

This preliminary data summary has been developed to provide recent trends in suicide deaths using preliminary 2021 vital statistics mortality data. Comparisons are made to finalized mortality data from 2011 to 2020. This summary will be updated monthly as additional mortality data for 2021 is received. The previously published report, [Suicide Demographics and Trends, Ohio, 2020](#), provides more detailed information about 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 2021 deaths is incomplete, most notably for recent months.

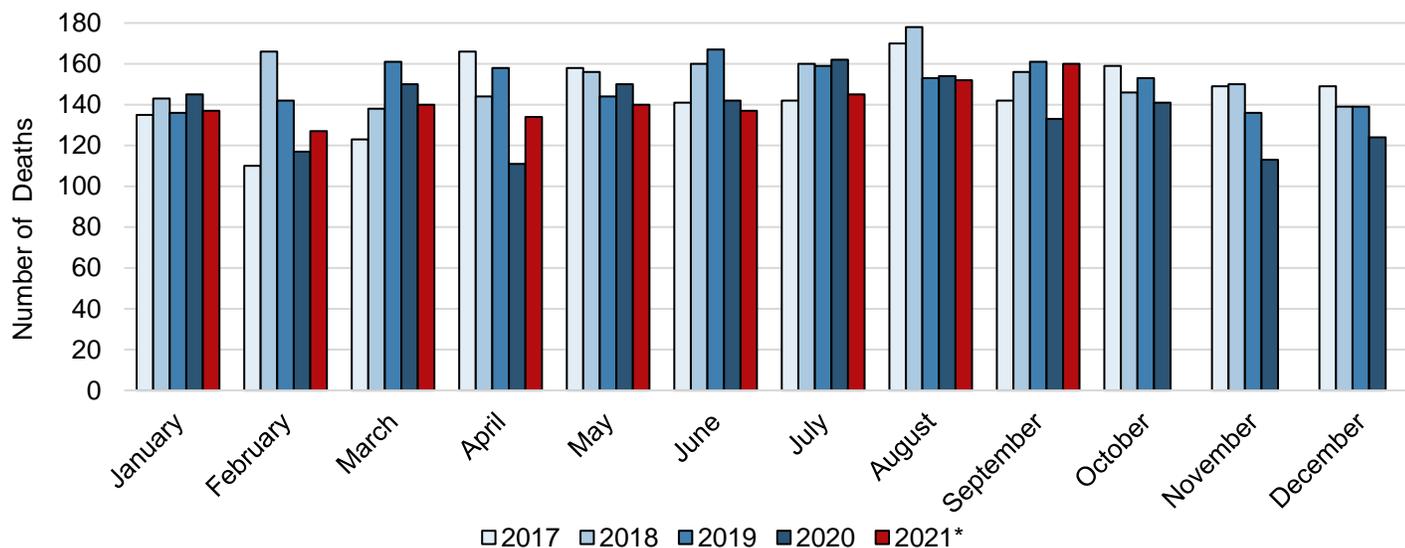
Mortality data in this summary comes from the Ohio Department of Health (ODH) Bureau of Vital Statistics. Analysis was conducted by the ODH Violence and Injury Epidemiology and Surveillance Section. Data presented below includes Ohio residents who died due to suicide (underlying cause of death International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

*2021 preliminary data was updated on April 5, 2022.

Suicide

Monthly Trends

Figure 1. Number of Suicide Deaths by Month and Year, Ohio, 2017-2021*



- The figure above shows the number of suicide deaths by month and year and illustrates how suicide deaths fluctuate from month to month.
- When comparing deaths per month by year, January (145 deaths) and July (162 deaths) were the only months for which 2020 had the highest number of deaths. In 2021, suicide deaths were higher in February (127 deaths), April (134 deaths), and September (160 deaths) compared with the same months in 2020.

