The purpose of the quarterly EpiCenter Violence Surveillance Report is to summarize violence-related visits to Emergency Room (ER) and Urgent Care (UC) facilities in Cuyahoga County and the City of Cleveland. ***Please note that reported quarterly data are preliminary and may change due to delayed submissions.***

Violence and Gun Related Visits to the Emergency Room and Urgent Care in Cuyahoga County, January to June 2018

This surveillance report presents aggregate violence and gun violence data from the Health Monitoring System (HMS) EpiCenter platform.

Highlights

3,863 total violence/gun related visits in 6 months

56% of women received treatment for violence-related injury

86% of men received treatment for gunshot-related injury

Figure 1: Number of Violence Related Visits to the ER/UC in Cuyahoga County, January-June 2018

— Number of Visits

Month	Number of Visits
January	485
February	472
March	536
April	575
May	670
June	694

Previous Timeframe:

- January –June 2017: 3,345 visits to the Emergency Room/Urgent Care for violence
- 436 cases represented gun violence
- Metro Health Medical Center treats the highest cases of violence-related emergencies

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CITY OF CLEVELAND
EpiCenter Violence Report

7/20/2018
Version 9

cdph
Cleveland Department of Public Health

Summary

- For the months of January – June 2018, there were a total of 3,863 visits to the Emergency Room (ER) and Urgent Care (UC) for violence (n= 3, 432) and gunshot (n= 431) related care and treatment.
- Violence cases included physical assault, sexual assault, altercations and fighting, domestic partner violence, and victims of crime to name a few.
  - Of the 3,432 **violence-related visits**, 56% were female and 44% were male patients. The youngest cases were under a year old (n=4) and the oldest case was 97 years old. **One hundred twenty-four visits were from patients aged 26, which was the largest single age group.**
  - The highest number of violence related visits occurred in June 2018 with 694 cases (20%) (Figure 1).
- Gunshot cases included gunshot wounds (GSW), accidental discharge from unspecified firearms, and grazed wounds from GSW to name a few.
  - Of the 431 **gunshot related visits**, 14% were female and 86% were male patients. The youngest reported patient was under a year old and the oldest patient was 118 years old. **More visits occurred for patients ages 20, 22, and 27 years old with 25 (6%) cases each age.**
  - The highest number of gunshot related visits occurred in May 2018 with 91 (21%) ER/UC visits.
- Metro Health Medical Center in Cleveland, OH treated the highest number of violence and gunshot related injuries with 699 (20%) and 207 (48%) visits, respectively. University Hospital Cleveland Medical Center in Cleveland, OH treated the second highest number of violence and gunshot related injuries with 459 (13%) and 58 (13%) visits, respectively.

Cases	Female	Male	Total
Violence/Assault	n= 1920 (56%)	n= 1512 (44%)	n= 3432 (89%)
GSW	n = 372 (86%)	n = 59 (14%)	n= 431 (11%)

