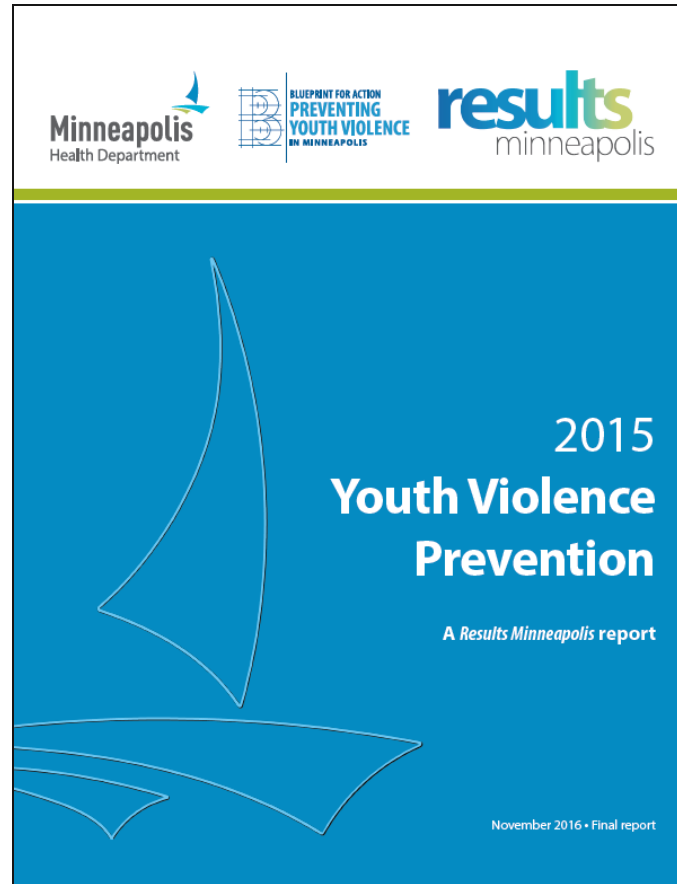


MINNEAPOLIS HEALTH DEPARTMENT

Youth Violence Prevention: Surveillance data update for HECE

February 2017

The report “2015 Youth Violence Prevention” was published in November 2016.



Available online at:
[www.minneapolismn.gov/coordinator/
rm/Monitoring/CityGoalResultsMinneapolis](http://www.minneapolismn.gov/coordinator/rm/Monitoring/CityGoalResultsMinneapolis)

This presentation includes updated data for the following areas of youth violence prevention surveillance:

Youth population tracking:

1. Homicides
2. Violent crime victims
3. Injuries
4. Arrests
5. Violent crime involvement

Environmental tracking:

6. Sounds of shots fired

Data sources were updated through years 2015 or 2016, as available.

SOURCE	UPDATED THROUGH	POPULATION NOTES
Vital records	2015	Residents (based on geocoded address of residence)
★ Police data	2016	Location-based (i.e., “it happened in Minneapolis”)
Hospital data	Preliminary 2015*	Residents (based on zip code of residence)

Overview of findings

YOUTH TRACKING INDICATOR	DATA SOURCE	RECENT TREND
Homicides among residents	Vital records	UP
Location-based homicides	Police	UP
Violent crime victims	Police	UP
Aggravated assault arrests	Police	UP
Violent crime involvement	Police	UP
Sounds of shots fired (environmental)	Police	UP
Assault injuries among residents	Hospital	CONTINUED DOWN
Firearm-related assault injuries among residents	Hospital	CONTINUED DOWN
Simple assault arrests	Police	CONTINUED DOWN
Arrests with a gun	Police	CONTINUED DOWN

Youth violence prevention efforts in the city will have a greater impact on city residents.

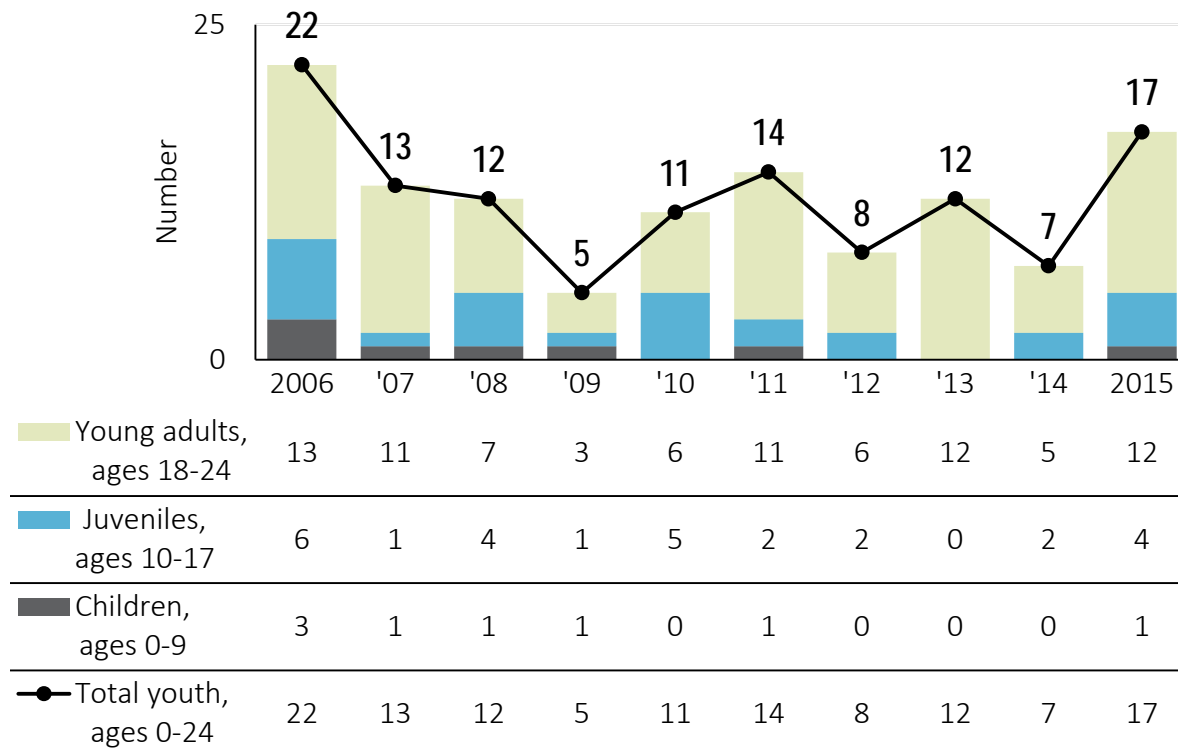


1. Youth homicides



Homicides among youth residents were high in 2015 relative to prior years, with 17 total deaths. Homicide is a rare event, but it affects all age subgroups.

