

LOUISIANA BIG AND SMALL GAME HARVEST SURVEY FOR 2021-2022

Prepared by

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June 2022

Big and small game harvest indices for the 2021-22 hunting season were obtained through an online survey based on responses from purchasers of basic resident hunting licenses or any other resident license that included the basic resident hunting privileges for 2021-22. An email was sent to randomly selected hunters with up to two follow-up emails at one-week intervals for non-respondents. Since the 2012-13 season, senior license holders (those 60 and older that now are required to have a license) have been included in the survey. This was done because senior license holders make up a significant proportion of the total license holders (26.7% for the 2021-22 hunting season). The 2021-22 Game Harvest Survey (Appendix 1) was emailed to 12,734 (6% sample) residents with a valid email address. The email had a link to the online survey, only one response per computer IP address was allowed. Only responses from respondents that hunted during the 2021-22 hunting season were included in the report. The survey questionnaires were completed and returned by 3,006 individuals (23.6% return rate) before the cutoff date of 31 May. The estimated harvest and hunter efforts for the 2021-22 hunting seasons (Tables 1 and 8) utilized 2,383 responses. The procedures used to calculate the 2021-22 estimates were the same as those used for the 2020-21 harvest estimates. The 2021-22 harvest estimates were extrapolated based on the current year's license sales (including all lifetime license holders) of 274,906 (includes senior license holders and senior lifetime license holders that consider themselves to be hunters). When including all senior license holders and all senior lifetime license holders the number of licenses for the 2021-22 hunting season was 341,733. However, senior license holders, whether they hunt, fish, or hunt and fish receive the same license. Some of those license holders do not hunt. Therefore, the number of senior license holders was reduced to reflect an estimate of the percentage of senior hunters which did not hunt during the 2021-22 hunting season (50.0%). Hunter numbers reflect those that hunted a species even if they did not bag. No attempt was made to adjust the statistics to compensate for the lack of inclusion of hunters under 16 years old who are not required to purchase a basic license. Values presented are *indices* and are not necessarily the actual number of hunters and harvests.

WHITE-TAILED DEER

Deer hunters (208,200) spent about 5.1 million days afield during the 2021-22 deer hunting seasons and harvested 233,400 deer (Table 1). The total number of deer hunters (21.2% increase), number of deer hunters using modern firearms (19.3% increase), still hunting (19.2% increase), and using primitive firearms (20.7% increase) all increased significantly over last year's estimates, while the number of hunters using bow and arrow decreased significantly (-24.1%). The total number of days spent deer hunting (12.5% increase), days spent hunting with modern firearms (15.6% increase), days spent still hunting (15.9% increase), and days spent hunting with crossbows (41.7% increase) all increased significantly over last year's values. The total deer harvest (21.7% increase), harvest by modern firearms (23.6% increase), and harvest by still hunting (23.7% increase) all increased significantly over last year's estimates. Beginning with the 2012-13 hunting season, senior license holders were included in the survey which resulted in an increased number of hunters. There was a significant decline ($P = 0.0047$) in the number of deer hunters from the 2012-13 hunting season to the current hunting season (Figure 1), but the deer harvest during the same period has not changed significantly ($P = 0.2669$) (Figure 2). There was also a significant decline in the number of deer hunters prior to including senior hunters in the analyses (1990 – 2011; $P < 0.0001$; Figure 3). Additionally, the total number of license holders from the 2012-13

hunting season to the current hunting season has declined significantly ($P = 0.0048$) (Figure 4). Many deer hunters used 2 or 3 types of weapons. The number of hunters using modern firearms to take deer during the 2021-22 hunting season was 199,300 (Table 1) and their harvest was 185,700. They reported kills ranging from 0 to 20 (Table 2) and averaged hunting 19.3 days with modern firearms (Table 3). Still hunting (without dogs) accounted for about 98% of the modern firearm harvest and 97% of the modern firearm days. Deer hunting and harvest characteristics for persons hunting with and without dogs are also provided (Table 2 and 3). About 4.2% of the modern firearm deer hunters used dogs at least once.

Deer hunters using bows and arrows (35,300, down significantly from last year's estimate of 46,500) averaged 13.8 days afield per person (Table 3). They reported from 0 to 20 deer killed (Table 2). The number of deer taken with bows and arrows was 12,500. Persons with bow licenses could use bows that used a mechanical means to hold and release the arrow (crossbows) for the first time in 2008-09. An estimated 33,100 persons took advantage of this opportunity during the 2021-22 hunting season. Persons hunting with crossbows averaged 9.2 days afield (Table 3) and their reported harvest ranged from 0 to 4 deer (Table 2).

Primitive firearm hunters numbered 100,200, up significantly from last year's estimate of 83,000 primitive firearm hunters. They averaged 5.2 primitive firearm hunts per hunter (Table 3) and reported taking 0 to 14 deer with primitive firearms (Table 2) for a total deer harvest of 27,800 (Table 2).

State-wide, antlered deer comprised a greater percentage (52%) of the deer harvest than did non-antlered deer (45%) or button-bucks (3%) (Table 4).

This is the 16th year that an estimate for hog hunting has been produced. During the 2021-22 hunting season, it is estimated that 81,400 hunters (up significantly from last year's estimate of 65,900 hunters) took 498,100 hogs while expending 1,067,600 efforts (Table 1, 5).

TURKEY

The number of turkey hunters increased 23.5% compared to the 2021 spring turkey hunting season, with 24,200 turkey hunters (Table 5). The number of recreational days spent turkey hunting increased significantly over last year's estimate (143,500 vs 123,100). In 2022, turkey hunters spent an average of 5.9 days hunting (Table 6). Hunters reported bagging from 0 to 2 turkeys (Table 7). The statewide harvest of gobblers was 9,100 in 2022 and 5,500 in 2021, an increase of 65.5%.

SMALL GAME

The number of small game hunters (93,800) was up significantly over last year's estimate (77,500). There was a significant decline ($P = 0.0004$) in the number of small game hunters from the 2012-13 hunting season to the present hunting season (Figure 5) as well as a significant decline ($P = 0.0068$) in small game hunters prior to including seniors hunters in the analyses (2001 – 2011; Figure 6).

