

***Resident Hunter Effort & Game Harvest Estimates
for the 2007-2008 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 2007-08 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 2007-08 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 2007-2008 license year. A random sample of 5,000 license holders was selected to participate in this study from the 180,739 licenses processed from July 1, 2007 – June 30, 2008.

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) 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 1,680 useable questionnaires returned by hunters. Useable questionnaires included those who indicated they hunted at least one species one or more days during the 2007-08 season ($n=1,399$), and those who indicated they "DID NOT HUNT" on their returned survey ($n=281$). 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 27 individuals indicated their refusal to participate and five were deceased. When non-deliverable surveys ($n=542$) were excluded from consideration, an effective response rate of 40.0% was obtained.

Statewide expansions were calculated based on the 180,739 total hunting licenses sold and accounted for by June 30, 2005. There were 180,739 individuals licensed to hunt small game (Type 103) and 176,650 (Types 100 & 101) of these license holders also were eligible to pursue big game (deer and turkey) during the 2007-2008 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 28-32 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 2007-08 MISSISSIPPI RESIDENT MAIL SURVEY OF GAME HARVEST BASED ON 180,739 SMALL GAME LICENSE HOLDERS AND 176,650 BIG GAME LICENSE HOLDERS.

SPECIES	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT OF TOTAL LICENCES (A)
DOVE	1,091,269	7.26	22.55	93.7	147,402	3.08	48,385	26.8
QUAIL	28,641	1.15	8.80	66.7	24,641	7.83	3,255	1.8
WOODCOCK	4,340	0.84	5.00	87.5	4,668	6.14	868	0.5
RABBIT	285,537	1.24	9.90	86.1	222,020	7.97	28,858	16.0
SQUIRREL	504,898	2.19	12.86	90.3	219,877	5.88	39,272	21.7
RACCOON	66,719	0.58	10.24	98.2	105,992	17.76	5,967	3.3
TOTAL DUCK	270,132	1.97	18.12	85.3	121,939	9.21	13,235	7.3
MALLARD	120,095	0.87	8.03	65.6	-	-	-	-
WOOD DUCK	60,210	0.42	3.89	66.4	-	-	-	-
OTHER DUCKS	89,827	0.67	6.20	59.0	-	-	-	-
GEESE	28,858	2.40	12.56	83.3	10,198	5.22	1,953	1.1
RED FOX	1,085	0.12	1.00	77.8	4,671	6.14	976	0.5
GRAY FOX	3,472	0.54	2.58	83.3	5,217	5.33	1,302	0.7
BOBCAT	7,594	0.20	1.35	91.7	27,814	6.54	5,207	2.9
COYOTE	14,103	0.27	1.82	84.5	36,104	6.33	7,703	4.3
TOTAL DEER	264,592	0.09	2.23	79.2	2,545,897	22.92	118,897	67.3
BUCK	125,788	0.04	1.06	61.1	-	-	-	-
DOE	138,804	0.05	1.17	58.6	-	-	-	-
ARCHERY DEER	38,502	0.07	1.06	56.5	426,979	12.90	36,205	20.5
BUCK	10,719	0.02	0.30	23.3	-	-	-	-
DOE	27,783	0.05	0.77	50.2	-	-	-	-
PRIMITIVE DEER	46,159	0.09	0.80	54.8	436,664	8.23	58,081	32.9
BUCK	16,845	0.03	0.29	25.8	-	-	-	-
DOE	29,314	0.06	0.51	39.2	-	-	-	-
GUN DEER	179,931	0.09	1.61	75.3	1,625,814	15.63	111,459	63.1
BUCK	98,224	0.05	0.88	57.7	-	-	-	-
DOE	81,708	0.04	0.73	46.6	-	-	-	-
TOTAL TURKEY	24,501	0.08	0.84	52.1	259,649	9.59	29,205	16.5
SPRING 2008	23,517	0.08	0.83	52.1	253,941	9.66	28,330	16.0
FALL 2007	984	0.12	0.56	43.8	5,476	3.57	1,750	1.0
HOG	65,635	0.48	7.56	78.8	120,202	14.92	8,679	4.8

(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 2007-08 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	1,091,269	69,965	6.4	951,338	1,231,199
QUAIL	28,641	8,229	28.7	12,183	45,099
WOODCOCK	4,340	2,062	47.5	216	8,463
RABBIT	285,537	32,887	11.5	219,764	351,310
SQUIRREL	504,898	43,823	8.7	417,252	592,543
RACCOON	66,719	13,584	20.4	39,552	93,887
TOTAL DUCKS	270,132	37,206	13.8	195,720	344,544
MALLARD	120,095	20,240	16.9	79,614	160,576
WOOD DUCK	60,210	8,358	13.9	43,494	76,927
OTHER DUCKS	89,827	13,716	15.3	62,396	117,259
GEESE	28,858	13,119	45.5	2,621	55,095
RED FOX	1,085	433	39.9	218	1,951
GRAY FOX	3,472	2,212	63.7	-952	7,895
BOBCAT	7,594	1,460	19.2	4,674	10,515
COYOTE	14,103	2,137	15.2	9,829	18,378
TOTAL DEER	264,592	8,825	3.3	246,942	282,243
BUCK	125,788	4,682	3.7	116,424	135,152
DOE	138,804	5,538	4.0	127,728	149,880
ARCHERY DEER	38,502	3,288	8.5	31,925	45,079
BUCK	10,719	1,331	12.4	8,057	13,382
DOE	27,783	2,392	8.6	22,998	32,567
PRIMITIVE DEER	46,159	2,898	6.3	40,362	51,956
BUCK	16,845	1,473	8.7	13,898	19,791
DOE	29,314	2,109	7.2	25,096	33,532
GUN DEER	179,931	6,281	3.5	167,369	192,494
BUCK	98,224	3,848	3.9	90,529	105,919
DOE	81,708	3,767	4.6	74,173	89,242
TOTAL TURKEY	24,501	2,229	9.1	20,044	28,959
SPRING 2008	23,517	2,178	9.3	19,160	27,874
FALL 2007	984	394	40.0	197	1,772
HOG	65,635	19,799	30.2	26,037	105,232

