

**MISSISSIPPI MAIL SURVEY OF GAME
HARVEST AND HUNTER EFFORT FOR 1994-95**

by

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INTRODUCTION

The purpose of the game harvest survey is to establish yearly indices of harvest and hunter effort for each game species. These indices provide trend data which allows staff to monitor changes in harvest and effort through time. When interpreting these data, it is important to consider habitat changes, species abundance, the current socio-economic climate of the state as well as changes in management strategies.

The Mississippi Department of Wildlife Fisheries and Parks (MDWFP) uses a mail survey to obtain trend data on total harvest, average daily kill, average seasonal harvest, and total man-days hunted for each game species. The estimates obtained for each of these categories contain serious sampling, response and nonresponse biases, therefore the accuracy of these estimates is unknown. Filion (1980) provided a good review of these biases and their effect on the estimates. Recognizing that these biases exist and assuming all biases remain constant, the estimates obtained from the survey provide adequate indices for monitoring trends in hunter harvest and effort.

The primary objective of the mail survey for the 1994-95 hunting season was to obtain a reliable set of statewide indices for each game species in Mississippi. The secondary objective was to provide district indices for these species. The survey is also used as a tool to monitor hunter attitudes and perceptions on specific issues. The results of the survey are used to help guide future management decisions.

METHODS

The sampling frame for the survey consisted of resident holders of a Type 00 - Sportsman, Type 01 - All Game Hunting and Fishing, or Type 05 - Small Game Hunting and Fishing licenses purchased during the 1994-95 license year.

A 2.7 percent random sample of these hunting license buyers was selected from the 191,667 licenses processed from July 1, 1994 - January 31, 1995.

An initial sample of 1,752 Type 00 (Sportsman licenses), 3,210 Type 01 licenses and 213 Type 05 licenses holders was selected. All Types were combined into a single computer file for mailing purposes.

The initial mailing consisting of the questionnaire (Figure 1), a cover letter (Figure 2) and a No. 9 postage-paid business reply envelope was mailed in a No. 10 window envelope on March 14, 1995 to the 5,175 sampled hunters. Three weeks after the initial mailing reminder post cards (Figure 3) were mailed to 3,452 sampled hunters who had not returned their questionnaire. The final mailing composed of the identical questionnaire, cover letter (Figure 4) and business reply envelope was mailed three weeks after the reminder post card mailing to the 3,128 nonrespondents. First mailing questionnaires were given identification numbers from 100,001 to 105,175 while the final mailing was given a 200,000 numbering sequence to differentiate responses between mailings. Questionnaires returned five weeks after the final mailing were not considered in the analyses.

Questionnaire design and mailing procedures were outlined by Steffen (1981). Procedures for editing and data entry of returned questionnaires were also identical to Steffen (1981).

Estimates and their standard errors for each species were calculated for the following indices; 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. These indices were calculated both on a statewide and district (Figure 5) basis.

The 1994-95 survey obtained information about two different or license years. Turkey harvest indices were partially calculated from hunters who hunted during the spring 1994 turkey season which was the 93/94 license year. Indices for other species were determined for the 1994-95 season alone. Because of prior irregularities in the license sales structure, only surveys beginning with the 1982-83 season had well defined sampling frames with a known number of license buyers (Steffen 1981, 1983 a,b), therefore spring 1994 turkey indices were calculated based on the respondents who also purchased a big game license during the previous July 1, 1993 - June 30, 1994 fiscal year (Question 9 on survey).

Estimates and standard errors of total turkey and man-days of effort were calculated as a linear combination of the spring 1994 estimates plus the fall 1994 estimates. The computer programs were altered to reflect these changes. All other calculations follow Steffen 1981.

RESULTS

Based on all three mailings, 468 (9.0 %) of the 5,175 questionnaires were returned as non-deliverable by the post office. Therefore 4,707 individuals were assumed to have been contacted to participate in the survey. Of these 2,871 (60.9%) returned their questionnaires for possible analysis and 1,836 (39.1%) were nonresponses.

Statewide expansions were calculated based on the 215,370 total hunting licenses sold and accounted for by the middle of July 1995. There existed 215,370 individuals licensed to hunt small game and 205,782 (Types 00 +01) of these license holders also were eligible to pursue big game (deer and turkey) during the 1993-94 hunting seasons. The spring, 1994 turkey hunting estimates were based on the 211,482 big game license holders accounted for in the 1993-94 license sales totals.

Based on the 2,851 usable responses, 92.6 ± 0.49 (SE) percent of all resident license holders actually participated in a hunting activity during the 1994-95 hunting season. Therefore an estimated $199,433 \pm 1,055$ (SE) licenses actually utilized their license for hunting purposes.

The expanded statewide summaries of total harvest, average daily kill, average seasonal kill, the percent of hunters and the percent of total licenses that hunted are provided in Table 1 for all game species included in the survey. Table 2 provides the expanded statewide estimates of total harvest and the variability of these (standard errors 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 9-11. Tables 12-15 summarize fox (red and gray), bobcat and

coyote hunting. Statewide and district summaries of deer (buck and doe data from the archery, primitive weapon and gun seasons) and turkey hunting are provided in Tables 16-24. Statewide totals will not necessarily equal the sum of the district totals. All figures were calculated independently and were the best statistical estimates available.

Table 25 summarizes the responses to the opinion questions in Part B.

DISCUSSION

A major change from past years' surveys was the method of selecting names for the survey. The newly automated license system eliminates the need to scan all licenses and enter names and addresses. Selection of names can now be done for all license types at the end of January using the license sales database.

For management purposes, it should be reemphasized that the hunting data provided are only indices to harvest and effort, for use in conjunction with past (and future) mail surveys to determine trends. The current survey was conducted similarly to all past surveys and is therefore useful for comparison purposes.

Response and nonresponse biases continue to exist with the survey as previously noted by Steffen (1981). Therefore discretion must be used when considering these data as absolute estimates. Assuming the biases remain consistent over time, the best uses of these data are as indices for trend determinations.

As previously recommended, the annual survey should be continued with a sample of 3,000-5,000 sportsmen. Periodically (e.g., every 5 years) a survey of 11,000 - 12,000 hunters

should be conducted to provide more precise estimates on a district basis. The next large sample survey should be conducted after the 1998-99 hunting seasons. To avoid changes in biases, attention to the consistency of survey methodology should be continued in future surveys.

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TABLE 1. EXPANDED STATEWIDE SUMMARY OF THE 1994-95 MISSISSIPPI MAIL SURVEY OF GAME HARVEST BASED ON 215,370 SMALL GAME LICENSE HOLDERS AND 205,782 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 LICENSEES
DOVE	1,703,312	6.82	24.26	93.3	245,247	3.51	70,783	32.9
QUAIL	230,721	2.35	17.43	72.5	98,673	7.62	13,446	6.2
WOODCOCK	6,572	1.00	3.11	71.4	6,577	3.35	2,115	1.0
RABBIT	471,070	1.34	8.68	88.4	338,613	6.40	54,843	25.5
SQUIRREL	1,073,743	2.31	12.53	91.1	449,292	5.30	86,118	40.0
RACCOON	134,842	0.59	9.02	95.5	211,192	15.27	14,957	6.9
ALL DUCKS	416,432	1.94	16.72	89.6	197,702	8.32	25,307	11.8
MALLARD	221,197	1.03	8.86	72.8				
WOOD DUCK	103,302	0.47	4.09	63.3				
OTHER DUCKS	91,545	0.43	3.64	43.3				
GEESE	2,568	0.20	1.17	65.5	10,969	5.80	2,191	1.0
RED FOX	3,175	0.12	1.68	77.8	24,914	16.45	2,040	0.9
GRAY FOX	7,255	0.29	4.80	90.5	24,653	18.11	1,586	0.7
BOBCAT	7,252	0.15	1.33	90.3	35,933	9.44	5,439	2.5
COYOTE	34,496	0.19	2.43	84.7	146,672	13.01	14,277	6.6
TOTAL DEER	310,100	0.087	1.80	63.5	3,201,879	18.94	172,267	83.7
BUCK	193,733	0.055	1.12	55.0				
DOE	116,447	0.033	0.68	36.6				
ARCHERY DEER	47,315	0.065	0.81	44.1	634,210	11.60	58,867	28.6
BUCK	19,550	0.026	0.33	24.5				
DOE	27,795	0.039	0.47	31.4				
PRIMITIVE DEER	31,920	0.096	0.55	38.9	285,492	5.20	58,361	28.4
BUCK	13,169	0.040	0.23	20.0				
DOE	18,734	0.056	0.32	26.0				
GUN DEER	230,400	0.093	1.39	60.7	2,255,289	13.94	165,261	80.3
BUCK	160,612	0.065	0.97	53.1				
DOE	69,827	0.028	0.42	27.9				
TOTAL TURKEY	37,068	0.117	2.89	49.6	336,215		40,865	18.0
SPRING 1994	35,749	0.102	0.92	49.5	327,711	8.87	38,814	18.4
FALL 1994	1,319	0.160	0.63	42.9	8,504	4.46	2,051	1.0

