

This preliminary data summary has been developed to provide recent trends in suicide deaths using preliminary 2020 vital statistics mortality data. Comparisons are made to finalized mortality data from 2010 to 2019. This summary will be updated monthly as mortality data for 2020 continues to be received. The previously published report, [Suicide Demographics and Trends, Ohio, 2019](#), provides more detailed information on finalized data.

Data Notes

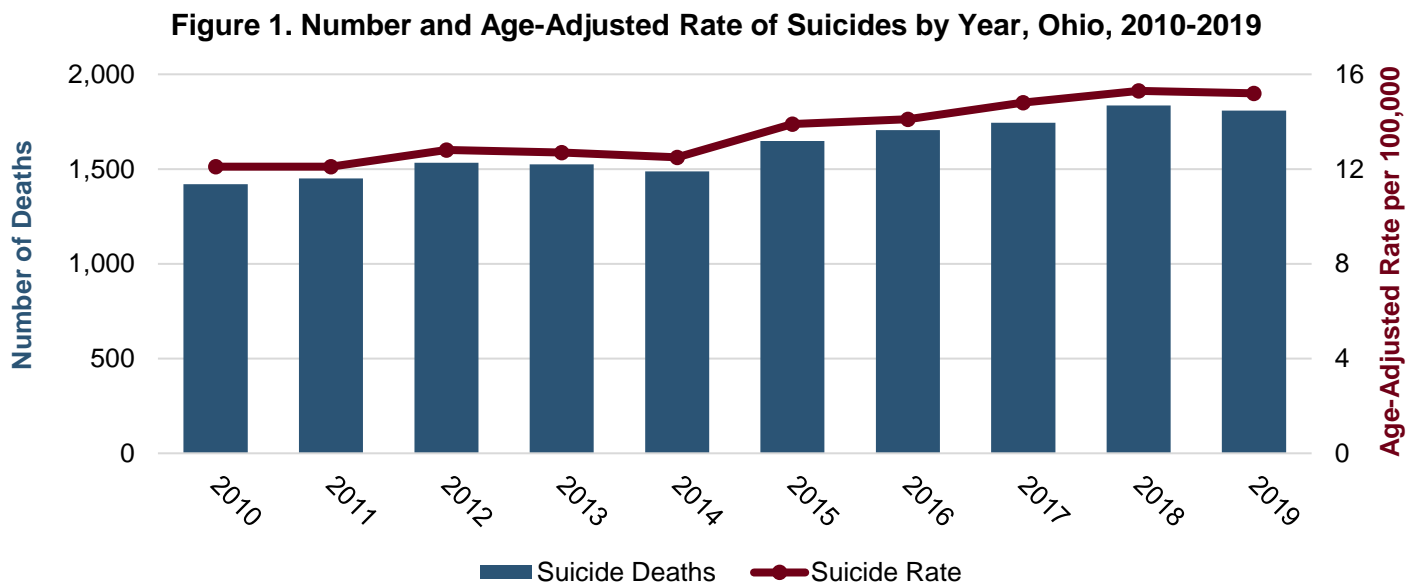
Coroners have six months to complete death investigations and report death certificates; therefore, valid state vital statistics data indicating cause of death for recent (2020) deaths is incomplete, but most notably for recent months. Therefore, all 2020 data presented is for deaths that occurred from January through August.

Mortality data in this summary comes from the Ohio Department of Health (ODH) Bureau of Vital Statistics. Analysis was conducted by the ODH Violence and Injury Prevention Section. Data presented below includes Ohio residents who died due to suicide (underlying cause of death ICD-10 codes X60-X84, Y87.0, *U03). Suicide rates presented for youth (ages 10-24) are age-specific; death rates presented for total suicides are age-adjusted to the 2000 U.S. standard population to allow a comparison of the overall risk of dying between different populations.

2020 preliminary data was updated on Feb. 25, 2021.