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

TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 2007-08 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	187,799 24,275.02 1,664	7.07 0.60 10	18 1.49 98	93.88 2.43 98	26,271 3,130.07 1,658	2.51 0.17 96	10,644 1,043.43 444	22.00 1.97 444
2	ESTIMATE (SE) N	134,468 25,891.27 1,664	7 0.74 62	20 2.92 63	88.89 3.99 63	18,859 3,066.71 1,658	2.79 0.29 62	6,843 845.90 444	14.00 1.65 444
3	ESTIMATE (SE) N	260,138 38,460.18 1,664	7.41 0.54 82	29 2.96 83	98.80 1.21 83	33,030 4,396.52 1,658	3.70 0.29 82	9,015 964.84 444	19.00 1.85 444
4	ESTIMATE (SE) N	244,823 33,141.37 1,664	7.84 0.55 95	23 2.18 96	93.75 2.48 96	31,286 4,011.42 1,658	3.02 0.25 95	10,427 1,033.38 444	22.00 1.96 444
5	ESTIMATE (SE) N	161,731 32,963.11 1,664	7 0.72 57	26 4.08 58	94.83 2.93 58	21,693 3,709.25 1,658	3.49 0.39 57	6,300 242.44 444	13.00 1.60 444
6	ESTIMATE (SE) N	101,992 23,823.10 1,664	6 1.11 45	21 3.83 45	91.11 4.30 45	16,134 3,487.32 1,658	3 0.53 45	4,888 718.92 444	10.00 1.43 444
STATEWIDE	ESTIMATE (SE) N	1,091,269 69,965.34 1,666	7 0.27 439	23 1.12 446	94 1.15 446	147,402 8,347.67 1,659	3.08 0.12 439	48,385.11 1,961.18 1,666	26 1.08 1,666

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 2007-08 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	868	0.17	4	50.00	4,993	23	217	7.00
	(SE)	868	0.03	4.00	50	4,579.55	19.00	153.47	4.79
	N	1665	2	2	2	1,665	2	29	29
2	ESTIMATE	4,559	2.33	8	60.00	1,954	4	543	17.00
	(SE)	2,753.30	0.87	3.82	24.50	982.11	0.93	242.44	7.14
	N	1,665	5	5	5	1,665	5	29	29
3	ESTIMATE	4,234	1	8	80.00	2,931	5	543	17.00
	(SE)	,2597.16	0.45	3.67	20.00	2,205.53	3.65	242.44	7.14
	N	1,665	5	5	5	1,665	5	29	29
4	ESTIMATE	5,536	2	13	25.00	2,822	7	434	14.00
	(SE)	5,536	1.46	12.75	25	1,638	2.22	217	6.52
	N	1,665	4	4	4	1,665	4	29	29
5	ESTIMATE	6,406	2	12	100.00	4,125	8	543	17.00
	(SE)	3,546.76	0.87	4.32	0.00	2,483.56	3.43	242.44	7.14
	N	1,665	5	5	5	1,665	5	29	29
6	ESTIMATE	6,622	0.85	8	62.5	7,816	9	868	28.00
	(SE)	3,114.63	0.57	2.54	18.30	4,322.82	4.10	306.38	8.45
	N	,1665	8	8	8	1,665	8	29	29
STATEWIDE	ESTIMATE	28,641	1.15	8.80	67	24,641	7.83	3,254.60	1.80
	(SE)	8,229.01	0.36	1.99	0.09	7,351.79	1.87	589.01	0.00
	N	1,666	29	30	30	1,665	29	1,666	1,666

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 2007-08 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	109 109 1,665	0.25 0.00 1	1.00 - 1	100.00 - 1	434 434.21 1,665	4 - 1	109 109 7	14.00 14.29 7
2	ESTIMATE (SE) N	0.00 0.00 1,665	- - -	- - -	- - -	0.00 0.00 1,665	- - -	0.00 0.00 7	0.00 0.00 7
3	ESTIMATE (SE) N	0.00 0.00 1,665	- - -	- - -	- - -	0.00 0.00 1,665	- - -	0.00 0.00 7	0.00 0.00 7
4	ESTIMATE (SE) N	2,062 1,684.93 1,665	3 0.41 2	10 5.50 2	100.00 0.00 2	760 584.45 1,665	4 1.50 2	217 153.47 7	29.00 18.44 7
5	ESTIMATE (SE) N	217 217.10 1,665	0.20 0.00 1	2 - 1	100.00 0.00 1	1,086 1,085.52 1,665	10 - 1	4567 696.01 7	14.00 14.29 7
6	ESTIMATE (SE) N	1,520 1,085.21 1,665	0.64 0.37 3	5 2.40 3	66.67 33.33 3	2,388 1,389.33 1,665	7 0.67 3	326 187.90 7	43.00 20.20 7
STATEWIDE	ESTIMATE (SE) N	4,339 2,061.98 1,666	0.84 0.37 7	5.00 1.70 8	88 0.13 8	4,667.73 1,905.31 1,665	6.14 1.03 7	867.89 306.20 1,666	0.00 0.00 1,666

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 2007-08 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	39,802 9,027.74 1,662	0.85 0.18 43	8.32 1.44 44	86.36 5.23 44	46,388 11,797.73 1,652	10 2.04 43	4,785 711.95 262	17.00 2.31 262
2	ESTIMATE (SE) N	74,057 24,605.58 1,662	2 1.73 41	16 4.84 42	85.71 5.47 42	41,684 12,027.94 1,652	9 2.29 41	4,567 696.01 262	16.00 2.27 262
3	ESTIMATE (SE) N	53,395 14,195 1,662	2 0.39 34	14 2.94 35	91.43 4.80 35	28,993 7,602 1,652	8 1.58 34	3,806 636.74 262	13.00 2.11 262
4	ESTIMATE (SE) N	48,175 10,245.56 1,662	1 0.17 50	9 1.40 52	90.39 4.13 52	43,325 9,666.08 1,652	8 1.40 50	5,655 722.06 262	20.00 2.47 262
5	ESTIMATE (SE) N	27,731 6,367.04 1,654	2 0.18 39	6 1.05 42	83.33 5.82 42	17,504 3,676.42 1,652	4 0.57 39	4,567 696.01 262	16.00 2.27 262
6	ESTIMATE (SE) N	39,367 9,314 1,662	0.87 0.13 45	8 1.48 46	82.61 5.65 46	43,872 13,414.98 1,652	9 2.42 45	5,002 727.50 262	18.00 2.35 262
STATEWIDE	ESTIMATE (SE) N	285,537 32,886.54 1,666	1.24 0.12 255	9.89 0.99 266	86 2.13 266	222,020 24,536.11 1,655	7.97 0.75 255	28,858 1,622.46 1,666	15.97 0.89 1,666