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

TABLE 2. EXPANDED STATEWIDE ESTIMATES OF TOTAL HARVEST (AND THE VARIABILITY OF THE ESTIMATES) FOR ALL GAME SPECIES IN MISSISSIPPI DURING THE 1994-95 HUNTING SEASON.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL (A)	LOWER LIMIT	UPPER LIMIT
DOVE	1,703,312	87,787	5.2	1,527,738	1,878,886
QUAIL	230,721	48,460	21.0	133,801	327,641
WOODCOCK	6,572	2,113	32.2	2,346	10,798
RABBIT	471,070	31,841	6.8	407,388	534,752
SQUIRREL	1,073,743	47,518	4.4	978,707	1,168,779
RACCOON	134,842	20,870	15.5	93,102	176,582
ALL DUCKS	416,432	36,181	8.7	344,070	488,794
MALLARD	221,197	21,557	9.7	178,083	264,311
WOOD DUCK	103,302	10,260	9.9	82,782	123,822
OTHER DUCKS	91,545	10,598	11.6	70,349	112,741
GEESE	2,568	699	27.2	1,170	3,966
RED FOX	3,175	1,397	44.0	381	5,969
GRAY FOX	7,255	2,936	40.5	1,383	13,127
BOBCAT	7,252	1,196	16.5	4,860	9,644
COYOTE	34,496	4,253	12.3	25,990	43,002
TOTAL DEER	310,100	8,306	2.7	293,488	326,712
BUCK	193,733	5,336	2.8	183,061	204,405
DOE	116,447	4,447	3.8	107,553	125,341
ARCHERY DEER	47,315	2,982	6.3	41,351	53,279
BUCK	19,550	1,523	7.8	16,504	22,596
DOE	27,795	1,988	7.2	23,819	31,771
PRIMITIVE DEER.	31,920	1,930	6.0	28,060	35,780
BUCK	13,169	1,079	8.2	11,011	15,327
DOE	18,734	1,368	7.3	15,998	21,470
GUN DEER	230,400	6,490	2.8	217,420	243,380
BUCK	160,612	4,589	2.9	151,434	169,790
DOE	69,827	3,253	4.7	63,321	76,333
TOTAL TURKEY	37,068	2,659	7.2	31,750	42,386
SPRING 1994	35,749	2,623	7.3	30,503	40,995
FALL 1994	1,319	439	33.3	441	2,197

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

TABLE 3. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF DOVE HUNTING IN MISSISSIPPI DURING THE 1994-95 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	347,383 (43,140) 2,824	7.14 (0.56) 188	23.97 (2.46) 190	96.3 (1.4) 191	46,129 (4,352) 2,820	3.20 (0.20) 189	14,515 (1,014) 920	20.8 (1.3) 920
2	ESTIMATE (SE) N	278,593 (30,764) 2,824	6.65 (0.57) 167	21.74 (1.77) 168	96.5 (1.4) 171	41,699 (4,533) 2,820	3.21 (0.26) 170	12,995 (963) 920	18.6 (1.3) 920
3	ESTIMATE (SE) N	378,575 (45,119) 2,824	7.67 (0.46) 155	31.82 (2.88) 156	95.5 (1.7) 156	49,107 (5,342) 2,820	4.15 (0.32) 155	11,855 (923) 920	17.0 (1.2) 920
4	ESTIMATE (SE) N	301,625 (43,871) 2,824	7.21 (0.64) 166	23.68 (2.96) 167	89.9 (2.3) 168	42,158 (4,821) 2,820	3.31 (0.29) 167	12,767 (956) 920	18.3 (1.3) 920
5	ESTIMATE (SE) N	145,131 (23,518) 2,824	5.13 (0.64) 93	20.24 (2.57) 94	89.6 (3.1) 96	28,487 (4,571) 2,820	3.97 (0.50) 94	7,296 (732) 920	10.4 (1.0) 920
6	ESTIMATE (SE) N	241,910 (35,632) 2,824	6.58 (0.89) 131	23.50 (2.85) 135	91.3 (2.4) 138	34,979 (4,454) 2,820	3.50 (0.33) 131	10,487 (871) 920	15.0 (1.2) 920
STATEWIDE									PERCENT OF TOTAL LICENSEES
	ESTIMATE (SE) N	1,703,312 (87,787) 2,839	6.82 (0.26) 913	24.26 (1.07) 925	93.3 (0.8) 937	245,247 (10,732) 2,833	3.51 (0.12) 919	70,783 (1,895) 2,851	32.9 (0.9) 2,851

TABLE 4. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF QUAIL HUNTING IN MISSISSIPPI DURING THE 1994-95 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	87,937 (40,415) 2,841	3.59 (1.30) 44	25.22 (11.11) 46	72.3 (6.6) 47	25,356 (15,832) 2,837	7.42 (1.32) 45	3,559 (515) 171	27.5 (3.4) 171
2	ESTIMATE (SE) N	65,725 (19,705) 2,841	2.48 (0.48) 40	20.64 (5.38) 42	83.7 (5.7) 43	26,494 (15,840) 2,837	8.51 (1.35) 41	3,256 (493) 171	25.1 (3.3) 171
3	ESTIMATE (SE) N	12,660 (6,802) 2,841	2.49 (0.86) 7	23.86 (9.85) 7	100.0 (0.0) 7	5,086 (2,405) 2,837	9.57 (2.94) 7	530 (200) 171	4.1 (1.5) 171
4	ESTIMATE (SE) N	18,270 (8,539) 2,841	1.16 (0.26) 16	15.06 (6.15) 16	68.8 (12.0) 16	15,714 (6,286) 2,837	12.94 (4.18) 16	1,212 (302) 171	9.4 (2.2) 171
5	ESTIMATE (SE) N	6,140 (3,475) 2,841	0.81 (0.32) 17	4.76 (2.51) 17	47.1 (12.5) 17	7,591 (3,101) 2,837	5.88 (2.00) 17	1,287 (311) 171	9.9 (2.3) 171
6	ESTIMATE (SE) N	29,338 (12,660) 2,841	1.89 (0.71) 38	9.68 (3.94) 40	65.9 (7.5) 41	14,803 (4,748) 2,837	5.13 (1.44) 38	3,105 (481) 171	24.0 (3.3) 171
PERCENT OF TOTAL LICENSEES									
STATEWIDE	ESTIMATE (SE) N	230,721 (48,460) 2,848	2.35 (0.40) 169	17.43 (3.44) 175	72.5 (3.4) 178	98,673 (12,153) 2,844	7.62 (0.75) 171	13,446 (976) 2,851	6.2 (0.5) 2,851

TABLE 5. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF WOODCOCK HUNTING IN MISSISSIPPI DURING THE 1994-95 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	982 (774) 2,850	1.63 (0.37) 4	2.60 (1.89) 5	60.0 (24.5) 5	605 (400) 2,848	2.00 (1.00) 4	378 (169) 27	18.5 (7.6) 27
2	ESTIMATE (SE) N	2,040 (1,565) 2,850	2.70 (1.83) 3	9.00 (5.57) 3	100.0 (0.0) 3	756 (490) 2,848	3.33 (1.20) 3	227 (131) 27	11.1 (6.2) 27
3	ESTIMATE (SE) N	1,436 (851) 2,850	1.73 (0.75) 6	3.17 (1.49) 6	83.3 (16.7) 6	832 (378) 2,848	1.83 (0.40) 6	453 (185) 27	22.2 (8.2) 27
4	ESTIMATE (SE) N	907 (650) 2,850	1.20 (0.75) 3	4.00 (2.08) 3	100.0 (0.0) 3	756 (513) 2,848	3.33 (1.45) 3	227 (131) 27	11.1 (6.2) 27
5	ESTIMATE (SE) N	529 (346) 2,850	0.28 (0.24) 3	1.75 (0.85) 4	75.0 (25.0) 4	1,891 (1,537) 2,848	8.33 (5.84) 3	302 (151) 27	14.8 (7.0) 27
6	ESTIMATE (SE) N	680 (407) 2,850	0.50 (0.18) 6	1.50 (0.72) 6	50.0 (22.4) 6	1,361 (814) 2,848	3.00 (1.44) 6	453 (185) 27	22.2 (8.2) 27
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE (SE) N	6,572 (2,113) 2,851	1.00 (0.33) 26	3.11 (0.83) 28	71.4 (8.7) 28	6,577 (1,989) 2,849	3.35 (0.79) 26	2,115 (398) 2,851	1.0 (0.2) 2,851