Small game hunters took about 1,072,100 trips in pursuit of small game during the 2021-22 hunting

season for an average of 11.4 hunts per person. The number of hunters and harvest varied greatly among species (Tables 8 and 9). Nevertheless, 50-70 percent of the hunters for a particular species usually accounts for less than 20 percent of the harvest (Tables 10 and 11). In addition, large proportions of hunters go afield 5 days or fewer per season for a given species (Tables 12 and 13). The highest mean seasonal kill per hunter was recorded for coots (33.0 per hunter). Duck (24.0 per hunter) and Pen-reared quail (23.7 per hunter) had the 2nd and 3rd, respectively, highest seasonal bags and the lowest was for rails (1.2 per hunter), followed by wild quail (2.3 per hunter) (Tables 10 and 11). Pen-reared quail, white-winged dove, and Eurasian collared dove hunters accounted for the lowest number of hunts per hunter (2.7, 3.0, 3.2, respectively), while raccoon hunters went hunting the most (36.2 per hunter), followed by coot hunters (14.4 per hunter) and duck hunters (10.9 per hunter) (Tables 12 and 13).

Resident Small Game

Squirrels remained the most popular small game animals in Louisiana with 772,500 harvested by 52,400 hunters (Tables 8 and 9). Rabbits also continued to be the second most sought after resident small game animal. Rabbit hunters (16,400) bagged 100,000 rabbits. Persons hunting wild quail numbered 1,000 and they harvested 1,800 birds.

Pen-raised quail seasonal harvest was estimated this year for the 17th season because the *quail* (unspecified but assumed wild) estimate appeared relatively high for several years prior to the 2005-06 survey compared to the expected harvest. This could have been due to the inclusion of pen-raised birds in the harvest value. Several responses were excluded from those recent surveys before the addition of the pen-raised category because the respondents indicated that the quail were pen-raised. The number of persons hunting pen-raised quail and their harvest far exceeded those hunting wild quail, particularly the harvest. The results suggest that pen-raised quail had been included at least in estimates immediately prior to changing the format in 2005. The pen-raised harvest was estimated at 52,000 while the wild quail harvest was 1,800.

For the seventh year we asked hunters if they harvested coyotes and if so how many they harvested. It was estimated that 16,200 hunters harvested 43,500 coyotes during the 2021-22 hunting season (Table 8). Bobcat harvest was estimated to be 5,900, which was similar to last year's estimate of 5,200 bobcats harvested.

Migratory Game Birds

Webless

Doves continued to be the most sought after webless migratory game bird. During the 2021-22 hunting season, 22,800 hunters harvested 429,600 mourning doves during 76,400 days of dove hunting. The snipe harvest was 26,500 while snipe hunters numbered 2,300. Snipe hunters spent 9,200 days afield in 2021-22 (Tables 8 and 9). For the third year we asked questions concerning gallinule hunting. There were an estimated 1,300 gallinule hunters that harvested 18,800 gallinules during 9,100 days of hunting. The harvest index for woodcock was 20,000 and the number of woodcock hunters was 3,000. Woodcock hunters made 18,700 hunts (Tables 8 and 9). There were an estimated 230 rail hunters in 2020-21, and their harvest estimate was 1,600 (Tables 8 and

9).

Although Eurasian collared-doves are frequently associated with urban/suburban settings, this species also is increasing in rural settings. This year the harvest of this non-native dove was estimated to be 5,900 (Tables 8 and 9). White-winged doves were able to be taken during the dove season for the 16th year during the 2021-22 season. During the 2021-22 season 20,500 white-winged doves were estimated to be harvested (Tables 8 and 9).

Waterfowl

There were an estimated 69,800 duck hunters for the 2021-22 hunting season. Duck hunter number estimates were up significantly over last year's estimate of 53,800. They harvested 1,866,300 ducks, an increase of 32.5% over last year's estimate (Table 8, 9). Goose hunters numbered 14,300, up significantly from last year's estimate of 9,400. The goose harvest was estimated to be 145,700 (Tables 9 and 10). These values include participation and geese taken during the Special Goose Season (Conservation Order). Coot, while not technically waterfowl, are usually taken by persons hunting ducks. About 3,500 hunters bagged approximately 102,900 coots (Tables 8 and 9).

SPECIAL QUESTIONS

Age

Hunters were asked their age. Of the 2,055 respondents to this question, ages ranged from 20 to 82 years of age. The average age was 54.3 years (up 4.4 years from last year's average of 49.9), the median age was 54 years and the mode was 55 years of age.

Deer tags

Survey respondents were asked if they obtained deer tags for the 2021-22 hunting season, if they hunted in Louisiana during the 2021-22 hunting season, and if they hunted deer in Louisiana during the 2021-22 hunting season. Nine percent (9.3%; 213 of 2289 respondents) of survey respondents indicating that they did not hunt in Louisiana during the 2021-22 hunting season obtained deer tags. This is lower than last year's reported value of 29.1%. Six percent (6.3%; 129 of 2065 respondents) of hunters that did not hunt deer in Louisiana during the 2021-22 hunting season obtained deer tags. This is lower than last year's value of 26.1%. Most individuals (94.0%) hunting deer during the 2021-22 hunting season in Louisiana indicated that they obtained deer tags.

Deer Areas

We asked hunters on which of the Deer Areas (DA) they hunted deer during the 2021-22 hunting season, how many days they hunted within each DA and how many deer they harvested on each

of the DAs. DA 2 had the most hunter days reported with 16,405 and DA 7 had the fewest with 464. DA 2 also had the highest harvest reporting rate with 948 harvested deer reported and DA 10 had the least with 16 harvested deer reported (Table 14).

Turkey Tags

Survey respondents were asked if they obtained turkey tags for 2022 turkey season and if they hunted turkey in Louisiana during the 2022 turkey season. Seventy percent (70.0%; 499 of 711) of hunters that received turkey tags did not hunt turkeys.