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 2007-08 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	97,472	2.18	15	91.38	44,799	7	6,338	17.00
	(SE)	23,051.83	0.32	3.07	3.72	8,389.49	0.97	817.73	1.99
	N	1,654	57	58	58	1,638	57	350	350
2	ESTIMATE	108,728	2	15	92.00	45,461	7	7,212	19.00
	(SE)	21,882.81	0.26	2.45	0.03	8,017.49	0.84	870.12	2.10
	N	1,654	61	66	66	1,638	61	350	350
3	ESTIMATE	74,525	2.90	15.5	97.73	25,158	5.43	4,808	13.00
	(SE)	20,663.57	0.39	3.67	2.27	6,807.79	1.23	715.35	1.78
	N	1,654	42	44	44	1,652	42	350	350
4	ESTIMATE	64,799	1.93	8.47	84.29	33,764	4.43	7,649	20.00
	(SE)	11,399.61	0.22	1.12	4.38	6,050.36	0.60	894.97	2.14
	N	1,654	69	70	70	1,638	69	350	350
5	ESTIMATE	90,697	2.17	12.97	89.06	40,826	6.17	6,994	18.00
	(SE)	17,514.20	0.22	1.95	3.93	7,133.01	0.75	857.37	2.07
	N	1,654	60	64	64	1,638	60	350	350
6	ESTIMATE	58,571	2.22	11.17	87.50	26,151	5.27	5,245	14.00
	(SE)	13,398.15	0.33	2.02	4.82	5,563.50	0.82	746.23	1.84
	N	1,654	45	48	48	1,638	45	350	350
STATEWIDE	ESTIMATE	504,898	2.18	12.85	0.90	219,877	5.88	39,272	21.73
	(SE)	43,822.88	0.12	0.94	0.02	16,695.08	0.34	1,826.68	1.01
	N	1,666	340	362	362	1,666	340	1,666	1,666

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 2007-08 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	19,974 7,728.34 1,665	0.81 0.29 8	20.25 5.28 8	100.00 0.00 8	21,602 9,731.03 1,665	24.88 7.45 8	868 306.38 54	15.00 4.88 54
2	ESTIMATE (SE) N	3,365 1,249.54 1,665	0.35 0.08 10	2.50 0.62 10	100.00 0.00 10	7,707 3,381.80 1,665	7.10 2.28 10	1,086 342.34 54	19.00 5.34 54
3	ESTIMATE (SE) N	13,243 8,605.67 1,665	1.26 0.50 8	15.25 8.89 8	100.00 0.00 8	10,529 4,816.25 1,665	12 3.77 8	868 306.38 54	15.00 4.88 54
4	ESTIMATE (SE) N	12,918 5,564.89 1,665	0.45 0.08 11	10.82 3.50 11	100.00 0.00 11	28,875 15,677.41 1,665	24.18 11.46 11	1,194 358.94 54	20.00 5.53 54
5	ESTIMATE (SE) N	10,638 3,945.42 1,665	0.93 0.19 9	9.67 2.31 9	100.00 0.00 9	10,204 5,038.01 1,665	10 4.04 9	977 324.87 54	16.67 5.12 54
6	ESTIMATE (SE) N	5,970 2,185.72 1,665	0.19 0.13 8	5.88 1.37 8	87.50 12.50 8	26,812 21,860.41 1,665	30.88 24.25 8	868 306.38 54	14.82 4.80 54
ESTIMATE		66,719	0.58	10	98.00	105,992	17.76	5,967	3.30
(SE)		13,583.56	0.14	1.81	1.82	29,530.44	4.39	791.41	0.00
STATEWIDE		1,666	55	55	55	1,666	55	1,666	1,666

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCKS HUNTING IN MISSISSIPPI DURING THE 2007-08 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	13,577 5,162.42 1,664	1.19 0.31 10	9.70 2.86 10	80.00 13.33 10	8,798 3,768.53 1,664	8.10 2.47 10	1,086 342.55 120	8.33 2.53 120
2	ESTIMATE (SE) N	77,987 23,770 1,664	2.50 0.44 32	22.44 5.68 32	81.25 70 32	31,173 8,391.75 1,664	8.97 1.86 32	3,476 608.68 120	26.67 4.10 120
3	ESTIMATE (SE) N	115,134 26,044.88 1,664	2.21 0.24 41	23.15 4.41 41	82.93 5.95 41	46,596 10,208.69 1,664	10.46 1.65 41	4,453 687.07 120	34.17 4.35 120
4	ESTIMATE (SE) N	24,222 8,725.28 1,664	1.41 0.29 16	12.69 3.82 16	1521 404.82 16	15,641 5,475.28 1,664	9.00 2.29 16	1,737 432.50 120	13.33 3.12 120
5	ESTIMATE (SE) N	24,113 7,044.99 1,664	1.43 0.41 15	12.13 2.56 15	93.33 6.67 15	13,794 5,025.34 1,664	8.47 2.26 15	1,629 418.90 120	12.50 3.03 120
6	ESTIMATE (SE) N	5,865 2,539.36 1,664	1.04 0.24 6	9.00 1.44 6	100.00 0.00 6	5,648.09 2,430.40 1,664	8.67 1.31 6	652 265.66 120	5.00 1.99 120
STATEWIDE	ESTIMATE (SE) N	270,132 37,205.92 1,666	1.97 0.17 122	18.11 2.24 122	85.00 3.22 122	121,939 15,581.38 1,666	9.21 0.86 122	13,235 1,153.91 1,666	7.32 0.01 1,666

TABLE 10. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF MALLARD HUNTING IN MISSISSIPPI DURING THE 2007-08 HUNTING SEASON.

DISTRICT	STATISTIC	MALLARDS			PERCENT SUCCESSFUL HUNTERS
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	
1	ESTIMATE	3,584	0.35	2.90	60.00
	(SE)	1,627.38	0.17	1.18	16.33
2	N	1,664	10	10	10
	ESTIMATE	37,690	1.21	10.84	75.00
3	(SE)	12,213.63	0.25	3.00	7.78
	N	1,664	32	32	32
4	ESTIMATE	63,541	1.21	12.71	73.17
	(SE)	15,865.61	0.18	2.91	7.01
5	N	1,664	41	41	41
	ESTIMATE	3,693	0.24	2.13	50.00
6	(SE)	1,533.87	0.07	0.73	12.91
	N	1,664	16	16	16
7	ESTIMATE	6,191	0.34	2.87	93.33
	(SE)	2,087.23	0.07	0.81	6.67
8	N	1,664	15	15	15
	ESTIMATE	217	0.04	0.33	16.67
9	(SE)	217.23	0.04	0.33	16.67
	N	1,664	6	6	6
STATEWIDE	ESTIMATE	120,095	0.87	8.03	65.57
	(SE)	20,240	0.11	1.33	4.32
10	N	1,666	122	122	122

TABLE 11. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOOD DUCK HUNTING IN MISSISSIPPI DURING THE 2007-08 HUNTING SEASON.