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Figure 2: Number of Violence-Related Visits to the ER/UC in Cuyahoga County, by Age Range and Gender, January-June 2018
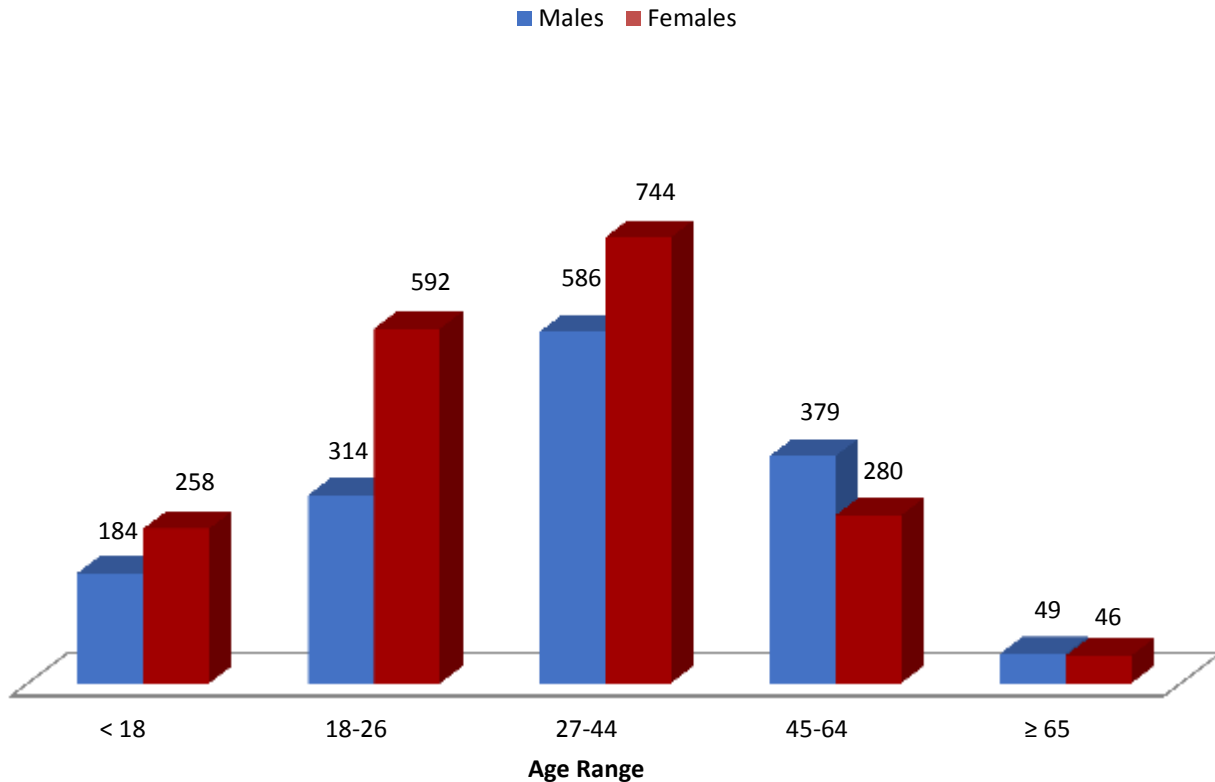
Sheena Fryerson,MPH
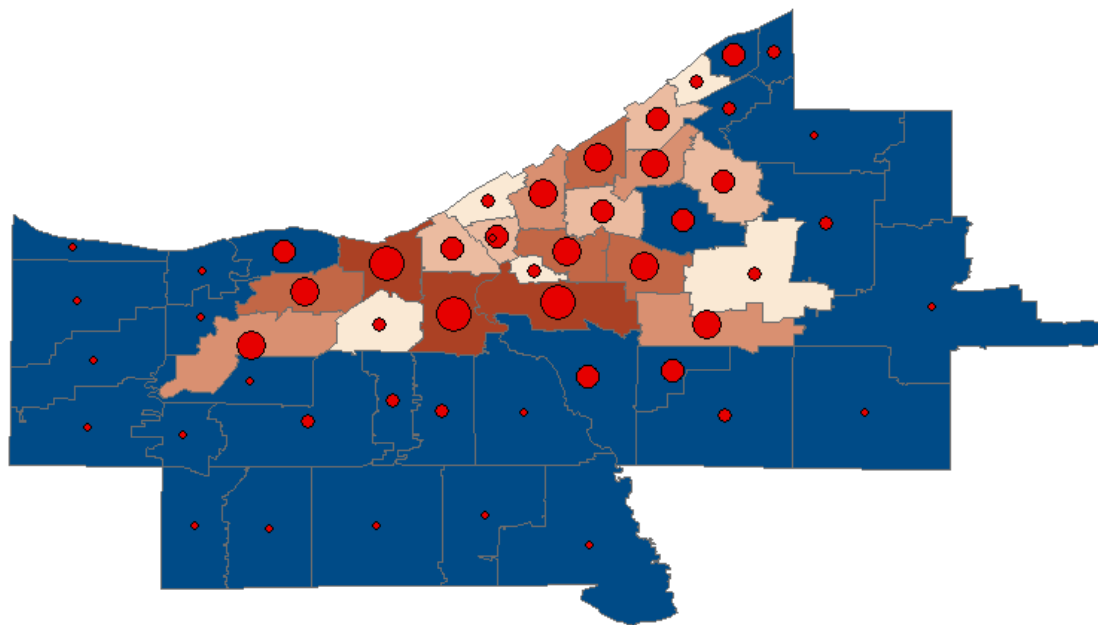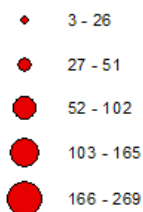**[sfryerson@city.cleveland.oh.us]**
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Page 3 of 8

Figure 3: Number of Violence Related ER/UC Visits by Zip Code

Gun-Related ER/UC Visits
- 3 - 26
- 27 - 51
- 52 - 102
- 103 - 165
- 166 - 269

Cleveland City Gun Related ER/UC Visits
- 8 - 51
- 52 - 102
- 103 - 135
- 136 - 165
- 166 - 269
- Cuyahoga County

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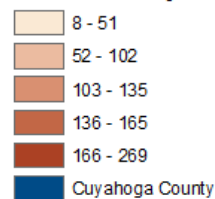**75 Erieview Plaza, 3rd Floor**
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Figure 4: Number of Gunshot Related Visits to the ER/UC in Cuyahoga County, January - June 2018