HIP

Hunters were asked if they obtained a HIP (Harvest Information Program) certification for the 2021-2022 migratory bird season. Most individuals (n = 601; 87%) hunting ducks indicated that they obtained a HIP certification for the 2021-22 migratory bird season. Likewise, most goose hunters (n = 122; 88%) indicated that they obtained a HIP certification for the 2021-22 hunting season. Most individuals hunting mourning doves (n = 196; 88%), woodcock (n = 26; 81%), snipe (n = 20; 85%), rail (n = 2; 100%), and gallinule (n = 11; 100%) indicated that they obtained a HIP certification for the 2021-22 hunting season.

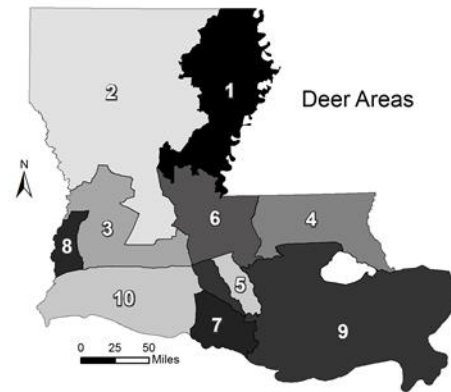


Table 1. Hunting statistics for the 2021-22 deer hunting seasons based on 274,906 licensed hunters. Values include senior license holders.

Species	Hunters	Bag Harvest	Man Days
Deer (All Methods)	208,200 ± 4,700 ^a	233,400 ± 15,200	5,072,400 ± 229,500
Deer (Modern Firearms)	199,300 ± 4,900	185,700 ± 12,000	3,774,300 ± 176,000
Deer (MF Still Hunting)	199,000 ± 4,900	182,500 ± 11,900	3,662,300 ± 172,500
Deer (MF With Dogs)	8,400 ± 1,900	3,100 ± 1,000	111,900 ± 31,200
Deer (Bow and Arrow)	35,300 ± 3,700	12,500 ± 3,300	479,300 ± 72,300
Deer (Crossbow)	33,100 ± 3,600	7,400 ± 2,500	300,500 ± 47,700
Deer (Primitive Firearms)	100,200 ± 4,400	27,800 ± 4,900	518,300 ± 42,400
Turkey (Excludes Youth)	24,200 ± 3,100	9,100 ± 2,400	143,500 ± 24,200
Hogs	81,400 ± 5,000	498,100 ± 83,800	1,067,600 ± 118,600

^a Confidence intervals are calculated at $P = 0.05$

Table 2. Reported proportion of hunter kill for deer hunters by weapon type.

Kill Per Person	^a % Modern Firearms Hunters*	% Still Hunters	% Dog Hunters	% Primitive Firearm Hunters	% Archery Hunters	% Crossbow Hunters
0	42	42	76	74	70	81
1	30	30	19	21	19	12
2	17	17	0	4	6	4
3	7	7	1	1	23	2
4	2	2	1	0	1	1
5	1	1	1	< 1	< 1	0
6	< 1	< 1	1	< 1	0	0
7+	1	< 1	0	< 1	< 1	0
^bMean	1.1	1.0	0.44	0.36	0.54	0.30

^aPercentages may not equal 100% due to rounding.

^bMean kill per hunter.

*Modern firearm hunters consist of still and dog hunters.

Table 3. Reported proportion of deer hunter efforts by days and weapon type.

Days Hunted Per Person	^a % Modern Firearms Hunters*	% Still Hunters	% Dog Hunters	% Primitive Firearm Hunters	% Archery Hunters	% Crossbow Hunters
1-5	16	16	26	72	31	48
6-10	21	22	19	21	29	26
11-15	15	16	21	5	10	9
16-20	15	15	17	1	9	8
21-25	10	10	6	< 1	10	3
26-30	11	11	8	< 1	4	3
31-35	3	2	0	0	2	1
36-40	3	3	3	< 1	3	1
41-45	2	2	0	0	1	< 1
46-50	1	1	0	< 1	1	0
50+	4	3	0	0	2	< 1
^bMean	19.3	18.7	13.6	5.2	13.8	9.2

^aPercentages may not equal 100% due to rounding.

^bMean days hunted per hunter.

*Modern firearm hunters consist of still and dog hunters.

Table 4. Percent state-wide deer harvest for antlered, non-antlered, and button bucks by weapon type for 274,906 survey respondents, 2021-22 hunting season.

Weapon Type	Antlered Deer	Button Bucks	Non-Antlered
Still hunt	54.0%	3.8%	42.2%
Dog hunt	44.8%	3.5%	51.7%
Bow and Arrow	47.1%	3.2%	49.7%
Crossbow	54.4%	1.1%	44.6%
Primitive	47.1%	1.6%	51.3%
Total^a	51.7%	3.1%	45.2%

^aTotal consists of the average percent harvest for all weapon types combined.

Table 5. A comparison of hunting statistics for the 2021-22 and 2020-21 deer hunting seasons and the 2022 and 2021 spring turkey hunting seasons and wild hog.

	Hunters		% Change	Harvest		% Change	Days		% Change
	2021-22	2020-21	For Hunters	2021-22	2020-21	For Harvest	2021-22	2020-21	For Days
Deer (All Methods)	208,200	171,800	21.2 ^a	233,400	191,800	21.7 ^a	5,072,400	4,509,100	12.5 ^a
Deer (Modern Firearms)	199,300	167,100	19.3 ^a	185,700	150,300	23.6 ^a	3,774,300	3,264,100	15.6 ^a
Deer (MF Still Hunt)	199,900	166,900	19.2 ^a	182,500	147,500	23.7 ^a	3,662,300	3,159,100	15.9 ^a
Deer (MF Dog Hunt)	8,400	8,200	2.4	3,100	2,800	10.7	111,900	105,000	6.6
Deer (Bow and Arrow)	35,300	46,500	-24.1 ^a	12,500	13,100	-4.6	479,300	565,900	-15.3
Deer (Crossbow)	33,100	26,900	23.0	7,400	6,900	7.2	300,500	212,100	41.7 ^a
Deer (Primitive Firearms)	100,200	83,000	20.7 ^a	27,800	21,700	28.1	518,300	468,200	10.7
Turkey (Excludes Youth)	24,200	19,600	23.5	9,100	5,500	65.5	143,500	123,100	16.6 ^a
Hogs	81,400	65,900	23.5 ^a	498,100	625,400	-20.4	1,067,600	926,200	15.3

^a P value for difference is ≤ 0.05 based on non-overlap of confidence intervals.