Homicides among youth residents, by age subgroup, Minneapolis, 2006-2015



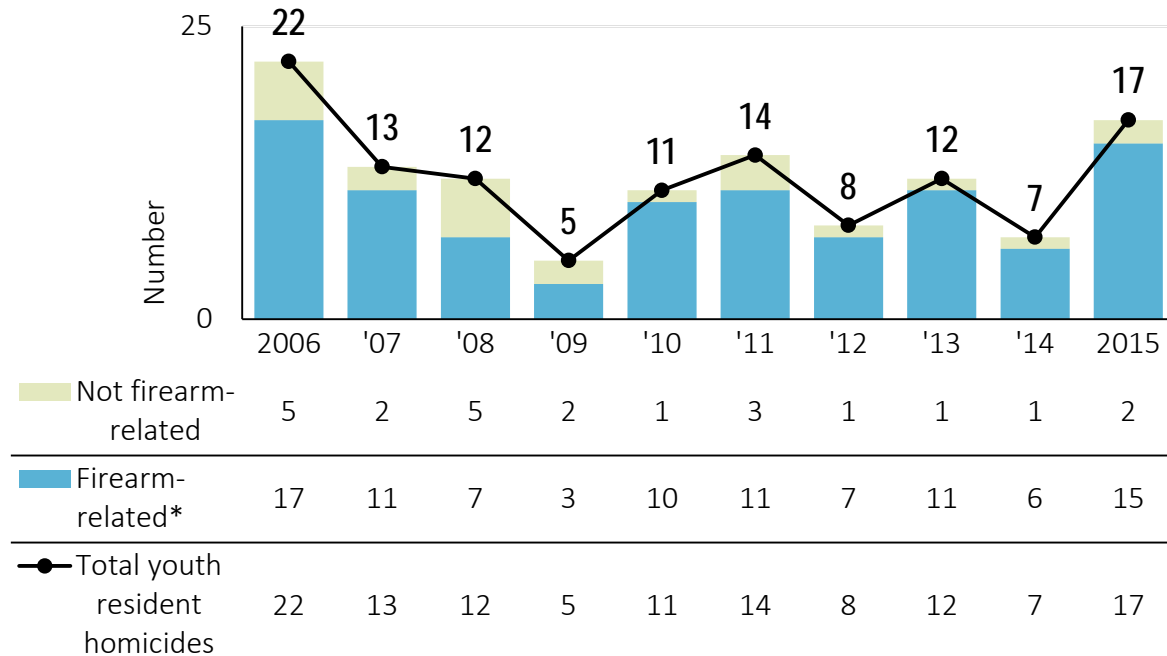
Note: Data available only through 2015

Homicides are defined by underlying cause of death ICD-10 codes: X85-Y09, Y87.1, U01-U02.

SOURCE: Minnesota vital records

Historically, homicides among youth residents are mostly firearm-related (81% over ten years).

Homicides among youth residents, firearm-related vs. not firearm-related, Minneapolis, 2006-2015



Note: Data available only through 2015

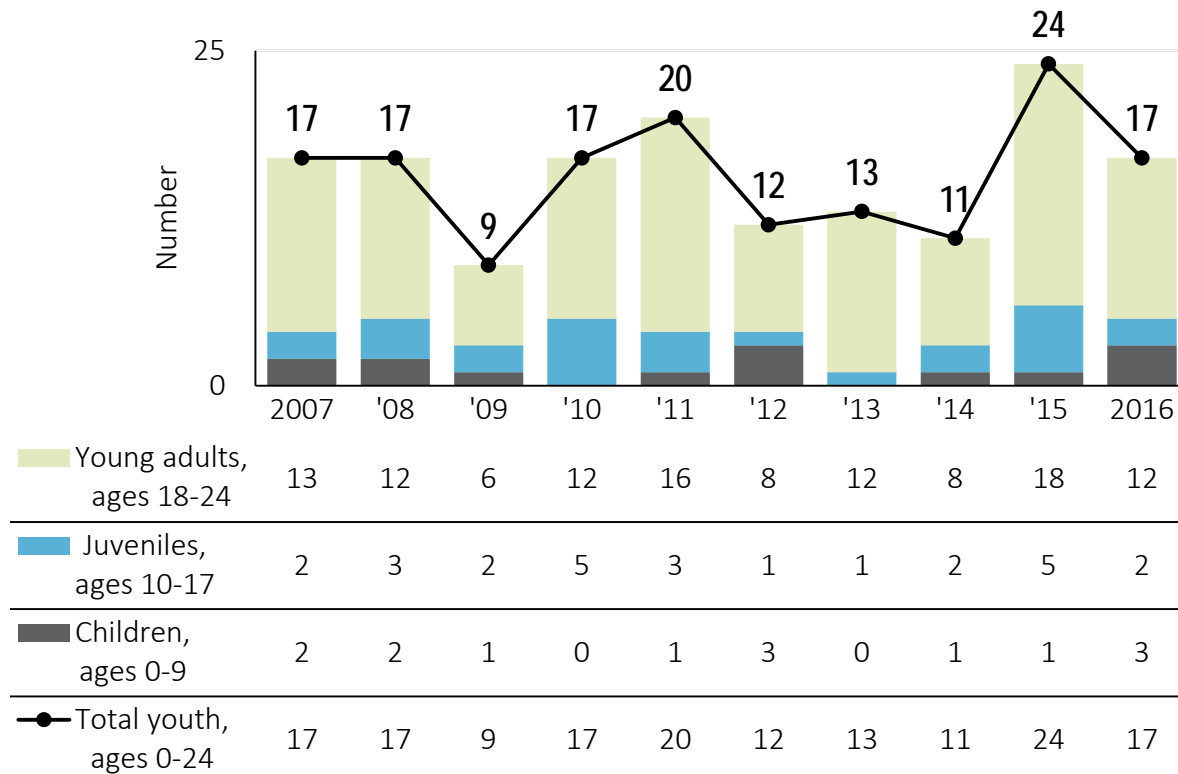
Homicides are defined by underlying cause of death ICD-10 codes: X85-Y09, Y87.1, U01-U02.