WOOD DUCKS

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	5,431	0.48	3.90	80.00
	(SE)	2,130.47	0.13	1.22	13.33
	N	1,664	10	10	10
2	ESTIMATE	8,581	0.28	2.47	43.75
	(SE)	3,032.96	0.07	0.77	8.91
	N	1,664	32	32	32
3	ESTIMATE	19,333	0.35	3.73	83.00
	(SE)	5,062.38	0.06	0.86	5.95
	N	1,664	41	41	41
4	ESTIMATE	12,165	0.67	6.06	81.25
	(SE)	4,297.46	0.13	1.79	10.01
	N	1,664	16	16	16
5	ESTIMATE	11,079	0.72	6.07	86.67
	(SE)	3,500.06	0.23	1.43	9.09
	N	1,664	15	15	15
6	ESTIMATE	1,412	0.25	2.17	66.67
	(SE)	819.56	0.12	0.98	21.01
	N	1,664	6	6	6
ESTIMATE		60,210	0.42	3.89	66.00
(SE)		8,358.18	0.05	0.48	4.30
STATEWIDE		1,666	122	122	122
N					

TABLE 12. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF OTHER DUCK HUNTING IN MISSISSIPPI DURING THE 2007-08 HUNTING SEASON.

OTHER DUCKS					
DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS
1	ESTIMATE	4,562	0.36	2.90	50.00
	(SE)	1,976.53	0.11	1.24	16.67
	N	1,664	10	10	10
2	ESTIMATE	31,716	1.02	9.13	65.63
	(SE)	9,726.90	0.17	2.33	8.53
	N	1,664	32	32	32
3	ESTIMATE	32,256	0.64	6.71	63.42
	(SE)	8,328.55	0.12	1.50	7.62
	N	1,664	41	41	41
4	ESTIMATE	8,364	0.50	4.50	43.75
	(SE)	3,667.53	0.16	1.82	12.81
	N	1,664	16	16	16
5	ESTIMATE	6,843	0.38	3.20	46.68
	(SE)	2,411.48	0.16	1.00	13.33
	N	1,664	15	15	15
6	ESTIMATE	4,236	0.75	6.50	83.33
	(SE)	2,056	0.25	1.88	16.67
	N	1,664	6	6	6
STATEWIDE	ESTIMATE	89,827	0.67	6.20	0.59
	(SE)	13,715.79	0.08	0.86	0.04
	N	1,666	122	122	122

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 2007-08 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	651 553.44 1,665	2.00 0.67 2	3.00 2.00 2	100.00 0.00 2	326 242.67 1,665	1.50 0.50 2	217 153.47 17	11.77 8.05 17
2	ESTIMATE (SE) N	2,171 1,328.82 1,665	0.68 0.26 5	4.00 1.87 5	60.00 0.24 5	3,148 1,655.67 1,665	5.80 1.80 5	543 242.44 17	29.41 11.39 17
3	ESTIMATE (SE) N	24,858 13,031.73 1,665	12.60 4.48 6	31.50 15.79 6	100.00 0.00 6	1,628.28 743.55 1,665	2.50 0.56 6	651 265.50 17	35.29 11.95 17
4	ESTIMATE (SE) N	109 108.55 1,665	0.50 0.50 2	0.50 0.50 2	50.00 50.00 2	217.10 153.47 1,665	1.00 0.00 2	217 153.47 17	11.77 8.05 17
5	ESTIMATE (SE) N	434.21 306.94 1,665	0.19 0.17 2	2.00 0.00 2	100.00 0.00 2	2,280 2,173.69 1,665	10.50 9.50 2	217 153.47 17	11.77 8.05 17
6	ESTIMATE (SE) N	0.00 0.00 1,665	- - -	- - -	- - -	0.00 0.00 1,665	- - -	- - 17	- - 17
STATEWIDE	ESTIMATE (SE) N	28,857 13,118.52 1,666	2.40 1.38 18	13 5.94 18	83 9.04 18	10,197 3,850.06 1,666	5.22 1.59 18	1,953 457.91 1,666	1.08 0.00 1,666

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 2007-08 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	325.85 188.02 1,664	1.00 0 2	1.00 0 2	100.00 0 0	217.37 153.65 1,663	1.00 0 2	217 153.56 7	28.57 18.44 7
2	ESTIMATE (SE) N	0 0 1,664	0 - 1	0 - 1	0 - 100.00	1,630 1,630.24 1,663	15 - 1	109 108.62 7	14.29 14.29 7
3	ESTIMATE (SE) N	0 0 1,664	- - 0.06	- - 0.50	- - 50.00	0 0 1,630	- - 7.50	0 0 217	0 0 28.57
4	ESTIMATE (SE) N	109 108.55 1,665	0.03 0.10 2	0.50 2.00 2	50.00 100.00 2	1,344.14 1,086.83 1,663	4.50 10.00 2	153.56 217 7	18.44 28.57 7
5	ESTIMATE (SE) N	434.47 343.42 1,664	- 1 1	1.00 2 2	0 2 2	1,086.83 1,086.83 1,663	- 1 1	153.56 217 7	18.44 28.57 7
6	ESTIMATE (SE) N	0 0 1,664	- - -	- - -	- - -	0 0 1,663	- - -	0 0 7	0 0 7
STATEWIDE	ESTIMATE (SE) N	1,085 433.26 1,666	0.12 0.06 9	1.00 0.29 9	78 14.70 9	4,671 2,380.12 1,664	6.14 2.27 7	976.38 324.68 1,666	0.01 0.00 1,666

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 2007-08 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	325.66 242.67 1,665	1.00 - 1	1.50 0.50 2	100.00 0 2	108.75 108.75 1,662	1.00 - 1	217 153.47 11	18.18 12.19 11
2	ESTIMATE (SE) N	0 0 1,665	0 - 1	0 - 1	0 - 1	1,631 1,631.22 1,662	15.00 - 1	109 108.55 11	9.09 9.09 11
3	ESTIMATE (SE) N	2,496 2,184.36 1,665	1.31 0.03 2	7.67 6.17 3	100.00 0 3	1,740 1,634.77 1,662	8.00 7.00 2	326 187.90 11	27.27 14.08 11
4	ESTIMATE (SE) N	217 153.47 1,665	0.40 0.36 3	0.67 0.33 3	0.67 0.33 3	543.74 360.54 1,662	1.7 0.67 3	326 187.90 11	27.27 14.08 11
5	ESTIMATE (SE) N	217.10 153.47 1,665	0.10 - 1	1.00 0 2	100.00 0 2	1,087 1,087.48 1,662	10.00 - 1	217 153.47 11	18.18 12.19 11
6	ESTIMATE (SE) N	109 108.55 1,665	- - -	- - -	- - -	0 0 1,662	- - -	0 0 11	0 0 11
STATEWIDE	ESTIMATE (SE) N	3,472 2,211.73 1,666	0.54 0.34 9	2.58 1.59 12	0.83 0.11 12	5,217 2,578.67 1,663	5.33 2.07 9	1,302 374.57 1,666	0.01 0.00 1,666