TABLE 6. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RABBIT HUNTING IN MISSISSIPPI DURING THE 1994-95 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	74,427 (14,843) 2,804	1.47 (0.16) 108	8.73 (1.55) 111	89.3 (2.9) 112	50,653 (8,412) 2,785	6.01 (0.83) 109	8,581 (795) 686	16.3 (1.4) 686
2	ESTIMATE (SE) 'N	72,660 (14,018) 2,804	1.74 (0.29) 84	10.75 (1.75) 88	88.9 (3.3) 90	41,991 (8,390) 2,785	6.39 (1.08) 85	6,896 (715) 686	13.1 (1.3) 686
3	ESTIMATE (SE) N	92,323 (16,417) 2,804	2.08 (0.25) 88	13.36 (1.94) 90	90.0 (3.2) 90	41,605 (7,168) 2,785	6.11 (0.84) 88	6,896 (715) 686	13.1 (1.3) 686
4	ESTIMATE (SE) N	53,535 (7,755) 2,804	1.07 (0.13) 116	5.76 (0.66) 121	86.9 (3.1) 122	48,101 (7,132) 2,785	5.32 (0.63) 117	9,347 (828) 686	17.8 (1.5) 686
5	ESTIMATE (SE) N	71,278 (14,127) 2,804	1.10 (0.20) 100	8.84 (1.54) 105	87.7 (3.2) 106	64,263 (12,189) 2,785	8.31 (1.35) 100	8,121 (774) 686	15.5 (1.4) 686
6	ESTIMATE (SE) N	87,561 (11,077) 2,804	1.06 (0.10) 161	6.95 (0.71) 164	86.1 (2.7) 166	79,497 (9,329) 2,785	6.39 (0.57) 161	12,718 (958) 686	24.2 (1.6) 686
PERCENT OF TOTAL LICENSEES									
STATEWIDE	ESTIMATE (SE) N	471,070 (31,841) 2,841	1.34 (0.07) 689	8.68 (0.52) 716	88.4 (1.2) 726	338,613 (21,320) 2,817	6.40 (0.34) 692	54,843 (1,758) 2,851	25.5 (0.8) 2,851

TABLE 7. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SQUIRREL HUNTING IN MISSISSIPPI DURING THE 1994-95 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	144,635 (18,701) 2,789	2.07 (0.18) 163	11.28 (1.19) 166	89.8 (2.3) 167	70,341 (8,818) 2,774	5.52 (0.55) 164	12,864 (965) 1,085	15.4 (1.1) 1,085
2	ESTIMATE (SE) N	83,167 (11,920) 2,789	1.90 (0.17) 122	8.76 (0.99) 123	87.3 (3.0) 126	46,273 (6,340) 2,774	4.81 (0.51) 124	9,706 (845) 1,085	11.6 (1.0) 1,085
3	ESTIMATE (SE) N	145,562 (18,223) 2,789	2.52 (0.27) 134	13.76 (1.29) 137	94.2 (2.0) 137	54,813 (8,536) 2,774	5.27 (0.69) 134	10,553 (879) 1,085	12.6 (1.0) 1,085
4	ESTIMATE (SE) N	187,184 (17,589) 2,789	2.32 (0.16) 219	10.97 (0.75) 221	90.1 (2.0) 222	79,968 (7,896) 2,774	4.68 (0.35) 220	17,100 (1,101) 1,085	20.5 (1.2) 1,085
5	ESTIMATE (SE) N	188,343 (21,583) 2,789	2.34 (0.20) 170	13.94 (1.23) 175	93.8 (1.8) 176	76,940 (8,630) 2,774	5.80 (0.49) 171	13,557 (989) 1,085	16.2 (1.1) 1,085
6	ESTIMATE (SE) N	298,923 (31,908) 2,789	2.57 (0.17) 249	15.12 (1.34) 256	90.3 (1.9) 257	108,384 (9,947) 2,774	5.58 (0.39) 250	19,796 (1,177) 1,085	23.7 (1.3) 1,085
STATEWIDE									PERCENT OF TOTAL LICENSEES
	ESTIMATE (SE) N	1,073,743 (47,518) 2,842	2.31 (0.08) 1,103	12.53 (0.47) 1,131	91.1 (0.8) 1,140	449,292 (19,257) 2,821	5.30 (0.19) 1,110	86,118 (1,976) 2,851	40.0 (0.9) 2,851

TABLE 8. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RACCOON HUNTING IN MISSISSIPPI DURING THE 1994-95 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	11,023 (3,970) 2,833	0.60 (0.13) 16	8.53 (2.35) 17	100.0 (0.0) 17	18,107 (5,520) 2,819	14.81 (2.68) 16	1,292 (313) 180	9.4 (2.2) 180
2	ESTIMATE (SE) N	34,970 (16,368) 2,833	0.90 (0.35) 20	21.90 (9.30) 21	90.5 (6.6) 21	35,526 (18,647) 2,819	23.25 (11.33) 20	1,596 (347) 180	11.7 (2.4) 180
3	ESTIMATE (SE) N	15,508 (6,220) 2,833	1.07 (0.27) 19	9.27 (3.23) 22	100.0 (0.0) 22	13,370 (5,176) 2,819	9.21 (2.96) 19	1,672 (355) 180	12.2 (2.4) 180
4	ESTIMATE (SE) N	10,871 (2,999) 2,833	0.72 (0.14) 28	4.93 (1.03) 29	96.6 (3.4) 29	14,821 (4,086) 2,819	6.93 (1.42) 28	2,205 (407) 180	16.1 (2.7) 180
5	ESTIMATE (SE) N	13,076 (3,424) 2,833	0.46 (0.13) 26	5.38 (1.06) 32	90.6 (5.2) 32	24,448 (7,461) 2,819	12.31 (2.94) 26	2,433 (428) 180	17.8 (2.9) 180
6	ESTIMATE (SE) N	43,256 (9,902) 2,833	0.44 (0.16) 57	9.64 (1.84) 59	96.6 (2.4) 59	92,214 (33,460) 2,819	21.18 (7.23) 57	4,485 (578) 180	32.8 (3.5) 180
PERCENT OF TOTAL LICENSEES									
STATEWIDE	ESTIMATE (SE) N	134,842 (20,870) 2,851	0.59 (0.11) 182	9.02 (1.25) 198	95.5 (1.5) 198	211,192 (40,075) 2,835	15.27 (2.69) 182	14,957 (1,026) 2,851	6.9 (0.5) 2,851

TABLE 9. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ALL DUCK HUNTING IN MISSISSIPPI DURING THE 1994-95 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	49,162 (15,084) 2,830	1.95 (0.36) 38	15.76 (4.22) 41	90.2 (4.7) 41	22,876 (5,047) 2,815	7.87 (1.20) 38	3,114 (483) 320	12.8 (1.9) 320
2	ESTIMATE (SE) N	120,851 (21,193) 2,830	1.86 (0.14) 69	21.46 (2.86) 74	89.7 (3.5) 78	57,687 (8,343) 2,815	10.47 (0.91) 72	5,923 (662) 320	24.4 (2.4) 320
3	ESTIMATE (SE) N	158,978 (22,594) 2,830	2.19 (0.12) 102	19.71 (2.09) 106	89.8 (2.9) 108	68,628 (8,607) 2,815	8.71 (0.70) 103	8,202 (774) 320	33.8 (2.6) 320
4	ESTIMATE (SE) N	16,438 (5,001) 2,830	1.22 (0.15) 26	8.00 (1.93) 27	85.2 (7.0) 27	13,389 (3,802) 2,815	6.73 (1.41) 26	2,050 (393) 320	8.4 (1.6) 320
5	ESTIMATE (SE) N	27,777 (7,406) 2,830	2.05 (0.29) 31	10.43 (2.19) 35	85.7 (6.0) 35	12,547 (3,458) 2,815	5.29 (1.13) 31	2,658 (447) 320	10.9 (1.7) 320
6	ESTIMATE (SE) N	23,363 (7,255) 2,830	1.28 (0.26) 29	9.90 (2.56) 31	93.5 (4.5) 31	17,597 (4,195) 2,815	7.93 (1.22) 29	2,354 (421) 320	9.7 (1.7) 320
STATEWIDE									PERCENT OF TOTAL LICENSEES
	ESTIMATE (SE) N	416,432 (36,181) 2,845	1.94 (0.09) 308	16.72 (1.17) 329	89.6 (1.7) 335	197,702 (14,397) 2,828	8.32 (0.41) 312	25,307 (1,299) 2,851	11.8 (0.6) 2,851

TABLE 10. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF MALLARD, WOOD DUCK, AND OTHER DUCK HUNTING IN MISSISSIPPI DURING THE 1994-95 HUNTING SEASON.

