



## **Firearm Deaths and Non-Fatal Injuries in Connecticut from 2015 to 2020**

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## Violent Deaths in Connecticut 2015 to 2019

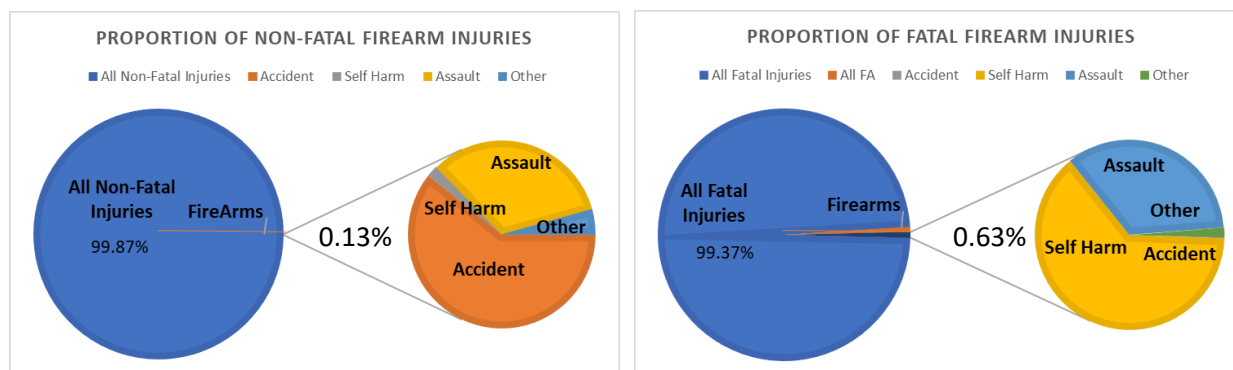
A violent death as defined by the CDC is a suicide, homicide, undetermined death (where use of force is evident) and accidental firearm death.

- From 2015 to 2019 Connecticut had 2,681 violent deaths; 2,020 suicides, 559 homicides, 95 undetermined, 5 unintentional firearms
- Firearms accounted for 34% (N= 911) of all violent deaths in Connecticut during that period.

### Firearms-Related Injury and Mortality Data for 2016 to 2019

Along with data reported in the CT Violent Death Reporting System (CTVDRS), Connecticut also uses hospital discharge and vital records data to calculate firearms injuries and fatalities for reporting purposes that can be compared with other causes of non-fatal injury and injury-related mortality. Firearms-related data can be analyzed by a similar cause of injury or manner of death as CTVDRS; self-harm, assault, unintentional/accidental, and other (which includes legal intervention, terrorism, and unknown intent.) Data is suppressed for n=1-5 in order to protect patient confidentiality. Data available using the new ICD10 classification coding system is available for 2016-2019.

- Firearms accounted for 0.13% (N= 1,854) of all non-fatal injuries and 0.63% (N= 717) of injury-related deaths in Connecticut during the years 2016-2019



Source for non-fatal injury is CT Hospital Discharge (CHIME) data and source for fatalities is CT Vital Records mortality data

- Intentional self-harm was the greatest cause of firearm-related fatalities at 64% (N=456) while accidental harm was the greatest cause of non-fatal firearm-related injuries at 61% (N=1124).
- Fatal firearm-related injury is distributed as 64% self-harm, 35% assault, <1% accidental, and 1% other
- Non-fatal firearm-related injury is distributed as 2% self-harm, 33% assault, 61% accidental and 5% other

### Comparison of Firearms-Related Injury and Mortality Data for 2016 to 2019

Non-fatal Firearms Injury by Years 2016-2019						%Total
All	2016	2017	2018	2019	4YrAvg	
Accidental	242	309	248	325	281	60.6%
Self Harm	12	*	*	8	9	2.0%
Assault	235	135	95	147	153	33.0%
Other	25	22	14	20	20	4.4%
<b>Total</b>	<b>514</b>	<b>471</b>	<b>369</b>	<b>500</b>	<b>464</b>	<b>100.0%</b>

Fatal Firearms Injury by Years 2016-2019						%Total
All	2016	2017	2018	2019	4YrAvg	
Accidental	1	1	0	0	1	0.3%
Self Harm	107	108	125	116	114	65.0%
Assault	55	73	53	67	62	35.4%
Other	3	3	1	4	3	1.6%
<b>Total</b>	<b>166</b>	<b>185</b>	<b>179</b>	<b>187</b>	<b>175</b>	<b>102.3%</b>

Source for non-fatal injury is CT Hospital Discharge (CHIME) data and source for fatalities is CT Vital Records mortality data