*Firearm-related homicide deaths include deaths for which the underlying cause of death or contributing causes of death indicated assault with firearm (ICD-10 codes: X93-X95) or sequelae of assault with the mention of firearm (ICD-10 code: Y87.1; keyword: "gun").

SOURCE: Minnesota vital records

Location-based youth homicides were high in 2015 and 2016 relative to prior years, with 24 and 17 deaths per year, respectively.

Location-based youth homicides, by age subgroup, Minneapolis, 2006-2015



Location-based youth homicides include deaths by homicide within Minneapolis city limits, regardless of the victim's residence.

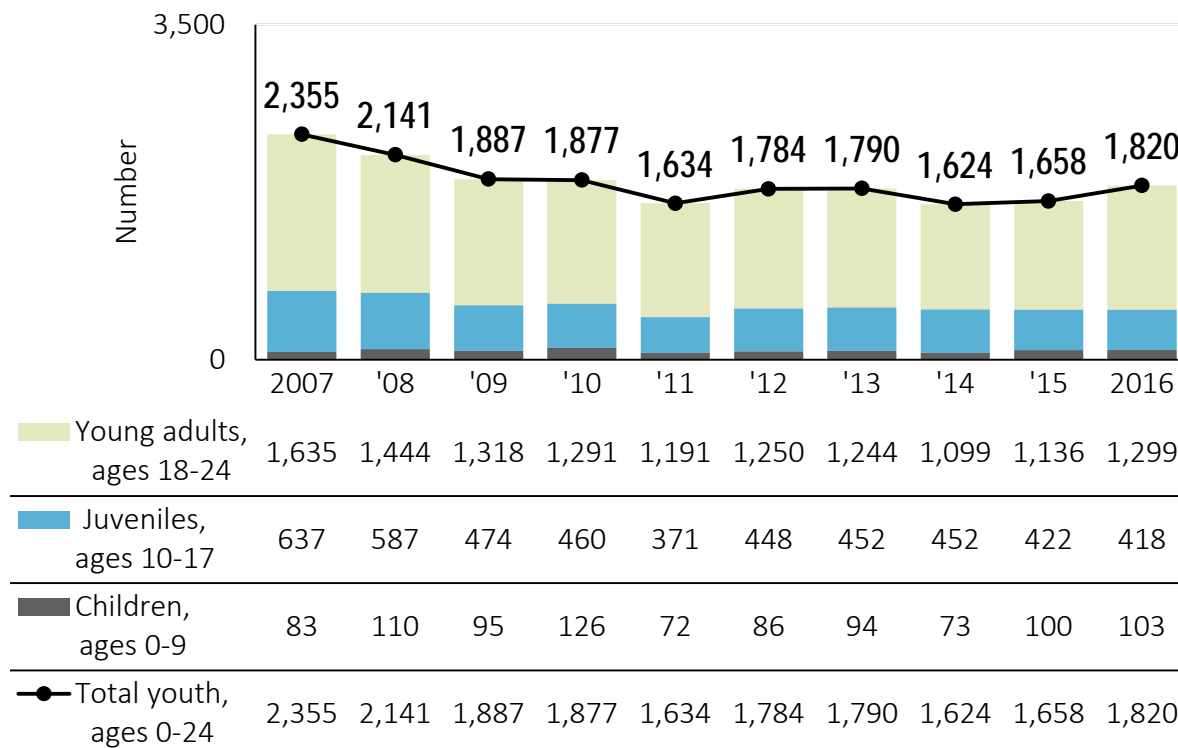
SOURCE: Minneapolis Police Department (MPD)

2. Youth violent crime victims



The number of violent crime victims increased in 2015 and 2016. The increase was evident among young adults and children, but not juveniles.

Violent crime victims,
by age subgroup, Minneapolis, 2007-2016



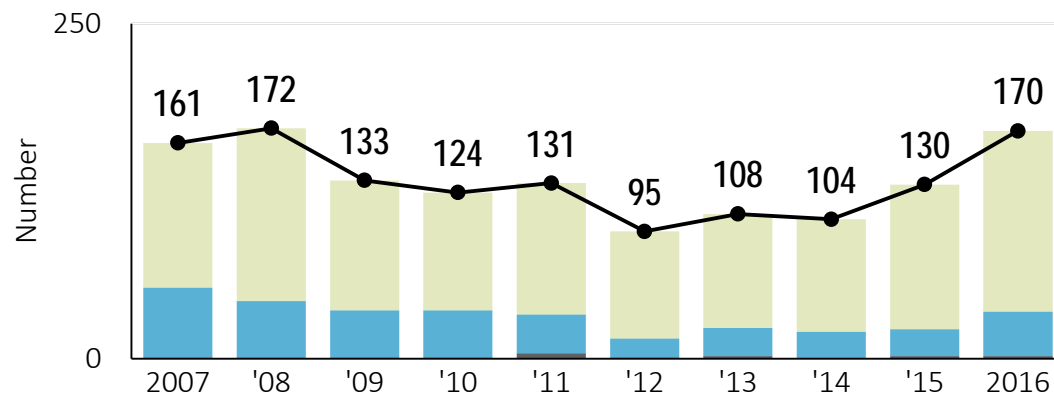
Violent crime includes homicides, rape, robbery, aggravated assaults and domestic aggravated assaults.