DISTRICT (1)	STATISTIC	MALLARDS					WOOD DUCKS					OTHER DUCKS				
		TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	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	25,333 (9,210) 2,831	1.01 (0.26) 38	8.12 (2.70) 41	68.3 (7.4) 41	17,777 (5,452) 2,835	0.69 (0.18) 38	5.71 (1.53) 41	78.0 (6.5) 41	6,004 (2,743) 2,834	0.26 (0.09) 38	1.93 (0.84) 41	26.8 (7.0) 41			
2	ESTIMATE (SE) N	73,717 (13,645) 2,831	1.13 (0.11) 70	12.92 (1.90) 75	83.3 (4.2) 78	22,639 (4,818) 2,835	0.31 (0.04) 72	3.82 (0.70) 78	57.7 (5.6) 78	24,394 (5,523) 2,834	0.40 (0.07) 70	4.22 (0.83) 76	51.3 (5.7) 78			
3	ESTIMATE (SE) N	92,660 (13,178) 2,831	1.28 (0.08) 102	11.49 (1.22) 106	86.1 (3.3) 108	33,122 (5,897) 2,835	0.46 (0.06) 103	4.07 (0.62) 107	57.4 (4.8) 108	33,058 (5,827) 2,834	0.45 (0.05) 103	4.03 (0.60) 108	49.1 (4.8) 108			
4	ESTIMATE (SE) N	7,608 (3,679) 2,831	0.57 (0.23) 26	3.70 (1.68) 27	48.1 (9.8) 27	6,305 (2,079) 2,835	0.47 (0.09) 26	3.07 (0.84) 27	59.3 (9.6) 27	2,508 (1,114) 2,834	0.17 (0.06) 26	1.22 (0.50) 27	25.9 (8.6) 27			
5	ESTIMATE (SE) N	11,259 (3,393) 2,831	0.83 (0.12) 31	4.23 (1.07) 35	65.7 (8.1) 35	10,560 (3,085) 2,835	0.79 (0.17) 31	3.97 (0.96) 35	60.0 (8.4) 35	5,928 (2,593) 2,834	0.44 (0.19) 31	2.23 (0.91) 35	34.3 (8.1) 35			
6	ESTIMATE (SE) N	4,108 (1,875) 2,831	0.22 (0.10) 29	1.74 (0.74) 31	35.5 (8.7) 31	7,521 (1,807) 2,835	0.42 (0.07) 29	3.19 (0.52) 31	80.6 (7.2) 31	11,703 (5,236) 2,834	0.64 (0.23) 29	4.97 (2.07) 31	32.3 (8.5) 31			
STATEWIDE	ESTIMATE (SE) N	221,197 (21,557) 2,846	1.03 (0.06) 309	8.86 (0.73) 330	72.8 (2.4) 335	103,302 (10,280) 2,850	0.47 (0.04) 312	4.09 (0.35) 334	63.3 (2.6) 335	91,545 (10,598) 2,849	0.43 (0.04) 310	3.64 (0.38) 333	43.3 (2.7) 335			

TABLE 11. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GOOSE HUNTING IN MISSISSIPPI DURING THE 1994-95 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	76 (76) 2,849	0.03 (0.01) 3	0.33 (0.33) 3	33.3 (33.3) 3	2,648 (2,286) 2,847	11.67 (9.17) 3	227 (131) 27	11.1 (6.2) 27
2	ESTIMATE (SE) N	302 (185) 2,849	0.24 (0.10) 8	0.50 (0.27) 8	37.5 (18.3) 8	1,286 (550) 2,847	2.13 (0.55) 8	605 (214) 27	29.6 (9.0) 27
3	ESTIMATE (SE) N	1,587 (609) 2,849	0.30 (0.11) 11	1.91 (0.48) 11	90.9 (9.1) 11	5,371 (2,205) 2,847	6.45 (1.89) 11	832 (250) 27	40.7 (9.6) 27
4	ESTIMATE (SE) N	302 (185) 2,849	0.21 (0.02) 2	1.33 (0.33) 3	100.0 (0.0) 3	1,059 (815) 2,847	7.00 (3.00) 2	227 (131) 27	11.1 (6.2) 27
5	ESTIMATE (SE) N	0 (0) 2,849	. (.) .	. (.) .	. (.) .	0 (0) 2,847	. (.) .	0 (0) 27	0.0 (0.0) 27
6	ESTIMATE (SE) N	0 (0) 2,849	0.00 (.) 1	0.00 (0.00) 2	0.0 (0.0) 2	605 (605) 2,847	8.00 (.) 1	151 (107) 27	7.4 (5.1) 27
STATEWIDE									PERCENT OF TOTAL LICENSEES
ESTIMATE (SE) N		2,568 (699) 2,851	0.20 (0.06) 25	1.17 (0.24) 29	65.5 (9.0) 29	10,969 (3,375) 2,847	5.80 (1.39) 25	2,191 (405) 2,851	1.0 (0.2) 2,851

TABLE 12. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF RED FOX HUNTING IN MISSISSIPPI DURING THE 1994-95 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	76 (76) 2,844	1.00 (.) 1	1.00 (.) 1	100.0 (.) 1	76 (76) 2,839	1.00 (.) 1	76 (76) 21	4.8 (4.8) 21
2	ESTIMATE (SE) N	0 (0) 2,844	. (.) .	. (.) .	. (.) .	0 (0) 2,839	. (.) .	0 (0) 21	0.0 (0.0) 21
3	ESTIMATE (SE) N	151 (107) 2,844	1.00 (.) 1	0.67 (0.33) 3	66.7 (33.3) 3	76 (76) 2,839	1.00 (.) 1	227 (131) 21	14.3 (7.8) 21
4	ESTIMATE (SE) N	530 (393) 2,844	0.25 (0.25) 5	1.40 (0.93) 5	60.0 (24.5) 5	2,124 (1,569) 2,839	5.60 (3.68) 5	379 (169) 21	23.8 (9.5) 21
5	ESTIMATE (SE) N	151 (151) 2,844	1.00 (.) 1	2.00 (.) 1	100.0 (0.0) 2	152 (152) 2,839	2.00 (.) 1	151 (107) 21	9.5 (6.6) 21
6	ESTIMATE (SE) N	757 (303) 2,844	0.21 (0.17) 7	1.00 (0.26) 10	80.0 (13.3) 10	2,883 (1,951) 2,839	5.43 (3.29) 7	757 (239) 21	47.6 (11.2) 21
STATEWIDE									PERCENT OF TOTAL LICENSEES
ESTIMATE (SE) N		3,175 (1,397) 2,849	0.12 (0.11) 20	1.68 (0.67) 25	77.8 (8.2) 27	24,914 (19,101) 2,844	16.45 (12.38) 20	2,040 (391) 2,851	0.9 (0.2) 2,851