### CTVDRS Firearm Deaths by Manner of Death by Year 2015 to 2019

#### 2015

Death Manner	N	Percent of Firearm Deaths
Unintentional firearm	1	0.5
Undetermined	1	0.5
Homicide	80	43.3
Suicide	103	55.7
<b>Total</b>	<b>185</b>	<b>100</b>

#### 2016

Death Manner	N	Percent of Firearm Deaths
Unintentional firearm	1	.6
Undetermined	2	1.2
Homicide	52	32.3
Suicide	107	66.5
<b>Total</b>	<b>161</b>	<b>100</b>

#### 2017

Death Manner	Frequency	Percent of Firearm Deaths
Unintentional firearm	2	1
Undetermined	1	0.6

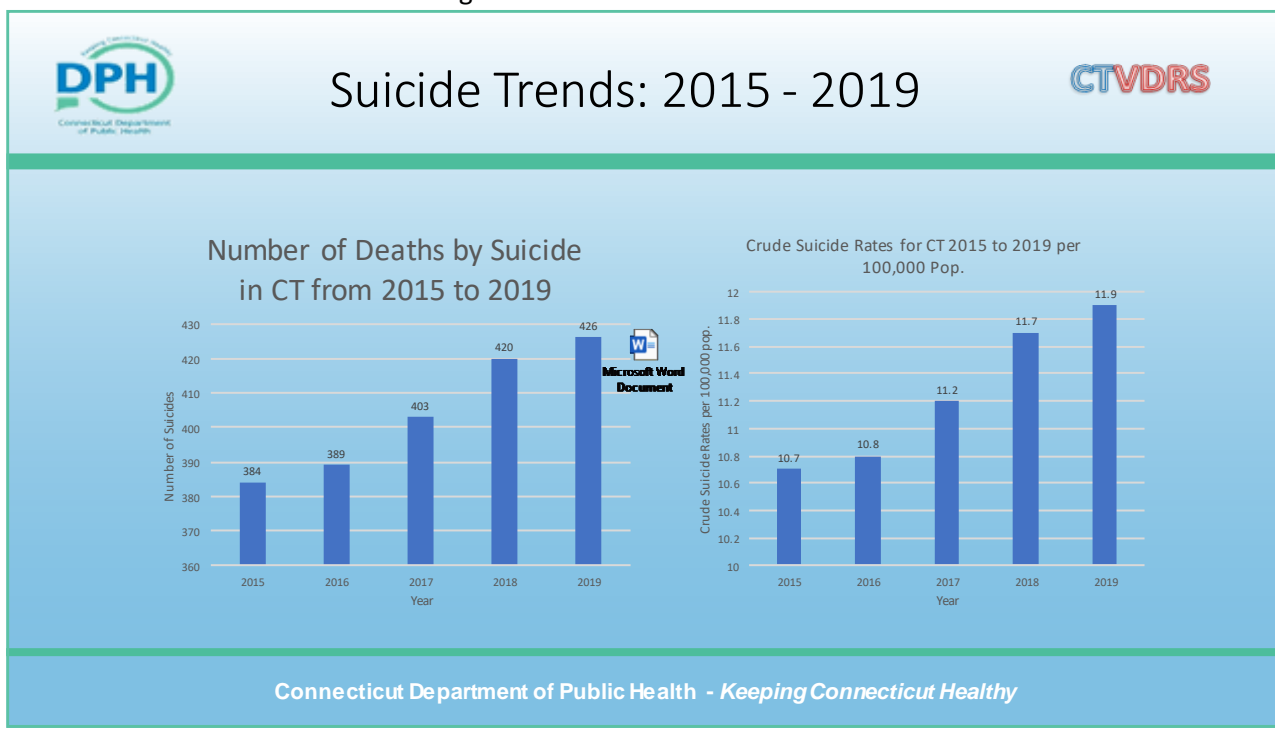
Homicide	78	40.6
Suicide	111	57.8
Total	192	100

	<b>2018</b>	
<b>Death Manner</b>	Frequency	Percent of Firearm Deaths
Unintentional firearm	1	.5
Undetermined	3	1.6
Homicide	60	31.8
Suicide	126	66.7
Total	189	100.0

	<b>2019</b>	
<b>Death Manner</b>	Frequency	Percent of Firearm Deaths
Homicide	73	39.5
Suicide	112	60.5
total	185	100

- **CTVRS** Firearm deaths will be focused on suicides and homicides

### Background of Suicides in Connecticut



- There were 559 suicides by firearms, mostly by handguns, from 2015 to 2019
- 82.3 % of suicides caused by firearm occurred in Non-Hispanic White Men (N=463). See figures 1 , 2 and 3 below.