◆ Number of Visits

69
54
62
70
91
85

January February March April May June

Month

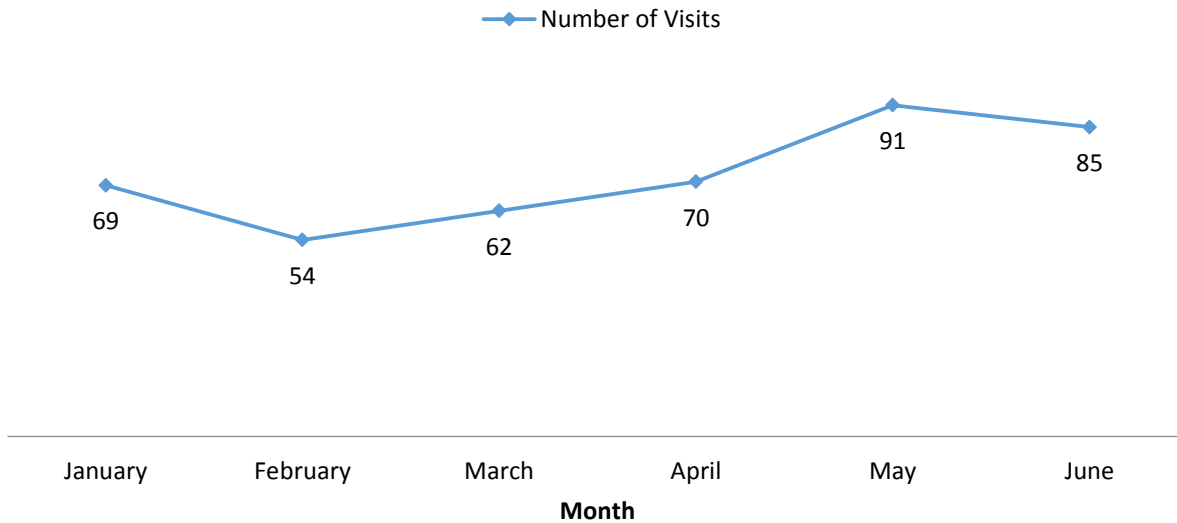**Figure 5: Number of Gun-Related Visits to the ER/UC in Cuyahoga County, by Age Range and Gender, January - June 2018**

