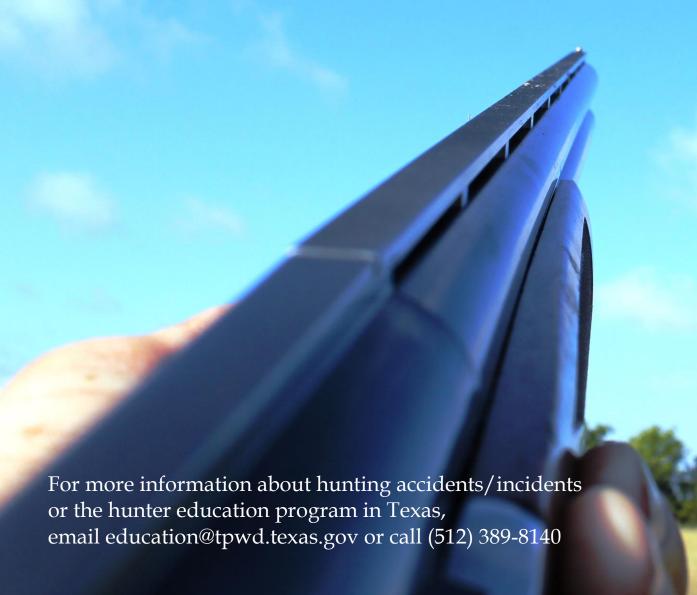
# **TEXAS HUNTING INCIDENT ANALYSIS**



**2017**Federal Aid Project
W-104-S



## **TEXAS HUNTING INCIDENT DATA (1966-2017)**

# \* Voluntary \* Hunter Education Program 1972-1987

Calendar Year	Fatalit ies	Non-Fatal	Accidents	Hunting Licenses Sold	Accidents/ 100,000 Licenses	Fatalities/ 100,000 Licenses	Students Certified
1966	28	53	81	644,653	12.6	4.3	-
1967	23	70	93	797,846	11.7	2.9	-
1968	37	68	105	854,693	12.3	4.3	-
1969	24	68	92	895,593	10.3	2.7	-
1970	19	53	72	935,793	7.7	2.0	-
1971	24	68	92	978,285	9.4	2.5	-
1972	30	55	85	966,332	8.8	3.1	2,119
1973	22	58	80	1,011,963	7.9	2.2	4,314
1974	16	52	68	1,037,925	6.6	1.5	6,094
1975	11	66	77	1,051,834	7.3	1.0	8,531
1976	11	52	63	1,050,349	6	1.0	10,043
1977	17	64	81	1,080,530	7.5	1.6	11,298
1978	20	63	83	1,091,794	7.6	1.8	10,890
1979	10	43	53	1,093,716	4.8	0.9	10,775
1980	13	56	69	1,160,375	5.9	1.1	12,166
1981	19	53	72	1,174,023	6.1	1.6	13,187
1982	23	74	97	1,216,032	8	1.9	13,323
1983	17	63	80	1,325,474	6	1.3	14,131
1984	21	39	60	1,140,174	5.3	1.8	13,052
1985	15	57	72	1,100,991	6.5	1.4	11,284
1986	13	55	68	1,162,785	5.8	1.1	11,195
1987	12	69	81	1,189,566	6.8	1.0	8,611
Voluntary	425	1299	1724	22,960,726	7.5	1.85	161,013







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# \* Mandatory \* Hunter Education Program 1988 - Present