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT IN MISSISSIPPI DURING THE 2007-08 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	1087 375.88 1,662	1.00 0.00 5	1.11 0.11 9	100.00 0.00 9	546 244.05 1,654	1.00 0.00 5	979 325.46 44	20.46 6.15 44
2	ESTIMATE (SE) N	761 325.81 1,662	0.17 0.08 7	1.00 0.22 7	85.71 14.00 7	4,480 2,282.35 1,654	5.86 2.17 7	761 287.20 44	15.91 5.58 44
3	ESTIMATE (SE) N	2,828 1,190 1,662	0.53 0.15 10	2.36 0.73 11	100.00 0.00 11	4,699 2,197 1,654	4.30 1.56 10	1,196 359.59 44	25.00 14.08 44
4	ESTIMATE (SE) N	1,414 520.54 1,662	0.13 0.06 6	1.38 0.32 8	87.50 12.50 8	6,666 3,749.64 1,654	10.17 4.32 6	870 306.94 44	18.18 5.88 44
5	ESTIMATE (SE) N	652 376.49 1,662	0.03 0.02 3	0.75 0.25 4	75.00 25.00 4	7,758.45 6,647.04 1,654	23.67 18.35 3	435 217.30 44	9.10 4.38 44
6	ESTIMATE (SE) N	435 217.30 1,662	0.13 0.14 5	0.80 0.20 5	80.00 20.00 5	3,387 2,855.44 1,654	6.20 4.95 5	544 242.87 44	0.11 0.05 44
STATEWIDE	ESTIMATE (SE) N	7,594 1,460.22 1,666	0.20 0.06 39	1.82 0.18 71	92 4.03 48	27,814 8,710.80 1,657	6.54 1.79 39	5,207 740.93 1,666	2.88 0.00 1,666

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING DURING THE 2007-08 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	2,610 868 1,662	0.77 0.28 11	1.50 0.50 16	87.50 8.54 16	2416 819.79 1,646	2.00 0.33 11	1,740 433.02 67	23.88 5.25 67
2	ESTIMATE (SE) N	2,501 1,001.03 1,662	0.15 0.08 9	2.44 0.65 9	88.89 11.11 9	16,251 11,250.09 1,646	16 10.59 9	979 325.46 67	13.43 13.43 67
3	ESTIMATE (SE) N	2,501 989.14 1,662	0.53 0.11 7	2.88 0.55 8	100.00 0.00 11	3,733 1,906.57 1,646	4.86 1.81 7	870 306.94 67	11.94 3.99 67
4	ESTIMATE (SE) N	1,957 650.91 1,662	0.22 0.09 10	1.29 0.27 14	78.57 11.38 14	5,380 2,657.86 1,646	4.90 1.96 10	1,522 405.30 67	20.90 5.00 67
5	ESTIMATE (SE) N	1,740 736.55 1,662	0.29 0.15 9	1.45 0.45 11	73 14.10 11	2,964 1,383.08 1,646	3.00 1.05 9	1,196 359.59 67	16.42 4.56 67
6	ESTIMATE (SE) N	2,284 952.90 1,662	0.25 0.12 5	2.33 0.62 9	77.78 14.70 9	5,270 3,318.14 1,646	9.60 4.76 5	979 325.46 67	13.43 4.20 67
STATEWIDE	ESTIMATE (SE) N	14,103 2,137.19 1,666	0.27 0.08 52	1.82 0.18 71	0.85 0.04 71	36,104 12,251.85 1,647	6.33 1.98 52	7,703 894.70 1,666	4.26 0.00 1,666

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 2007-08 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	6,977 1,420.98 1,595	0.08 0.01 58	1.02 0.16 62	52 6.40 62	73,642 12,070.36 1,576	11.33 1.16 58	6,866 855.22 311	19.94 2.27 311
2	ESTIMATE (SE) N	6,424 13,952.09 1,595	0.07 0.01 56	0.98 0.17 59	54.24 6.54 59	82,833 15,808.36 1,576	13.20 1.84 56	6,534 835.08 311	18.97 2.23 311
3	ESTIMATE (SE) N	5,427 1,442.34 1,595	0.08 0.02 41	1.11 0.25 44	57 7.55 44	63,554 12,884.41 1,576	14 1.84 41	4,873 724.67 311	14.14 1.98 311
4	ESTIMATE (SE) N	6,755 1,359.87 1,595	0.07 0.01 59	0.96 0.15 63	54 6.33 63	88,212 14,040.04 1,576	13.33 1.28 59	6,977 861.80 311	20.26 2.28 311
5	ESTIMATE (SE) N	5,427 1,127.06 1,595	0.06 0.01 45	1.02 0.15 48	60 7.13 48	77,453 16,460.36 1,576	15.35 2.38 45	5,316 755.92 311	15.43 2.05 311
6	ESTIMATE (SE) N	2,769 705.99 1,595	0.07 0.15 33	0.71 0.14 35	51 8.57 35	36,652.63 7,451.89 1,576	9.90 1.08 33	3,876 648.19 311	11.25 1.79 311
STATEWIDE	ESTIMATE (SE) N	38,502 3,288.42 1,615	0.07 0.01 296	1.06 0.07 331	56 2.73 331	426,979 31,698.50 1,580	13 0.68 296	36,205 1,774.95 1,615	20 1.00 1,615