Figure 2. Number of Suicide Deaths Among the White Non-Hispanic Population by Month, Ohio, 2019-2021*

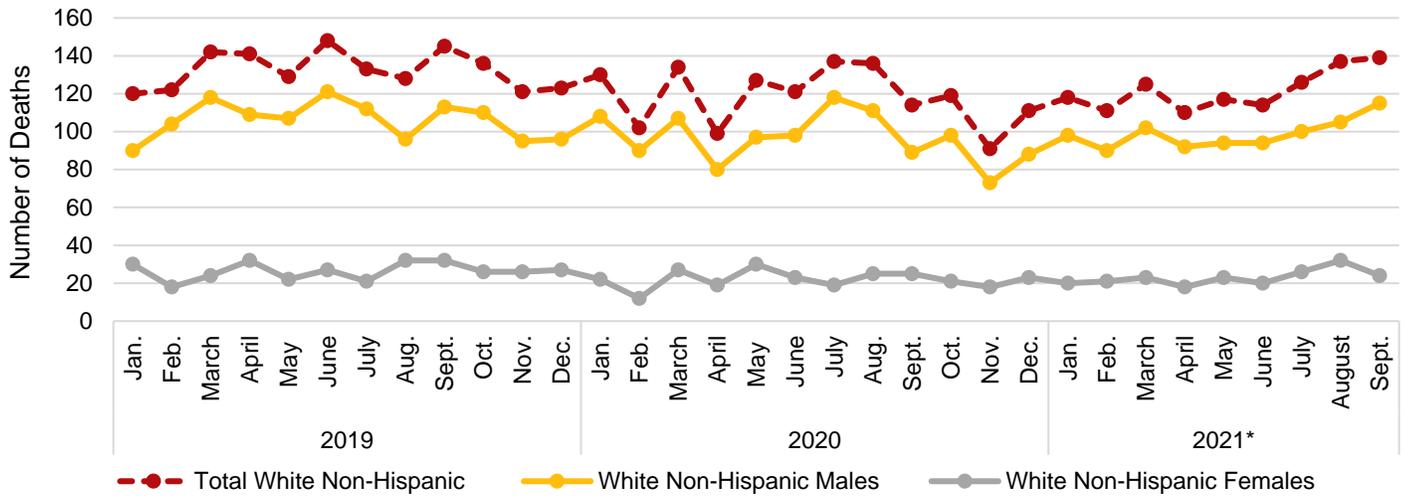


Figure 3. Number of Suicide Deaths Among the Black Non-Hispanic Population by Month, Ohio, 2019-2021*