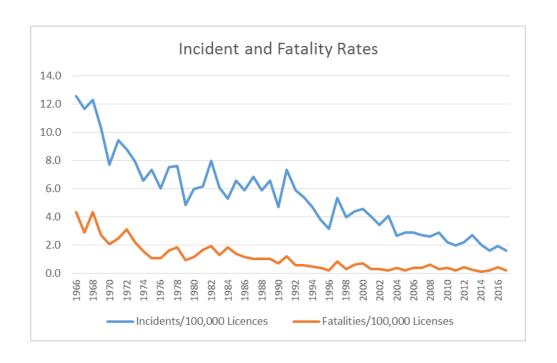
Calendar Year	Fatal	Non-Fatal	Accidents	Hunting Licenses Sold	Accidents/ 100,000 Licenses	Fatalities/ 100,000 Licenses	Students Certified	Deferrals Sold
1988	12	58	70	1,189,000	5.9	1.0	18,043	
1989	12	66	78	1,193,000	6.5	1.0	36,708	
1990	8	45	53	1,132,917	4.7	0.7	24,590	
1991	13	68	81	1,103,903	7.3	1.2	28,682	
1992	6	56	62	1,053,063	5.9	0.6	25,453	
1993	6	52	58	1,077,055	5.4	0.6	26,942	
1994	5	46	51	1,083,227	4.7	0.5	34,972	
1995	4	36	40	1,060,000	3.8	0.4	31,215	
1996	2	29	31	990,000	3.1	0.2	24,998	
1997	8	43	51	960,000	5.3	0.8	30,625	
1998	3	37	40	1,011,500	3.9	0.3	31,052	
1999	6	38	44	1,010,455	4.3	0.6	37,775	
2000	8	44	52	1,145,000	4.5	0.7	39,049	
2001	3	40	43	1,076,159	4	0.3	28,062	
2002	3	32	35	1,024,495	3.4	0.3	37,847	
2003	2	42	44	1,082,225	4.1	0.2	33,769	
2004	4	25	29	1,091,178	2.7	0.4	31,171	
2005	2	29	31	1,082,593	2.9	0.2	31,442	
2006	4	28	32	1,115,772	2.9	0.4	29,532	
2007	4	26	30	1,112,099	2.7	0.4	30,960	
2008	6	20	26	993,533	2.6	0.6	32,308	
2009	3	26	29	1,011,936	2.9	0.3	43,880	12,545
2010	4	21	25	1,141,924	2.2	0.4	41,785	13,997
2011	2	21	23	1,165,248	2	0.2	43,645	15,101
2012	5	20	25	1,155,542	2.2	0.4	45,719	15,438
2013	3	30	33	1,227,025	2.7	0.2	59,597	17,257
2014	2	24	26	1,284,933	2.0	0.2	72,026	11,898
2015	2	18	20	1,259,259	1.6	0.2	66,961	14,025
2016	5	19	24	1,271,368	1.9	0.4	60,115	14,371
2017	2	18	20	1,248,450	1.6	0.2	55,507	12,113
Mandatory	148	1,058	1,206	33,352,859	3.6	0.44	1,135,965	126,745
TOTAL	573	2,357	2,930	56,313,585	5.2	1.02	1,296,978	126,745

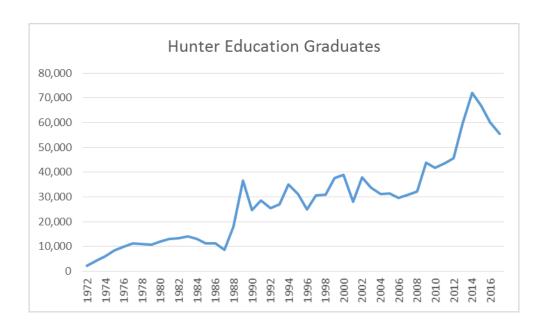
<sup>►</sup> HUNTING INCIDENT RATE (AVE.) DURING *VOLUNTARY* PROGRAM – 7.5 per 100,000 hunting licenses issued.

<sup>►</sup> **HUNTING INCIDENT RATE** (AVE.) DURING *MANDATORY* PROGRAM - 3.6 per 100,000 hunting licenses issued.

<sup>➤</sup> HUNTING FATALITY RATE (AVE.) DURING *VOLUNTARY* PROGRAM - 1.85 per 100,000 hunting licenses issued.

<sup>►</sup> HUNTING FATALITY RATE (AVE.) DURING MANDATORY PROGRAM - 0.44 per 100,000 hunting licenses issued.