Suicide – All Ages

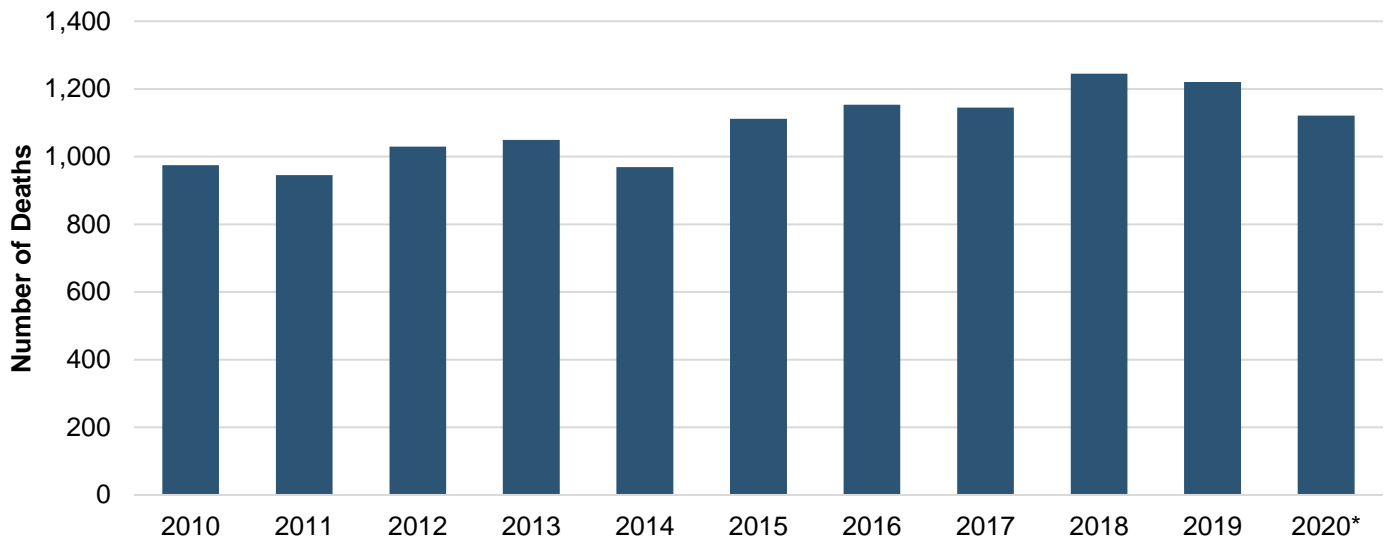
Finalized Data – Historic Trends



- In 2019, suicide was the second leading cause of death among Ohioans 10-34 years of age and the 11th leading cause of death in Ohio overall.
- While there was a 27% increase in the number of suicide deaths from 2010 to 2019, from 2018 to 2019, the number of suicide deaths decreased 1%, and the suicide rate decreased less than 1%.