SOURCE: Minneapolis Police Department (MPD)

Gunshot victims are a subset of violent crime victims. The number of gunshot victims among youth increased in 2015 and 2016, affecting all age subgroups.

Gunshot victims,
by age subgroup, Minneapolis, 2007-2016

Note: Y-axis
scale change



Young adults, ages 18-24	108	129	97	88	98	80	85	84	108	135
Juveniles, ages 10-17	52	42	35	35	29	14	21	20	20	33
Children, ages 0-9	1	1	1	1	4	1	2	0	2	2
Total youth, ages 0-24	161	172	133	124	131	95	108	104	130	170

Gunshot victims are a subset of violent crime victims.

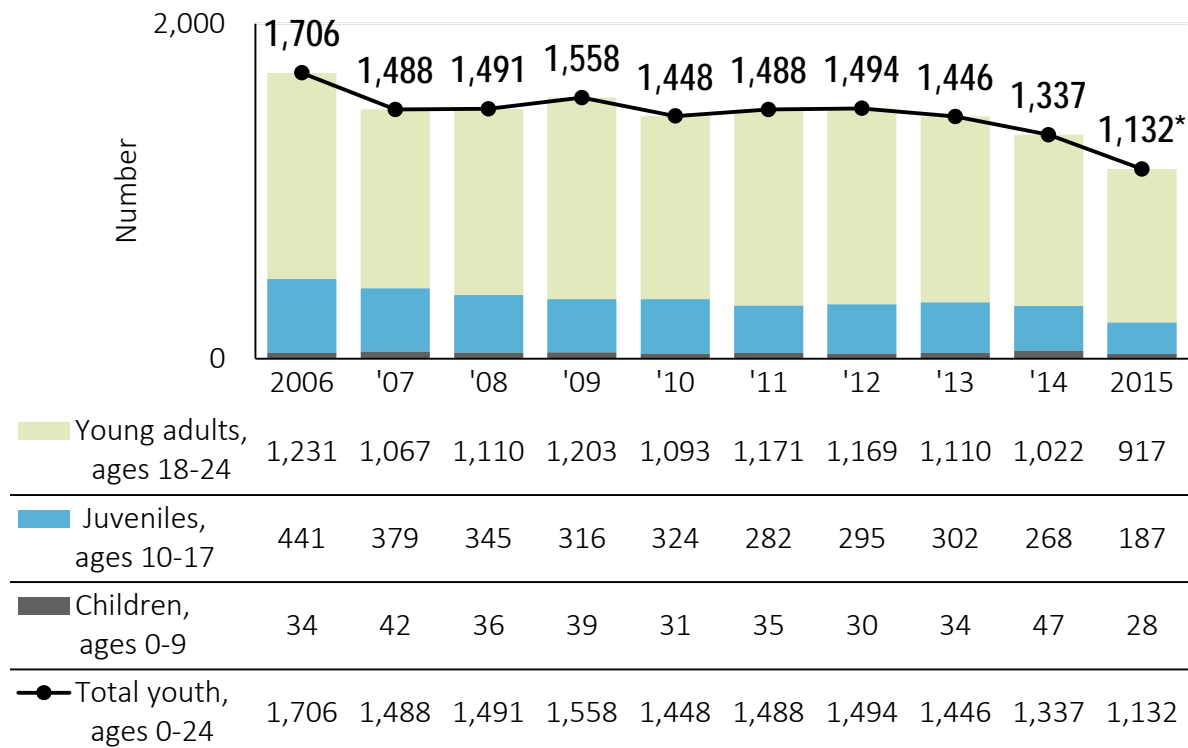
SOURCE: Minneapolis Police Department (MPD)

3. Youth injuries



Injury data among youth residents is based on hospital data. Historically, assault injuries have declined among youth residents.

Assault injuries among youth residents, by age subgroup, Minneapolis, 2006-2015*



Note: Data available only through 2015

*2015 data is preliminary.

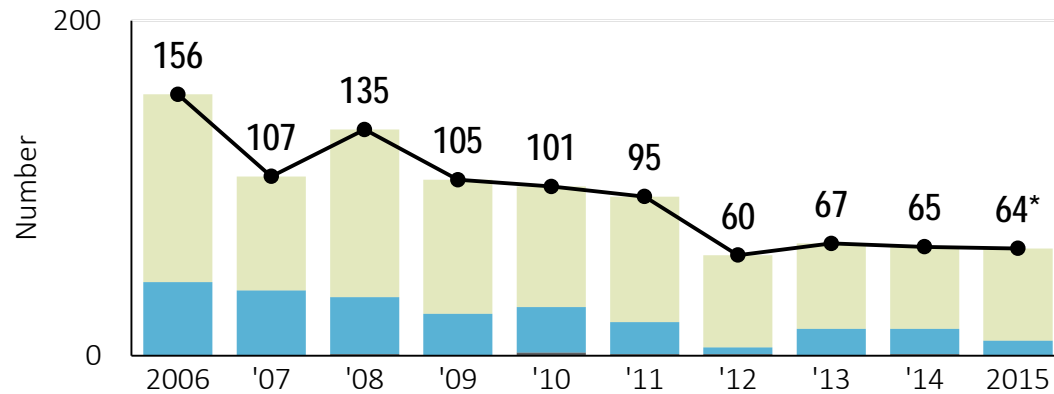
Assault is defined as injury that was caused by someone other than the victim (i.e., not self-inflicted).

SOURCE: Minnesota Hospital Association

Historically, firearm-related assault injuries have also declined and plateaued.