### Texas Hunting Incidents 2013 - 2017

\* TYPE "A" Incidents - resulting from a discharge of a firearm or bow while hunting, which causes the injury or death of any person(s)

INCIDENTS	2013	2014	2015	2016	2017
Total	33	26	20	24	20
Fatal	3	2	2	5	2
Non-fatal	30	24	18	19	18
SHOOTER'S AGE					
0-9 yrs. of age	1	2	1	0	0
10-19	7	8	1	5	7
20-29	6	3	3	3	5
30-39	7	3	1	4	3
40-49	4	5	4	3	0
50-59	4	1	4	4	2
60 & over	1	2	5	3	2
Unknown	3	2	1	2	1
	33	26	20	24	20
SHOOTER'S EQUIP	MENT				
Rifles	20	8	4	6	5
Shotguns	10	17	15	14	12
Handguns	3	1	1	3	3
Muzzleloader	0	0	0	0	0
Bow/Air Gun	0	0	0	1	0
	33	26	20	24	20
ADDITIONAL FACT	ΓS				
		Percentag	e in parentl	nesis (%)	
Violated Game Law	9 (27)	5 (19)	3 (15)	5 (21)	9 (45)
Self-Inflicted	17 (52)	6 (23)	6 (30)	6 (25)	8 (40)
Alcohol or Drugs a Factor	5 (15)	3 (11)	2 (10)	2 (8)	1 (05)
Shooter Completed Hunter Ed ONLINE-ONLY HE	11 (33) 0 (0)	9 (35) 1 (4)	10 (50) 2 (10)	. ,	5 (25) 0 (0)

#### Incident profile over time:

- Incidents were highly preventable thru proper training
- Over half had not completed hunter education training
- Victims were not wearing hunter orange clothing
- Most incidents were due to lack of hunter judgment
- Most shooters had over 10 years of hunting experience
- Most shooters were <u>not</u> under the influence of alcohol
- If self-inflicted, shooters handled firearms carelessly
- Distance of muzzle to wound was generally under 15 yards
- Incident occurred towards dusk; fatigue a possible factor

#### Significant for 2017

- Six (6) FATALITIES involved hunters DROWNING (Type 'B' Incidents – non-firearm related hunting incidents)
- Nine (9) incidents occurred in each of the HUNTER JUDGMENT and SKILL & APTITUDE categories
- A decline in fatal incidents (from 5 to 2) occurred in 2017
- CARELESS HANDLING led the list of incidents with six (6) due to pointing a firearm in an unsafe direction
- DOVE hunting, with seven (7), continued to lead the list of animals hunted at time of incident; HOGS up to 4 in 2017
- SHOTGUNS, with 12, continued to be the dominant firearm involved in hunting incidents
- Five (5) HUNTER EDUCATION graduates, significantly down, were involved in hunting incidents in 2017 (25%)
- One incident (5%) involved ALCOHOL use, and 9 (45%) involved LAW VIOLATIONS, significantly up in 2017

MAIN CONTRIBUTING FACTOR	2013	2014	2015	2016	2017
HUNTER JUDGMENT					
Victim out of sight /moved into line of fire	3	4	2	5	3
Victim hit by shooter swinging on game	3	9	11	5	4
Victim mistaken for game	2	3	0	2	2
TOTAL	8	16	13	12	9
SKILL/APTITUDE					
Trigger caught on object	3	1	0	0	0
Loading/Unloading gun	0	1	0	1	1
Improper crossing	0	0	0	1	0
Careless handling	8	5	5	6	7
Dropped firearm	1	0	0	0	1
Shooter stumbled/fell	2	1	0	1	0
Careless Bow Handling	0	0	0	0	0
TOTAL	14	8	5	9	9
SAFETY					
Removing/placing firearm in vehicle	2	0	0	0	1
Discharge of firearm in/on vehicle	3	2	1	1	0
Improper crossing obstacle; Walking with loaded firearm	2	0	0	1	0
Horseplay	0	0	0	0	0
Failure to use fall restraint	0	0	0	0	0
TOTAL	7	2	1	2	1
OTHER					
Ricochet	1	0	0	0	0
Obstruction in Barrel or	3	0	0	1	0
Faulty Equipment					
Mixed Ammo/Incorrect	0	0	1	0	1
Substitution TOTAL		0	1	1	1
GRAND TOTAL	33	26	20	24	20
GRAND IUIAL	33	20	20	24	20

