

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

Prepared for the

**DIVISION OF WILDLIFE
MISSISSIPPI DEPARTMENT OF WILDLIFE, FISHERIES & PARKS
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INTRODUCTION

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

Since 1974, a self-administered mail survey has been used to obtain total harvest, average daily kill, average seasonal harvest, and total man-days hunted for each game species, among other trends. The estimates obtained for each of these categories are precise because of the large sample size used, however, because mail surveys contain sampling, response, and nonresponse biases the accuracy of the estimates are always of concern to researchers (Filion 1980). Nevertheless, similar methodologies used to conduct the mail survey over time help to hold constant these biases and the estimates derived from the survey should provide adequate estimates for monitoring trends in hunter harvest and effort.

The primary objective of the mail survey for the 2006-07 hunting season was to obtain a reliable set of statewide effort and harvest estimates for each game species in Mississippi. The secondary objective was to provide district estimates. The third objective was to collect demographic information on those who hunted during the 2006-07 season. No effort was made to interpret the data presented here. The purpose of this publication is to compile existing information for future reference and to help guide future management decisions.

METHODS

The sampling frame for the survey consisted of resident holders of a Type 100 – Sportsman, Type 101 – All Game Hunting and Fishing, or Type 103 – Small Game Hunting and Fishing licenses purchased during the 2006-2007 license year. A random sample of 5,000 license holders was selected to participate in this study from the 178,756 licenses processed from July 1, 2006 – June 30, 2007.

The survey process followed the Total Design Method (TDM) prescribed by Dillman (1978). This methodology pays particular attention to detail, persistence, and takes a personal approach to obtaining a response. This is accomplished, in part, by using personalized letters and envelopes processed with laser printers to simulate a first class mailing to differentiate it from “junk mail”. The TDM uses a series of five mail-outs to help increase response rate: 1) A pre-letter informing the individual that they have been selected for a survey of Mississippi hunters, 2) Eight days later an introductory letter, questionnaire (APPENDIX A), and postage-paid business reply envelope (i.e., a complete packet) were sent; 3) Ten days after the second mailing a post card was sent to all hunters in the survey. The purpose of the post card was to remind hunters about the survey and to thank those whom had already returned a completed questionnaire. A phone number was provided on the post card in case the recipient had not received or misplaced their questionnaire, so they could request another be sent; 4) Twenty-one days after the postcard mailing, a second complete packet was sent to all hunters who had not yet responded, and 5) Twenty-eight days after the second complete packet was sent, a third complete mailing was sent to all hunters who had not yet responded. Actual correspondence can be found in APPENDIX B. All surveys were numbered using a bar coding system printed on clear adhesive labels. When surveys were returned to Mississippi State University, the bar codes were scanned into a computer file and assigned with a “returned” status; this prevented respondents from receiving another mailing.

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

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

RESULTS

A total of 5,000 questionnaires were mailed to resident hunters. There were a total of 1,690 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2006-07 season ($n=1,413$), and those who indicated they "DID NOT HUNT" on their returned survey ($n=277$). 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 25 individuals indicated their refusal to participate and five were deceased. When non-deliverable surveys ($n=610$) were excluded from consideration, an effective response rate of 38.8% was obtained.

Statewide expansions were calculated based on the 178,756 total hunting licenses sold and accounted for by June 30, 2007. There were 178,756 individuals licensed to hunt small game (Type 103) and 174,694 (Types 100 & 101) of these license holders also were eligible to pursue big game (deer and turkey) during the 2006-2007 hunting season.

The expanded statewide summaries of the total harvest, average daily kill, average seasonal harvest, percent of successful hunters, total man-days, average days hunted in the season, total number of hunters, and percent of total licensees that hunted are provided in Table 1 for all game species included in the survey. Table 2 provides the expanded statewide estimates of total harvest and the variability of these (standard error and 95 percent confidence limits) for all game species surveyed.

Tables 3-8 summarize small game hunting on a statewide and district basis. Waterfowl hunting is summarized in Tables 9-13. Tables 14-17 summarize fox (red and gray), bobcat, and coyote hunting. Statewide and district summaries of deer (buck and doe data from archery, primitive weapon, and gun seasons) and turkey hunting (spring and fall) are provided in Tables 18-26. Table 27 summarizes district and statewide estimates for feral hog. Tables 28-36 summarize hunter responses to demographic, participation, attitude, and opinion questions contained in the questionnaire.

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TABLE 1. EXPANDED STATEWIDE COVERAGE OF THE 2006-07 MISSISSIPPI RESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 178,756 SMALL GAME LICENSE HOLDERS AND 174,694 BIG GAME LICENSE HOLDERS.

SPECIES	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENCEES (A)
DOVE	1,068,064	6.42	22.10	94.5	162,105	3.44	48,335	27.0
QUAIL	16,928	1.50	9.35	82.4	9,801	5.75	1,810	1.0
WOODCOCK	852	0.89	2.00	100.0	958	2.25	426	0.2
RABBIT	233,266	1.29	9.91	92.3	149,949	6.80	23,529	13.2
SQUIRREL	471,217	2.16	13.29	93.4	210,677	6.36	35,453	19.8
RACCOON	49,613	0.67	6.69	91.1	48,016	10.02	4,791	2.7
TOTAL DUCK	347,611	2.03	21.47	92.2	158,847	10.58	15,012	8.4
MALLARD	142,345	0.84	8.91	71.6				
WOOD DUCK	82,830	0.49	5.14	74.5				
OTHER DUCKS	122,436	0.70	7.41	58.9				
GEESE	11,072	0.67	4.65	85.0	14,799	6.95	2,129	1.2
RED FOX	0	0.18	0.00	0.0	0	0.00	0	0.0
GRAY FOX	745	0.25	2.33	100.0	0	0.00	319	0.2
BOBCAT	5,004	0.11	1.42	93.5	15,549	7.63	3,300	1.8
COYOTE	14,586	0.05	2.43	87.5	35,299	8.63	5,962	3.3
TOTAL DEER	297,107	0.06	2.55	84.7	2,398,844	22.36	116,463	66.7
BUCK	141,115	0.08	1.21	67.3				
DOE	155,992	0.02	1.34	64.4				
ARCHERY DEER	34,429	0.06	1.02	58.3	322,856	10.75	33,897	19.4
BUCK	9,882	0.12	0.29	24.5				
DOE	24,546	0.05	0.72	47.0				
PRIMITIVE DEER	62,163	0.07	1.05	64.9	433,103	8.18	58,975	33.8
BUCK	24,865	0.11	0.41	35.0				
DOE	37,298	0.06	0.63	47.6				
GUN DEER	200,516	0.05	1.80	80.6	1,586,935	15.58	110,937	63.5
BUCK	106,368	0.11	0.96	63.3				
DOE	94,148	0.11	0.84	51.8				
TOTAL TURKEY	33,579	0.13	1.17	63.7	254,672	9.87	28,691	16.4
SPRING 2007	32,729	0.19	1.18	64.8	247,953	9.99	27,734	15.9
FALL 2006	850	1.50	0.73	45.5	6,588	5.64	1,169	0.7
HOG	11,498	0.89	1.90	67.3	50,005	10.17	5,536	3.1

(A) DEER AND TURKEY PERCENTAGES BASED ON BIG GAME LICENSE HOLDERS; ALL OTHERS BASED ON SMALL GAME LICENSE HOLDERS.