Firearm-related assault injuries among youth residents, by age subgroup, Minneapolis, 2006-2015*

Note: Y-axis scale change



Note: Data available only through 2015

Young adults, ages 18-24	112	68	100	80	72	75	55	51	49	55
Juveniles, ages 10-17	44	39	34	25	27	19	4	16	15	9
Children, ages 0-9	0	0	1	0	2	1	1	0	1	0
Total youth, ages 0-24	156	107	135	105	101	95	60	67	65	64

*2015 data is preliminary.

Assault is defined as injury that was caused by someone other than the victim (i.e., not self-inflicted).

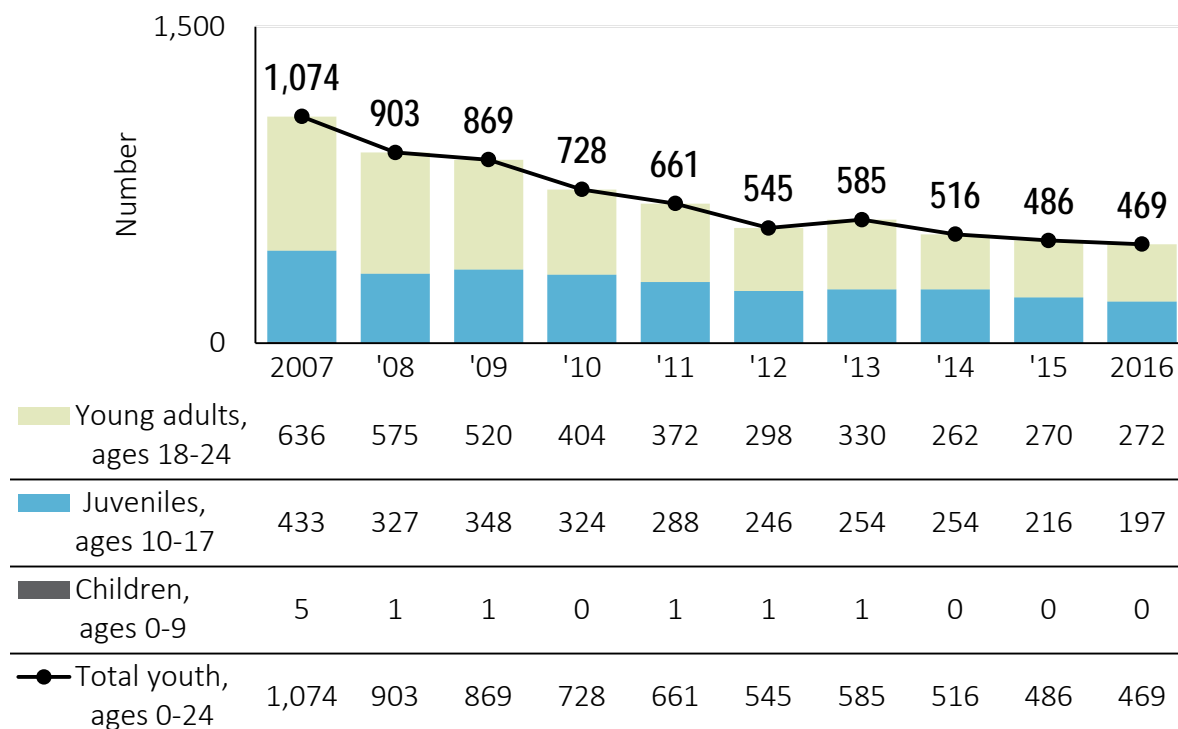
SOURCE: Minnesota Hospital Association

4. Youth arrests



Simple assault arrests among youth continue to decrease. This is evident across all youth age subgroups.

Simple assault arrests,
by age subgroup, Minneapolis, 2007-2016



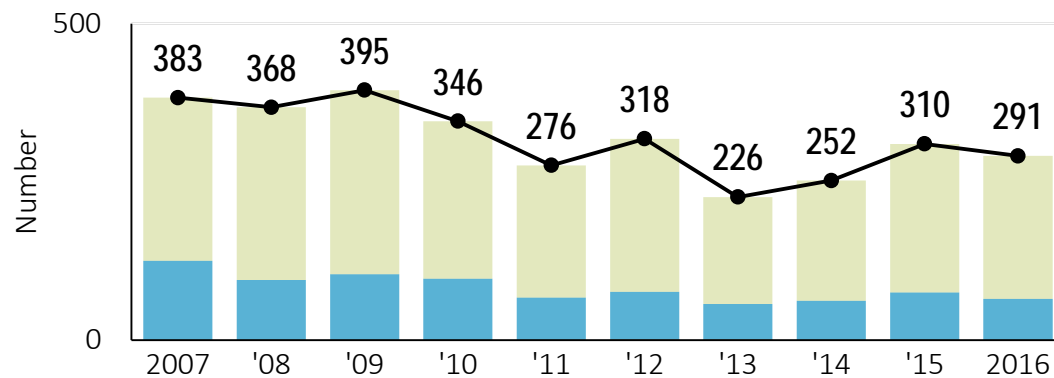
Simple assaults are punishable as a misdemeanor and include assaults which inflict or attempt to inflict injury. They may also include any act intended to cause fear of imminent injury or death. For example, striking someone is assault, as is trying to strike someone.

SOURCE: Minneapolis Police Department (MPD)

From 2007-2013, aggravated assault arrests among youth decreased from 383 to 226. In 2015 and 2016, these arrests were again near/above 300.