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2007-08 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	1,883 573.73 1,595	0.02 0.01 58	0.27 0.08 62	21.00 5.21 62	5,095 1,007.33 1,595	0.06 0.01 58	0.74 0.11 62	52.00 6.39 62
2	ESTIMATE (SE) N	1,440 481.56 1,595	0.02 0.01 56	0.22 0.07 59	16.95 4.93 59	4,984 1,061.07 1,595	0.05 0.01 56	0.76 0.13 59	51.00 6.56 59
3	ESTIMATE (SE) N	2,326 724.14 1,595	0.04 0.01 41	0.48 0.13 44	29.55 6.96 44	3,101 854.63 1,595	0.04 0.01 41	0.64 0.15 44	43.00 7.55 44
4	ESTIMATE (SE) N	1,551 441.44 1,595	0.02 0.00 59	0.22 0.06 63	21.00 5.14 63	5,205 1,117 1,595	0.05 0.01 59	0.75 0.13 63	46.00 6.33 63
5	ESTIMATE (SE) N	1,329 413.19 1,595	0.14 0.00 45	0.25 0.07 48	23.00 6.13 11	4,098 873.33 1,595	0.05 0.01 45	0.77 0.12 48	54.16 7.27 48
6	ESTIMATE (SE) N	886 312.57 1,595	0.02 0.01 33	0.23 0.07 35	23.00 7.20 35	886 312.57 1,595	0.04 0.01 33	0.49 0.11 35	40.00 8.40 35
STATEWIDE	ESTIMATE (SE) N	10,719 1,331.33 1,615	0.02 0.00 296	0.29 0.03 331	26 1.90 531	27,782 2,392.29 1,615	0.05 0.00 296	0.77 0.05 531	39 2.12 531

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMATIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 2007-08 HUNTING SEASON.

DISTRICT	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER DISTRICT
1	ESTIMATE (SE) N	7,953 1,226.46 1,577	0.08 0.01 85	0.75 0.08 94	52.00 5.18 94	77,320 10,419.79 1,533	7.89 0.66 85	10,530 1,053.51 493	19.06 1.71 493
2	ESTIMATE (SE) N	9,185 1,543.46 1,577	0.10 0.02 74	0.97 0.13 84	60.00 5.39 84	77,205 12,463.56 1,533	9.05 1.05 74	9,409 999.25 493	17.04 1.69 493
3	ESTIMATE (SE) N	6,160 1,137.66 1,577	0.09 0.01 67	0.77 0.11 71	49.29 5.97 71	58,768 8,704.41 1,533	7.62 0.67 67	7,953 922.67 493	14.40 1.58 493
4	ESTIMATE (SE) N	7,729 1,142.61 1,577	0.07 0.01 95	0.67 0.07 102	53.00 4.96 102	98,062 15,289.83 1,533	8.95 1.08 95	11,426 1,094.46 493	20.69 1.83 493
5	ESTIMATE (SE) N	6,945 1,140.30 1,577	0.09 0.01 69	0.78 0.09 79	0.57 0.05 79	63,377 9,972.40 1,533	7.97 0.83 69	8,849 970.67 493	16.02 1.65 493
6	ESTIMATE (SE) N	3,920 761.82 1,577	0.06 0.01 59	0.55 0.08 63	46.00 6.33 63	57,039 9,052.24 1,533	8.39 0.79 59	7,057 871.44 493	12.78 1.51 493
STATEWIDE	ESTIMATE (SE) N	46,159 2,898.42 1,615	0.08 0.01 465	0.79 0.04 531	55.00 2.16 531	436,664 25,398.22 1,549	8.23 0.36 465	58,081 2,066 1,615	33 1.17 1,615

TABLE 21. EXPANDED STATEWIDE AND DISTRICT OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2007-08 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	2,016	0.02	0.19	18.09	5,937	0.06	0.56	44.68
	(SE)	498.53	0.01	0.04	3.99	958.81	0.01	0.07	5.16
	N	1,577	85	94	94	1,577	85	94	94
2	ESTIMATE	4145	0.04	0.44	34.52	5,041	0.06	0.53	39.29
	(SE)	824.42	0.01	0.07	5.22	1,000.44	0.01	0.09	5.36
	N	1,577	74	84	84	1,577	74	84	84
3	ESTIMATE	2,016	0.03	0.25	23.94	4,145	0.06	0.52	40.85
	(SE)	498.53	0.01	0.05	5.10	839.51	0.01	0.08	5.87
	N	1,577	67	71	71	1,577	67	71	71
4	ESTIMATE	2,352	0.02	0.21	20.59	5,377	0.05	0.47	36.28
	(SE)	510.06	0.00	0.04	4.02	967.41	0.01	0.07	4.78
	N	1,577	95	102	102	1,577	95	102	102
5	ESTIMATE	2,688	0.04	0.30	27.85	4,256	0.05	0.48	41.77
	(SE)	589.40	0.01	0.05	5.08	768.88	0.01	0.06	5.58
	N	1,577	69	79	79	1,577	69	79	79
6	ESTIMATE	1,792	0.03	0.25	22.22	2,128	0.03	0.30	25.40
	(SE)	499.07	0.01	0.06	5.28	557.69	0.01	0.07	5.52
	N	1,577	59	63	63	1,577	59	63	63
ESTIMATE		16,844	0.03	0.29	26.00	29,314	0.05	0.50	39v
(SE)		1,473.31	0.00	0.02	1.90	2,108.97	0.00	0.03	2.12
N		1,615	465	531	531	1,615	465	531	531

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI DURING THE 2007-08 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	38,241	0.10	1.83	77.22	326,075	16.70	20,796	19.29
	(SE)	3,649.82	0.01	0.12	3.13	30,9640.11	0.96	1,456.42	1.29
	N	1,529	157	180	180	1,421	157	933	933
2	ESTIMATE	34,313	0.09	1.73	80.81	300,466	16.11	19,872	18.44
	(SE)	3,403.57	0.01	0.12	3.01	27,664	0.81	1,427.90	1.27
	N	1,529	150	172	172	1,421	150	933	933
3	ESTIMATE	23,338	0.09	1.71	72.88	202,507	15.97	13,633	12.65
	(SE)	2,843.40	0.01	0.14	4.11	26,127.40	1.39	1,206	1.09
	N	1,529	102	118	118	1,421	102	933	933
4	ESTIMATE	33,389	0.08	1.43	73.13	329,929	14.91	23,222	21.54
	(SE)	3,097.59	0.01	0.09	3.13	29,091.48	0.79	1,527.01	1.35
	N	1,529	178	201	201	1,421	178	933	933
5	ESTIMATE	29,229	0.09	1.52	76.65	295,245	15.83	19,294	17.90
	(SE)	2,866.38	0.01	0.09	3.28	28,788.06	0.94	1,409.58	1.26
	N	1,529	150	167	167	1,421	150	933	933
6	ESTIMATE	11,784	0.07	1.07	58.95	157,506	14.39	10,976	10.18
	(SE)	1,838.98	0.01	0.13	5.07	19,804.24	1.04	1,090.89	0.99
	N	1,529	88	95	95	1,421	88	933	933
STATEWIDE	ESTIMATE	179,931	0.09	1.61	75	1,625,813	16	111,459	63
	(SE)	6,281.05	0.00	0.05	1.35	54,094.56	0.39	2,121.78	1.20
	N	1,615	853	1,019	1,019	1,449	853	1,615	1,615