TABLE 13. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF GRAY FOX HUNTING IN MISSISSIPPI DURING THE 1994-95 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) 2,848	. (.) .	. (.) .	. (.) .	0 (0) 2,846	. (.) .	0 (0) 19	0.0 (0.0) 19
2	ESTIMATE (SE) N	76 (76) 2,848	0.00 (0.01) 2	0.50 (0.50) 2	50.0 (50.0) 2	19,146 (18,920) 2,846	126.50 123.50 2	151 (107) 19	10.5 (7.2) 19
3	ESTIMATE (SE) N	983 (911) 2,848	0.62 (0.04) 2	6.50 (5.50) 2	100.0 (0.0) 2	1,589 (1,515) 2,846	10.50 (9.50) 2	151 (107) 19	10.5 (7.2) 19
4	ESTIMATE (SE) N	2,571 (2,276) 2,848	3.40 (1.82) 4	8.50 (7.17) 4	100.0 (0.0) 4	757 (454) 2,846	2.50 (0.96) 4	302 (151) 19	21.1 (9.6) 19
5	ESTIMATE (SE) N	1,739 (1,245) 2,848	1.28 (0.86) 5	4.60 (2.87) 5	100.0 (0.0) 6	1,362 (749) 2,846	3.60 (1.29) 5	454 (185) 19	31.6 (11.0) 19
6	ESTIMATE (SE) N	1,286 (941) 2,848	1.07 (0.89) 3	3.40 (2.20) 5	80.0 (20.0) 5	1,135 (818) 2,846	5.00 (2.65) 3	378 (169) 19	26.3 (10.4) 19
STATEWIDE									PERCENT OF TOTAL LICENSEES
	ESTIMATE (SE) N	7,255 (2,936) 2,850	0.29 (0.25) 18	4.80 (1.66) 20	90.5 (6.6) 21	24,653 (19,010) 2,848	18.11 (13.68) 18	1,586 (345) 2,851	0.7 (0.2) 2,851

TABLE 14. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF BOBCAT HUNTING IN MISSISSIPPI DURING THE 1994-95 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	605 (214) 2,848	0.02 (0.02) 6	0.89 (0.11) 9	88.9 (11.1) 9	19,724 (19,042) 2,828	43.17 (41.37) 6	681 (227) 69	13.0 (4.1) 69
2	ESTIMATE (SE) N	756 (321) 2,848	0.24 (0.22) 7	1.25 (0.31) 8	87.5 (12.5) 8	2,513 (1,925) 2,828	4.71 (3.39) 7	605 (214) 69	11.6 (3.9) 69
3	ESTIMATE (SE) N	1,739 (852) 2,848	0.66 (0.34) 9	1.92 (0.79) 12	83.3 (11.2) 12	2,209 (972) 2,828	3.22 (0.98) 9	907 (261) 69	17.4 (4.6) 69
4	ESTIMATE (SE) N	983 (311) 2,848	0.50 (0.14) 11	1.00 (0.16) 13	84.6 (10.4) 13	1,523 (609) 2,828	1.82 (0.50) 11	983 (272) 69	18.8 (4.7) 69
5	ESTIMATE (SE) N	1,966 (512) 2,848	0.18 (0.12) 9	1.44 (0.17) 18	100.0 (0.0) 18	6,702 (5,301) 2,828	9.78 (7.44) 9	1,361 (320) 69	26.1 (5.3) 69
6	ESTIMATE (SE) N	983 (447) 2,848	0.29 (0.10) 7	1.44 (0.47) 9	88.9 (11.1) 9	3,199 (2,352) 2,828	6.00 (4.09) 7	681 (227) 69	13.0 (4.1) 69
STATEWIDE									PERCENT OF TOTAL LICENSEES
	ESTIMATE (SE) N	7,252 (1,196) 2,851	0.15 (0.09) 50	1.33 (0.16) 72	90.3 (3.5) 72	35,933 (20,017) 2,829	9.44 (5.14) 50	5,439 (633) 2,851	2.5 (0.3) 2,851

TABLE 15. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF COYOTE HUNTING IN MISSISSIPPI DURING THE 1994-95 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	5,474 (1,254) 2,833	0.21 (0.09) 34	1.89 (0.31) 38	84.6 (5.9) 39	26,355 (10,523) 2,803	9.80 (3.60) 35	2,962 (471) 174	22.4 (3.2) 174
2	ESTIMATE (SE) N	9,123 (2,663) 2,833	0.12 (0.05) 30	3.24 (0.80) 37	89.5 (5.0) 38	67,769 (34,951) 2,803	29.40 (14.43) 30	2,886 (465) 174	21.8 (3.1) 174
3	ESTIMATE (SE) N	5,093 (1,647) 2,833	0.29 (0.08) 19	3.05 (0.76) 22	100.0 (0.0) 22	15,751 (5,711) 2,803	10.79 (3.12) 19	1,671 (355) 174	12.6 (2.5) 174
4	ESTIMATE (SE) N	5,246 (1,821) 2,833	0.38 (0.17) 19	2.91 (0.86) 23	73.9 (9.4) 23	10,834 (4,177) 2,803	7.42 (2.37) 19	1,747 (363) 174	13.2 (2.6) 174
5	ESTIMATE (SE) N	4,029 (1,390) 2,833	0.25 (0.16) 18	2.21 (0.63) 24	88.0 (6.6) 25	11,910 (5,898) 2,803	8.61 (3.86) 18	1,899 (378) 174	14.4 (2.7) 174
6	ESTIMATE (SE) N	2,737 (924) 2,833	0.20 (0.12) 20	1.22 (0.37) 27	66.7 (9.2) 27	9,681 (3,887) 2,803	6.30 (2.16) 20	2,050 (393) 174	15.5 (2.8) 174
STATEWIDE	ESTIMATE (SE) N	34,496 (4,253) 2,847	0.19 (0.05) 146	2.43 (0.25) 185	84.7 (2.6) 189	146,672 (37,803) 2,809	13.01 (3.20) 147	14,277 (1,004) 2,851	6.6 (0.5) 2,851

TABLE 16. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY DEER HUNTING IN MISSISSIPPI DURING THE 1994-95 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	5,988 (1,962) 2,818	0.053 (0.007) 120	0.62 (0.08) 133	37.3 (4.2) 134	96,790 (10,939) 2,749	10.69 (0.75) 121	9,764 (823) 790	17.0 (1.3) 790
2	ESTIMATE (SE) N	6,061 (1,147) 2,818	0.059 (0.011) 106	0.69 (0.12) 121	40.7 (4.4) 123	90,577 (11,118) 2,749	11.20 (0.88) 108	8,963 (791) 790	15.6 (1.3) 790
3	ESTIMATE (SE) N	5,696 (1,235) 2,818	0.070 (0.010) 83	0.88 (0.17) 89	50.0 (5.3) 90	74,483 (11,792) 2,749	11.85 (1.39) 84	6,558 (680) 790	11.4 (1.1) 790
4	ESTIMATE (SE) N	10,881 (1,524) 2,818	0.074 (0.009) 153	0.90 (0.11) 165	45.5 (3.9) 165	132,946 (14,871) 2,749	11.61 (0.93) 153	12,023 (908) 790	20.9 (1.4) 790
5	ESTIMATE (SE) N	10,296 (1,416) 2,818	0.079 (0.009) 121	1.04 (0.11) 136	51.1 (4.3) 137	106,297 (11,868) 2,749	11.64 (0.80) 122	9,983 (832) 790	17.3 (1.3) 790
6	ESTIMATE (SE) N	7,668 (1,189) 2,818	0.053 (0.007) 127	0.75 (0.10) 140	41.1 (4.2) 141	120,819 (13,954) 2,749	12.71 (0.97) 127	10,275 (844) 790	17.8 (1.4) 790
STATEWIDE									PERCENT OF TOTAL LICENSEES(A)
ESTIMATE (SE) N		47,315 (2,982) 2,840	0.065 (0.003) 729	0.81 (0.05) 806	44.1 (1.7) 814	634,210 (29,014) 2,770	11.60 (0.38) 736	58,867 (1,743) 2,849	28.6 (0.8) 2,849