Table 6. Reported proportion of turkey hunter efforts.

Days Hunted Per Person	% Turkey Hunters
1-5	59
6-10	29
11-15	8
16-20	2
21-25	2
26+	0

Table 7. Reported proportion of hunter kill for turkey hunters.

Kill Per Person	% Turkey Hunters
0	66
1	24
2	10

Table 8. Hunting statistics for the 2021-22 Small Game and Migratory Bird Hunting Seasons based on 274,906 licensed hunters.

Species	Hunters	Harvest	Days
Resident Game			
Squirrel	52,400 ± 4,300 ^a	772,500 ± 119,500	325,200 ± 44,600
Rabbit	16,400 ± 2,600	100,000 ± 43,500	85,600 ± 23,700
Wild Quail	1,000 ± 680	1,800 ± 1,700	4,500 ± 4,400
Pen-raised Quail	2,300 ± 1,000	52,000 ± 32,300	6,000 ± 5,000
Raccoon	3,000 ± 1,100	27,800 ± 16,600	62,300 ± 44,700
Coyote	16,200 ± 2,600	43,500 ± 11,300	
Bobcat	6,700 ± 1,700	5,900 ± 1,600	
Migratory Game			
Mourning Dove	22,800 ± 3,000	429,600 ± 93,700	76,400 ± 13,700
Eurasian Collared-Dove	2,500 ± 1,100	5,900 ± 4,300	
White-winged Dove	4,000 ± 1,300	20,500 ± 10,800	
Woodcock	3,000 ± 1,100	20,000 ± 13,400	18,700 ± 0,300
Snipe	2,300 ± 1,000	26,500 ± 20,000	9,200 ± 5,500
Gallinule	1,300 ± 570	18,800 ± 19,500	9,100 ± 7,200
Duck	69,800 ± 4,800	1,866,300 ± 267,300	808,200 ± 88,400
Goose	14,300 ± 2,500	145,700 ± 62,500	151,100 ± 39,400
Coot	3,500 ± 1,200	102,900 ± 69,800	50,000 ± 29,900
Rails	230 ± 320	1,600 ± 2,300	900 ± 1,300

^a Confidence intervals are calculated at $P=0.05$.

Table 9. A comparison of small game hunting statistics by species for the 2021-22 and 2020-21 hunting seasons.

	Hunters		% Change	Harvest		% Change	Days		% Change
	2021-2022	2020-2021	For Hunters	2021-22	2020-2021	For Harvest	2021-22	2020-2021	For Days
Resident Game									
Squirrel	52,400	53,700	-2.4	772,500	737,400	4.8	325,200	328,600	-1.0
Rabbit	16,400	14,800	10.8	100,000	86,800	15.2	85,600	70,000	22.3
Wild quail	1,000	900	11.1	1,800	3,400	-47.1	4,500	5,200	-13.5
Pen-raised quail	2,300	1,500	53.3	52,000	41,600	25.0	6,000	4,100	46.3
Raccoon	3,000	4,000	-25.0	27,800	30,500	-8.9	62,300	30,000	107.7
Coyote	16,200	13,600	19.1	43,500	35,200	23.6			
Bobcat	6,700	5,200	28.8	5,900	5,200	13.5			
Migratory Game									
Mourning dove	22,800	23,000	-0.9	429,600	417,600	2.9	76,400	87,300	-12.5
E. collared-dove	2,500	3,100	-19.4	5,900	20,600	-71.4			
W.-winged dove	4,000	4,600	-13.0	20,500	23,900	-14.2			
Woodcock	3,000	3,100	-3.2	20,000	15,500	29.0	18,700	19,100	-2.1
Snipe	2,300	2,600	-11.5	26,500	29,000	-8.6	9,200	10,500	-12.4
Gallinule	1,300	1,800	-27.8	18,800	21,300	-11.7	19,000	9,100	-52.1
Duck	69,800	53,800	29.7 ^a	1,866,300	1,408,600	32.5	808,200	641,700	25.9 ^a
Goose	14,300	9,400	52.1 ^a	145,700	64,800	124.8	151,100	84,400	79.0 ^a
Coot	3,500	4,800	-27.1	102,900	140,800	-26.9	50,000	39,200	27.6
Rail	230	690	-66.7	1,600	8,800	-81.1	900	11,100	-91.7

^a P value for difference is ≤ 0.05 based on non-overlap of confidence intervals.

Table 10. Reported proportion of hunter kill for resident small game and wild hog, 2021-22 hunting season.

Kill Per Person	% Squirrel ^a Hunters	% Rabbit Hunters	% Wild Quail Hunters	% Raccoon Hunters	% Wild Hog Hunters
0	7	24	14	20	13
1-5	28	49	86	36	63
6-10	23	13	0	4	11
11-15	11	6	0	16	5
16-20	10	1	0	8	2
21-25	5	4	0	4	1
26-30	5	1	0	8	1
31-35	2	0	0	0	1
36-40	3	0	0	4	1
41-45	1	0	0	0	0
46-50	1	1	0	0	1
51+	5	1	0	0	2
^b Mean	15.1	6.3	2.3	9.6	6.3

^aPercentages may not equal 100% due to rounding.

^bMean kill per hunter.

Table 11. Reported proportion of hunter kill for migratory small game, 2021-22 hunting season.