Aggravated assault arrests,
by age subgroup, Minneapolis, 2007-2016

Note: Y-axis
scale change



Young adults, ages 18-24	258	273	291	249	209	242	169	190	235	226
Juveniles, ages 10-17	125	95	104	97	67	75	56	62	75	65
Children, ages 0-9	0	0	0	0	0	1	1	0	0	0
● Total youth, ages 0-24	383	368	395	346	276	318	226	252	310	291

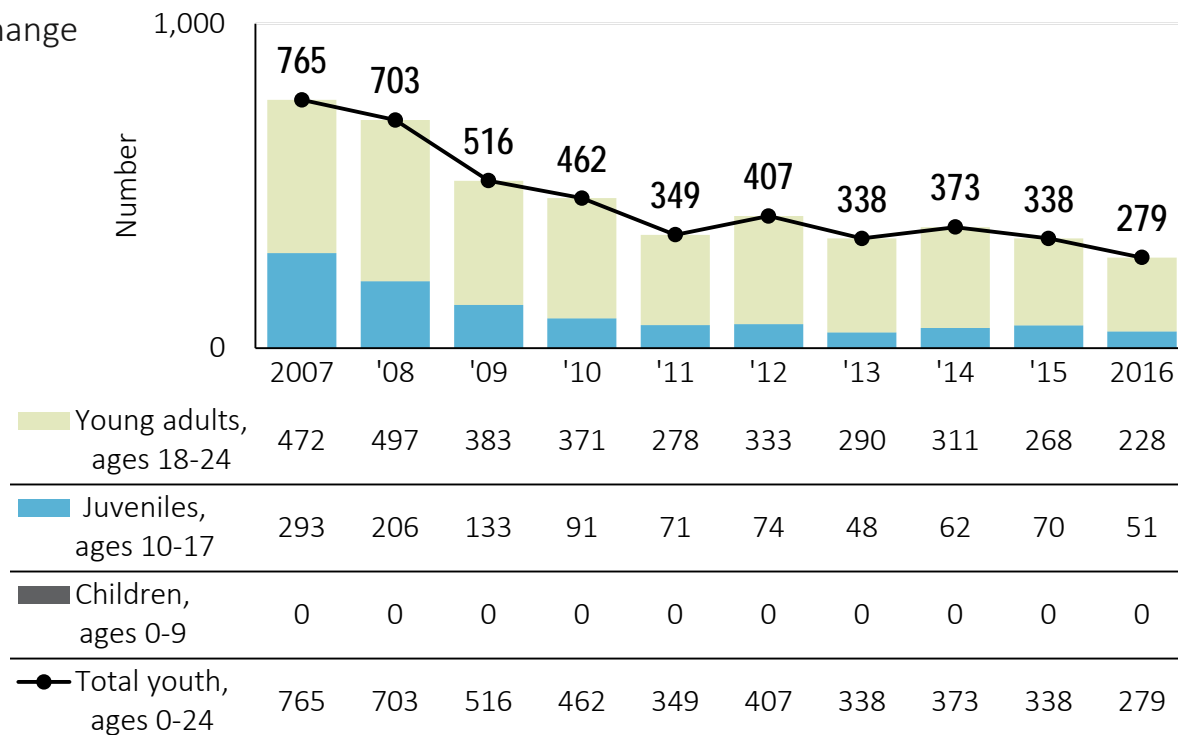
Aggravated assaults are punishable as a felony and include assaults with the intent to kill, rape or rob the victim. Examples include: adulteration/poison, assault with bodily harm (two levels), assault on police or emergency personnel, and domestic assault (three levels).

SOURCE: Minneapolis Police Department (MPD)

Arrests with a gun among youth continue to decrease. This is evident across all youth age subgroups.

Arrests with a gun,
by age subgroup, Minneapolis, 2007-2016

Note: Y-axis
scale change



Arrests with a gun include individuals who were arrested in an incident where a gun was recovered.

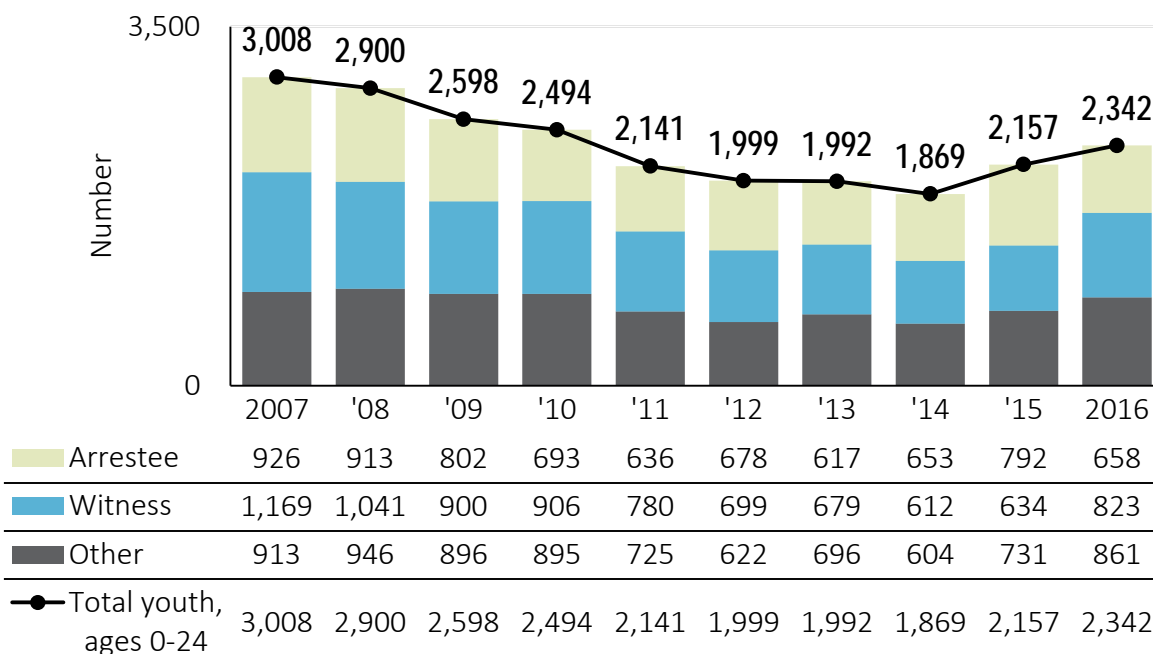
SOURCE: Minneapolis Police Department (MPD)

5. Youth violent crime involvement



Violent crime involvement among youth was higher in 2015 and 2016 relative to prior years.