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

TABLE 17. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF ARCHERY BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 1994-95 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	2,848	0.025	0.29	23.1	3,138	0.028	0.32	25.4
	(SE) N	(558) 2,818	(0.005) 120	(0.05) 133	(3.7) 134	(585) 2,820	(0.005) 120	(0.05) 133	(3.8) 134
2	ESTIMATE	2,994	0.025	0.34	23.6	3,065	0.034	0.34	22.0
	(SE) N	(621) 2,818	(0.005) 106	(0.06) 121	(3.8) 123	(763) 2,820	(0.008) 107	(0.08) 122	(3.7) 123
3	ESTIMATE	2,556	0.031	0.39	27.8	3,138	0.039	0.48	32.2
	(SE) N	(605) 2,818	(0.006) 83	(0.08) 89	(4.7) 90	(774) 2,820	(0.007) 83	(0.11) 89	(5.0) 90
4	ESTIMATE	3,870	0.026	0.32	23.0	7,005	0.048	0.58	36.4
	(SE) N	(708) 2,818	(0.005) 153	(0.05) 165	(3.3) 165	(1,039) 2,820	(0.006) 153	(0.07) 165	(3.8) 165
5	ESTIMATE	3,651	0.028	0.37	27.7	6,640	0.051	0.66	41.6
	(SE) N	(674) 2,818	(0.005) 121	(0.06) 136	(3.8) 137	(979) 2,820	(0.006) 122	(0.08) 137	(4.2) 137
6	ESTIMATE	3,067	0.020	0.30	22.7	4,597	0.033	0.45	30.5
	(SE) N	(581) 2,818	(0.004) 127	(0.05) 140	(3.5) 141	(798) 2,820	(0.005) 127	(0.07) 140	(3.9) 141
STATEWIDE	ESTIMATE	19,550	0.026	0.33	24.5	27,795	0.039	0.47	31.4
	(SE) N	(1,523) 2,842	(0.002) 731	(0.02) 808	(1.5) 815	(1,988) 2,843	(0.002) 731	(0.03) 809	(1.6) 813

TABLE 18. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMITIVE WEAPON DEER HUNTING IN MISSISSIPPI DURING THE 1994-95 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	4,322 (709) 2,809	0.080 (0.012) 124	0.45 (0.06) 132	32.6 (4.1) 132	46,816 (4,850) 2,756	5.06 (0.28) 124	9,649 (820) 774	17.1 (1.4) 774
2	ESTIMATE (SE) N	5,568 (835) 2,809	0.112 (0.014) 119	0.58 (0.07) 132	43.0 (4.3) 135	42,709 (4,440) 2,756	4.69 (0.26) 122	9,869 (829) 774	17.4 (1.4) 774
3	ESTIMATE (SE) N	3,883 (672) 2,809	0.098 (0.015) 96	0.53 (0.08) 100	40.0 (4.9) 100	37,259 (4,912) 2,756	5.20 (0.45) 96	7,310 (718) 774	12.9 (1.2) 774
4	ESTIMATE (SE) N	6,154 (859) 2,809	0.104 (0.013) 133	0.59 (0.07) 142	41.5 (4.2) 142	53,760 (6,096) 2,756	5.41 (0.41) 133	10,380 (849) 774	18.3 (1.4) 774
5	ESTIMATE (SE) N	6,227 (968) 2,809	0.107 (0.015) 116	0.65 (0.09) 130	41.2 (4.3) 131	48,235 (5,241) 2,756	5.52 (0.33) 117	9,576 (817) 774	16.9 (1.3) 774
6	ESTIMATE (SE) N	4,395 (698) 2,809	0.073 (0.012) 122	0.45 (0.06) 132	35.1 (4.1) 134	48,459 (5,711) 2,756	5.28 (0.41) 123	9,796 (826) 774	17.3 (1.4) 774
STATEWIDE									PERCENT OF TOTAL LICENSEES(A)
ESTIMATE (SE) N		31,920 (1,930) 2,843	0.096 (0.006) 737	0.55 (0.03) 802	38.9 (1.7) 808	285,492 (12,037) 2,783	5.20 (0.15) 742	58,361 (1,738) 2,849	28.4 (0.8) 2,849

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

TABLE 19. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF PRIMITIVE WEAPON BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 1994-95 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	2,197	0.041	0.23	18.9	2,123	0.038	0.22	18.9
	(SE) N	(461) 2,810	(0.009) 124	(0.04) 132	(3.4) 132	(444) 2,811	(0.008) 124	(0.04) 132	(3.4) 132
2	ESTIMATE	2,710	0.054	0.28	24.4	2,855	0.057	0.29	25.9
	(SE) N	(521) 2,810	(0.010) 119	(0.05) 132	(3.7) 135	(530) 2,811	(0.010) 120	(0.05) 133	(3.8) 135
3	ESTIMATE	1,758	0.044	0.24	22.0	2,123	0.054	0.29	26.0
	(SE) N	(386) 2,810	(0.009) 96	(0.05) 100	(4.2) 100	(431) 2,811	(0.010) 96	(0.05) 100	(4.4) 100
4	ESTIMATE	2,270	0.040	0.22	18.3	3,880	0.064	0.37	29.6
	(SE) N	(478) 2,810	(0.008) 133	(0.04) 142	(3.3) 142	(630) 2,811	(0.010) 133	(0.05) 142	(3.8) 142
5	ESTIMATE	1,611	0.029	0.17	14.5	4,612	0.078	0.48	34.4
	(SE) N	(386) 2,810	(0.007) 117	(0.04) 131	(3.1) 131	(766) 2,811	(0.012) 116	(0.07) 130	(4.2) 131
6	ESTIMATE	1,758	0.028	0.18	19.4	2,635	0.045	0.27	23.1
	(SE) N	(357) 2,810	(0.006) 122	(0.03) 132	(3.4) 134	(505) 2,811	(0.009) 122	(0.05) 133	(3.7) 134
STATEWIDE	ESTIMATE	13,169	0.040	0.23	20.0	18,734	0.056	0.32	26.0
	(SE) N	(1,079) 2,844	(0.003) 738	(0.02) 803	(1.4) 808	(1,368) 2,845	(0.004) 738	(0.02) 804	(1.5) 808

TABLE 20. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN DEER HUNTING IN MISSISSIPPI
DURING THE 1994-95 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	33,866 (2,738) 2,704	0.083 (0.005) 300	1.31 (0.08) 340	60.1 (2.7) 341	352,619 (24,459) 2,545	14.49 (0.63) 301	25,685 (1,301) 2,171	15.7 (0.8) 2,171
2	ESTIMATE (SE) N	42,313 (3,319) 2,704	0.092 (0.005) 359	1.42 (0.09) 390	61.9 (2.4) 399	430,485 (25,911) 2,545	14.51 (0.52) 367	30,054 (1,391) 2,171	18.4 (0.8) 2,171
3	ESTIMATE (SE) N	27,397 (2,584) 2,704	0.114 (0.008) 223	1.54 (0.11) 232	68.6 (3.0) 236	241,925 (19,433) 2,545	13.24 (0.65) 226	17,776 (1,106) 2,171	10.9 (0.7) 2,171
4	ESTIMATE (SE) N	43,531 (2,963) 2,704	0.095 (0.005) 369	1.42 (0.07) 402	65.3 (2.4) 406	417,062 (25,675) 2,545	13.87 (0.54) 372	30,581 (1,401) 2,171	18.7 (0.8) 2,171
5	ESTIMATE (SE) N	42,389 (3,295) 2,704	0.100 (0.006) 339	1.49 (0.09) 373	61.9 (2.5) 375	380,434 (25,272) 2,545	13.80 (0.60) 341	28,246 (1,355) 2,171	17.3 (0.8) 2,171
6	ESTIMATE (SE) N	34,475 (2,996) 2,704	0.072 (0.005) 374	1.10 (0.08) 410	50.2 (2.5) 414	433,395 (25,587) 2,545	14.22 (0.50) 377	31,184 (1,412) 2,171	19.1 (0.8) 2,171
STATEWIDE									PERCENT OF TOTAL LICENSEES(A)
ESTIMATE (SE) N		230,400 (6,490) 2,817	0.093 (0.002) 2,041	1.39 (0.04) 2,260	60.7 (1.0) 2,287	2,255,289 (13,373) 2,624	13.94 (0.23) 2,063	165,261 (1,533) 2,849	80.3 (0.7) 2,849