Figure 1

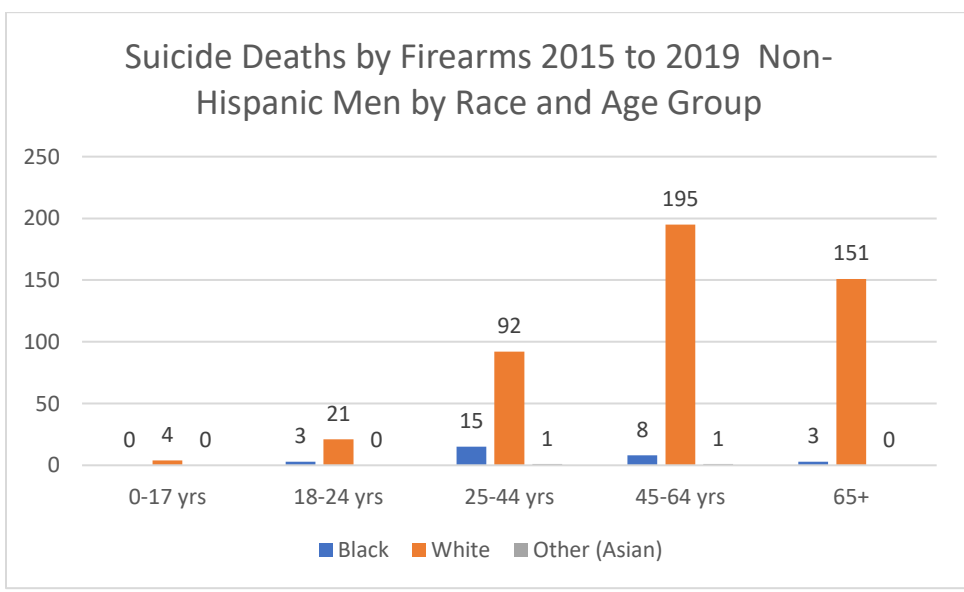


Figure 2

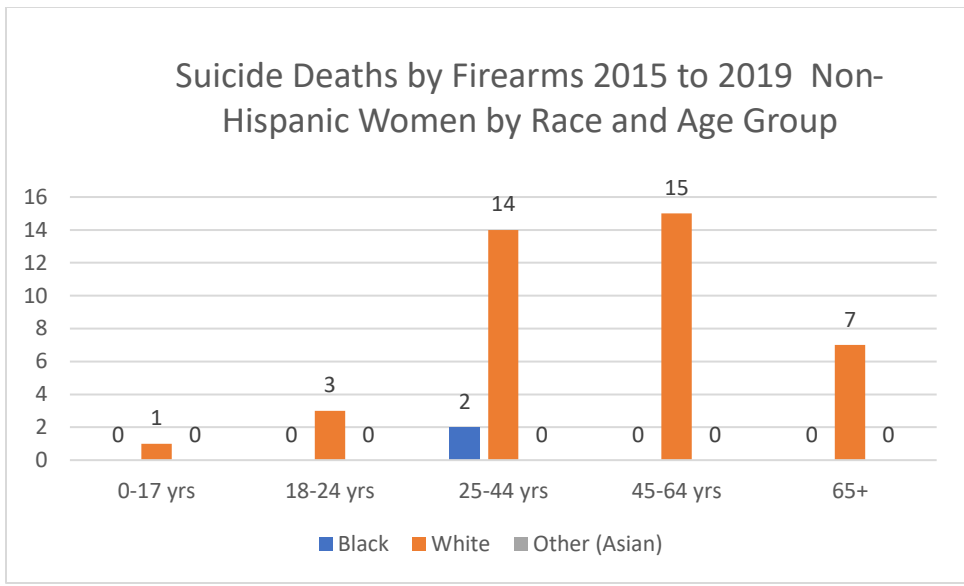
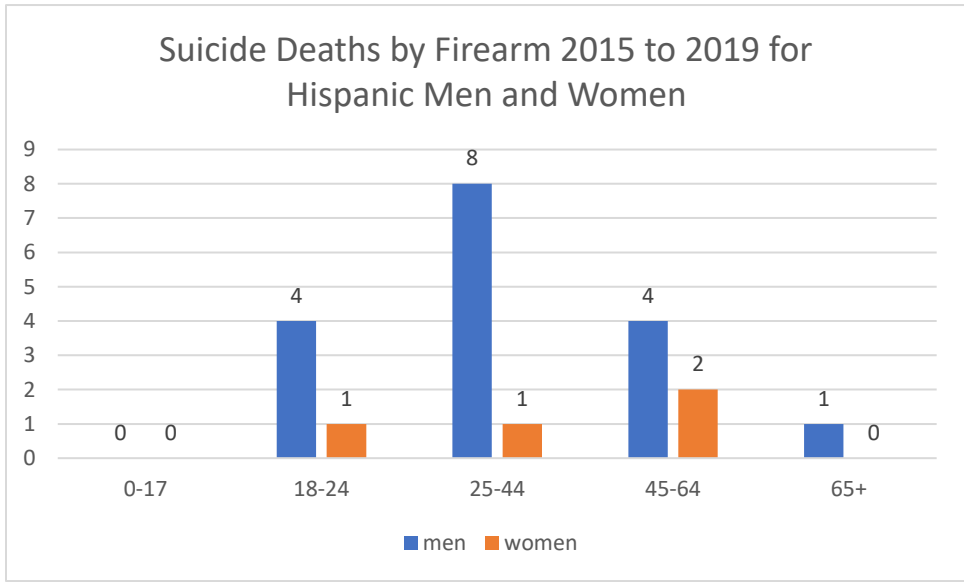