TOTAL	33	26	20	24	20
Unknown	3 (1)	0	0	0	0
Exotic	2 (6)	1 (4)	0	1 (4)	0
Furbearers/Raccoons	1 (3)	0	0	1 (4)	0
Nongame birds/Snake	1(3)	0	0	1 (4)	2 (10)
Squirrel/Prairie Dog	1 (3)	1 (4)	1 (5)	1 (4)	0
Coyote/Bobcat	2 (6)	0	0	1 (4)	0
Ducks/Geese	2 (6)	0	0	2 (8)	2 (10)
Turkey	0	0	0	0	0
Quail/Pheasant	0	4 (15)	3 (15)	4 (17)	2 (10)
Feral Hog/Peccary	5 (15)	1 (4)	1 (5)	2 (8)	4 (20)
Rabbit/Hare	2 (6)	1 (4)	1 (5)	1 (4)	1 (05)
Deer	8 (24)	6 (23)	2 (10)	3 (13)	2 (10)
Dove	6 (18)	12(46)	12(60)	7 (29)	7 (35)
		Percentag	e in paren	thesis (%)	
ANIMAL HUNTED					

## 2017 FATAL INCIDENTS - FIREARM/BOW HUNTING RELATED (A)\*

\* Firearm/Bow & Hunting Related--an accident/incident resulting from the discharge of a firearm or bow while hunting, which causes the injury or death of any person(s).

Date	County	Shooter's Age/Gender	Firearm	Animal Hunted	Self- Inflicted?	Hunter Ed? (Shooter)		
5-19	Dallas	UNK/M	Rifle	Hog	No	UNK		
Comments:	others. As the hu	Four hunters were hunting hogs in an open field at night and the victim lagged behind the others. As the hunters (unknown) fired at scattering hogs, one of their bullets struck in the right upper chest of the victim. He was crouched, possibly looking like a hog, especially in the dark.						
Prevention:	Always point muzzle in a safe direction; know where all others are at all times; clearly identify the target prior to raising the firearm towards it; use binoculars to identify game; be especially careful if hunting at night or in the dark and wear hunter/blaze orange to be seen; avoid colors of clothing that resemble animals being hunted; complete hunter education, even if not required.							
11-18	Duval	11/F	Rifle	Rabbit	No	No		
Comments:	Young shooter and her younger brother went hunting in the early morning without permission, taking the keys and retrieving the .22 cal. rifle from the truck and ammunition from a canister. They headed to a blind about 400 yards from the camp, and while in the blind shot at a rabbit. At the time of the shot, their cousin was walking towards the blind and was struck in the chest by a bullet while about 150 yards away.							
Prevention:	beyond, prior to r	aising the firearm	n towards it; us oid colors of cl	dentify the target, when be binoculars to identify that resemble atting laws.	tify game; we	ear		

### 2017 NON-FATAL INCIDENTS - FIREARM/BOW HUNTING RELATED (A)\*

\* Firearm/Bow & Hunting Related-- accidents/incidents resulting from the discharge of a firearm or bow while hunting, which causes the injury or death of any person(s).

Date	County	Shooter's Age/Gender	Firearm	Animal Hunted	Self- Inflicted?	Hunter Ed? (Shooter)		
1-7	Chambers	12/M	Shotgun	Waterfowl	Yes	No		
Comments:	He bumped and d	Shooter was sitting back down in the blind with his loaded firearm propped against the bench. He bumped and dropped the shotgun, and the butt struck the ground. It discharged and the blast and pellets grazed him in the upper chest.						
Prevention:	ready to shoot; has	ndle firearms car	efully; always	our finger outside the s unload before placin even if not required.	ng firearm on			
1-9	Jim Hogg	54/M	Shotgun	Quail	Yes	No		
Comments:	Obstruction in a si shooter's left hand			gun caused a blowou	t of the left ba	rrel near the		
Prevention:				carry the proper, cu lete hunter educatior				
4-18	Bowie	36/M	Shotgun	Snake	Yes	Yes		
Comments:	After shooting a snake, shooter placed loaded shotgun under bungee cords on the front of his ATV and discharged it towards his right hand/fingers in the process.							
Prevention:	longer hunting; ne	ver carry a loade	d firearm in a	unload prior to trans a vehicle or hunt from actice targets; apply w	n a vehicle; pl	ace unloaded		