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

TABLE 21. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF REGULAR GUN BUCK AND DOE HUNTING IN MISSISSIPPI DURING THE 1994-95 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	24,259	0.060	0.94	53.7	9,526	0.023	0.37	25.2
	(SE) N	(1,988) 2,706	(0.004) 300	(0.06) 340	(2.7) 341	(1,142) 2,722	(0.003) 300	(0.04) 340	(2.4) 341
2	ESTIMATE	31,864	0.070	1.07	56.4	10,357	0.022	0.34	22.3
	(SE) N	(2,476) 2,706	(0.004) 359	(0.07) 390	(2.5) 399	(1,361) 2,722	(0.002) 365	(0.04) 397	(2.1) 399
3	ESTIMATE	19,468	0.081	1.09	59.3	7,862	0.033	0.44	30.9
	(SE) N	(1,921) 2,706	(0.006) 224	(0.08) 233	(3.2) 236	(1,031) 2,722	(0.004) 225	(0.05) 235	(3.0) 236
4	ESTIMATE	29,734	0.064	0.97	54.7	13,684	0.031	0.45	34.2
	(SE) N	(2,195) 2,706	(0.004) 369	(0.06) 402	(2.5) 406	(1,249) 2,722	(0.003) 372	(0.04) 405	(2.4) 406
5	ESTIMATE	26,084	0.062	0.92	52.8	16,178	0.038	0.57	37.3
	(SE) N	(2,113) 2,706	(0.004) 339	(0.06) 373	(2.6) 375	(1,610) 2,722	(0.003) 340	(0.05) 374	(2.5) 375
6	ESTIMATE	25,856	0.054	0.82	44.4	8,543	0.019	0.27	19.8
	(SE) N	(2,314) 2,706	(0.004) 375	(0.06) 411	(2.4) 414	(1,070) 2,722	(0.002) 376	(0.03) 413	(2.0) 414
STATEWIDE	ESTIMATE	160,612	0.065	0.97	53.1	69,827	0.028	0.42	27.9
	(SE) N	(4,589) 2,820	(0.002) 2,044	(0.03) 2,263	(1.0) 2,288	(3,253) 2,838	(0.001) 2,056	(0.02) 2,280	(0.9) 2,287

TABLE 22. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF SPRING TURKEY HUNTING IN MISSISSIPPI DURING THE 1994-95 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	2,795 (645) 2,573	0.079 (0.012) 55	0.59 (0.11) 58	39.7 (6.5) 58	33,741 (6,060) 2,551	7.40 (0.90) 55	4,765 (619) 452	12.8 (1.6) 452
2	ESTIMATE (SE) N	2,712 (895) 2,573	0.086 (0.022) 39	0.79 (0.23) 42	35.7 (7.5) 42	28,104 (6,335) 2,551	8.69 (1.41) 39	3,451 (528) 452	9.3 (1.4) 452
3	ESTIMATE (SE) N	4,685 (1,156) 2,573	0.108 (0.020) 54	1.04 (0.22) 55	54.5 (6.8) 55	42,943 (8,034) 2,551	9.59 (1.26) 54	4,519 (603) 452	12.2 (1.5) 452
4	ESTIMATE (SE) N	9,534 (1,373) 2,573	0.113 (0.010) 99	1.10 (0.12) 105	56.2 (4.9) 105	80,746 (10,609) 2,551	9.84 (0.86) 99	8,627 (825) 452	23.2 (2.0) 452
5	ESTIMATE (SE) N	7,808 (1,167) 2,573	0.120 (0.012) 93	0.95 (0.11) 100	53.5 (5.0) 101	58,777 (8,123) 2,551	7.54 (0.71) 94	8,298 (810) 452	22.3 (2.0) 452
6	ESTIMATE (SE) N	7,069 (1,160) 2,573	0.089 (0.011) 88	0.95 (0.12) 91	48.4 (5.3) 91	75,523 (10,304) 2,551	10.35 (0.91) 88	7,477 (770) 452	20.1 (1.9) 452
STATEWIDE									PERCENT OF TOTAL LICENSEES(A)
	ESTIMATE (SE) N	35,749 (2,623) 2,597	0.102 (0.005) 448	0.92 (0.06) 475	49.5 (2.3) 477	327,711 (19,925) 2,571	8.87 (0.38) 449	38,814 (1,606) 2,599	18.4 (0.8) 2,599

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

TABLE 23. EXPANDED STATEWIDE AND DISTRICT SUMMARIES OF FALL TURKEY HUNTING IN MISSISSIPPI DURING THE 1994 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	588	0.229	0.89	44.4	2,571	3.89	661	40.9
	(SE)	(344)	(0.072)	(0.45)	(17.6)	(1,091)	(1.09)	(220)	(10.7)
	N	2,802	9	9	9	2,801	9	22	22
3	ESTIMATE	220	0.214	0.60	60.0	1,029	2.80	367	22.7
	(SE)	(127)	(0.128)	(0.24)	(24.5)	(550)	(0.92)	(164)	(9.1)
	N	2,802	5	5	5	2,801	5	22	22
5	ESTIMATE	220	0.154	0.29	37.5	1,590	3.83	587	36.4
	(SE)	(127)	(0.124)	(0.18)	(18.3)	(878)	(1.35)	(207)	(10.5)
	N	2,802	5	7	8	2,801	6	22	22
-----									PERCENT OF TOTAL LICENSEES(B)
STATEWIDE	ESTIMATE	1,319	0.160	0.63	42.9	8,504	4.46	2,051	1.0
	(SE)	(439)	(0.062)	(0.19)	(9.5)	(2,701)	(1.14)	(386)	(0.2)
	N	2,808	25	27	28	2,807	26	2,809	2,809

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

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

TABLE 24 . EXPANDED STATEWIDE SUMMARIES OF ALL DEER, BUCK, AND DOE HUNTING IN MISSISSIPPI DURING THE 1994-95 HUNTING SEASON AND ALL TURKEY HUNTING (COMBINING SPRING AND FALL DATA) DURING THE 1994 CALENDAR YEAR IN MISSISSIPPI.

SPECIES	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE		PERCENT OF TOTAL LICENSEES(A)
							SEASONAL DAYS HUNTING	TOTAL HUNTERS	
DEER	ESTIMATE	310,100	0.087	1.80	63.5	3,201,879	18.94	172,267	83.7
	(SE) N	(8,306) 2,813	(0.002) 2,115	(0.05) 2,352	(1.0) 2,384	(66,386) 2,602	(0.35) 2,138	(1,424) 2,849	(0.7) 2,849
BUCK	ESTIMATE	193,733	0.055	1.12	55.0				
	(SE) N	(5,336) 2,818	(0.001) 2,118	(0.03) 2,357	(1.0) 2,385				
DOE	ESTIMATE	116,447	0.033	0.68	36.6				
	(SE) N	(4,447) 2,831	(0.001) 2,127	(0.03) 2,370	(1.0) 2,384				
TURKEY	ESTIMATE	37,068	0.117	2.89	49.6	336,215	(7.63)	40,865	18.0
	(SE) N	(2,659) 486	(0.080) 486	(1.96) 510	(2.2) 512	(20,108)	487	(1,652) 2,850	(0.7) 2,850

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

B.HARVEST SURVEY QUESTIONS

1. Do you consider the harvest of antlerless deer necessary in managing the deer in Mississippi?

87.5% (2461) Yes

12.1% (338) No

2. Do you consider the harvest of antlerless deer necessary in managing the deer where you hunt in Mississippi?

79.9% (2216) Yes

20.2% (562) No

3. Do you think it should be legal to shoot a deer over a feeder or pile of corn?

28.2% (788) Yes

71.8% (2002) No

4. Do you think gun season for bucks should open

63.0% (1770) The Saturday before Thanksgiving

13.2% (372) December 1

9.5% (268) December 15

5.4% (152) Other

8.8% (246) Don't know

5. Do you think archery season should open

37.8% (1060) October 1

27.6% (773) October 15

10.1% (283) Other

24.5% (685) Don't know

6. Rank the following methods of deer hunting according to which you enjoy most.
- | | | |
|-------|--------|--------------------|
| 14.8% | (406) | Archery |
| 8.1% | (221) | Muzzleloader |
| 27.9% | (766) | Gun (with dogs) |
| 50.4 | (1393) | Gun (without dogs) |
7. Which combination do you prefer for duck season?
- | | | |
|-------|--------|--|
| 17.0% | (468) | ^{u^g} More ducks/Fewer days |
| 14.4% | (395) | ^{u^b 7} More days/Fewer ducks |
| 3.9% | (106) | Other |
| 7.8% | (214) | ^{u^b 6} Don't know |
| 57.0% | (1569) | Don't duck hunt |
8. Where did you hunt in Mississippi during the 1994-95 hunting season?
- | | | |
|-------|--------|--|
| 22.8% | (1032) | Public Land (Forest Service, National Wildlife refuge, State Wildlife Management Area) |
| 41.1% | (1864) | Personal or Private Property |
| 34.6% | (1568) | Private Lands (including clubs and leases) |
| 1.5% | (67) | Other |
9. Did you buy a license to hunt deer and/or turkey in the 1993-94 hunting season?
- | | | |
|-------|--------|-----|
| 92.3% | (2599) | Yes |
| 7.7% | (218) | No |

10. Were you checked by a conservation officer while hunting during the 1994-95 season?

25.5% (719) Yes

74.5% (2099) No

If yes what were you hunting?