Kill Per Person	% Mourning ^a Dove Hunters	% Woodcock Hunters	% Snipe Hunters	% Gallinule Hunters	% Duck Hunters	% Goose Hunters	% Coot Hunters	% Rail Hunters
0	6	27	5	0	8	19	15	0
1-5	14	38	45	40	22	47	22	100
6-10	25	12	20	10	17	12	11	0
11-15	14	8	5	30	11	3	11	0
16-20	13	8	5	10	10	4	4	0
21-25	5	4	10	0	5	4	0	0
26-30	10	0	5	0	4	4	7	0
31-35	0	0	0	0	2	0	0	0
36-40	3	0	0	0	3	3	0	0
41-45	2	4	0	0	1	0	4	0
46-50	5	0	0	0	3	0	4	0
51+	4	0	5	10	15	4	15	0
^b Mean	19.4	6.7	11.5	16.3	24.0	10.7	33.0	1.2

^aPercentages may not equal 100% due to rounding.

^bMean kill per hunter.

Table 12. Reported proportion of hunter efforts by days for resident small game and wild hog, 2021-22 hunting season.

Days Hunted per Person	% Squirrel ^a Hunters	% Rabbit Hunters	% Wild Quail Hunters	% Raccoon Hunters	% Wild Hog Hunters
1-5	68	74	78	40	48
6-10	17	19	11	16	16
11-15	8	2	11	8	7
16-20	5	1	0	4	7
21-25	1	1	0	0	7
26-30	1	1	0	8	5
31-35	< 1	1	0	4	2
36-40	0	2	0	0	2
41-45	0	0	0	0	1
46-50	< 1	0	0	4	2
51+	< 1	0	0	16	3
^bMean	6.3	5.3	4.3	22.5	13.2

^aPercentages may not equal 100% due to rounding.

^bMean days hunted per hunter.

Table 13. Reported proportion of hunter efforts by days for migratory small game, 2021-22 hunting season.

Days Hunted per Person	% Mourning ^a Dove Hunters	% Woodcock Hunters	% Snipe Hunters	% Duck Hunters	% Goose Hunters	% Coot Hunters	% Rail Hunters
1-5	86	54	80	42	48	40	100
6-10	12	31	15	25	20	23	0
11-15	2	12	5	10	10	7	0
16-20	1	0	0	9	10	17	0
21-25	0	0	0	3	2	0	0
26-30	0	4	0	5	5	3	0
31-35	0	0	0	1	1	0	0
36-40	0	0	0	2	2	0	0
41-45	0	0	0	1	2	0	0
46-50	0	0	0	1	0	3	0
51+	0	0	0	2	1	7	0
Mean	3.4	6.2	4.0	10.9	10.7	14.4	4.0

^aPercentages may not equal 100% due to rounding.

^bMean days hunted per hunter.

Table 14. Total days hunted and total deer harvest by Deer Area (DA) for 1,814 survey respondents, 2021-22 hunting season.

DA	Total Days Hunted	Total Harvest
1	4480	266
2	16405	948
3	2421	139
4	3562	140
5	577	17
6	5151	229
7	464	24
8	466	24
9	2660	78
10	497	16
Totals	36683	1882

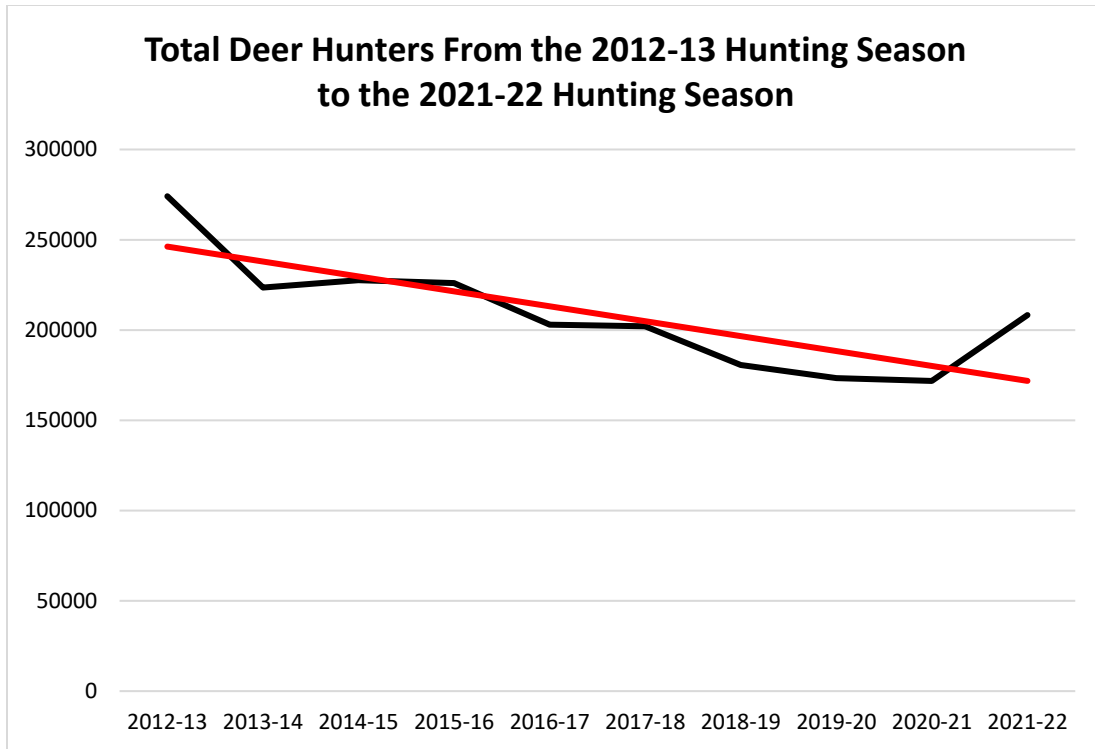


Figure 1. Regression of total number of deer hunters from the 2012-13 hunting season to the 2021-22 hunting season.