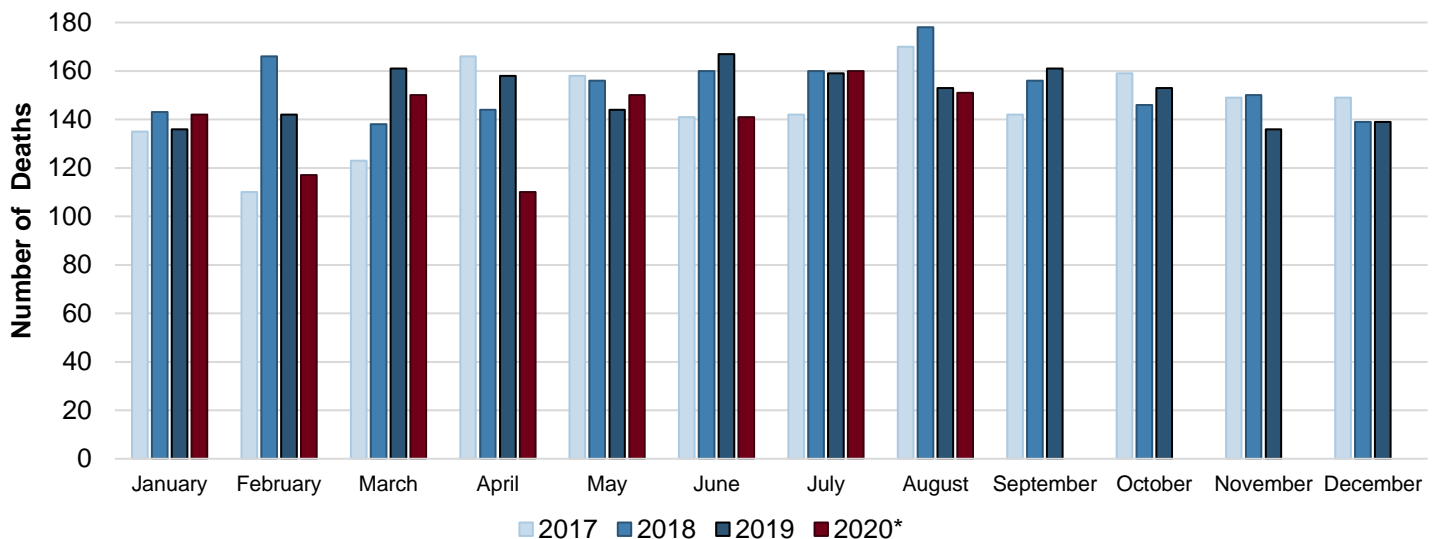
Preliminary Data – Current Trends

Figure 2. Number of Suicides From January-August by Year, Ohio, 2010-2020*



- As of Feb. 25, 2021, there have been 1,121 suicides reported from January to August of 2020. While this is preliminary data, 2020 deaths are currently lower than deaths reported for the corresponding time period in the previous four years. This represents a 10% decrease from 2018 (1,245 suicides) and an 8% decrease from 2019 (1,220 suicides).

Figure 3. Number of Suicides by Month and Year, Ohio, 2017-2020*



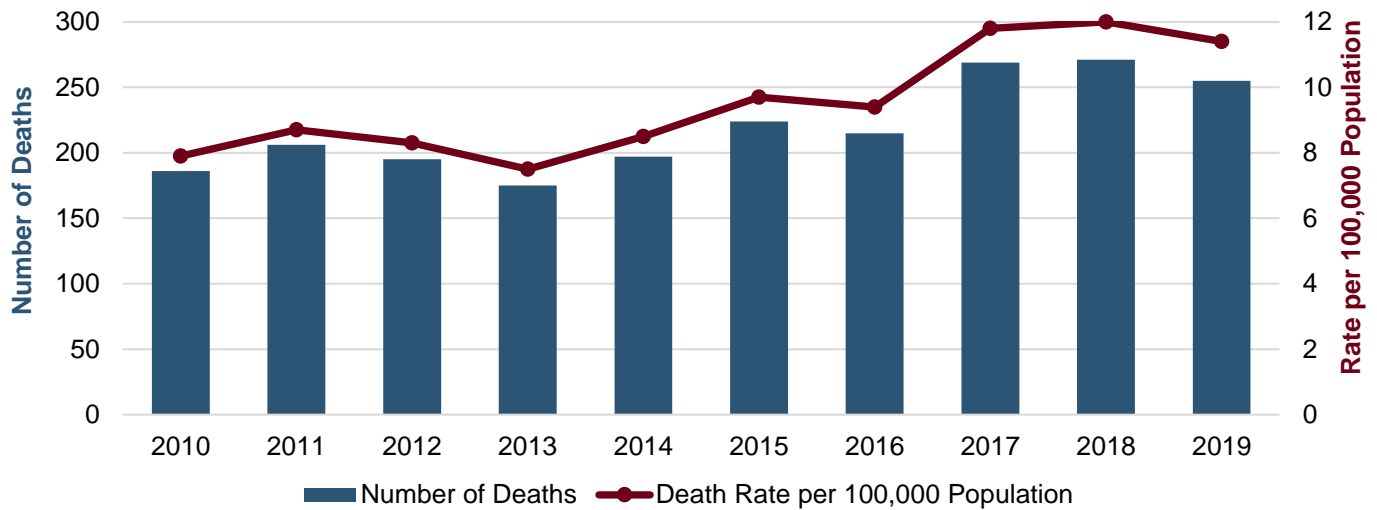
- The figure above shows the number of suicides by month and year and illustrates how suicide deaths fluctuate month to month.
- When comparing deaths per month by year, July was the only month for which 2020 had the highest number of deaths. (For July, 2018 and 2020 both had 160 deaths.)

*Preliminary 2020 data presented includes deaths that occurred from January through August.