TABLE 2. EXPANDED STATEWIDE ESTIMATES OF TOTAL HARVEST (AND VARIABILITY OF THE ESTIMATES) FOR RESIDENTS FOR ALL GAME SPECIES IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	1,068,064	67,073	6.3	93,919	1,202,209
QUAIL	16,928	6,485	38.3	3,958	29,898
WOODCOCK	852	451	53.0	-51	1,754
RABBIT	233,266	40,490	17.4	152,286	314,247
SQUIRREL	471,217	36,610	7.8	397,997	544,438
RACCOON	49,613	13,743	27.7	22,127	77,099
TOTAL DUCKS	347,611	41,178	11.8	265,255	429,966
MALLARD	142,345	24,692	17.3	92,960	191,729
WOOD DUCK	82,830	10,229	12.3	62,372	103,288
OTHER DUCKS	122,436	16,492	13.5	89,451	155,421
GEESE	11,072	4,535	41.0	2,002	20,143
RED FOX	0	0	0.0	0	0
GRAY FOX	745	553	74.2	-361	1,851
BOBCAT	5,004	963	19.2	3,079	6,929
COYOTE	14,586	3,134	21.5	8,318	20,853
TOTAL DEER	297,107	9,142	3.1	278,824	315,391
BUCK	141,115	4,877	3.5	131,361	150,870
DOE	155,992	5,749	3.7	144,494	167,490
ARCHERY DEER	34,429	2,829	8.2	28,772	40,086
BUCK	9,882	1,173	11.9	7,537	12,228
DOE	24,546	2,231	9.1	20,084	29,008
PRIMITIVE DEER	62,163	3,475	5.6	55,213	69,113
BUCK	24,865	1,874	7.5	21,118	28,612
DOE	37,298	2,348	6.3	32,601	41,994
GUN DEER	200,516	6,375	3.2	187,765	213,266
BUCK	106,368	3,769	3.5	98,829	113,906
DOE	94,148	3,995	4.2	86,158	102,138
TOTAL TURKEY	33,579	2,754	8.2	28,071	39,087
SPRING 2007	32,729	2,715	8.3	27,299	38,158
FALL 2006	850	425	50.0	1	1,699
HOG	11,498	2,934	25.5	5,630	17,367

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

TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	152,349 20745 1,672	7.45 0.53 87	16.20 1.44 88	89.8 .03 88	20,568 2574 1660	2.20 .15 87	9408 976 447	19.7 1.89 447
2	ESTIMATE (SE) N	186,988 27,646 1672	4.81 .92 82	21.1 2.20 83	96.4 2.06 83	38,875 9,083 1660	4.40 0.92 82	8,874 950 447	18.6 1.84 447
3	ESTIMATE (SE) N	259,474 39,586 1,672	6.98 0.40 80	29.60 2.53 82	97.6 1.71 82	36,612 5,583 1660	4.25 0.46 80	8,767 944 447	18.3 1.83 447
4	ESTIMATE (SE) N	216,923 36,157 1,672	6.82 0.57 86	22.30 3.0 91	96 2.16 91	30,798 4,859 1,660	3.33 86 85	9,729 992 447	20.4 1.20 447
5	ESTIMATE (SE) N	110,440 20,259 1,672	6.90 0.90 53	19.13 2.42 54	94.4 3.15 54	15,937 3,197 1660	2.79 0.42 53	5,773 773 447	12.08 1.54 447
6	ESTIMATE (SE) N	136,098 24,544 1,672	6.67 0.67 46	26.52 2.97 48	91.7 4.03 48	18,199 3,497 1660	3.67 0.47 46	5,132 730 447	1.07 1.47 447
STATEWIDE	ESTIMATE (SE) N	1,068,064 67,073 1,679	6.42 0.35 439	22.10 1.07 454	94.5 1.07 454	162,105 12,385 1,664	3.44 0.22 439	48,335 1,938 1,679	27.0 1.10 1,679

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	426 426 1,679	1.00 - 1	4.00 - 1	100.00 - 1	426 426 1,678	4.0 - 1	106 106 17	5.82 5.82 17
2	ESTIMATE (SE) N	4,578 2,785 1,679	1.69 1.07 2	14.33 3.38 3	100. - 3.0	1,385 - 1,678	6.5 3.5 2	19 1.84 17	17.60 9.53 17
3	ESTIMATE (SE) N	639 639 1,679	2.00 - 1	6.0 - 1	100.00 - 5	320 5,583 1,660	3.0 - 1	106 106 17	5.88 5.88 17
4	ESTIMATE (SE) N	3,088 1,679 1,679	6.82 2.07 6	4.83 1.90 6	95.6 2.16 91	1,491 656 1,678	2.33 0.42 17	639 260 17	35.30 11.9 17
5	ESTIMATE (SE) N	6,388 5,428 1,679	1.22 0.21 2	30 20 2	100 - 2	5,220 4,812 1,678	24.50 20.5 2	213 151 17	11.70 8.05 17
6	ESTIMATE (SE) N	1,810 1,246 1,679	1.89 .65 4	4.25 2.32 4	75.00 25.00 4	959 532 1,678	2.25 0.63 4	426 213 17	10.70 1.46 17
STATEWIDE	ESTIMATE (SE) N	16,928 6,485 1,679	1.5 0.26 16	9.35 2.87 17	82 9.5 17	9,801 5035 1,678	5.75 2.67 16	1810 61938 1,679	1.01 0.2 1,679

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	213 213 1,679	0.5 - 1	2 - 1	100 - 1	426 426 1,678	4.0 - 1	106 106 4	25.00 25.00 4
2	ESTIMATE (SE) N	106 106 1,679	1 - 1	1 - 1	1 - 1	106 106 1,679	1 - 1	106 106 4	25.00 25.00 4
3	ESTIMATE (SE) N	0 - 1,679	- - -	- - -	- - -	0 - 1,679	- - -	- - 4	- - 4
4	ESTIMATE (SE) N	532 384 1,679	1.25 .375 2	2.5 0.5 2	100 - 2	426 337 1,679	2 .42 2	213 151 4	50.00 29.00 4
5	ESTIMATE (SE) N	- - 1,679	- - -	- - -	- - -	- - 1,679	- - -	- - 4	- - 4
6	ESTIMATE (SE) N	- - 1,679	- - -	- - -	- - -	- - 1,679	- - -	- - 4	- - 4
STATEWIDE	ESTIMATE (SE) N	852 451 1,679	0.89 0.25 4	2.0 0.41 4	100 - 4	958 553 1,679	2.25 0.75 4	426 213 1,679	.2 .1 1,679

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	28,683 6,268 1,664	0.83 0.19 40	6.51 1.02 41	93 4 41	52,550 9372 1,652	7.98 1.79 40	4404 679 206	20.00 2.79 206
2	ESTIMATE (SE) N	58,977 32,868 1,664	1.53 0.19 26	20 3.04 28	93 3 28	17,421 4,514 1,643	6.19 1.08 26	3,008 563.81 206	13.60 2.03 206
3	ESTIMATE (SE) N	38,243 18,187 1,664	2.13 0.47 26	12.7 5.64 28	96 3.6 28	17,746 6,341 1,652	6.30 1.93 26	3008 564 206	13.60 2.39 206
4	ESTIMATE (SE) N	42,648 10,354 1,664	1.39 0.33 49	7.63 1.55 52	92 3.73 52	27,268 5,766 1,652	5.14 0.82 49	5586 763 206	25.00 3.03 206
5	ESTIMATE (SE) N	30,831 8,169 1,664	1.37 0.25 27	10 1.95 28	93 4.9 28	22,507 6,003 1,652	8 1.46 27	3008 564 206	13.60 2.39 206
6	ESTIMATE (SE) N	26,856 7,952 1,664	1.23 0.21 25	8.92 2.08 28	86 6.73 40	23,697 7,343 1,652	8.76 2.13 25	3,08 564 206	13.60 2.39 206
STATEWIDE	ESTIMATE (SE) N	233,266 40,490 1679	1.29 .13 205	9.91 1.61 221	92.3 1.80 221	149,949 16,299 1,663	6.80 0.59 205	23,529 1,475 1,679	13.00 0.8 1,679