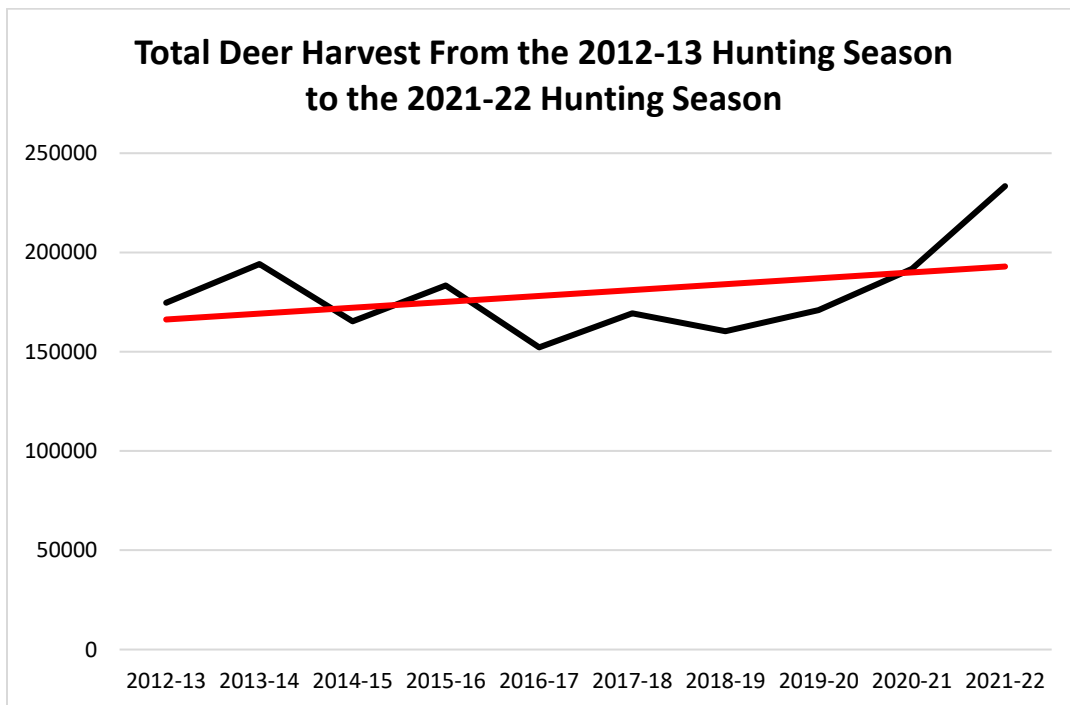


Figure 2 Regression of total deer harvest from the 2012-13 hunting season to the 2021-22 hunting season.

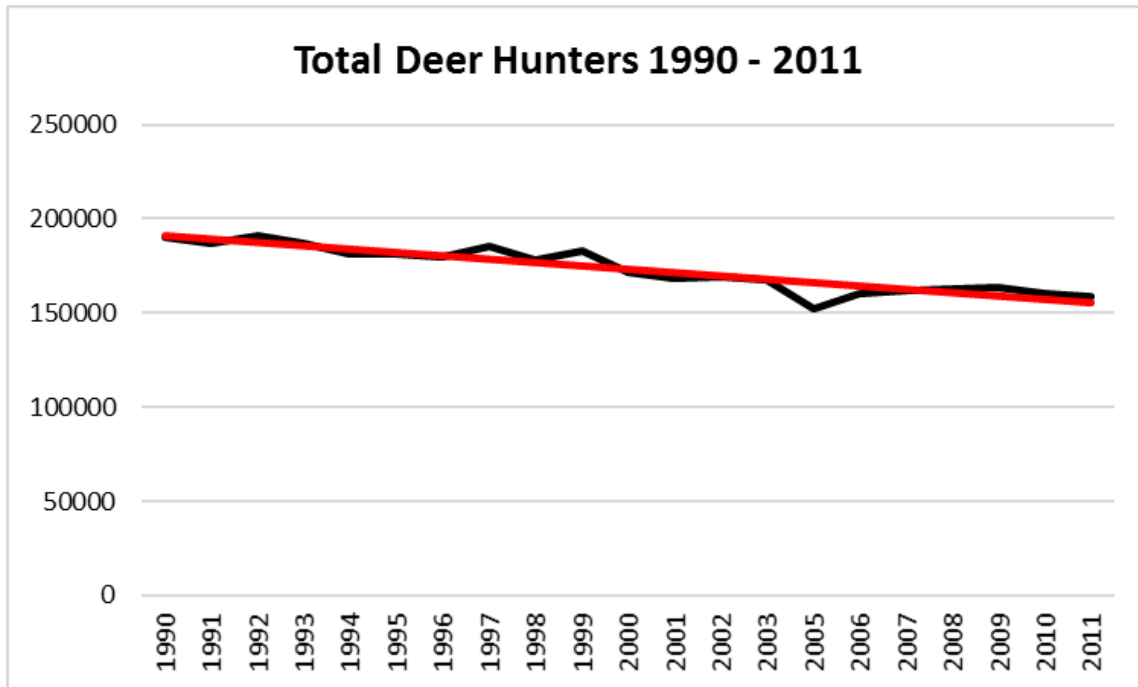


Figure 3. Regression of total number of deer hunters from the 1990-91 hunting season to the 2011-12 hunting season.