Youth Suicide – Ages 10-24 Years

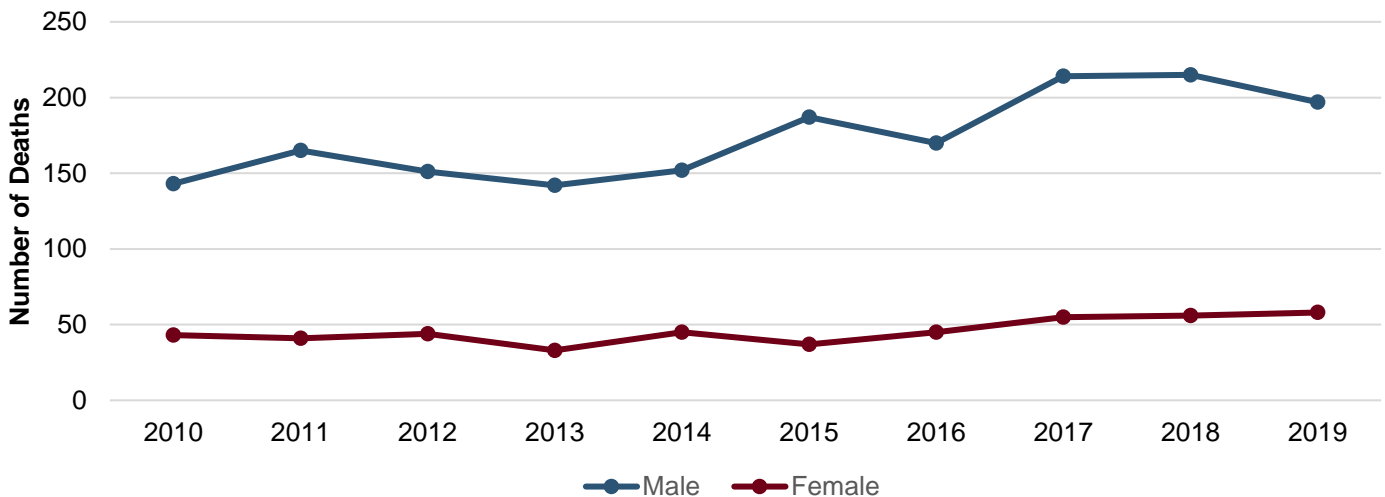
Finalized Data – Historic Trends

Figure 4. Number and Rate of Suicides Among Youth (Ages 10-24) by Year, Ohio, 2010-2019



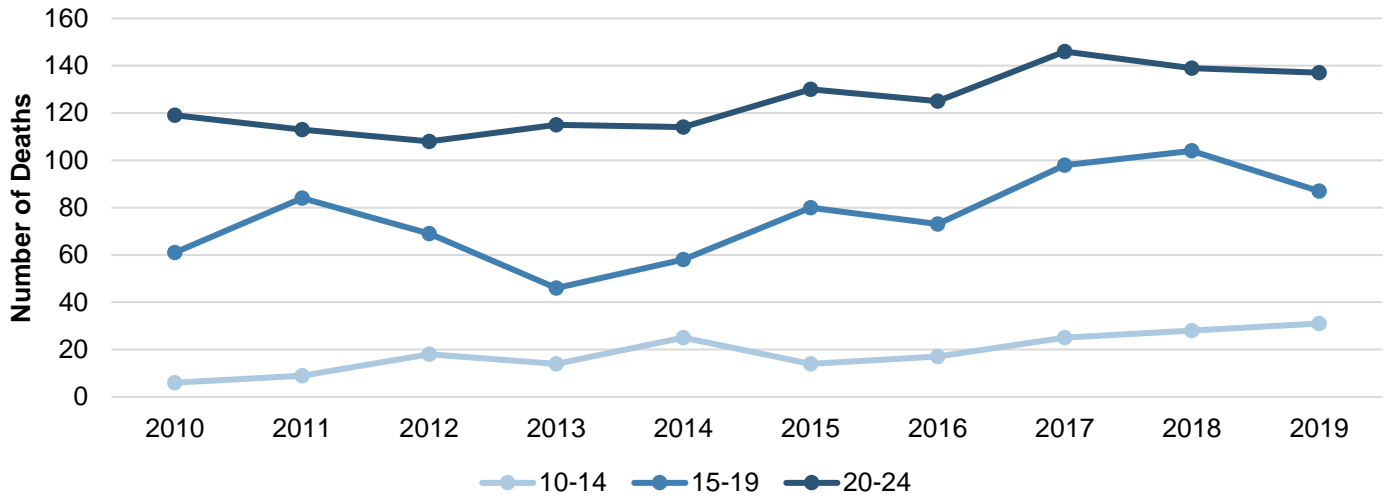
- From 2010 to 2019, the number and rate of youth suicide (ages 10-24) increased overall (37% and 44%, respectively). However, from 2018 to 2019, the rate of youth suicide decreased 5.0% (12.0 to 11.4 per 100,000).