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	85,562 15,409 1,663	1.58 0.25 60	12.84 1.68 62	97 2.26 62	52,550 10,252 1,679	8.05 1.20 60	6,664 831 317	20.00 2.0 317
2	ESTIMATE (SE) N	82,767 19,662 1,663	2.35 0.42 47	16 3.04 49	94 3.46 49	34,489 7,540 1,643	6.74 1.12 47	3,008 741 317	16.00 2.03 317
3	ESTIMATE (SE) N	64,172 12,707 1,663	2.39 0.37 41	13.27 1.78 45	93 3.76 45	25,024 5,345 1,643	5.61 0.84 41	4,837 711 317	14.00 1.96 317
4	ESTIMATE (SE) N	113,295 17,889 1,663	2.45 0.27 69	14 1.55 76	93 6.67 76	45,260 7,298 1,643	6.03 0.67 69	8,169 915.69 317	24 2.40 317
5	ESTIMATE (SE) N	66,214 13,280 1,677	2.39 0.41 44	13.69 1.89 45	93.3 3.76 45	57,744 5,648 1,643	5.80 0.81 44	3,007.91 563.81 206	13.59 2.39 206
6	ESTIMATE (SE) N	45,146 12,865 1,663	2.10 0.52 36	10.5 2.53 40	85.71 6.73 40	21,542 6,413 1,643	5.50 1.38 36	4,300 671.80 317	12.61 1.86 317
STATEWIDE	ESTIMATE	471,217	2.16	13.29	93.39	210,677	6.36	34,453	19.83
	(SE) N	36,610.15 1679	0.15 306	0.80 333	1.36 333	17,176 1,652	0.40 306	1,740 1,679	0.97 1,679

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	2,345 1,304 1,677	0.58 0.29 4	5.25 1.80 4	100 0 4	3,837 3,219 1,677	9.00 7.00 4	426.37 213 43	9.30 4.48 43
2	ESTIMATE (SE) N	16,309 11,061 1,677	0.62 0.11 5	9.60 9.88 5	100 - 5	8,208 4,514 1,677	15.40 3.76 5	533 238.06 43	11.63 4.95 43
3	ESTIMATE (SE) N	2,345 2,137 1,677	0.56 0.13 5	4.40 3.91 5	60 24.49 5	4157 3251.77 1,677	7.80 5.60 5	533 238.06 43	11.63 4.95 43
4	ESTIMATE (SE) N	12,898 5,183 1,675	0.66 0.11 15	7.33 2.66 15	93.33 6.67 15	11,632 3,956.89 1,675	11.00 3.26 15	1,599 411.10 43	34.88 7.35 43
5	ESTIMATE (SE) N	3,091 1,334 1,677	0.77 0.16 6	4.00 0.75 6	83.33 16.67 6	3304 1817 1677	5.17 2.09 6	639.56 261 43	13.95 5.35 43
6	ESTIMATE (SE) N	7,461 3,804.39 1,677	0.76 0.40 8	8.50 3.52 8	100 0.00 8	9,593 5,831.46 1,677	11.25 5.95 8	853 301 43	18.61 6.01 43
ESTIMATE		49,613	0.68	6.69	91	48,016	10.02	4,791	2.68
(SE)		13,743	0.09	1.24	4.30	10,983	1.77	704.77	0.39
STATEWIDE		1,679	45	45	45	1,679	45	1,679	1,679

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCKS HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	32016 9718.68 1675	1.97 0.21 19	15.78 3.24 19	89.47 7.23 19	16221 4793.39 1675	8.00 1.54 19	2027.68 462.67 137	13.86 2.96 137
2	ESTIMATE (SE) N	119526 24124.29 1675	2.14 0.19 41	25 3.74 41	97.56 2.43 41	51332 10388.92 1675	11.73 1.55 41	4375.52 675.13 137	29.92 0.04 137
3	ESTIMATE (SE) N	137241 29527.39 1675	1.96 0.24 48	25.31 4.43 48	89.58 4.45 48	65952 13069.14 1675	12.87 1.79 48	5122.56 728.92 137	35.03 4.09 137
4	ESTIMATE (SE) N	25826 10501.39 1675	2.22 0.43 14	17 5.51 14	85.71 9.71 14	1162 3956.89 1675	7.78 1.71 14	1494.08 397.76 137	10.22 7.23 137
5	ESTIMATE (SE) N	6509 3621.36 1675	1.61 0.27 5	12.20 4.52 5	100.00 0.00 5	4055 2436.98 1675	7.60 3.41 5	533.60 238.35 137	3.65 1.61 137
6	ESTIMATE (SE) N	10138 4802.19 1675	1.22 0.25 10	8.9 3.65 10	90.00 10.00 10	7790 3591.40 1675	7.30 2.58 10	1067.20 336.57 137	7.29 2.23 137
STATEWIDE	ESTIMATE (SE) N	347,610 41,177.75 1,679	0.84 0.11 141	8.91 1.47 141	72 3.81 141	158,847 18,050 1,679	10.58 0.85 141	15,012 1,210 1,679	84 .067 1,679

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

DISTRICT	STATISTIC	MALLARDS			PERCENT SUCCESSFUL HUNTERS
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	
1	ESTIMATE	2,345	0.93	7.47	63.16
	(SE)	1,305	0.25	2.77	11.37
2	N	1,675	19	19	19
	ESTIMATE	46,637	0.84	9.80	87.8
3	(SE)	9,264.06	0.09	1.37	5.17
	N	1,675	41	41	41
4	ESTIMATE	68,194	0.99	12.71	81.25
	(SE)	21,743	48	3.86	5.69
5	N	1,675	60	48	48
	ESTIMATE	5,123	0.44	3.43	50
6	(SE)	2,624.93	0.14	1.58	13.87
	N	1,675	14	14	14
7	ESTIMATE	747	0.18	1.40	60
	(SE)	488.86	0.16	0.75	24.50
8	N	1,675	5	5	5
	ESTIMATE	320	0.04	0.30	10.00
9	(SE)	320.16	0.04	0.30	10.00
	N	1,675	10	10	10
STATEWIDE	ESTIMATE	142,345	0.84	8.91	72
	(SE)	24,692.34	0.11	1.47	3.81
10	N	1,679	141	141	141

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

WOOD DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	8,644	0.53	4.26	74
	(SE)	2,492	0.25	0.77	11.37
	N	1,675	19	19	19
2	ESTIMATE	18,676	0.36	4.17	68
	(SE)	4,739.01	0.05	0.88	7.6
	N	1,675	41	41	41
3	ESTIMATE	27,214	0.37	4.79	70.83
	(SE)	5,483.12	0.06	0.76	6.63
	N	1,675	48	48	48
4	ESTIMATE	12,806	1.00	8.57	85.71
	(SE)	5,461.49	0.27	2.96	9.70
	N	1,675	14	14	14
5	ESTIMATE	5,336	1.32	10	60
	(SE)	3,406.89	0.12	5.09	24.50
	N	1,675	5	5	5
6	ESTIMATE	6,617	0.77	5.60	90
	(SE)	2,328.33	0.19	1.20	10.00
	N	1,675	10	10	10
	ESTIMATE	82,830	0.49	5.14	74.46
STATEWIDE	(SE)	10,229	0.05	0.52	3.68
	N	1,679	141	141	141