Figure 3



**Suicide Rates (per 100,000 CT Population) by Firearms by City/ Town for 2015 to 2019 Ranked from Highest Rate to Lowest Rate (Cut off at least 5 firearm deaths during 2015 to 2019)**

City/Town	Number Firearm Suicide Deaths	Pop. 2015_2019	Suicide Rate Per 100,000 CT Pop.
Litchfield	6	40891	14.7
Tolland	6	73610	8.2
Plainville	7	88565	7.9
North Haven	9	118,790	7.6
Ellington	6	80975	7.4
New Milford	9	135406	6.6
Colchester	5	80,278	6.2
Southbury	6	97960	6.1
Groton	12	196,178	6.1
Brookfield	5	85,640	5.8
Cheshire	7	146534	4.8
Norwich	9	197,865	4.5
Milford	12	271170	4.4
Shelton	9	206821	4.4
Bristol	13	301268	4.3
Wallingford	9	223776	4.0
Southington	8	219091	3.7
Middletown	7	232734	3.0
Waterbury	15	542961	2.8
Enfield	6	222446	2.7
Meriden	8	299391	2.7
Stratford	8	314137	2.5
Manchester	7	289676	2.4
Danbury	8	425387	1.9
Norwalk	8	443938	1.8
Greenwich	5	313619	1.6
New Haven	10	653298	1.5
Bridgeport	11	733302	1.5
Stamford	8	650459	1.2

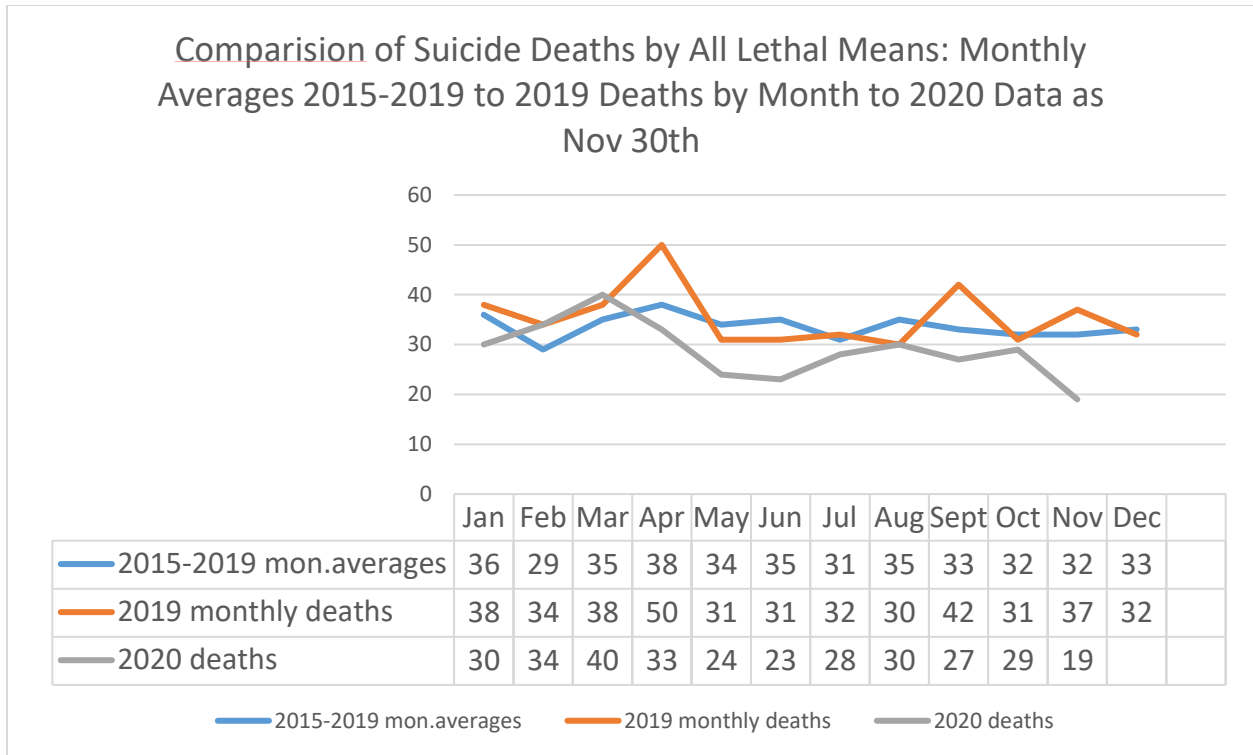
**Suicide Rates (per 100,000 CT Population) by All Lethal Means by City/ Town for 2015 to 2019**