Date	County	Shooter's Age/Gender	Firearm	Animal Hunted	Self- Inflicted?	Hunter Ed?
8-5	Wise	26/M	Rifle	Hog	No	No
Comments:				ne shooter, laid do harged it towards		
Prevention:	crossing obstacles	s/difficult terrain arm on the ground	, prior to field o	nload when no lor Iressing game or t Ire manner; obey t	ransporting fir	earms; Never
8-21	Runnels	16/M	Handgun	Snake	Yes	No
Comments:				nke and ran toward narged the .22 cal.		
Prevention:	carefully, especia	lly short-barreled	l arms; carry a l	es; treat firearms as oaded handgun ov ication, especially	er an empty c	hamber or in a
9-1	Coleman	25/F	Shotgun	Dove	No	No
Comments:	Victim was struck game outside of a			oter some distance	e away who wa	as swinging on
Prevention:	positioned at all t	times; identify the	e target clearly;	with other hunter identify what is in nter education, esp	front of and b	ehind the
9-2	Bastrop	34/M	Shotgun	Dove	Yes	No
Prevention:	around the camp hunting/hunter of Always point mu crossing obstacles in camp; Never p	fire. Felony possed education citation azzle in a safe dire s/difficult terrain place a loaded fire	ession of a firea as issued. ection; always u a, prior to field o arm next to a tr	carelessly shot his rm (3 <sup>rd</sup> degree) and nload when no loo lressing game, trade or other insecute hunter education	d numerous denger hunting sonsporting fireate rest; never d	uch as when rms or while Irink before or
9-2	Edwards	65/M	Shotgun	Dove	No	No
Comments:		n victim outside o	of his safe zone	of fire. Victim was	s sitting across	
Prevention:	Always maintain are positioned at	a safe zone of fir all times; make s	e; communicate ure to identify t	with hunting com he target clearly; io unter education, e	dentify what is	s in front of
9-2	Menard	59/M	Shotgun	Dove	No	No
Comments:	0			of fire. Victim was was taken to hosp	_	-
Prevention:	are positioned at	all times; make s	ure to identify t	with hunting com he target clearly; id t was learned in hi	dentify what is	s in front of
9-16	Liberty	17/M	Shotgun	Waterfowl	No	No
Comments:	readjusted his po	sition/body, he c	arelessly discha	ll shooting hours for orged his 12 gauge ne foot. Numerous	shotgun towa	rds the victim,
Prevention:	crossing obstacles	s/difficult terrain arm on the ground	, prior to field of d or in an insecu	nload when no loi lressing game or ti ire manner; obey t	ransporting fir	earms; Never