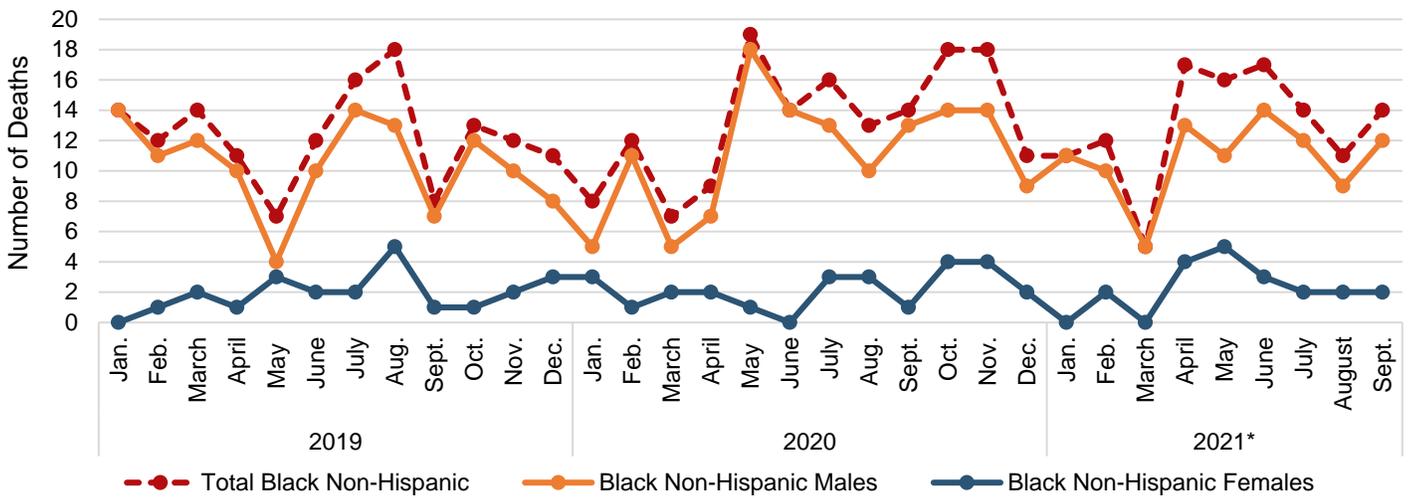
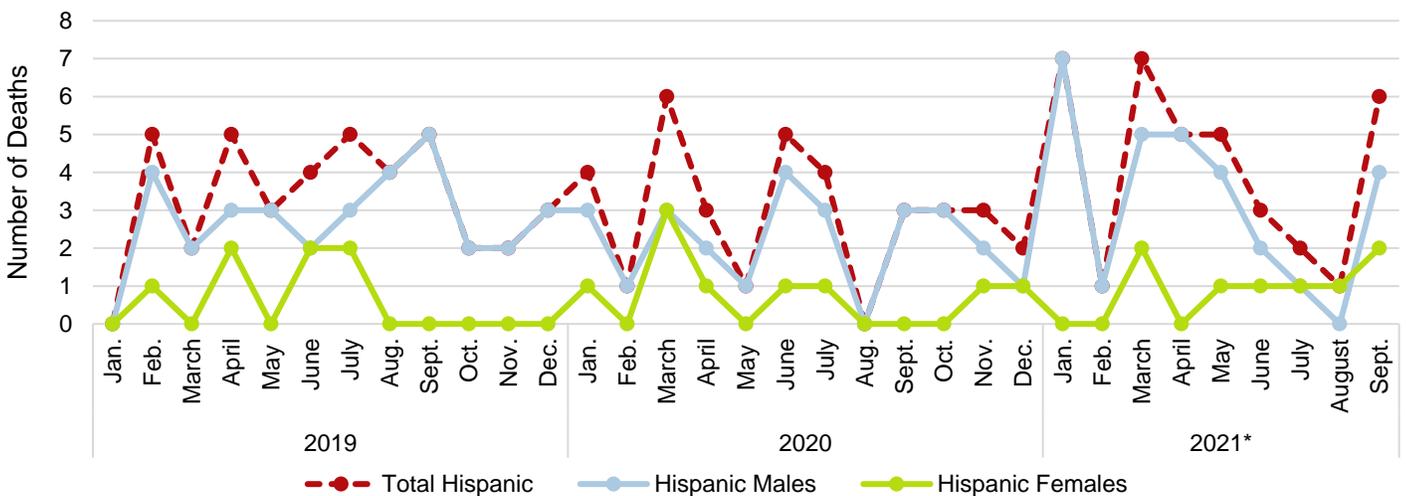
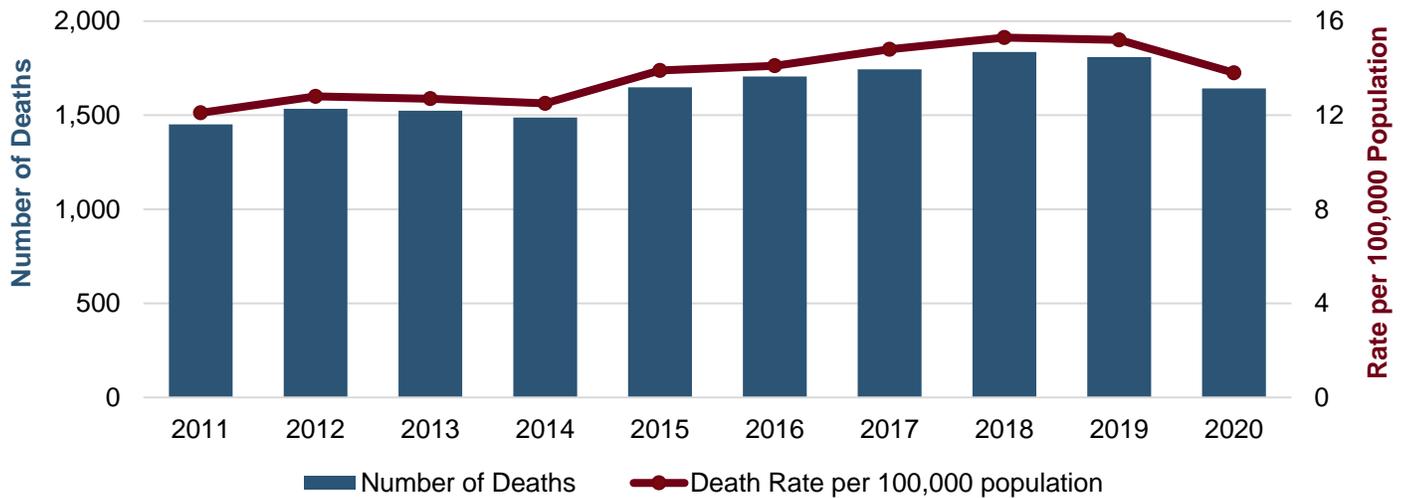