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

OTHER DUCKS					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	8,217	0.33	4.05	63.16
	(SE)	3374.88	0.17	1.42	11.37
	N	1,675	19	19	19
2	ESTIMATE	54,214	0.95	11.17	75.61
	(SE)	12,092.65	0.13	2.07	6.79
	N	1,675	41	41	41
3	ESTIMATE	41,834	0.61	7.81	60
	(SE)	9,125	0.13	1.37	24.49
	N	1,675	48	48	48
4	ESTIMATE	7,897	0.68	5.29	86
	(SE)	3,729.80	0.22	2.14	9.71
	N	1,675	14	14	14
5	ESTIMATE	426.88	0.11	12.2	20
	(SE)	426.88	0.13	5.09	20
	N	1,675	5	5	5
6	ESTIMATE	3202	0.41	3.0	10.0
	(SE)	3201.60	0.31	3.00	10.00
	N	1,675	10	10	10
STATEWIDE	ESTIMATE	122,436	0.70	7.41	58.87
	(SE)	16,492	0.08	0.87	4.16
	N	1,679	141	141	141

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	-	-	-	-	-	-	-	-
	(SE)	-	-	-	-	-	-	-	-
2	N	1,675	-	-	-	1,675	-	19	19
	ESTIMATE	8842	0.72	6.55	91	10,653	9	1172	58
	(SE)	4371.46	0.38	3.22	9.09	3,972.94	2.10	352.26	11.64
	N	1,678	11	11	11	1,678	11	19	19
3	ESTIMATE	1,918	0.64	3.60	80	2,983	5.60	533	26
	(SE)	1,214	0.41	1.81	20	1,807	2.56	237.92	10.38
	N	1,678	5	5	5	1,678	5	19	19
	ESTIMATE	107	0.17	0.50	50	639	3	213.06	1.05
	(SE)	106.53	0.28	0.50	50	543.13	2.00	150.61	0.07
	N	1,678	2	2	2	1,678	2	19	19
5	ESTIMATE	0	-	-	-	0	-	0	0
	(SE)	0	-	-	-	0	-	0	0
	N	1,678	-	-	-	1,678	-	19	19
	ESTIMATE	106.53	1.00	1.00	100.0	107	1.00	107	5.26
	(SE)	106.53	-	-	-	107	-	107	5.26
	N	1,678	1	1	1	1,678	1	19	19
STATEWIDE	ESTIMATE	11,072	0.67	4.65	85.00	14,799	6.95	2,219	1.19
	(SE)	4,535.29	0.28	1.86	8.19	4,411	1.42	473	0.26
	N	1,679	20	20	20	1,679	20	1,679	1,679

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	0 0 1,679	- - -	- - -	- - -	0 0 1,679	- - -	- - -	- - -
2	ESTIMATE (SE) N	0 0 1,679	- - -	- - -	- - -	0 0 1,679	- - -	- - -	- - -
3	ESTIMATE (SE) N	0 0 1,679	- - -	- - -	- - -	0 0 1,679	- - -	- - -	- - -
4	ESTIMATE (SE) N	0 0 1,679	- - -	- - -	- - -	0 0 1,679	- - -	- - -	- - -
5	ESTIMATE (SE) N	0 0 1,679	- - -	- - -	- - -	0 0 1,679	- - -	- - -	- - -
6	ESTIMATE (SE) N	0 0 1,679	- - -	- - -	- - -	0 0 1,679	- - -	- - -	- - -
STATEWIDE	ESTIMATE (SE) N	0 0 1,679	0 0 0	0 0 0	0 0 0	0 0 1,679	0 0 0	0 0 0	0 0 0

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0	-	-	-	0	-	-	-
	N	1,676	-	-	-	1,676	-	-	-
2	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0	-	-	-	0	-	-	-
	N	1,676	-	-	-	1,676	-	-	-
3	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0	-	-	-	0	-	-	-
	N	1,676	-	-	-	1,676	-	-	-
4	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0	-	-	-	0	-	-	-
	N	1,676	-	-	-	1,676	-	-	-
5	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0	-	-	-	0	-	-	-
	N	1,676	-	-	-	1,676	-	-	-
6	ESTIMATE	0	-	-	-	0	-	-	-
	(SE)	0	-	-	-	0	-	-	-
	N	1,676	-	-	-	1,676	-	-	-
STATEWIDE	ESTIMATE	745	0	2.33	100.0	0	0	319.40	.02
	(SE)	553	0	1.33	0	0	0	184.29	0.01
	N	1679	0	3	3	1,676	0	1,679	1,679

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	747 353 1676	0.25 0.14 3	1.17 0.31 6	83 16.67 6	858 587.49 1,666	2.67 1.20 3	640 260.86 28	21 7.89 28
2	ESTIMATE (SE) N	1560 612 1,676	0.25 0.14 5	1.88 0.30 8	100 100 8	4,292 3,278.43 1,666	8.00 5.54 5	853 301.04 28	28.6 8.69 28
3	ESTIMATE (SE) N	747 353.37 1,676	0.14 0.09 3	1.4 0.24 5	100.0 0.00 5	3755 3248.83 1,666	12 9.21 3	533 238.21 28	17.85 7.37 28
4	ESTIMATE (SE) N	853 336.73 1,676	0.14 0.15 5	1.00 0.22 7	86 14.29 7	3,755 3,231.05 1,666	7.00 5.75 5	747 281.68 28	25 8.33 28
5	ESTIMATE (SE) N	107 106.06 1,676	1.00 - 1	1.00 - 1	100 - 1	107 107.30 1,666	1.00 - 1	107 106.66 28	3.57 3.57 28
6	ESTIMATE (SE) N	320 238.43 1,676	0.08 - 1	2.00 - 1	100.00 - 1	2,682 2682.41 1666	25.00 - 1	107 106.66 28	3.57 3.57 28
STATEWIDE	ESTIMATE (SE) N	5,003 962.52 1,679	0.18 0.06 19	1.42 0.14 31	93.54 4.49 31	15,549 6,256.73 1,667	7.63 2.59 19	3,300 587.45 1,679	1.84 0.03 1,679

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	1,816 761.98 1,673	0.59 0.18 7	1.88 0.51 9	77.7 14.69 9	2,369 973.68 1,660	3.14 0.55 7	961.53 319.77 50	18.00 5.48 50
2	ESTIMATE (SE) N	3,525 1,427.35 1,673	0.46 0.10 10	2.35 0.74 14	92.8 0.07 14	6,138 3,465.47 1,660	5.70 2.81 10	1,495.87 301 50	28.00 6.41 50
3	ESTIMATE (SE) N	1,068 544.35 1,673	0.08 0.06 4	1.66 0.55 6	83.33 16.67 6	6,138 3,248.83 1,660	14.25 7.71 4	641.09 261.33 50	12.00 4.64 50
4	ESTIMATE (SE) N	1,389 574.56 1,673	0.11 0.05 7	1.33 0.41 9	77.78 14.69 9	8,291.69 4,204.31 1,660	11 4.02 7	961 319.77 50	18.00 5.48 50
5	ESTIMATE (SE) N	2,991 1,849.76 1,673	0.54 0.04 4	4.66 2.37 6	83.3 0.16 6	2,369.06 1,708.96 1,660	5.50 3.30 4	641.09 261.33 50	12.00 4.64 50
6	ESTIMATE (SE) N	1,709 840.53 1,673	0.16 0.06 5	2.66 0.80 6	100.00 0.00 6	9,691 4,856.96 1,660	18.00 4.57 5	641.09 261.33 50	12.00 4.64 50
STATEWIDE	ESTIMATE (SE) N	14,586 3,133.67 1,679	0.25 0.05 38	2.43 0.42 56	88 4.46 56	35,299 8,617.02 1,661	8.63 1.61 38	5,962 783.55 1,679	3.33 0.44 1,679