■ Males ■ Females

Age Range	Males	Females
< 18	30	8
18-26	145	17
27-44	148	27
45-64	31	3
≥ 65	18	4

Age Range

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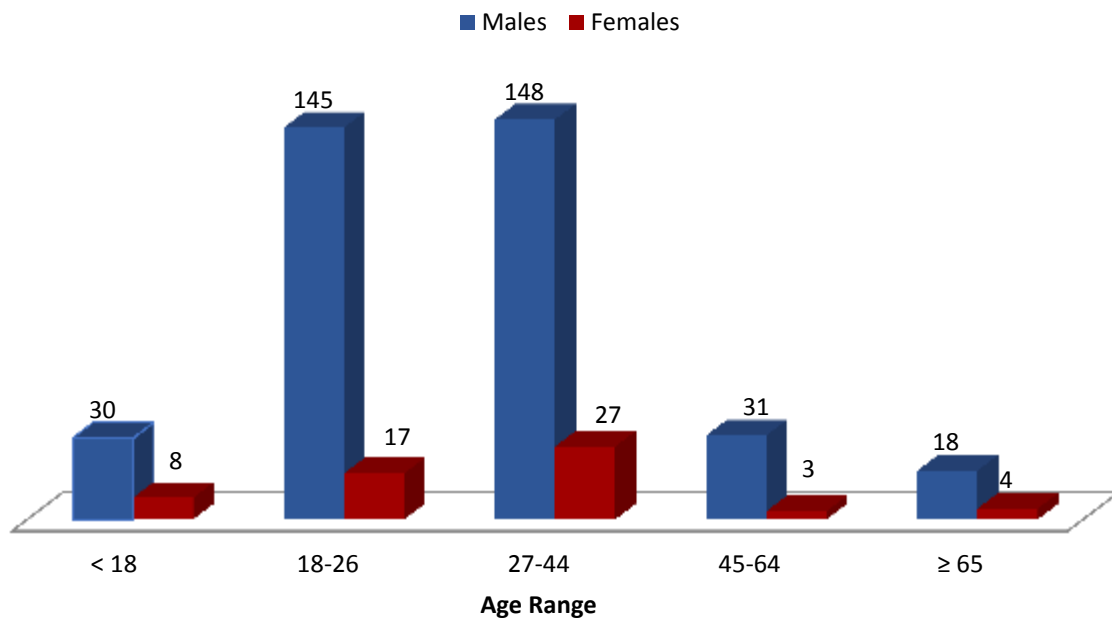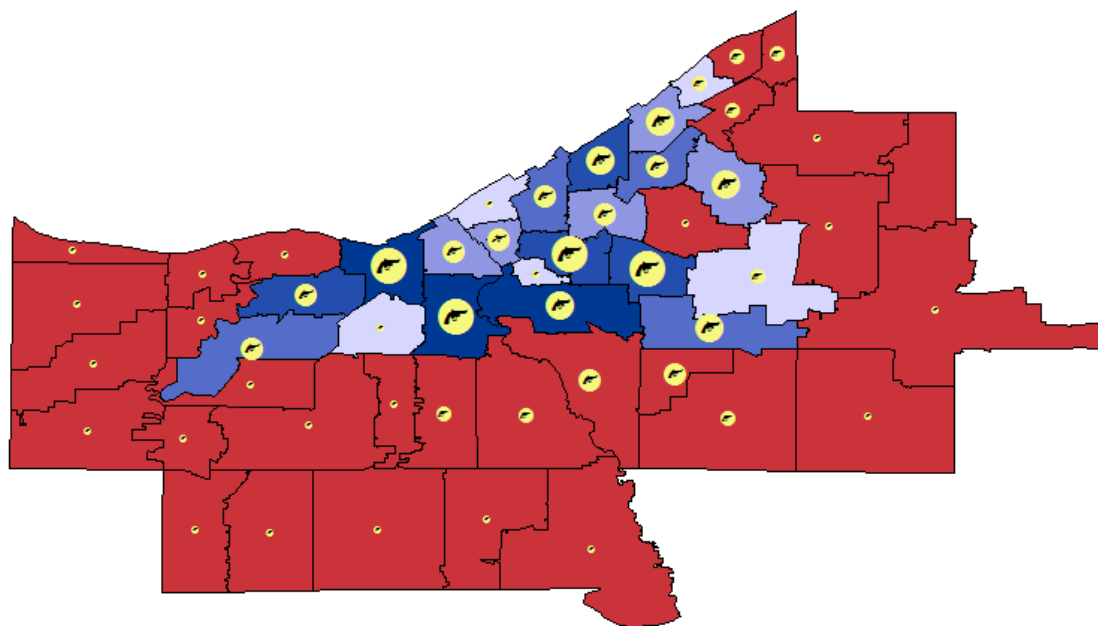**Cleveland, Ohio 44114**
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Figure 6: Number of Gunshot-Related ER/UC Visits by Zip Code

Gun-Related ER/UC Visits

- · 0 - 3
- 4 - 8
- 9 - 15
- 16 - 26
- 27 - 44

Cleveland City Gun Related ER/UC Visits

- 8 - 51
- 52 - 102
- 103 - 135
- 136 - 165
- 166 - 269
- Cuyahoga County

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Table 1: Number of Violence and Gun Related Visits to the ER/UC by Zip Code

(City of Cleveland Zip Codes highlighted in blue)

Cuyahoga County	Violence-Related Visits	Gun Violence related visits	Cuyahoga County	Violence-Related Visits	Gun Violence related visits
44017	16	1	44124	29	1
44022	4	0	44125	67	15
44070	21	1	44126	16	0
44101	8	1	44127	41	3
44102	269	44	44128	125	19
44103	135	13	44129	37	1
44104	162	28	44130	44	3
44105	242	26	44131	18	8
44106	91	12	44132	45	7
44107	95	3	44133	15	1
44108	163	21	44134	49	4
44109	223	32	44135	118	15
44110	102	19	44136	18	1
44111	165	14	44137	81	14
44112	126	15	44138	20	3
44113	65	10	44139	7	0
44114	51	2	44140	3	0
44115	98	14	44141	4	0
44116	6	0	44142	19	0
44117	41	4	44143	26	1
44118	76	2	44144	41	1
44119	44	5	44145	16	0
44120	159	30	44146	47	4
44121	74	18	44147	6	0
44122	32	5	44149	5	0
44123	67	8			

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Method, Source and Contact Information

Methods

Data from the Ohio Department of Health Epicenter Surveillance System was used to extract violence and gunshot data from January to June 2018. SAS® Enterprise Guide Statistical Software was used to conduct descriptive statistics and ArcMap (ArcGIS Desktop) was used to symbolize place of residence of cases by zip code.

These numbers do not reflect all gunshot and violence data for Cuyahoga County. Please note that reported quarterly data are preliminary and may change due to delayed submissions.

For questions regarding this EpiCenter Surveillance Report, please call Sheena Fryerson at 216-664-4257 or mailto:sfryerson@city.cleveland.oh.us

**Sources: Health Monitoring Systems (HMS) EpiCenter
https://www.hmsinc.com/service/epicenter.html**

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Page 8 of 8