Figure 4. Number of Suicide Deaths Among the Hispanic Population by Month, Ohio, 2019-2021*



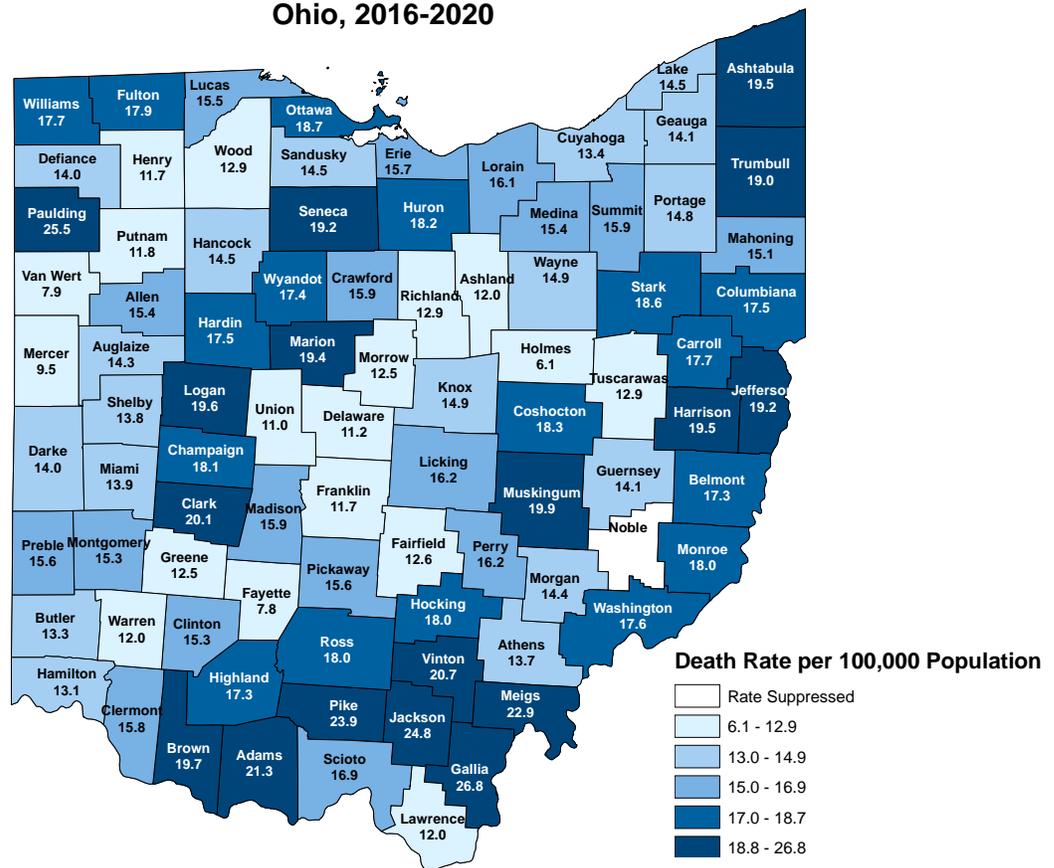
Annual Trends

Figure 5. Number and Age-Adjusted Rate of Suicide Deaths by Year, Ohio, 2011-2020



- From 2011 to 2020, the number and rate of suicide deaths increased overall (13% and 14%, respectively). However, from 2019 to 2020, the number and rate of suicide deaths both decreased 9%.

Figure 6. Average Age-Adjusted Rate of Suicide Deaths by County, Ohio, 2016-2020

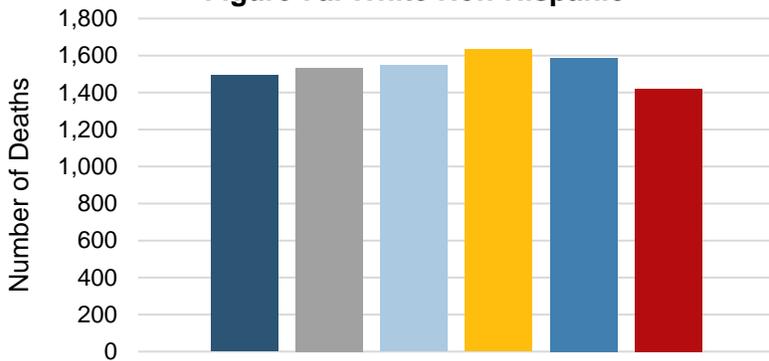


- Gallia County had the highest suicide death rate at 26.8 deaths per 100,000 population, followed by Paulding and Jackson County (25.5 and 24.8 deaths per 100,000 population, respectively).