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	7104 1375.97 1623	0.10 0.01 46	1.24 0.17 53	69.81 6.36 53	55045 9525.12 1590	10 1.03 46	5704 770.94 515	17.47 1.67 515
2	ESTIMATE (SE) N	6996 1430.01 1623	0.09 0.01 54	1.08 0.17 60	58.33 6.49 60	60538 9811.79 1590	10.2 0.94 54	6458.19 818.44 298	20.13 0.02 298
3	ESTIMATE (SE) N	4090 957.66 1623	0.07 0.01 38	0.92 0.16 41	56.09 7.84 41	46365 8610.55 1590	11.10 1.05 38	4413 680.66 298	13.75 1.99 298
4	ESTIMATE (SE) N	5920 1061.17 1623	0.06 0.01 56	0.83 0.11 66	54.54 6.17 66	71855 12088.05 1590	11.67 1.23 56	7104 856.74 298	22.15 2.40 298
5	ESTIMATE (SE) N	3659 921.74 1623	0.08 0.01 37	0.85 0.17 40	50.00 8.01 40	39333 8495.73 1590	9.67 1.39 37	4305 672.52 298	13.42 1.97 298
6	ESTIMATE (SE) N	4520 1183.94 1623	0.08 0.02 34	1.05 0.23 38	55.26 8.17 38	41640 8788.73 1590	11.14 1.41 34	4090.19 655.90 298	12.75 1.93 298
STATEWIDE	ESTIMATE (SE) N	155,992 5,748.88 1,644	0.08 0.01 275	1.02 0.07 319	58.3 2.77 319	322,856 22,574.07 1,600	10.75 0.47 275	33,897 1,704.36 1,644	19.4 0.17 1,644

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE (SE) N	2475 615.45 1623	0.03 0.01 46	0.43 0.09 53	35.84 6.65 53	4268 1020.65 1623	0.06 0.01 46	0.81 0.14 53	50.94 6.93 53
2	ESTIMATE (SE) N	1506 429.05 1623	0.02 0.01 54	0.23 0.06 60	21.67 5.36 60	5489 1196.04 1623	0.07 0.01 54	0.85 0.15 60	53.33 6.49 60
3	ESTIMATE (SE) N	1291 401.58 1623	0.02 0.01 38	0.29 0.07 41	26.83 0.07 41	2798 697.31 1623	0.05 0.01 38	0.63 0.12 41	46.34 7.89 41
4	ESTIMATE (SE) N	1506 455.27 1623	0.02 0.01 56	0.21 0.05 66	18.18 4.78 66	4413 900.60 1623	0.04 0.01 56	0.62 0.10 66	42.42 6.13 66
5	ESTIMATE (SE) N	645 304.11 1623	0.01 0.01 37	0.15 0.07 40	12.50 5.29 40	3013 817 1623	0.07 0.01 37	0.70 0.16 40	45.00 7.96 40
6	ESTIMATE (SE) N	1829 578.04 1623	0.03 0.01 34	0.45 0.12 38	31.58 7.64 38	2690 750.72 1623	0.05 0.01 34	0.66 0.15 38	42.11 8.12 38
STATEWIDE	ESTIMATE (SE) N	9,882 2,231.01 1,644	0.02 0.00 275	0.29 0.03 319	24.4 2.41 319	24,546 2,231.01 1,644	0.06 0.00 275	0.72 0.05 319	47.0 2.80 319

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMATIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	10,237 1,487.78 1,604	0.12 0.01 79	1.04 0.10 90	64.4 5.07 90	64,944 8,745.42 1,544	7.26 0.57 79	9,802 1004.13 515	17.47 1.67 515
2	ESTIMATE (SE) N	37,338 3,644.57 1,558	0.06 0.01 142	1.98 0.12 168	80.35 3.07 168	72,751 10,220.90 1,544	7.65 0.71 84	10,128 1,019.72 515	18.05 1.69 515
3	ESTIMATE (SE) N	8,495 1,370.32 1,604	0.13 0.02 62	1.11 0.12 70	70 5.51 70	54,082 7860.96 1544	7.71 0.58 62	7,623.80 891.39 515	13.59 1.51 515
4	ESTIMATE (SE) N	11,653 1,563.14 1,604	0.08 0.01 95	0.97 0.09 110	61.81 4.65 110	103,413 12,803.37 1,544	9.62 0.71 95	11,980 1,102.75 515	21.35 1.34 515
5	ESTIMATE (SE) N	11,217 1,682.09 1,604	0.13 0.02 86	1.05 0.11 98	64 4.86 98	68,791 9,160.33 1,544	7.07 0.58 86	17,603 1045.04 515	19.03 1.73 515
6	ESTIMATE (SE) N	5,228 1,092.52 1,604	0.07 0.01 49	0.89 0.14 54	55.56 6.82 54	60,418 10,978.69 1,544	10.90 1.26 49	5,881 786.99 515	10.48 1.35 515
STATEWIDE	ESTIMATE (SE) N	62,163 3,475.07 1,644	0.12 0.01 474	1.05 0.05 555	64.9 2.03 555	433,102 22,612.12 1,563	8.18 0.29 474	58,975 2,038 1,644	33.8 0.01 1,644

TABLE 21. EXPANDED STATEWIDE AND DISTRICT OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE (SE) N	3,594 802.96 1,604	79 0.04 79	0.36 0.07 90	27.78 4.75 90	6,643 1,025.94 1,604	0.08 0.01 79	0.67 0.07 90	52.22 5.29 90
2	ESTIMATE (SE) N	4,792 929.51 1,604	0.06 0.01 84	0.47 0.07 93	37.6 5.05 93	7,297 1,154 1,604	0.08 0.01 84	0.72 0.08 93	51.61 5.21 93
3	ESTIMATE (SE) N	3,049 611.56 1,604	0.05 0.01 62	0.40 0.07 70	37.1 5.81 70	5,445 977.12 1,604	0.08 0.01 62	0.71 0.09 70	52.8 6.01 70
4	ESTIMATE (SE) N	4,247 755.20 1,604	0.03 0.01 95	0.35 0.05 110	30.9 4.42 110	7,405 1,095.52 1,604	0.05 0.01 95	0.62 0.07 110	47.27 4.71 110
5	ESTIMATE (SE) N	4,247 800.97 1,604	0.05 0.01 86	0.39 0.06 98	33.67 4.79 98	6,970 1,170.57 1,604	0.08 0.01 86	0.65 0.89 98	46.9 5.06 98
6	ESTIMATE (SE) N	2,722 622.71 1,604	0.04 0.01 49	0.46 0.18 54	42.59 6.79 54	2,504 622.71 1,604	0.04 0.01 49	0.42 0.09 54	33.33 6.47 54
STATEWIDE	ESTIMATE (SE) N	24,865 1,873.59 1,644	0.05 0.00 474	0.41 0.03 555	35 2.03 555	37,298 2,348.25 1,644	0.07 0.00 474	0.63 0.03 555	48 2.12 555