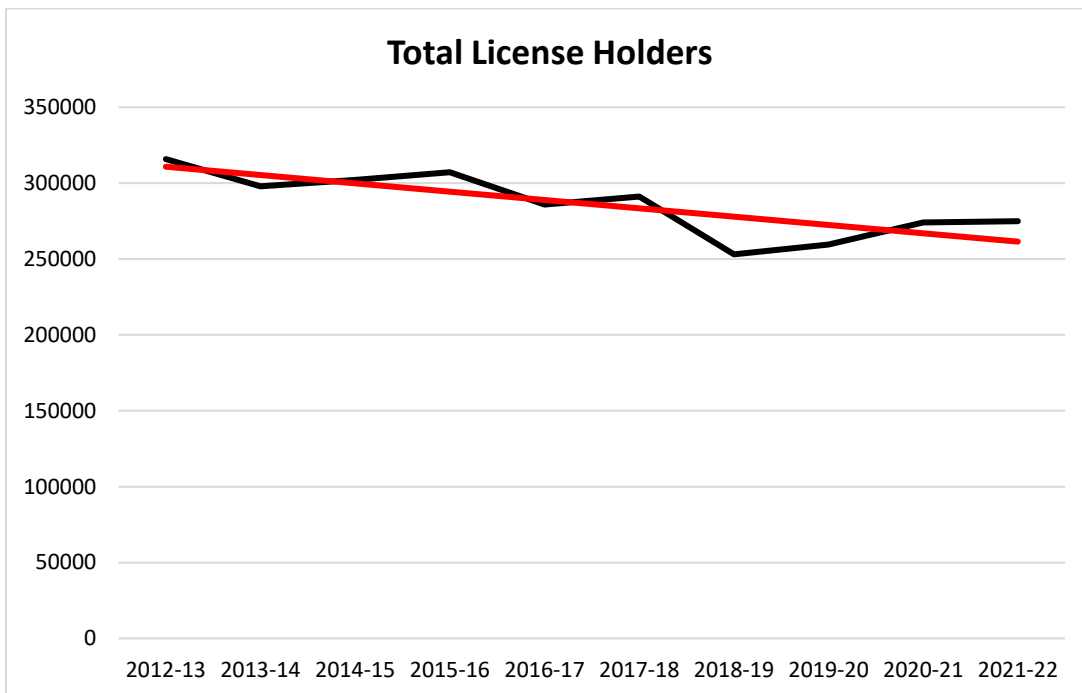


Figure 4. Regression of total number of license holders from the 2012-13 hunting season to the 2021-22 hunting season.

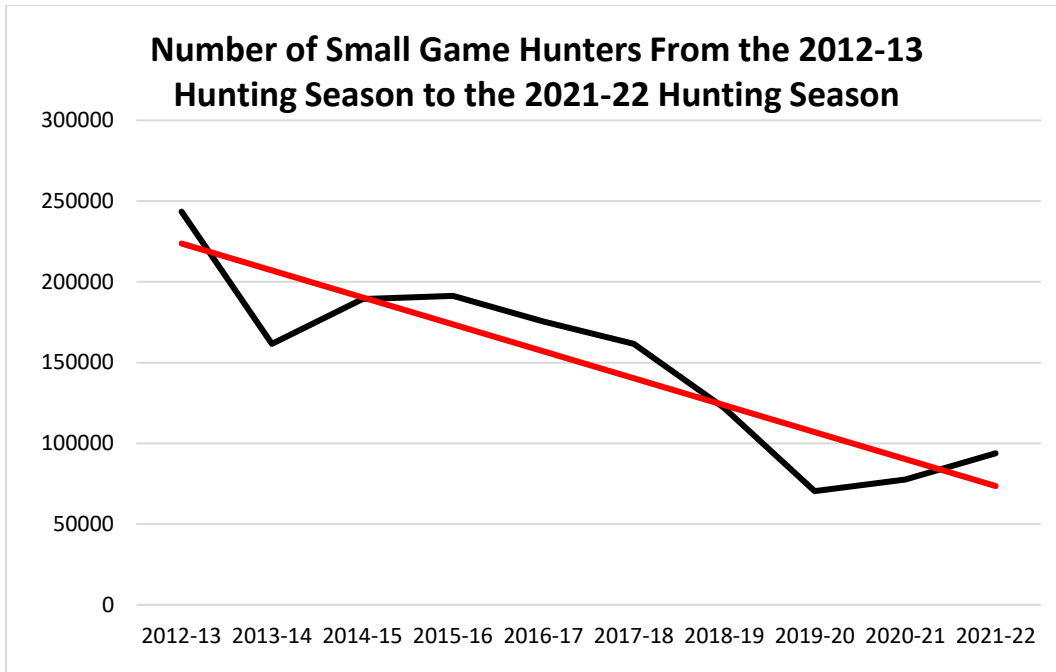


Figure 5. Regression of number of small game hunters from the 2012-13 hunting season to the 2021-22 hunting season.

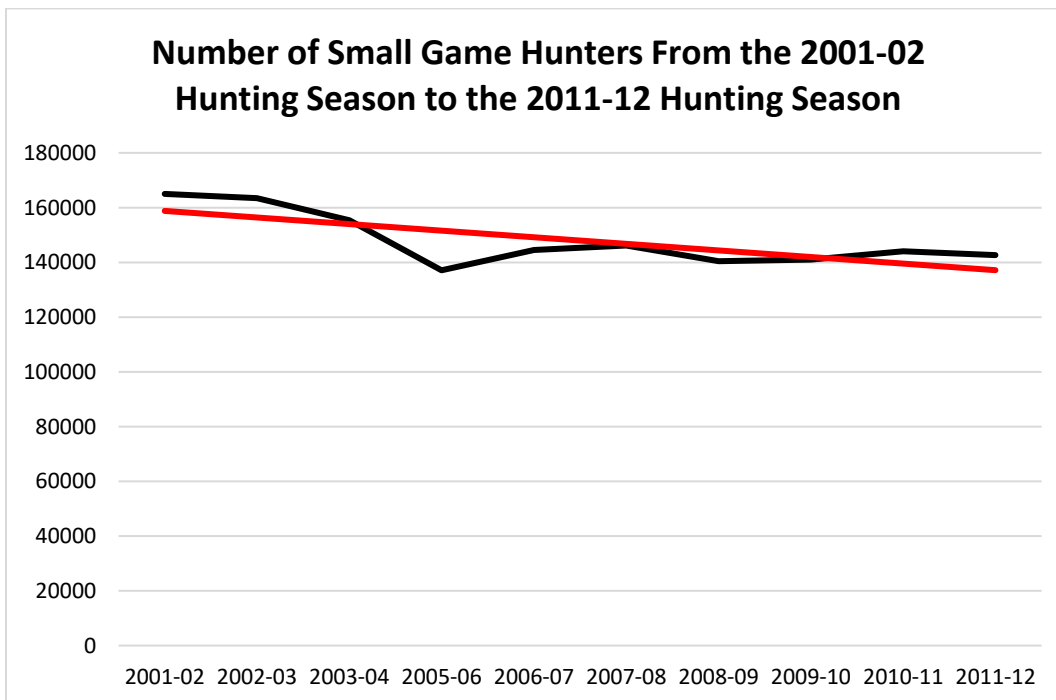


Figure 6. Regression of number of small game hunters from the 2001-02 hunting season to the 2011-12 hunting season.