Figure 7. Number of Suicide Deaths by Race/Ethnicity, Ohio, 2015-2020

■ 2015 ■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020

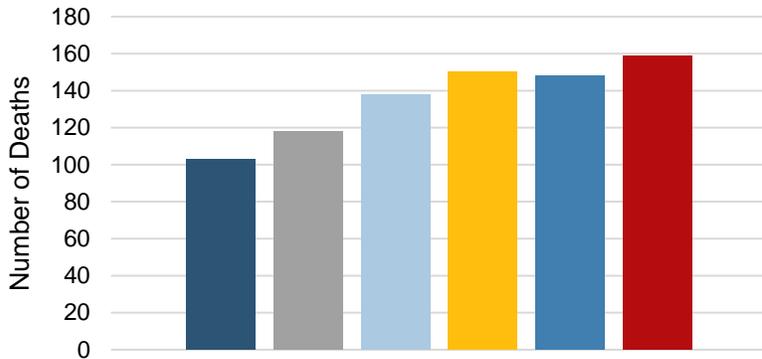
Figure 7a. White Non-Hispanic



White Non-Hispanic:

- In 2020, there were 1,421 deaths among white non-Hispanic Ohioans, which was an 11% decrease from 2019. White non-Hispanic individuals made up 87% of Ohio suicide deaths, compared with 79% of the total Ohio population.
- Suicide deaths among the white non-Hispanic population were highest in 2018 (1,632 deaths) and made up 89% of all Ohio suicide deaths.

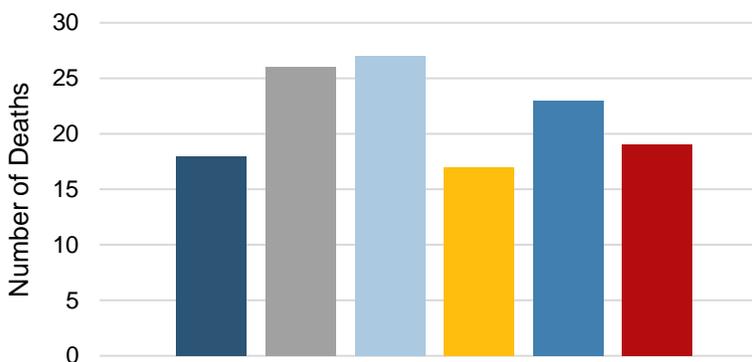
Figure 7b. Black Non-Hispanic



Black Non-Hispanic:

- From 2019 to 2020, suicide deaths among Black non-Hispanic Ohioans increased 7%.
- Suicide deaths among the Black non-Hispanic population were highest in 2020 (159 deaths). Black non-Hispanic individuals made up 10% of all Ohio suicide deaths, compared with 14% of the total Ohio population.

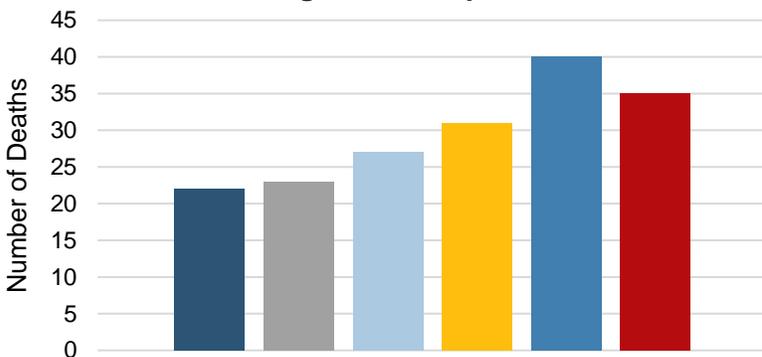
Figure 7c. Asian/Pacific Islander Non-Hispanic



Asian/Pacific Islander Non-Hispanic:

- From 2019 to 2020, suicide deaths among Asian/Pacific Islander non-Hispanic Ohioans decreased 17%.
- In 2020, Asian/Pacific Islander non-Hispanic Ohioans made up 1% of all Ohio suicide deaths, compared with 3% of the total Ohio population.
- Suicide deaths among the Asian/Pacific Islander non-Hispanic population were highest in 2017 (27 deaths).