Figure 5. Number of Suicides Among Youth (Ages 10-24) by Sex and Year, Ohio, 2010-2019



- On average, from 2010 to 2019, male youth (ages 10-24) were nearly four times more likely to die by suicide when compared with their female counterparts. During this time period, male youth suicides increased 38% and female youth suicides increased 35%.

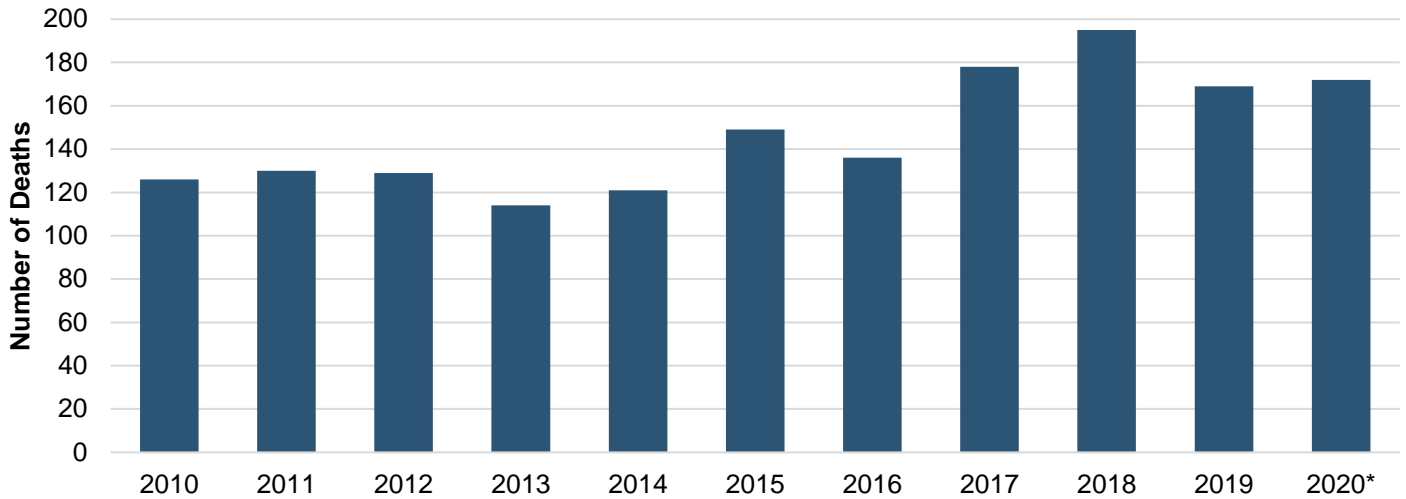
Figure 6. Number of Suicides Among Youth (Ages 10-24) by Age and Year, Ohio, 2010-2019



- On average, from 2010-2019, Ohioans 20-24 years of age have accounted for 57% of all youth suicides (ages 10-24).
- From 2010-2019, suicides increased 417% among Ohioans 10-14 years of age (from six suicides to 31 suicides), 43% among Ohioans 15-19 years of age (from 61 suicides to 87 suicides), and 15% among Ohioans 20-24 years of age (from 119 to 137 suicides).

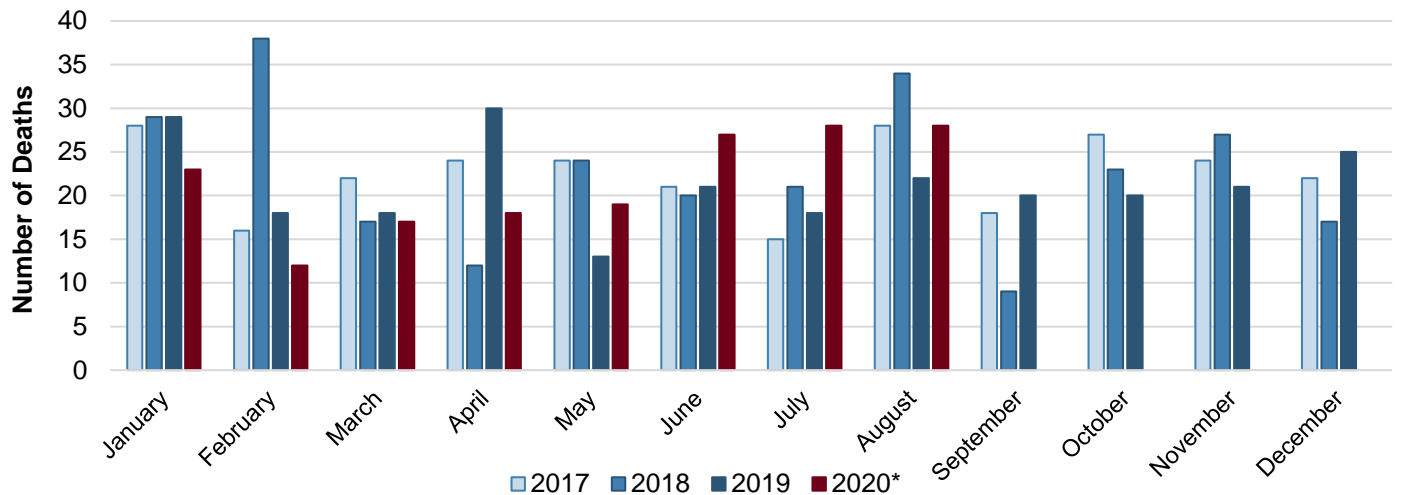
Preliminary Data – Current Trends

Figure 7. Number of Suicides Among Youth (Ages 10-24) from January - August by Year, Ohio, 2010-2020*



- As of Feb. 25, 2021, there have been 172 youth suicides reported from January to August of 2020. While this is preliminary data, it is slightly higher than the number of youth suicides reported during this time period in 2019 (169 youth suicides from January-August).

Figure 8. Number of Suicides Among Youth (Ages 10-24) by Month and Year, Ohio, 2017-2020*



- Youth suicides increased between February and August of 2020.
- When comparing deaths per month by year, June and July were the only months for which 2020 had the highest number of deaths.

*Preliminary 2020 data presented includes deaths that occurred from January through August.

Figure 9. Number of Suicides Among Youth (Ages 10-24) by Month and Sex, Ohio, 2019-2020*

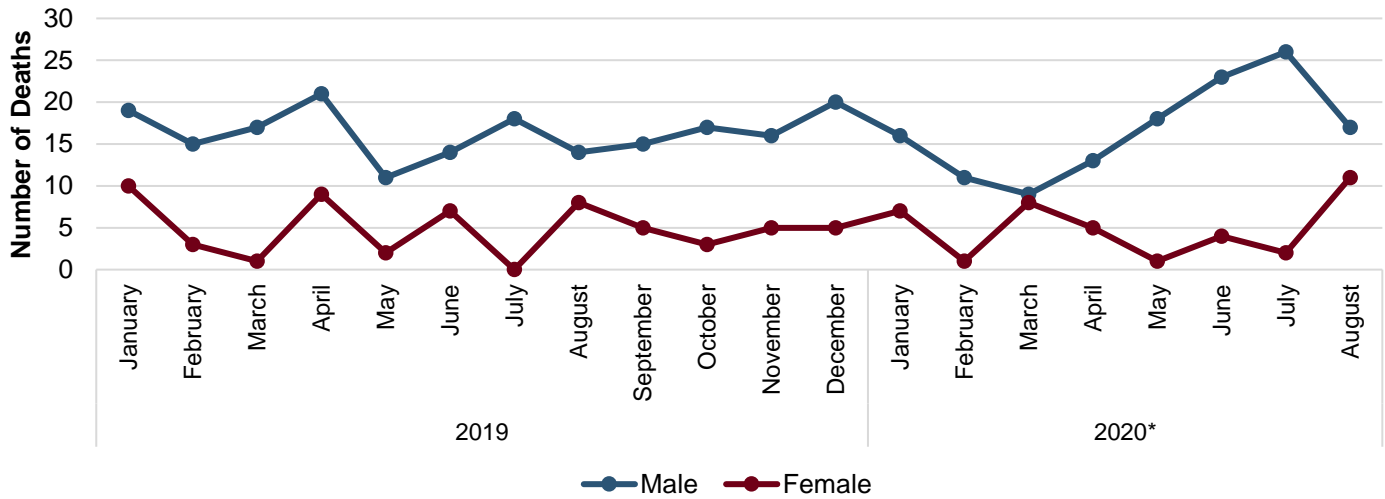
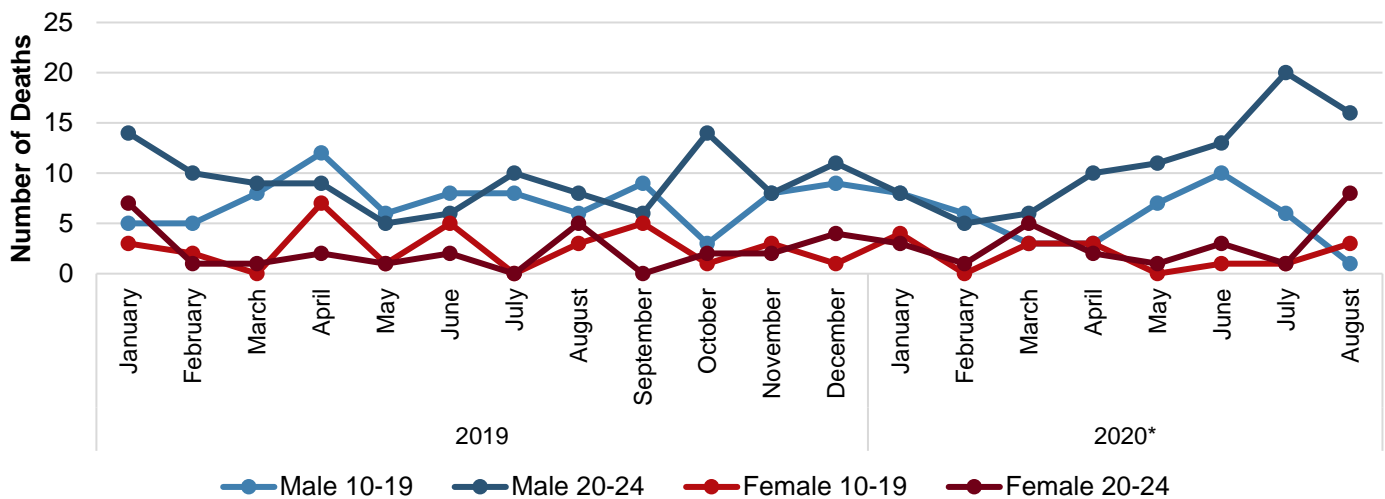


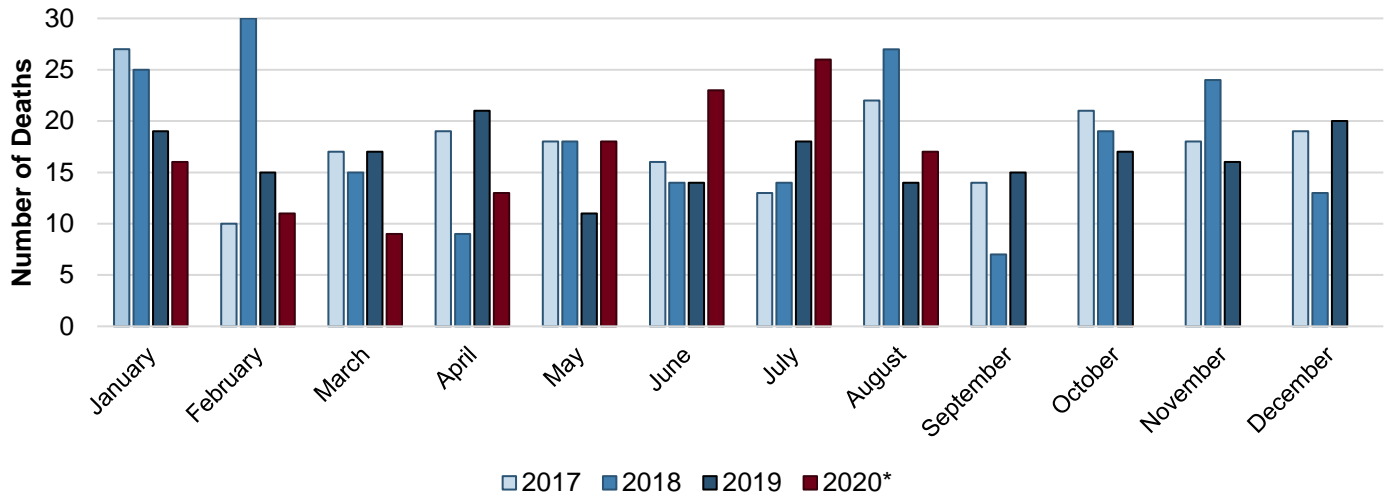
Figure 10. Number of Suicides Among Youth (Ages 10-24) by Month and Sex/Age Group, Ohio, 2019-2020*