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 2007-08 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	19,178	0.05	0.92	57.22	19,063	0.05	0.92	56.11
	(SE)	2,080.20	0.01	0.08	3.69	2,109.58	0.01	0.08	3.71
	N	1,529	157	180	180	1529	157	108	180
2	ESTIMATE	18,947	0.05	0.95	59.88	15,366	0.04	0.77	48.26
	(SE)	2,029.61	0.00	0.75	3.74	1,889.97	0.01	0.07	3.82
	N	1,529	150	172	172	1,529	150	172	172
3	ESTIMATE	12,131	0.05	0.89	59.32	11,206	0.05	0.82	50.00
	(SE)	1,575.28	0.01	0.09	4.54	1,621.48	0.01	0.09	4.62
	N	1,529	102	118	118	1,529	102	118	118
4	ESTIMATE	20,333	0.05	0.87	58.71	13,055	0.03	0.56	41.79
	(SE)	2,040.54	0.01	0.06	3.48	1,527.32	0.00	0.05	3.49
	N	1,529	178	201	201	1,529	178	201	201
5	ESTIMATE	15,712	0.05	0.81	58.08	13,517	0.04	0.70	47.90
	(SE)	1,721.59	0.00	0.06	3.83	1,618.19	0.00	0.06	3.87
	N	1,529	150	167	167	1,529	150	167	167
6	ESTIMATE	8,549	0.05	0.78	50.53	3,234	0.02	0.29	16.84
	(SE)	1,349.85	0.01	0.10	5.16	935.25	0.01	0.08	3.86
	N	1,529	88	95	95	1,529	88	95	95
STATEWIDE	ESTIMATE	98,224	0.05	0.88	58	81,707	0.04	0.73	47
	(SE)	3,847.73	0.00	0.03	1.55	3,767.24	0.00	0.03	1.56
	N	1,615	853	1019	1019	1,615	853	1019	1,019

TABLE 24. EXPANDED STATEWIDE AD DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 2007-08 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	4,305 975.70 1,600	0.08 0.01 47	0.78 0.14 50	50.00 7.14 50	49,243 8,600.05 1,582	9.38 0.94 47	5,520 768.64 244	20.49 2.59 244
2	ESTIMATE (SE) N	1,767 603.29 1,600	0.05 0.02 28	0.53 0.16 30	37 8.94 30	29,367 6,607.45 1,582	9 1.19 28	3,312 599.21 244	12.30 2.11 244
3	ESTIMATE (SE) N	3,423 829.40 1,600	0.09 0.01 34	0.86 0.15 36	58 8.33 36	33,164 7,408.55 1,582	8.73 1.29 34	3,974 655.15 244	14.75 2.28 244
4	ESTIMATE (SE) N	5,962 1,127.24 1,600	0.08 0.01 57	0.88 0.12 61	56 6.41 61	58,064 9,206.14 1,582	9.12 0.83 57	6,735 845.97 244	25.00 2.78 244
5	ESTIMATE (SE) N	4,306 963.11 1,600	0.08 0.02 38	0.92 0.16 41	56 7.85 41	47,563 11,130.21 1,582	11.21 1.94 38	767 289.21 244	16.80 2.39 244
6	ESTIMATE (SE) N	2,319 704.78 1,600	0.06 0.02 22	0.81 0.19 26	50.00 10.00 26	25,012 6,543.89 1,582	10.18 1.60 22	2,871 558.55 244	10.65 1.97 244
STATEWIDE	ESTIMATE (SE) N	23,517 2,178.36 1,615	0.12 0.04 244	0.84 0.06 267	52 3.06 267	259,649 20,629.89 1,592	10 0.51 244	290,205 1,633.39 1,615	16.53 0.92 1,615

TABLE 25. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 2007-08 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	438	4.00	109.52	7.14
	(SE)	0.00	-	-	-	438.34	-	109.52	7.14
3	N	1,613	1	1	1	1612	1	14	14
	ESTIMATE	325	0.17	0.50	50.00	1972	3.00	657.10	42.86
5	(SE)	189.57	0.07	0.22	22.36	982.84	0.77	267.84	13.73
	N	1,613	6	6	6	1612	6	14	14
5	ESTIMATE	548	0.11	0.71	43.00	2959	4.50	766.62	50.00
	(SE)	328.37	0.05	0.36	20.20	1414.66	1.23	289.21	13.87
STATEWIDE	N	1,613	6	7	7	1612	6	14	14
	ESTIMATE	984	0.12	0.56	44.00	5476	3.57	1750	0.99
STATEWIDE	(SE)	393.74	0.04	0.18	12.81	1747.49	0.65	435.49	0.25
	N	1,615	14	16	1,654	1,613	14	1,615	1,615

(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 2007-08 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	264,592	0.08	2.23	79	2,545,897	23	118,897	67
	(SE)	8,825.19	0.00	0.06	1.23	87,034.58	0.63	2,062.63	1.17
	N	1,615	894	1087	1087	1,422	894	1,615	1,615
BUCK	ESTIMATE	125,788	0.04	1.06	61	2,545,897	23	11,897	67
	(SE)	4,682.02	0.00	0.03	1.48	87,034.58	0.63	2,062.63	1.17
	N	1,615	894	1087	1087	1,422	894	1,615	1,615
DOE	ESTIMATE	138,804	0.05	1.17	59	2,545,897	23	118,897	67
	(SE)	5,538.02	0.00	0.04	1.50	87,034.58	0.63	2,062.63	1.17
	N	1,615	894	1087	1087	1,422	894	1,615	1,615
TURKEY	ESTIMATE	24,501	0.08	0.84	52	259,649	10	29,205	17
	(SE)	2,228.76	0.01	0.06	3.06	20,629.89	0.51	1,633.39	0.92
	N	1,615	244	267	267	1,592	244	1,615	1,615