Violent crime involvement: All youth ages 24 years and under, Minneapolis, 2007-2016

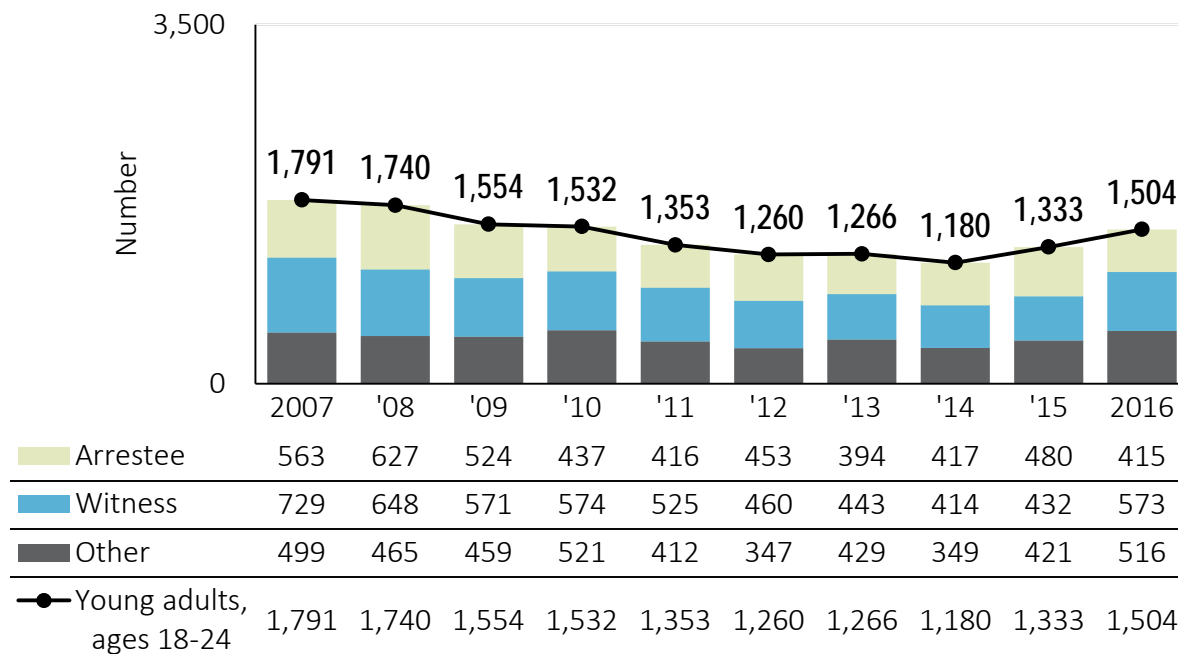


Violent crime includes homicides, rape, robbery, aggravated assaults and domestic aggravated assaults. Suspect data is not included, because there are many cases where the listed age range for a suspect is extremely broad (e.g., 15-50). "Other" role includes people who were present or associated with the incident. They may have been affected by the violent crime, but were not directly involved or victimized.

SOURCE: Minneapolis Police Department (MPD)

This holds true for young adults, ages 18 to 24 years...

Violent crime involvement: Young adults ages 18-24 years, by role, Minneapolis, 2007-2016



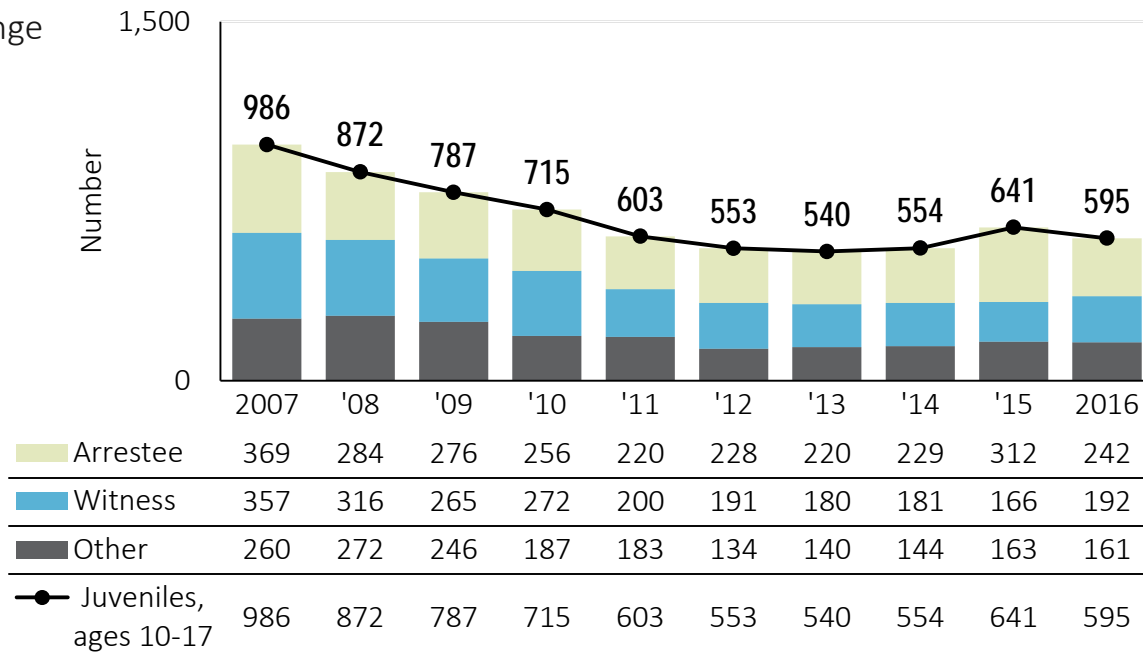
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SOURCE: Minneapolis Police Department (MPD)

...and juveniles, ages 10 to 17 years...