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	43,2841 3,876.31 1,558	0.12 0.01 154	2.04 0.11 189	83.60 2.70 189	293,391 28,272.46 1,407	15.34 0.91 154	21,192 1,445.44 958	19.72 1.28 958
2	ESTIMATE (SE) N	37,338 3,644.57 1,558	0.13 0.01 142	1.98 0.13 168	80.35 3.07 168	247,948 23,059.51 1,407	14.06 0.67 142	18,837 1,373.18 958	17.54 1.23 958
3	ESTIMATE (SE) N	23,434 2,564.99 1,558	0.10 0.01 114	1.59 0.11 130	78.46 3.61 130	197,539 21,394.95 1,407	13.95 0.84 114	14,576 1,224.34 958	13.6 1.10 958
4	ESTIMATE (SE) N	42,384 3,522.51 1,558	0.09 0.01 178	1.77 0.09 213	80.75 2.71 213	372,357 31,139.67 1,407	16.84 0.77 178	23,883 1,520.96 958	22.23 1.34 958
5	ESTIMATE (SE) N	31,844 3,168.94 1,558	0.11 0.00 137	1.81 0.12 157	83 2.98 157	286,314 27,473.29 1,407	16.83 0.86 137	17,603 1,332.71 958	16.38 1.19 958
6	ESTIMATE (SE) N	15,361 2,268.23 1,558	0.07 0.01 82	1.36 0.15 101	67.33 0.04 101	170,596 21,586.00 1,407	16.75 1.13 82	11,324 1,090.84 958	10.54 0.01 958
STATEWIDE	ESTIMATE (SE) N	200,516 6,375.05 1,644	0.11 0.00 839	1.80 0.05 1,044	81 1.23 1,044	1,586,935 49,811.69 1,439	15.58 0.34 839	110,937 2,074.83 1,644	63 1.19 1,644

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	BUCKS				DOES			
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE (SE) N	21,864 2,100.16 1,558	0.06 0.00 154	1.03 0.06 189	66.14 3.45 189	21,416 2,247.70 1,558	0.05 0.01 154	1.03 0.06 189	58.73 3.59 189
2	ESTIMATE (SE) N	19,173 1,981.93 1,558	0.07 0.00 142	1.02 0.07 168	65.48 3.67 168	17,475 1,954 1,552	0.06 0.01 142	0.09 0.09 168	53.57 3.85 168
3	ESTIMATE (SE) N	11,998 1,426.07 1,558	0.05 0.00 132	0.82 0.07 130	61 4.28 130	11,436 1,535.13 1,558	0.05 0.01 114	0.77 0.08 130	52.31 4.39 130
4	ESTIMATE (SE) N	23,434.56 2,131 1,558	0.05 0.00 178	0.98 0.06 213	63.85 3.30 213	18,949 2,014.78 1,558	0.04 0.00 178	0.79 0.07 213	48.82 3.43 213
5	ESTIMATE (SE) N	17,716 1,890.13 1,558	0.06 0.00 137	1.00 0.07 157	64.96 3.82 157	14,128 1,736.94 1,558	0.05 0.00 137	0.80 0.07 157	52.22 3.99 157
6	ESTIMATE (SE) N	8,970 1,373.22 1,558	0.01 0.02 82	0.74 0.56 101	52.48 4.99 101	6,391 1,253.59 1,558	0.03 0.01 82	0.56 0.09 101	35.64 4.78 101
STATEWIDE	ESTIMATE (SE) N	106,368 3,769 1,644	0.06 0.00 839	0.96 0.03 1,044	63 1.50 1,044	94,147 3,994.88 1,644	0.50 0.00 839	0.84 0.32 1,044	51.8 1.54 1,044

TABLE 24. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	5,031 1,090 1,632	0.09 0.01 37	1.04 0.17 45	55.56 7.049 45	38,748 8,346.75 1,605	9.62 1.37 37	4816 708.31 249	18.07 2.44 249
2	ESTIMATE (SE) N	6,101 1,234.90 1,632	0.12 0.02 40	1.36 0.18 42	69.05 7.22 42	46,041 9,118.14 1,605	10.58 1.30 40	4,496 684.94 249	16.87 2.38 249
3	ESTIMATE (SE) N	3,425 865.74 1,632	0.11 0.02 24	1.28 0.20 25	76 8.72 25	31,129 8,184.69 1,605	11.92 2.04 24	2,676 531.26 249	10 1.90 249
4	ESTIMATE (SE) N	9,312 1,575 1,632	0.11 0.02 54	1.36 0.16 64	71.88 5.66 64	58,014 10,007.26 1,605	9.87 1.08 54	6,851 839.64 249	25.70 2.78 249
5	ESTIMATE (SE) N	4,602 1,037.40 1,632	1.00 0.16 43	0.40 0.24 43	55.81 7.66 43	40,054 7816.18 1,605	9.02 1.09 40	4,602 692.83 249	17.27 2.40 249
6	ESTIMATE (SE) N	3,211 866.25 1,632	0.09 0.02 27	1.00 0.20 30	60 9.09 30	27,755 6,505.82 1,605	9.44 1.31 27	3,211 581.06 249	12.04 2.06 249
STATEWIDE	ESTIMATE (SE) N	32,729 2,714.76 1,644	0.11 0.01 229	1.18 0.07 261	64.7 2.96 261	247,953 20,028.32 1,612	9.99 0.53 229	27,734 1,575.03 1,644	15.88 0.90 1,644

TABLE 25. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT (A)	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
2	ESTIMATE	0.00	0.00	0.00	0.00	743	2.33	319	27.27
	(SE)	0.00	0.00	0.00	0.00	462.96	0.67	183.94	14.08
	N	1,644	3	3	3	1,644	3	11	11
3	ESTIMATE	425	0.44	1.33	100	956	3.00	319	27.27
	(SE)	260.15	0.23	0.33	0.00	610.16	1.00	183.94	14.08
	N	1,644	3	3	3	1,644	3	11	11
5	ESTIMATE	425	0.09	0.80	40.00	4,888	9.20	531	45.45
	(SE)	335.97	0.08	0.58	24.50	2,609.54	3.01	237.32	15.75
	N	1,644	5	5	5	1,644	5	11	11
STATEWIDE	ESTIMATE	850	0.13	0.73	45.4	6,588	5.6	1,168.8	0.67
	(SE)	424.66	0.07	0.30	15.75	2,717.60	1.66	351.36	0.20
	N	1,644	11	11	11	1,644	11	1,644	1,644

(A) FALL TURKEY HUNTING WAS LEGAL IN DISTRICTS 2, 3, AND 5.

(B) CALCULATED AS A PERCENT OF BIG GAME LICENSE HOLDERS ONLY.

TABLE 26. EXPANDED STATEWIDE SUMMARIES OF ALL DEER, BUCK, DOE, AND TURKEY (FALL '06 AND SPRING '07) HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON

SPECIES	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENSEES (A)
DEER	ESTIMATE	297,107	0.11	2.54	84.6	2,398,844	22.36	116,463	66.67
	(SE)	9,141.74	0.00	0.06	1.18	77,897.88	0.55	2,031.67	1.16
	N	1,644	872	1,096	1,096	1,420	872	1,644	1,644
BUCK	ESTIMATE	141,115	0.05	1.21	0.67	2,398,844	22.36	116,463	66.67
	(SE)	4,877.09	0.00	0.04	0.01	77,897.88	0.55	2,031.67	1.16
	N	1,644	872	1,096	1,096	1,420	872	1,644	1,644
DOE	ESTIMATE	155,991	0.06	1.34	0.64	2,398,844	22.36	116,643	66.67
	(SE)	5,748.88	0.00	0.04	0.01	77,897.88	0.55	2,031.67	1.16
	N	1,644	872	1,096	1,096	1,420	872	1,644	1,644
TURKEY	ESTIMATE	33,578	0.11	1.17	0.64	254,672	9.87	28,691	16.42
	(SE)	2,753.94	0.01	0.07	0.03	20,181.94	0.51	1,596.73	0.91
	N	1,644	238	270	261	1,612	238	1,644	1,644

(A) CALCULATED AS A PERCENT OF BIG GAME LICENSE HOLDERS ONLY.