Appendix 1. Hunter harvest survey.

2021-2022 LOUISIANA GAME HARVEST SURVEY - Online

Did you obtain **deer tags** for the 2021-22 deer season? Yes No

Did you obtain **turkey tags** for the 2021-22 deer season? Yes No

Did you hunt in Louisiana during the 2021-22 season? Yes No

Did you hunt white-tailed deer in Louisiana during the 2021-2022 season? Yes No

Do you feel the deer season in Louisiana is too long? Yes No

Please list the number of days you hunted **deer** in Louisiana and your respective harvest by weapon during the 2021-22 deer season:

Modern firearm

- a. Still Hunt Days_____ Deer harvested_____
- b. Hunt with dogs Days_____ Deer harvested _____
- c. **Primitive firearm** Days_____ Deer harvested _____
- d. **Bow and Arrow** Days_____ Deer harvested _____
- e. **Crossbow** Days_____ Deer harvested _____

Total Deer Hunting Days_____ **Total** Deer harvested _____

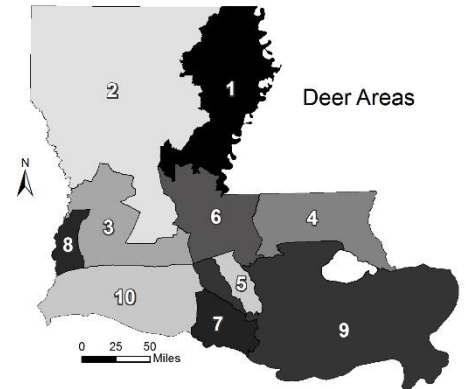
Please list sex of deer harvested.

	Antlered Buck	Button Buck	Doe
Deer 1.	_____	_____	_____
Deer 2.	_____	_____	_____
Deer 3.	_____	_____	_____
Deer 4.	_____	_____	_____
Deer 5.	_____	_____	_____
Deer 6.	_____	_____	_____

For each of the Deer Areas (DA) that you hunted deer in during the 2020-21 deer season, record the total number of days you hunted deer by DA, regardless of type of weapon used, and total deer harvested within each DA. If you hunted in a DA but did not harvest a deer, record total deer harvested as 0 for that DA.

Using the map to determine which Deer Areas (DA) you hunted in, write the total number of days you hunted in each DA and total deer harvested in each DA.

Deer Area	Total Days Hunted	Total Deer Harvested
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		



If restrictions are necessary to reduce the harvest of female deer, which option do you prefer?

- a) Establish doe days in the deer area where the reduction is needed. This would mean restricting the take of antlerless deer to specific dates.
- b) Reduce the season limit in the deer area where the reduction is needed. This would allow the take of antlerless deer throughout the season, but at a reduced limit.

Did you harvest a **bobcat** during the 2021 calendar year?

- Yes No

B. If you harvested a **bobcat**, in what parish was the bobcat harvested? _____

Did you hunt or opportunistically shoot feral **hogs** during the 2021-22 hunting season?

- Yes No

If yes, how many times did you hunt or opportunistically shoot **hogs**, and how many hogs did you harvest during?

#Days _____ Hogs harvested _____

Did you hunt wild **turkey this spring (2022)** in Louisiana?

- Yes No

If yes, how many days did you hunt turkeys in Louisiana?

Days hunted _____

How many **turkeys** did you harvest this spring?

Turkeys harvested _____

Did you harvest **coyotes** during the 2021 calendar year?

- Yes No

B. If yes, how many coyotes did you harvest? _____

Did you obtain a HIP (Harvest Information Program) certification for the 2021-2022 migratory bird season?

Yes No

Did you hunt light geese during the 2021-22 Conservation Order (special goose season when electronic calls can be used)? The special light goose season dates were December 06-17 and January 31-March 06 for the East Zone and December 06-17, January 03-09, and February 07-March 06 for the West Zone.

Yes No

. How many days did you hunt light geese during the special goose season in December?

How many days did you hunt light geese during the special goose season in February and March?

In what parish did you hunt light geese most often during the special goose season?

How many light geese did you personally shoot and retrieve during this special season?

How many light geese did you personally shoot, but were UNABLE to retrieve?

Did you hunt small game mammals OR birds (including waterfowl) in Louisiana during the 2021-2022 hunting season?

Yes No

If you hunted **small game animals and birds** in Louisiana, list the total number of days hunted and the total

number harvested for each of the following during the 2020-21 hunting season:

Squirrels- harvested _____	Days Hunted _____ harvested _____	Woodcock- Days Hunted _____
Rabbits- harvested _____	Days Hunted _____ harvested _____	Ducks- Days Hunted _____
Raccoons - _____ harvested _____	Days Hunted _____ harvested _____	Geese- Days Hunted _____
Wild Quail- harvested _____	Days Hunted _____ harvested _____	Coots- Days Hunted _____
Pen-Reared Quail- Days Hunted _____ harvested _____	Days Hunted _____ harvested _____	Snipe- Days Hunted _____
Mourning Doves- Days Hunted _____ harvested _____	Days Hunted _____ harvested _____	Rails- Days Hunted _____

White-Winged Doves - Days Hunted _____harvested _____ **Gallinules-** Days Hunted _____harvested _____

Collared- Days Hunted _____harvested _____

How many total days did you hunt **small game animals and birds** during the 2021-22 hunting season?

Note:

If you hunted more than one species in a day (such as ducks & geese or squirrels & rabbits) count it as only one day of hunting. **Total Days** __

What is your age?

What is the zip code of your residence?

Please write any comments or questions you have about this survey or hunting in Louisiana in the space below: