	27	2.08
Native American or Alaskan Native	7	0.54
Asian or Pacific Islander	2	0.15
TOTAL	1301	100.00

n missing= 123

Appendix A

Questionnaire: 2004 Survey of Mississippi Non-resident Hunters

2004 Survey of Mississippi Non-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

2004 SURVEY OF MISSISSIPPI HUNTERS PAGE 1

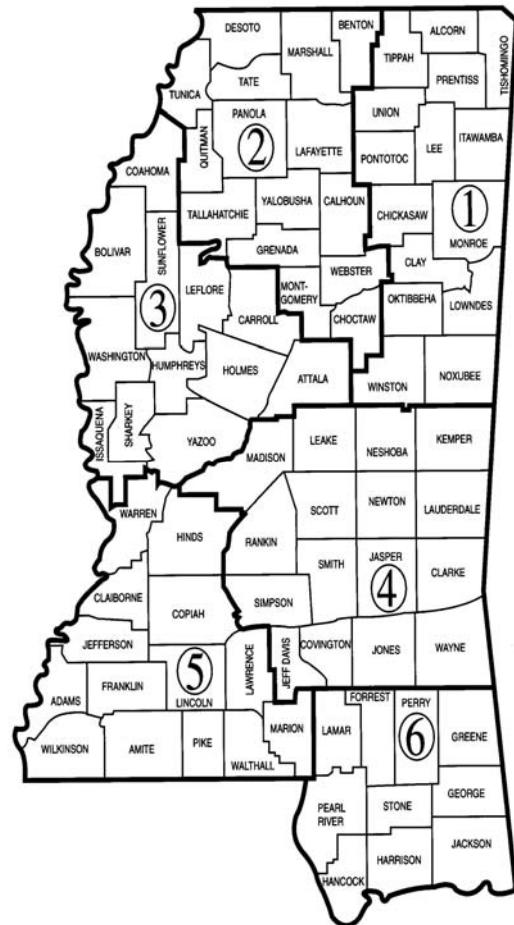
1. Please fill in the blocks below for each game, furbearer, or predatory species you hunted during the 2003-2004 hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, furbearer, or predatory 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			

	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				

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



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)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22+

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 2003 Survey of Mississippi Non-resident Hunters

10000



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 black ink, appearing to read "Kevin M. Hunt".

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

10000



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, appearing to read "Kevin M. Hunt".

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

10000



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 black ink, appearing to read "Kevin M. Hunt".

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