TABLE 27. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF HOG HUNTING IN MISSISSIPPI DURING THE 2006-07 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE	1067	0.14	1.00	30	7,377	6.90	1,066	20.41
	(SE)	866.35	0.11	0.79	15.28	3,375.34	2.41	336.37	5.82
	N	1,676	10	10	10	1,672	10	49	49
2	ESTIMATE	1,280	0.16	2.00	83.3	8,125	13	640	12.25
	(SE)	707	0.05	0.82	16.67	5,555.45	7.61	260.86	4.73
	N	1,676	6	6	6	1,672	6	49	49
3	ESTIMATE	1,173	0.12	1.00	54.5	9,622	8.18	1,173	22.45
	(SE)	510.85	0.04	0.33	15.75	4,041.52	2.48	352.68	6.02
	N	1,676	11	11	11	1,672	11	49	49
4	ESTIMATE	747	0.13	0.88	50	5,132	6.86	853.25	16.33
	(SE)	464.68	0.10	0.48	18.89	2,732.03	2.78	301.04	5.34
	N	1,676	7	8	8	1,672	7	49	49
5	ESTIMATE	3,626	0.23	5.20	100	10,156	31.67	533	10.2
	(SE)	2,235.97	0.01	3.72	0.00	9,629.43	29.17	238.21	4.37
	N	1,676	3	5	5	1,672	3	49	49
6	ESTIMATE	3,093	0.35	3.11	100	7,911	9.25	959.91	18.37
	(SE)	1,209.39	0.12	0.75	0.00	3,742.60	3.11	319.20	5.59
	N	1,676	8	9	9	1,672	8	49	49
STATEWIDE	ESTIMATE	11,498	0.19	1.90	67.31	50,005	10.17	5,536	3.10
	(SE)	2,934	0.03	0.44	6.57	13,192.19	2.26	755.98	0.42
	N	1,679	46	52	52	1,673	46	1,679	1,679

Summary of Responses to Opinion Questions for 2006-2007

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

Age Category	Frequency	Percent
18-20	26	1.9
21-25	58	4.3
26-30	97	7.2
31-35	109	8.1
36-40	153	11.3
41-45	155	11.5
46-50	214	15.8
51-55	183	13.6
56-60	153	11.3
61-65	160	11.9
66-70	35	2.6
>70	3	0.2
TOTAL	1350	100.0

n missing = 64

Mean age of hunter = 46.1

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

Gender Category	Frequency	Percent
MALE	1263	94.0
FEMALE	80	6.0
TOTAL	1343	100.0

n missing = 71

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

Income Category	Frequency	Percent
Under 10,000	31	2.5
10,000-19,000	45	3.6
20,000-29,000	90	7.2
30,000-39,000	146	11.7
40,000-49,000	127	10.2
50,000-59,000	140	11.2
60,000-69,000	115	9.2
70,000-79,000	97	7.8
80,000-89,000	85	6.8
90,000-99,000	86	6.9
100,000 and above	288	23.0
TOTAL	1250	100.0

n missing = 164

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

Education Category	Frequency	Percent
Elementary	21	1.6
High School	510	37.9
College	655	48.6
Graduate School	161	12.0
TOTAL	1347	100.0

n missing = 67

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

Race Category	Frequency	Percent
WHITE OR ANGLO	1280	95.0
BLACK OR AFRICAN AMERICAN	55	4.1
LATINO OR HISPANIC	4	0.3
NATIVE AMERICAN OR ALASKAN NATIVE	3	0.2
ASIAN OR PACIFIC ISLANDER	2	0.2
OTHER	4	0.3
TOTAL	1348	100.0

n missing = 66

Appendix A

Questionnaire: 2006-07 Survey of Mississippi Resident Hunters

Survey of Mississippi Resident & Nonresident Hunters



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

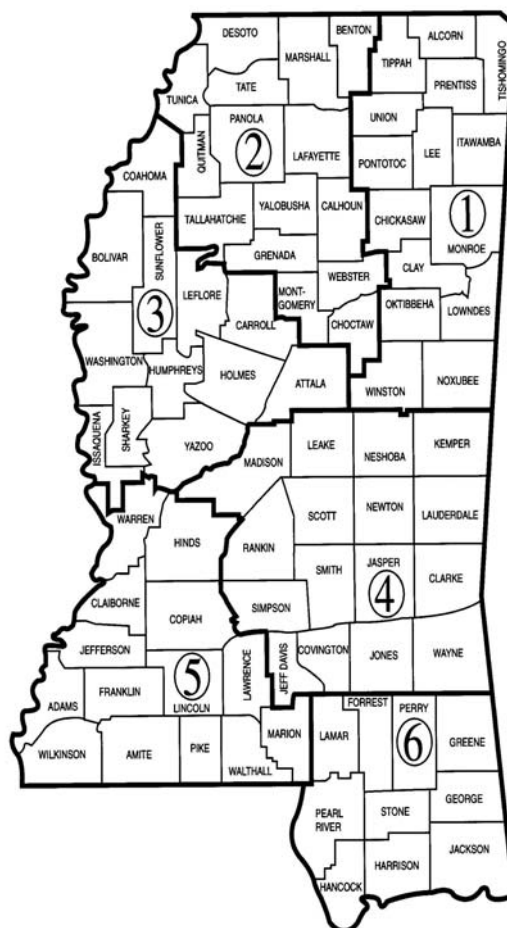
1. For the **2007-2008** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, furbearer, or predatory species taken by you in Mississippi.

Species Sought	Total harvested in Mississippi in 2007-08 season	Days hunted species in Mississippi in 2007-08 season	District Hunted Most
Dove			
Quail			
Woodcock			
Rabbit			
Squirrel			
Raccoon			

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

	Bucks		Does		
Deer (Archery)					
Deer (Primitive Weapon)					
Deer (Gun)					
Turkey (Fall 2007)					
Turkey (Spring 2008)					

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



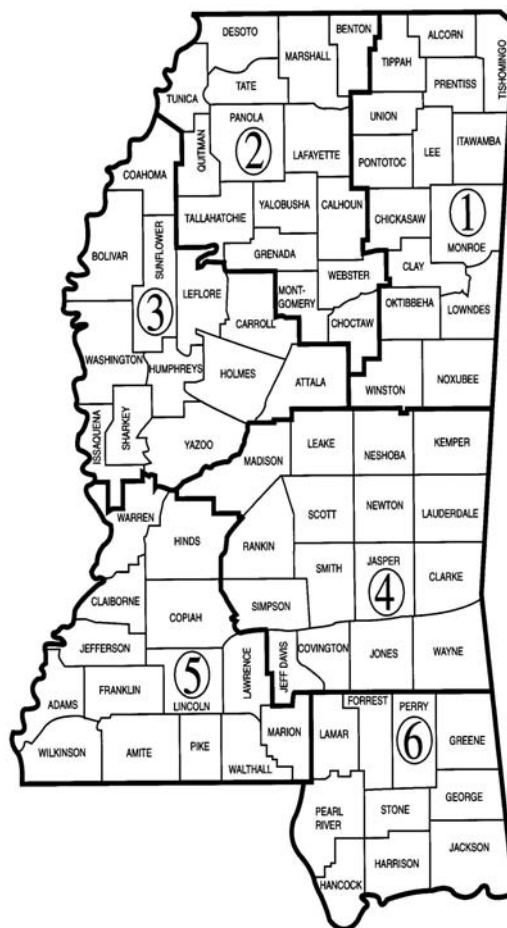
2. For the **2006-2007** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game,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

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

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

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

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



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

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

3. Have you ever visited the MDWFP website?

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

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

_____ DAYS

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

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

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

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

a b c d e f g h

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

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

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

- 1 YES
- 2 NO

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The following questions will help us to know more about hunters. The information you provide will remain strictly confidential and you will not be identified with your answers.