Date	County	Shooter's Age/Gender	Firearm	Animal Hunted	Self- Inflicted?	Hunter Ed?
9-22	Zavala	20/M	Shotgun	Dove	No	No
Comments:		k by pellets throug	,		0	
Prevention:	are positioned at	n a safe zone of fire all times; make su poting; obey the lav	re to identify th	ne target clearly, w	hat is in front	of/behind the
9-23	Cameron	14/M	Shotgun	Dove	Yes	No
Comments:		ds were hunting ir resting on his foot.		Victim carelessly	discharged hi	s shotgun as
Prevention:	gathering with fe	uzzle in a safe dire ellow hunters in th he law; complete h	e field; Never r	est a muzzle on yo	our toe while l	
9-30	Live Oak	14/M	Shotgun	Dove	No	Yes
Comments:		k by pellets to face rush row, out of sig			ired by a shoo	oter on the
Prevention:	positioned at all	n a safe zone of fire times; identify the poting; apply what	target clearly; i	dentify what is in	front of and b	
11-05	Mason	71/M	Rifle	Deer	No	o No
Comments:	laying on the sea	rearm in the vehicl t. Bullet struck vi	ctim in the uppe	er arm, as he stood	d on the other	side of the car.
Prevention:	longer hunting; if finger outside the	uzzle in a safe dire never carry a loade e trigger guard un game; complete hu	ed firearm in a v less shooting; o	ehicle or hunt fro nly load when yo	m a vehicle; k u are in the fie	eep your
11-19	Hardeman	28/M	Handgun	Hog	Ye	s Yes
Comments:		oading his handgu rged it towards hi	n while riding o			amp. He
Prevention:	longer hunting;	uzzle in a safe dire never carry a loade oading/unloading	ed firearm in a v	ehicle; maintain s	afe muzzle co	ntrol and
12-3	Terrell	14/M	Handgun	Deer	Ye	s Yes
Comments:		loaded .22 caliber s and carelessly di				er. He got up
Prevention:	carefully, especia	uzzle in a safe dire ally short-barreled oer holster; apply v	arms; carry a lo	oaded handgun ov	er an empty o	
12-4	Nacogdoches	21/M	Rifle	Hog	No	o No
Comments:	pipeline right-av	hunting companion way for hogs. Shoo og, seeing eyes in	oter mistook vic	tim (who had per	mission to hur	nt on the
Prevention:	are positioned at in front of and be	n a safe zone of fire all times; make su ehind the target be mplete hunter edu	are to identify the fore shooting; h	ne target clearly, e nunt with written	ven at night; i	dentify what is

Date	County	Shooter's Age/Gender	Firearm	Animal Hunted	Self- Inflicted?	Hunter Ed?	
12-10	Erath	36/M	Shotgun	Quail	No	Yes	
Comments:		Victim (guide with pointing dogs) was struck by a single pellet fired by a shooter swinging on game outside of a safe zone of fire.					
Prevention:	positioned at all	times; identify the	target clearly;	with other hunters; kn identify what is in fron hunter education.			

## 2017 NON-FIREARM/BOW HUNTING RELATED (B) \*\*

Type	Age/Gender	Fatal?	Comments
Drowning/Hypothermia	26/M and	Yes	Man and his young son died at Lake Tawakoni while
January 3, 2017	5yr-old son		duck hunting; two were found not wearing life
			jackets; hypothermia a factor
Drowning/Hypothermia	Three (3) Males	Yes	Three male victims found drowned during cold spell
January 8, 2017	Young 20s		in Texas Bays; the three were on a saltwater duck
			hunt; hypothermia a factor
Antler (Animal) Puncture	40/M	No	Victim was releasing a deer that was accidentally
January 16, 2017			trapped in his hog trapping pen and upon release
			was attacked by the buck deer; injury to inner thigh
Fall from elevated stand	53/M	Yes	Victim was found dead from a 10-foot fall from a
November 4, 2017			tripod. He was hunting hogs with a bow
Asphyxiation	3 Family	Yes	Family members were at hunting camp and found
December 28, 2017	members -		dead due to carbon monoxide poisoning from a
	teens to 60s/M		propane heater in their hunting cabin/shack
Drowning/Hypothermia	57/M	Yes	Duck hunter was found drowned near his duck hunt
December 31, 2017			on Caddo Lake

<sup>\*\*</sup> B. Non-Firearm/Bow Related - Accidents/incidents while hunting, <u>not</u> involving the discharge of a firearm or bow, which causes injury or death of any person(s).

# 2017 NON-HUNTING/FIREARM RELATED (C) \*\*\*

Type	Age/Gender/ Firearm	Fatal?	Comments
Careless Handling September 3, 2017	(51/M) Handgun	No	Victim was quick drawing his handgun and carelessly discharged it towards his right calf
Mixed Ammo November 9, 2017	55/M Rifle	No	Victim put the wrong ammunition in his rifle and it fractured when discharged, causing a laceration to his index finger.

<sup>\*\*\*</sup> C. Non-Hunting Related - Other reported accidents/incidents resulting from the discharge of a firearm/bow, which causes the injury or death of any person(s), other than while hunting (reported to TPWD Game Wardens)