City/Town	Suicide Rate per 100,000
Plainville	23.7
Bristol	18.9
Vernon	17.1
Branford	16.4
Meriden	16.0
Enfield	15.7

Wallingford	15.6
Torrington	15.0
Norwich	14.7
Windsor	14.5
Southington	14.1
Shelton	14.0
Milford	13.6
Groton	12.2
Manchester	12.1
Middletown	12.0
Waterbury	12.0
New Britain	11.3
West Haven	10.6
New Haven	8.6
Hamden	7.8
Stamford	7.7
Stratford	7.3
Bridgeport	6.7
Danbury	6.6
Fairfield	6.5
Norwalk	6.1
Hartford	6.0

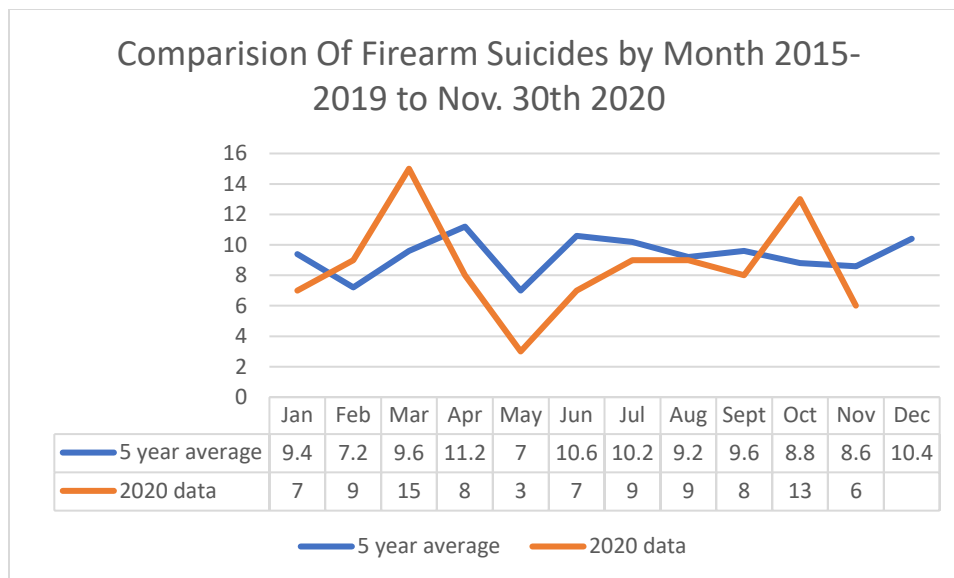
**Preliminary 2020 Suicide Data from January 1<sup>st</sup> to November 30<sup>th</sup>**





Based on preliminary data in 2019 and 2020:

- From 2015 to 2019, January to November 30<sup>th</sup>, CT averaged 370 suicides deaths during that time period.
- In 2020, same time period, there were 319 suicides.
- For far 2020, CT has experienced a 16% decline in suicide deaths when compared to the 5-year average (2015 to 2019).



Based on preliminary data in 2019 and 2020:

- From 2015 to 2019, January to November 30<sup>th</sup>, CT averaged 101 suicides deaths by firearms.
- In 2020, same time period, there were 94 suicides deaths by firearm.
- For far 2020, CT has experienced a 7% decline of suicide deaths by firearm when compared to the 5-year average (2015 to 2019).