24. Compared to your other outdoor recreation activities (such as fishing, camping, golfing, etc...) would you rate

hunting as: **(Please circle only one answer)**

- 1 YOUR MOST IMPORTANT OUTDOOR ACTIVITY
- 2 YOUR SECOND MOST IMPORTANT OUTDOOR ACTIVITY
- 3 YOUR THIRD MOST IMPORTANT OUTDOOR ACTIVITY
- 4 NONE OF THE ABOVE

25. What is your age? _____ YEARS

26. Are you? 1 MALE
 2 FEMALE

27. In what county do you reside? _____ COUNTY

28. What is your approximate annual household income before taxes?

- | | |
|-----------------------|------------------------|
| 1 UNDER \$10,000 | 7 \$60,000 - \$69,999 |
| 2 \$10,000 - \$19,999 | 8 \$70,000 - \$79,999 |
| 3 \$20,000 - \$29,999 | 9 \$80,000 - \$89,999 |
| 4 \$30,000 - \$39,999 | 10 \$90,000 - \$99,999 |
| 5 \$40,000 - \$49,999 | 11 \$100,000 and ABOVE |
| 6 \$50,000 - \$59,999 | |

29. What is your highest completed level of education? **(Please circle only one answer)**

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22+</u>
ELEMENTARY				HIGH SCHOOL				COLLEGE				GRADUATE SCHOOL									

30. Would you best describe yourself as:

- 1 WHITE OR ANGLO
- 2 BLACK OR AFRICAN AMERICAN
- 3 LATINO OR HISPANIC
- 4 NATIVE AMERICAN OR ALASKAN NATIVE
- 5 ASIAN OR PACIFIC ISLANDER
- 6 OTHER **(Please Specify: _____)**

31. Was this survey completed by the person to whom it was addressed?

1 YES

2 NO

Is there anything else you would like to share with us about the MDWFP Wildlife Bureau, hunting in Mississippi, or your wildlife-related Information and Education needs?

Your contribution of time to this study is greatly appreciated. Please return your completed questionnaire in the postage paid business reply envelope as soon as possible. Thank You.

Mississippi State University
Department of Wildlife and Fisheries
Mississippi State, MS 39762-9690
7/08

Appendix B

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

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Mississippi State
UNIVERSITY

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

July 21, 2008

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

I am writing to ask for your help in a study of Mississippi hunters. Each year I conduct the enclosed annual hunter harvest and attitude survey for the Wildlife Bureau of the Mississippi Department of Wildlife, Fisheries and Parks (MDWFP). We conduct this study to determine the demographic characteristics of hunters and the amount of game they harvested in Mississippi during the previous hunting season, and hunters attitudes toward important wildlife issues.

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

In addition to harvest questions, MDWFP would like to know more about how well they are doing in meeting your needs in terms of wildlife information and education. MDWFP values your perspective and has funded this study to help understand how they can improve communication with hunters. You are one of a small number of license holders selected to participate in this study. It is important that YOU and no one else complete the questionnaire. Your responses are important to us whether you hunt often or just occasionally. All responses will be strictly confidential, and you will not be identified with your answers. Your answers will be grouped with other respondents in a non-identifiable manner. The survey has an identification number for mailing purposes only. This is so we can remove your name from the mailing list once we receive it.

After you complete the questionnaire, please return it to Mississippi State University in the postage-paid, business reply envelope as soon as possible. If you should have any questions about this research project, please feel free to contact me at Mississippi State University at (662) 325-4153. For additional information regarding human participation in research, please feel free to contact the MSU Regulatory Compliance Office at (662) 325-5220.

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

Sincerely,

A handwritten signature in cursive script, reading "Kevin M. Hunt".

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

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Mississippi State
UNIVERSITY

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

August 11, 2008

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

About three weeks ago, we sent you a survey of Mississippi hunters. As of today, we have not yet received your completed questionnaire. If you have recently returned your survey, please accept our thanks. The comments of people who have already returned their questionnaires included a wide variety of answers. However, the success and accuracy of our study depends on you and the others who have not yet responded. We ask for your help in making sure our results are representative of all hunters in Mississippi.

In case you misplaced your survey, we've enclosed another. The survey is designed to tell us about your general hunting activity and game harvest during the 2006-2007 and 2007-08 hunting seasons, and how well MDWFP is doing at meeting your wildlife information and education needs. Study results will help MDWFP in wildlife management plans, and understand how to better communicate with hunters. Although the survey is completely voluntary, we hope that you will take the 15-30 minutes necessary to provide your input and be a part of the wildlife management process. If you did not hunt in the 2006-2007 nor 2007-08 hunting season, please write **DID NOT HUNT** on the front of the questionnaire and mail it back to us so we can take your name off the mailing list. If you hunted in one or both years, please complete the appropriate harvest questions.

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

Sincerely,

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

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

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Mississippi State
UNIVERSITY

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

September 8, 2008

John Doe
123 Buck Drive
Fawn, MS 30759

Dear John:

During the last two months, I have sent you several mailings involving a survey on Mississippi hunters. As of today, I have not yet received your completed questionnaire. If you have recently returned your survey, please accept my thanks.

The Mississippi Department of Wildlife, Fisheries, and Parks values your perspective of wildlife management and has funded this study to understand how to communicate better with hunters in the state. This study is drawing to a close, and this is the last contact that will be made with you. The success and accuracy of our study depends on you and the others who have not yet responded. If for some reason you prefer not to respond, please let me know by returning the blank questionnaire in the enclosed business reply envelope. Or, if you did not hunt in the 2006-2007 nor 2007-08 hunting season, please write **DID NOT HUNT** on the front of the questionnaire and mail it back to us so we can take your name off the mailing list.

If you choose to respond, the survey should take you no longer than 15-30 minutes to complete. Your responses will be strictly confidential, and you will not be identified with your answers. The survey has an identification number for mailing purposes only. Your answers will be grouped with other respondents in a non-identifiable manner, and there is no way for anyone outside of my laboratory to determine your identity. I will destroy the name and address list at the end of the study.

After you complete the questionnaire, please return it to Mississippi State University in the postage-paid, business reply envelope as soon as possible. If you did not hunt waterfowl, please write that on the front cover and send it back to me so I can take your name off of the list. If you should have any questions about this research project, please feel free to contact me at Mississippi State University at (662) 325-4153. For additional information regarding human participation in research, please feel free to contact the MSU Regulatory Compliance Office at (662) 325-5220. Thank you in advance for your cooperation and good luck during the upcoming hunting season.

Sincerely,

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

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