12.1% (88) Dove

7.2% (52) Squirrel

68.0% (483) Deer

7.7% (56) Waterfowl

5.0% (36) Other

11. The MDWFP is considering providing wildlife and conservation education classes for 6th and 7th grader. Would you support these efforts?

63.6% (1789) Strongly support

26.7% (750) Support

4.7% (132) Neither Support no oppose

0.6% (16) Oppose

0.3% (9) Strongly oppose

4.1% (116) Don't Know



1994-95 Mississippi Hunter Questionnaire

203299

A. Please fill in the blocks below for each game species you hunted during the 1994-95 hunting season (even if you were unsuccessful). If you hunted more than one kind of game on a particular day, count a day for each type of game you hunted. Report only game taken by you. Your answers will be kept confidential. Please answer the questions in part B, whether you hunted or not.

SPECIES	Total Kill	Total Days Hunted	District Hunted Most
1. Dove			
2. Quail			
3. Woodcock			
4. Rabbit			
5. Squirrel			
6. Raccoon			
	Bucks Does		
7. Deer (archery)			
8. Deer (prim. weap.)			
9. Deer (gun)			
10. Turkey (spring '94)			
11. Turkey (fall '94)			
	Mallard Wood Other		
12. Ducks			
13. Geese			
14. Red Fox			
15. Gray Fox			
16. Bobcat			
17. Coyote			

Determine district HUNTED MOST from map.

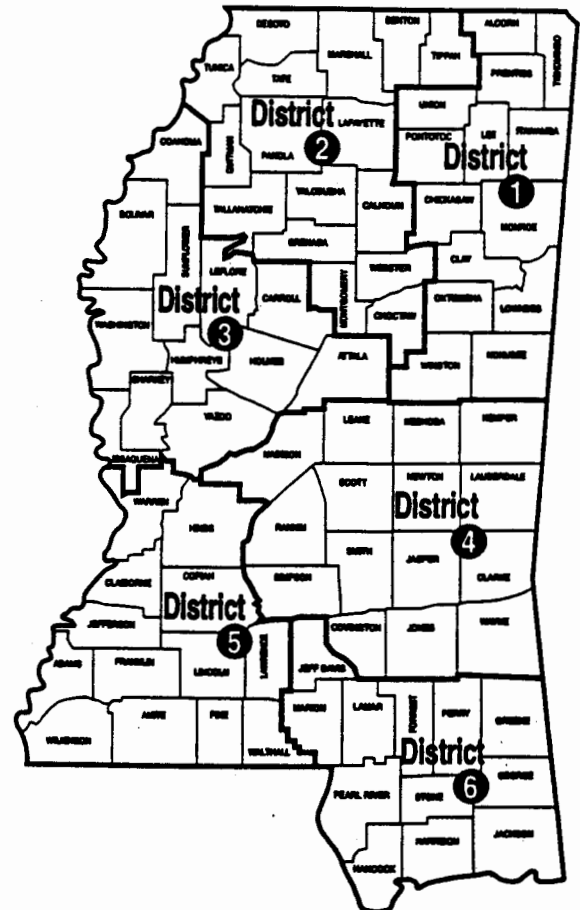


Fig. 1 Questionnaire used for the 1994-95 mail survey of game harvest and hunter effort in Mississippi

B. Please answer the following questions.

1. Do you consider the harvest of antlerless deer necessary in managing the deer in Mississippi?

Yes _____
No _____

2. Do you consider the harvest of antlerless deer necessary in managing the deer where you hunt in Mississippi?

Yes _____
No _____

3. Do you think it should be legal to shoot a deer over a feeder or pile of corn?

Yes _____
No _____

4. Do you think gun season for bucks should open (check one)

_____ The Saturday before Thanksgiving

_____ December 1

_____ December 15

_____ Other _____

_____ Don't Know

5. Do you think archery season should open (check one)

_____ October 1

_____ October 15

_____ Other _____

_____ Don't Know

6. Rank the following methods of deer hunting according to which you enjoy most. (Rank 1 is the highest, 4 is lowest. Do not give two boxes the same number and fill all boxes.)

_____ Archery

_____ Muzzleloader

_____ Gun (with dogs)

_____ Gun (without dogs)

7. Which combination do you prefer for duck season?

_____ More Ducks/Fewer Days

_____ More Days/Fewer Ducks

_____ Other _____

_____ Don't Know

_____ Don't Duck Hunt

8. Where did you hunt in Mississippi during the 1994-94 hunting season? (check all that apply)

_____ Public Land (Forest Service, National Wildlife Refuge, State Wildlife Management Area)

_____ Personal or Private Property

_____ Private Lands (including clubs or leases)

_____ Other _____

9. Did you buy a license to hunt deer and/or turkey in the 1993-94 (last year) hunting season?

_____ Yes

_____ No

10. Were you checked by a conservation officer while hunting during the 1994-95 season?

Yes _____

No _____

If yes, what were you hunting?

Dove _____

Squirrel _____

Deer _____

Waterfowl _____

Other (please specify) _____

11. The MDWFP is considering providing wildlife and conservation education classes for 6th and 7th graders. Would you support these efforts?

Strongly Support _____

Support _____

Neither Support nor Oppose _____

Oppose _____

Strongly Oppose _____

Don't Know _____

12. Your age: _____ Years

COMMENTS: _____



**MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES AND PARKS**

**SAM POLLES, Ph.D.
Executive Director**

Dear Sportsman:

The Department of Wildlife, Fisheries and Parks is conducting a study to obtain reasonable estimates of game harvest, hunter effort and hunter opinions. Information supplied by you and other selected hunters will assist us in managing our game resources for the greatest public benefit.

For meaningful results, information is needed from everyone receiving a questionnaire since only a limited number of sportsmen can be contacted. Please complete the enclosed questionnaire as accurately as possible (even if you did not hunt) and return it in the addressed, stamped envelope.

Your answers will be kept confidential. The questionnaire has an identification number for mailing purposes only. This allows us to check your name off the mailing list when your questionnaire is returned. Your name will never be placed on the questionnaire or used in association with any of the information you provide. A prompt reply will be sincerely appreciated.

Yours for better conservation,

A handwritten signature in cursive script that reads "Sam Polles".

Sam Polles, Ph.D.
Executive Director

Fig. 2 Cover letter mailed with the initial mailing of the 1994-95 survey of game harvest and hunter effort in Mississippi

Survey Section
DEPARTMENT OF WILDLIFE, FISHERIES & PARKS
P.O. Box 451
Jackson, Mississippi 39205



PRESORTED
FIRST CLASS MAIL
U.S. POSTAGE PAID
PERMIT NO. 141

Dear Sportsman:

Recently we mailed you a questionnaire on your hunting experiences. If you have not yet answered the questionnaire, will you please do so today? If you have already returned the questionnaire, disregard this notice and we thank you very much for your cooperation.

Your response is important. It is the only way we have of estimating the harvest, efforts and opinions of hunters for management purposes.

Sincerely,

A handwritten signature in cursive script that reads "Sam Polles".

Sam Polles, Ph.D.
Executive Director

Fig. 3 Post card used as the first reminder mailing to nonrespondents during the 1994-95 survey of game harvest and hunter effort in Mississippi



**MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES AND PARKS**

**SAM POLLES, Ph.D
Executive Director**

Dear Sportsman:

About six weeks ago I wrote to you seeking information about your hunting activities during the past season. As of today we have not received your completed questionnaire.

Our research unit has undertaken this project because of the belief that citizen participation should be taken into account in the formation of efforts which will provide the best hunting opportunities for Mississippi Sportsmen.

I am writing to you again because of the significance each questionnaire has to the usefulness of this project. Your name was drawn through a scientific sampling process. In order for the results of the survey to be as complete as possible it is essential that each person in the sample return his questionnaire. Even if you had little success or if you did not hunt at all, your answers are important to us. Please return the survey in the enclosed addressed, stamped envelope so that your response can be included in the results.

Sincerely for better conservation,


Sam Polles, Ph.D.
Executive Director

Fig. 4 Cover letter mailed with the second (and final) reminder mailing to non-respondents during the 1994-95 survey of game harvest and hunter effort in Mississippi