**Towns or Cities with at least 2 Suicide Deaths by Firearm for 2020 are listed below:**

Enfield	4
Manchester	4
Stamford	4
Danbury	3
Wethersfield	3
Ashford	2
Brookfield	2
Danielson	2
East Haven	2
Killingworth	2
Mansfield	
Center	2
Naugatuck	2
New Britain	2
Norwalk	2
Shelton	2

Background of Homicide in CT. Please click on icon below to open slides; to end presentation click Esc.



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### Victims of Homicide by All Lethal Means 2015 to 2019

Gender	N (%)	Crude Rate per 100,000 CT. Pop.
Male	436 (77.9)	4.9
Female	123 (22.1)	1.3

- 559 homicide victims

Race/Ethnicity	N (%)	Crude Rate per 100,000 CT. Pop.
Black	255 (45.6)	13.2
White	165 (29.5)	1.3
Other/ Asian	6 (1.2)	.76
Hispanic	133(23.7)	4.6

- 89.0 % (N=227) of Black homicide victims were men while 58.8 % of White homicide victims were men
- Firearms accounted for 61.3% (N=343) of the homicide deaths

### Victims of Homicide by Firearm 2015 to 2019 (this includes legal interventions, N=9)

Gender	N (%)	Crude Rate per 100,000 CT. Pop.
Male	298 (86.8)	3.4
Female	45 (13.2)	.53

- 343 firearm related homicides

Race/Ethnicity	N (%)	Crude Rate per 100,000 CT. Pop.
Black	199 (58.0)	10.4
White	59 (17.2)	.48
Other/ Asian	5(1.5)	.01
Hispanic	80(23.3)	2.8

- 53.6 % (N=184) of the victims were Black men; 22.8 % (N=68) of the victims were Hispanic men; 12.0 % (N=41) of the victims were White men;
- All firearm deaths were from handguns

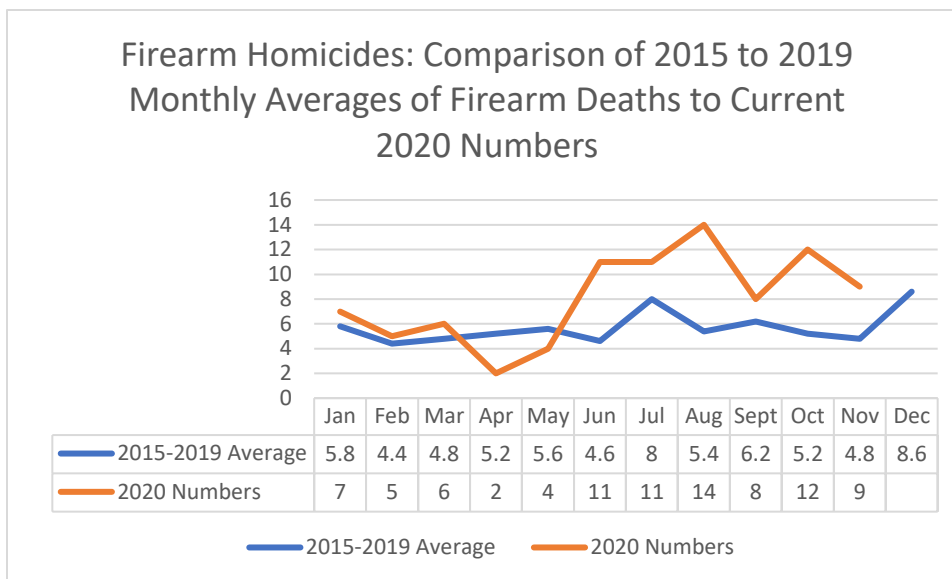
#### Age Distribution for Men

Race/ Ethnicity	N	Average Age in Years	Age Range	Age Most Freq. Occurred
White	41	41	15-76	53
Black	184	30	12-73	28
Other/Asian	5	33	25-46	-
Hispanic	68	29	14-57	32

#### Age Distribution for Women

Race/ Ethnicity	N	Average Age in Years	Age Range	Age Most Freq. Occurred
White	18	47	15-87	33
Black	15	35	9-58	48
Other/Asian	0	0	0	-
Hispanic	12	33	16-59	30

### Average of Monthly Firearm Homicides



- From 2015 to 2019 there were an average of 68.6 firearm homicides from January 1<sup>st</sup> to November 30<sup>th</sup>. For the same period for 2020 there have been 89 firearm homicides.
- When compared to the 5-year average (2015 to 2019 Jan 1<sup>st</sup>, Nov.30<sup>th</sup>) firearm homicides have increased 48 %, corresponding with an increase of 39% for overall, all lethal means homicides for 2020.
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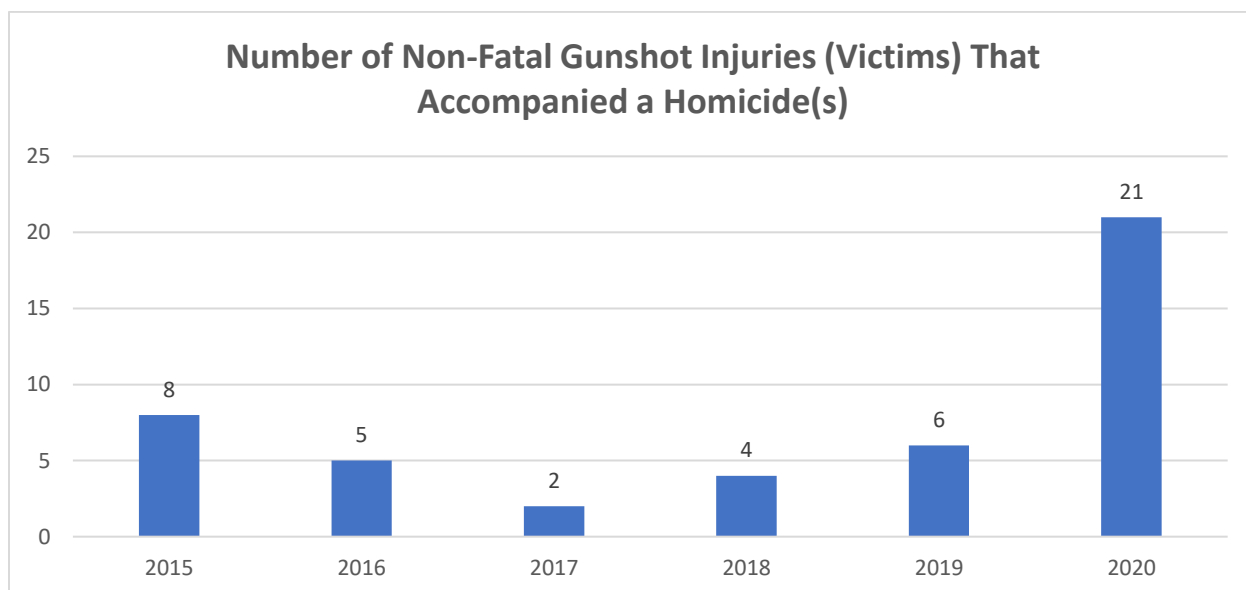
### Homicide Rates by Firearm for Connecticut Cities with at least 3 Homicides for 2015 to 2019

Injury Cities	N	Rate per 100,000 CT pop.
Hartford	96	15.5
Bridgeport	65	8.9
New Haven	47	7.2
Waterbury	26	4.8
East Hartford	8	3.2
New London	4	2.9
New Britain	10	2.8
Hamden	6	2.0
Fairfield	3	1.1
West Haven	3	1.1
Stratford	3	1.0
Stamford	6	0.9

### Homicide Frequency by Firearm for Connecticut Cities with at least 3 Homicides through November 30, 2020

Injury City	N
Bridgeport	17
New Haven	17
Hartford	15
Waterbury	11
Meriden	4
West Haven	3