(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 2007-08 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	15,452	0.66	14.20	70	23,466	22	1,088	13.33
	(SE)	9,921.05	0.24	8.37	15.28	11,351.61	8.31	343.16	3.95
	N	1,661	10	10	10	1,656	10	75	75
2	ESTIMATE	3,264	0.34	4.29	86	9,604	13	762	9.33
	(SE)	2,427.68	0.17	2.97	14.29	5,136.24	5.14	287.37	3.38
	N	1,661	7	7	7	1,656	7	75	75
3	ESTIMATE	6,638	0.35	3.59	88	18,991	10.24	1,850	22.67
	(SE)	2,310.92	0.07	0.93	8.06	7,629.53	3.39	446.48	4.87
	N	1,661	17	17	17	1,656	17	75	75
4	ESTIMATE	6,311	0.38	5.27	91	16,371	15	1,197	15
	(SE)	2,912.47	0.08	1.94	9.10	6,811.33	4.29	359.80	4.11
	N	1,661	10	11	11	1,656	10	75	75
5	ESTIMATE	12,187	0.41	6.22	67	22,592	13	1,959	19.59
	(SE)	6,153.85	0.24	2.86	11.43	9,247.78	4.34	459.29	45.92
	N	1,661	16	18	18	1,656	16	75	75
6	ESTIMATE	6,420	0.09	5.36	871	12,115	12	1,197	14.67
	(SE)	5,246	0.06	4.27	307.12	5,784.78	4.48	359.80	4.11
	N	1,661	9	11	11	1,656	9	75	75
STATEWIDE	ESTIMATE	65,634	0.47	7.56	79	120,202	14.92	8,679	4.80
	(SE)	19,798.55	0.09	2.14	4.60	25,233.17	2.65	947.04	0.52
	N	1,666	74	80	80	1,660	74	1,666	1,666

Summary of Responses to Opinion Questions for 2007-2008

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

Age Category	Frequency	Percent
18-20	40	3.0
21-25	72	5.4
26-30	90	6.7
31-35	117	8.7
36-40	156	11.7
41-45	162	12.1
46-50	213	15.8
51-55	156	11.7
56-60	176	13.1
61-65	136	10.1
66-70	5	0.4
>70	4	0.3
TOTAL	1,341	100.0

n missing = 58

Mean age of hunter = 44.6

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

Gender Category	Frequency	Percent
MALE	1,232	92.5
FEMALE	99	7.5
TOTAL	1,331	100.0

n missing = 68

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

Income Category	Frequency	Percent
Under 10,000	37	2.9
10,000-19,000	49	3.9
20,000-29,000	100	8.0
30,000-39,000	132	10.5
40,000-49,000	128	10.2
50,000-59,000	120	9.5
60,000-69,000	115	9.1
70,000-79,000	107	8.5
80,000-89,000	104	8.3
90,000-99,000	87	6.9
100,000 and above	279	22.2
TOTAL	1,258	100.0

n missing = 141

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

Education Category	Frequency	Percent
Elementary	18	1.4
High School	515	38.6
College	648	48.5
Graduate School	154	11.5
TOTAL	1,335	100.0

n missing = 64

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

Race Category	Frequency	Percent
WHITE OR ANGLO	1,267	94.3
BLACK OR AFRICAN AMERICAN	65	4.8
LATINO OR HISPANIC	1	0.1
NATIVE AMERICAN OR ALASKAN NATIVE	6	0.5
ASIAN OR PACIFIC ISLANDER	0	0.0
OTHER	5	0.4
TOTAL	1,344	100.0

n missing = 55

Appendix A

Questionnaire: 2007-08 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

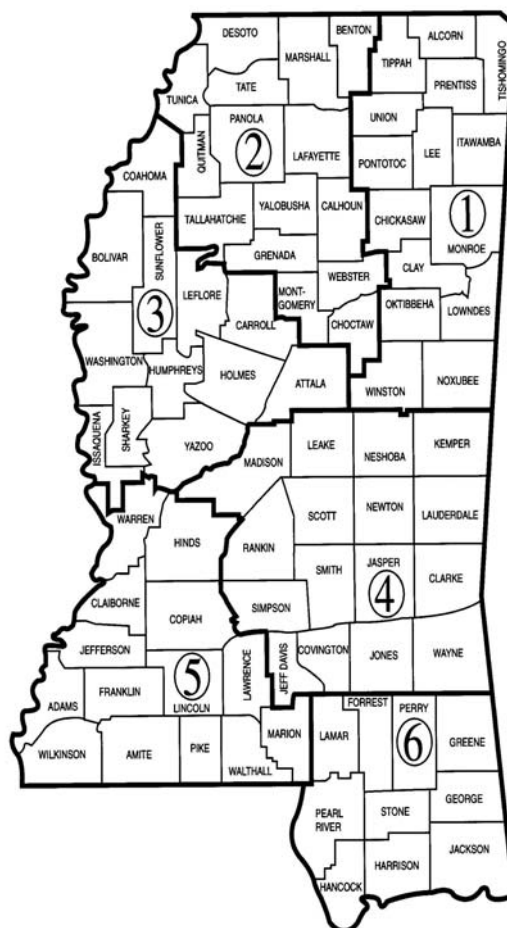
1. For the **2007-2008** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game,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



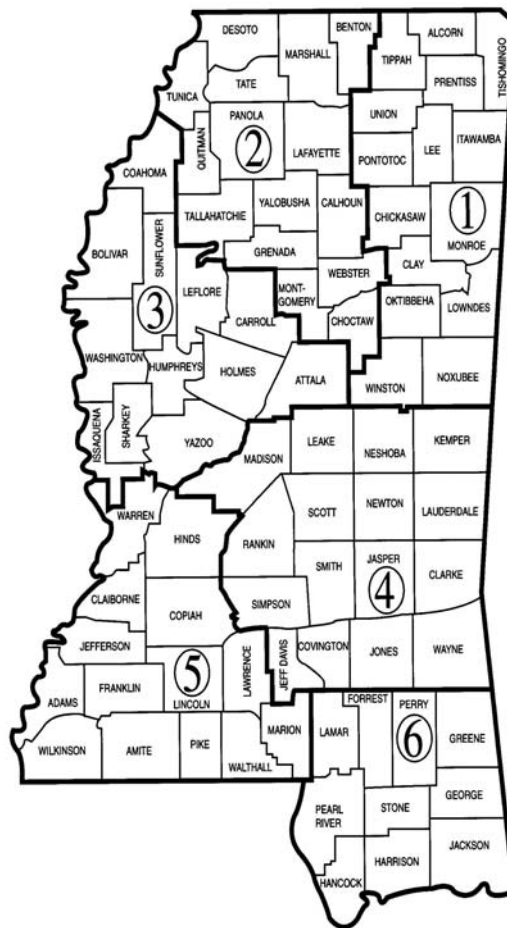
2. For the **2006-2007** hunting season, please fill in the blocks below for each game, furbearer, or predatory species you hunted during the hunting season (even if you were unsuccessful). If you hunted more than one species on a particular day, count a day for each species you hunted. Report only game, 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 2007-08 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 that reads "Kevin M. Hunt".

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