Figure 7d. Hispanic

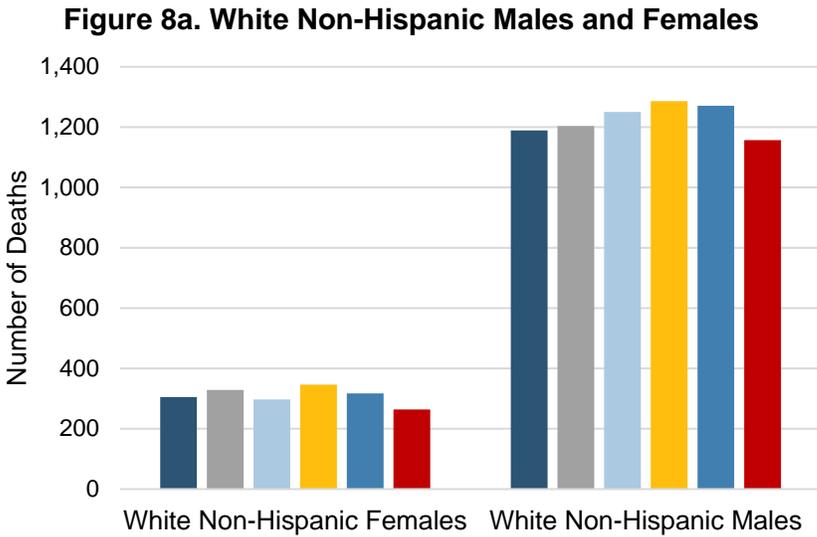


Hispanic:

- From 2019 to 2020, suicide deaths among Hispanic Ohioans decreased 13%.
- In 2020, Hispanic individuals made up 2% of all Ohio suicide deaths, compared with 4% of the total Ohio population.
- Suicide deaths among the Hispanic population were highest in 2019 (40 deaths).

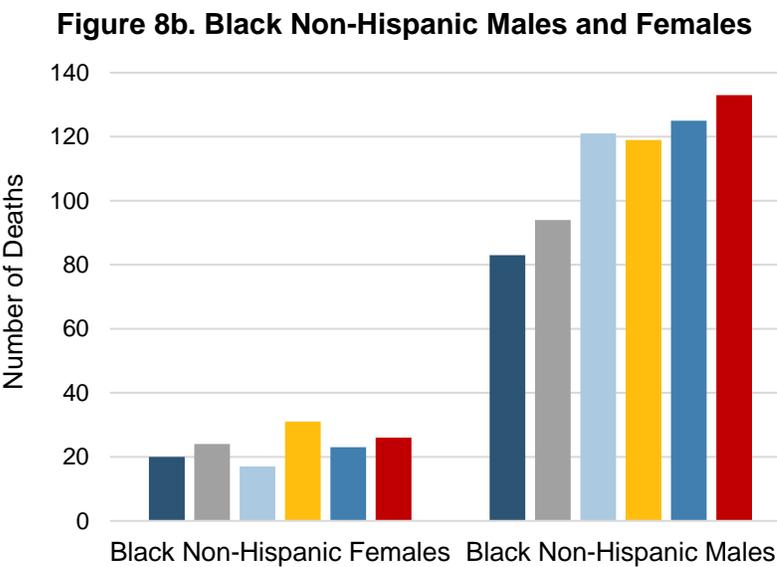
Figure 8. Number of Suicide Deaths by Sex and Race/Ethnicity, Ohio, 2015-2020