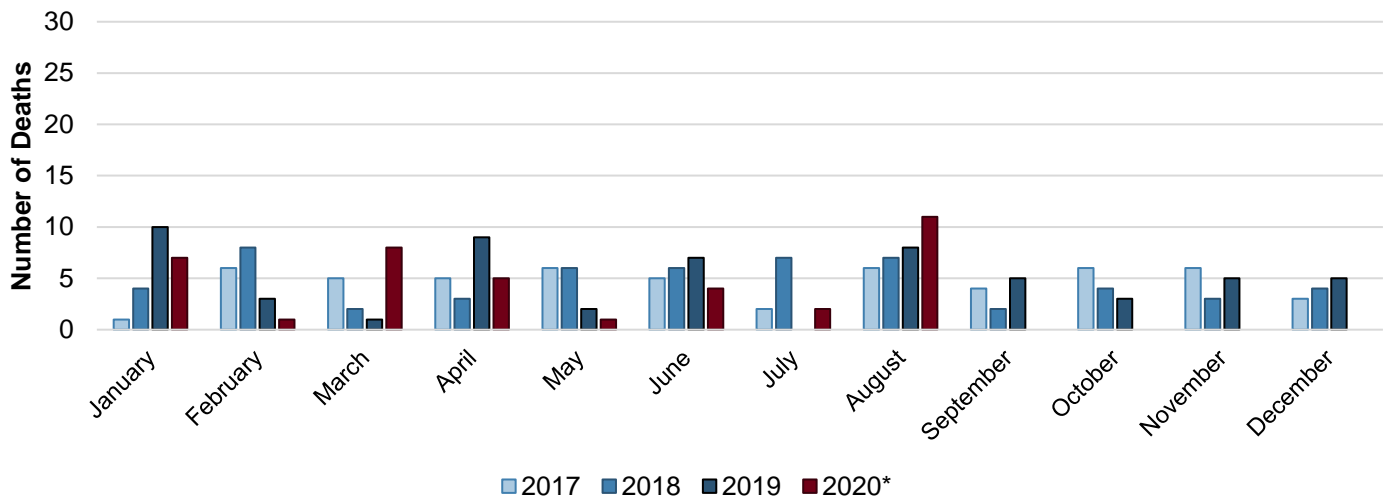
- The overall increases in youth suicide observed in June and July were largely driven by males. Since March 2020, suicides among males 20-24 years of age were higher compared with males 10-19 years.
- Suicide among males 20-24 years of age increased from February 2020 to a high in July 2020. At 20 deaths reported to date, July 2020 had the highest number of suicides among this demographic, based on mortality data available in the Ohio Public Health Information Warehouse, which dates to 2007.
- The overall increase in female youth suicide observed in August was driven by females 20-24 years of age.
- At eight deaths reported to date, August 2020 had the highest number of suicides among females 20-24 years of age, based on mortality data available in the Ohio Public Health Information Warehouse, which dates to 2007.

*Preliminary 2020 data presented includes deaths that occurred from January through August.

**Figure 11. Number of Suicides Among Male Youth (Ages 10-24)
by Month and Year, Ohio, 2017-2020***



**Figure 12. Number of Suicides Among Female Youth (Ages 10-24)
by Month and Year, Ohio, 2017-2020***



*Preliminary 2020 data presented includes deaths that occurred from January through August.