Violent crime involvement: Juveniles ages 10-17 years, by role, Minneapolis, 2007-2016

Note: Y-axis scale change



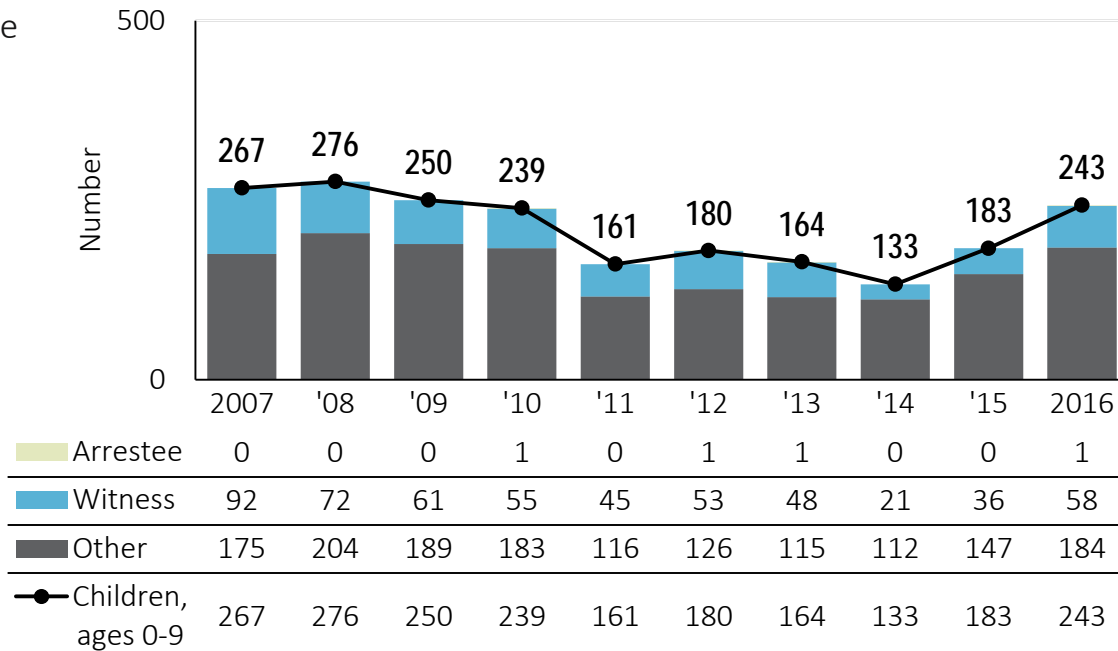
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SOURCE: Minneapolis Police Department (MPD)

...and children, ages 0 to 9 years.

Violent crime involvement: Children ages 0-9 years, by role, Minneapolis, 2007-2016

Note: Y-axis scale change



Violent crime includes homicides, rape, robbery, aggravated assaults and domestic aggravated assaults. Suspect data is not included, because there are many cases where the listed age range for a suspect is extremely broad (e.g., 15-50). "Other" role includes people who were present or associated with the incident. They may have been affected by the violent crime, but were not directly involved or victimized.

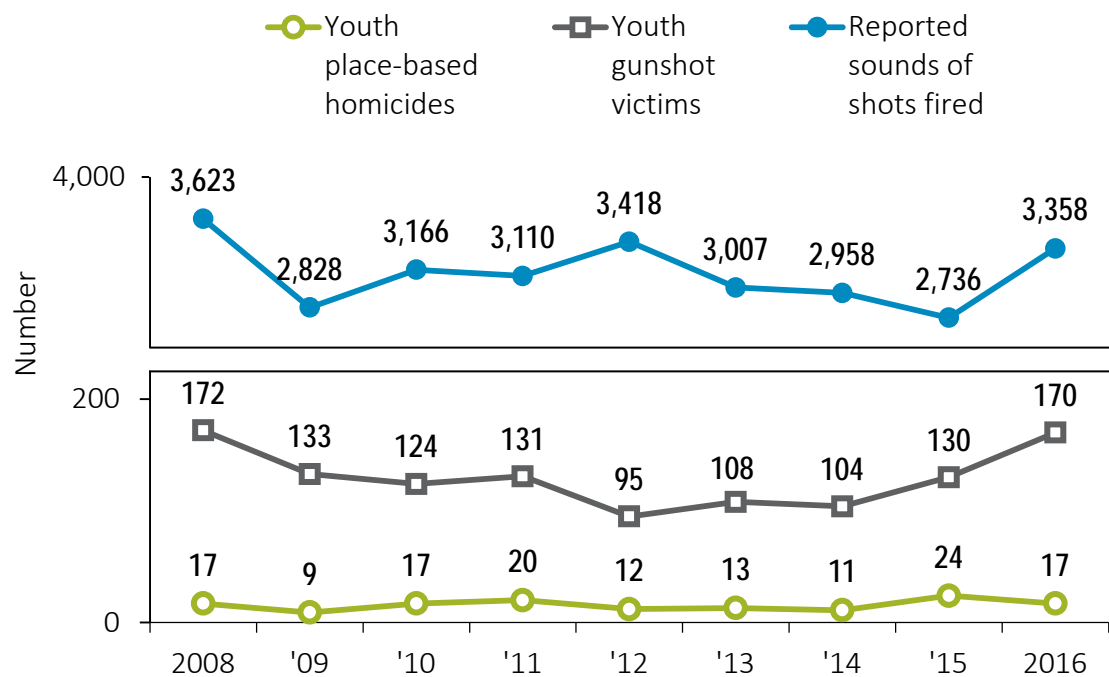
SOURCE: Minneapolis Police Department (MPD)

6. Sounds of shots fired



Reported sounds of shots fired increased from 2,736 in 2015 to 3,358 in 2016. The number of youth gunshot victims rose, but youth homicides did not.

Reported sounds of shots fired,
youth gunshot victims and homicides,
Minneapolis, 2008-2016



Note: Y-axis scale break

Reported sounds of shots fired are based on citizens calling in for service and may result in multiple calls for the same incident.

SOURCE: Minneapolis Police Department (MPD)

Overview of findings

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Firearm-related assault injuries among residents	Hospital	CONTINUED DOWN
Simple assault arrests	Police	CONTINUED DOWN
Arrests with a gun	Police	CONTINUED DOWN

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