### Number of Non-Fatal Gunshot Injuries from Homicide Incidents as November 30<sup>th</sup>, 2020

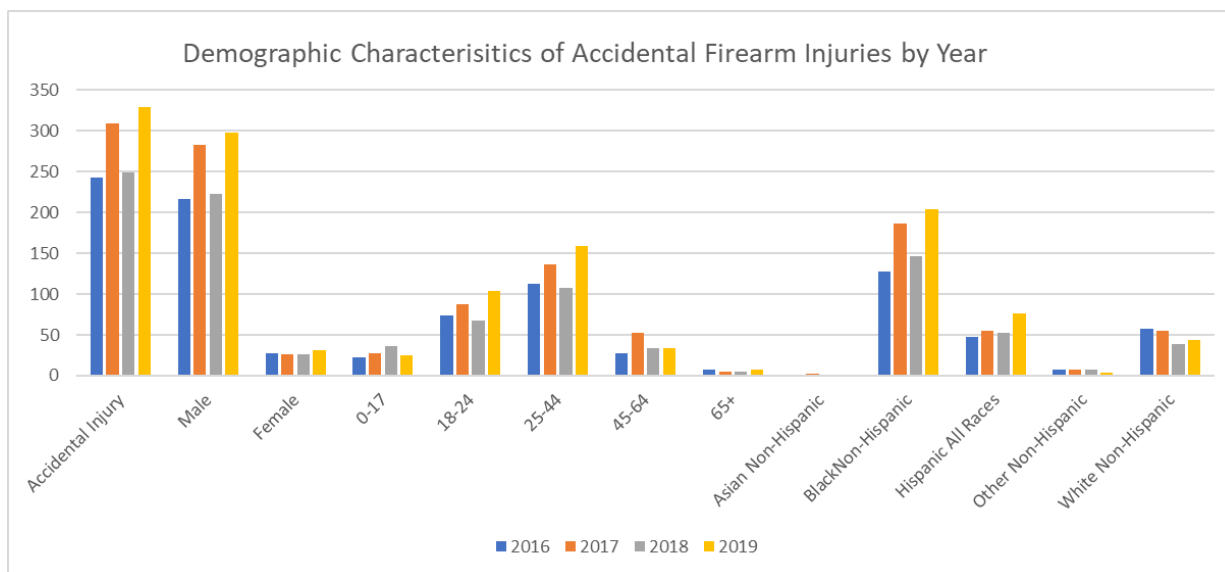
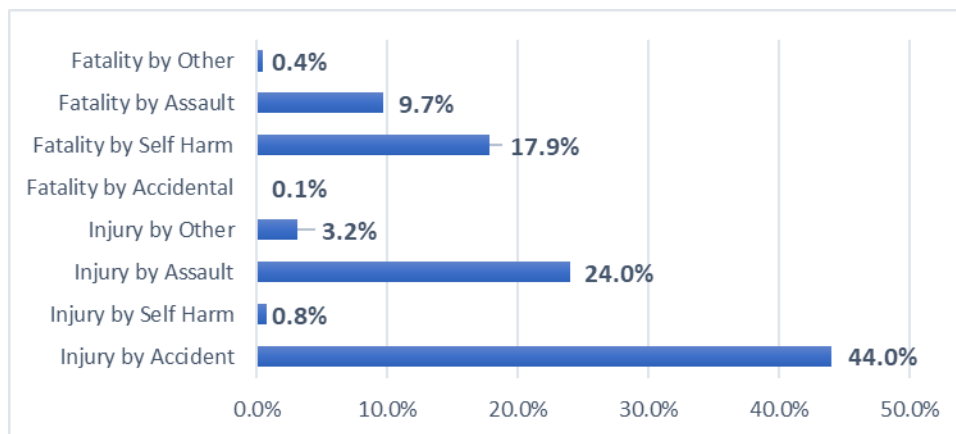


All suicide and homicide data were from Connecticut Violent Death Reporting System 2015 to November 30<sup>th</sup>, 2020. The data from 2019 and 2020 is preliminary.

- From 2016 to 2019 Connecticut had 1,854 injuries and 717 deaths from firearms; 2,020 suicides, 559 homicides, 95 undetermined, 5 unintentional firearms
- Firearms accounted for 34% (N= 911) of all violent deaths in Connecticut during that period.

### Accidental Non-fatal Injury by Firearms 2016 to 2019

Accidental, non-fatal injury by firearms is the most prevalent outcome of firearms misuse, representing 44% of all bodily harm.



### Geographic Distribution of Non-Fatal Firearm injuries

Unlike fatal firearm-related injuries, non-fatal firearm-related injuries do not occur across all towns cluster with in certain cities. This final chart shows the 26 town that are responsible for all firearm-related non-fatal injuries.

Town	Accident	Assault	Self Harm	Other
Bridgeport	265	105	*	10
Hartford	171	130	*	9
New Haven	163	72	*	*
Waterbury	103	103	*	11
Stratford	31	9	0	0
Hamden	29	*	0	*
West Haven	22	*	*	0
Stamford	19	8	0	0
Ansonia	13	*	0	0
Bloomfield	13	*	*	0
Manchester	13	6	0	*
New Britain	13	17	*	*
New London	13	*	0	*
Vernon	13	6	*	0
Bristol	12	7	0	*
East Hartford	12	17	0	*
Norwalk	12	11	*	*
West Hartford	11	*	0	*
Windsor	10	*	0	*
Danbury	7	*	*	0
Meriden	7	21	*	*
Milford	7	0	0	0
Shelton	7	*	0	0
East Haven	6	*	*	0
Middletown	6	0	*	*
Trumbull	6	0	0	0