■ 2015 ■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020



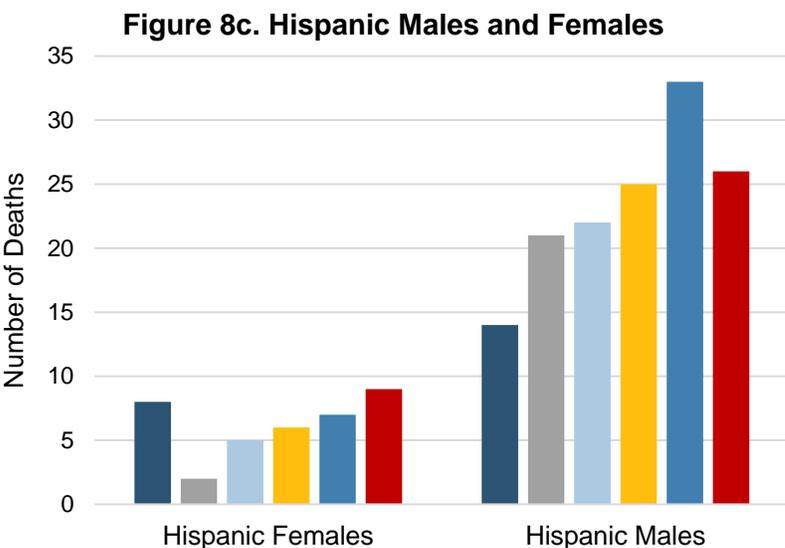
White Non-Hispanic Males and Females:

- From 2019 to 2020, suicide deaths among white non-Hispanic males and females decreased 9% and 17%, respectively.
- Suicide deaths among white non-Hispanic males and females were highest in 2018 (1,286 and 346 deaths, respectively).



Black Non-Hispanic Males and Females:

- From 2019 to 2020, suicide deaths among Black non-Hispanic males and females increased 6% and 13%, respectively.
- Suicide deaths among Black non-Hispanic females were highest in 2018 (31 deaths), while suicide deaths among males were highest in 2020 (133 deaths).



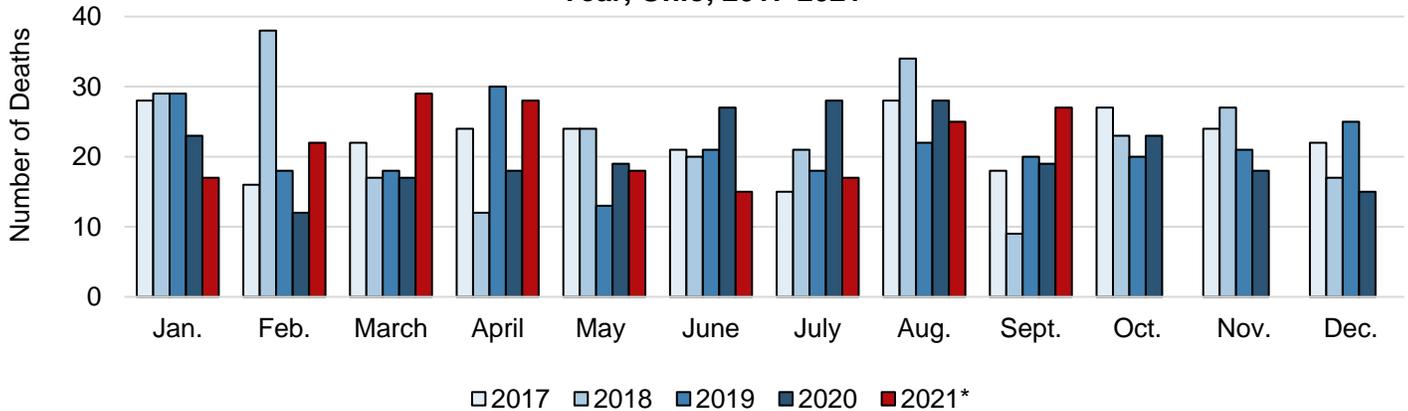
Hispanic Males and Females:

- Suicide deaths among Hispanic males were highest in 2019 (33 deaths) and decreased by 21% in 2020.
- Suicide deaths among Hispanic females have been steadily increasing from 2016 to 2020. From 2019 to 2020, deaths among Hispanic females increased 29%.

Youth Suicide

Monthly Trends – Youth (10-24 Years)

Figure 9. Number of Suicide Deaths Among Youth (Ages 10-24) by Month and Year, Ohio, 2017-2021*



- In 2020, youth suicide deaths increased between February and August and then decreased between October and December.
- When comparing deaths per month by year, June and July were the only months for which 2020 had the highest number of deaths.
- The number of youth suicide deaths in March and September 2021 were higher compared with the same months in the previous years shown (29 and 27 deaths, respectively).

Figure 10. Number of Suicide Deaths Among Male Youth (Ages 10-24) by Month and Year, Ohio, 2017-2021*

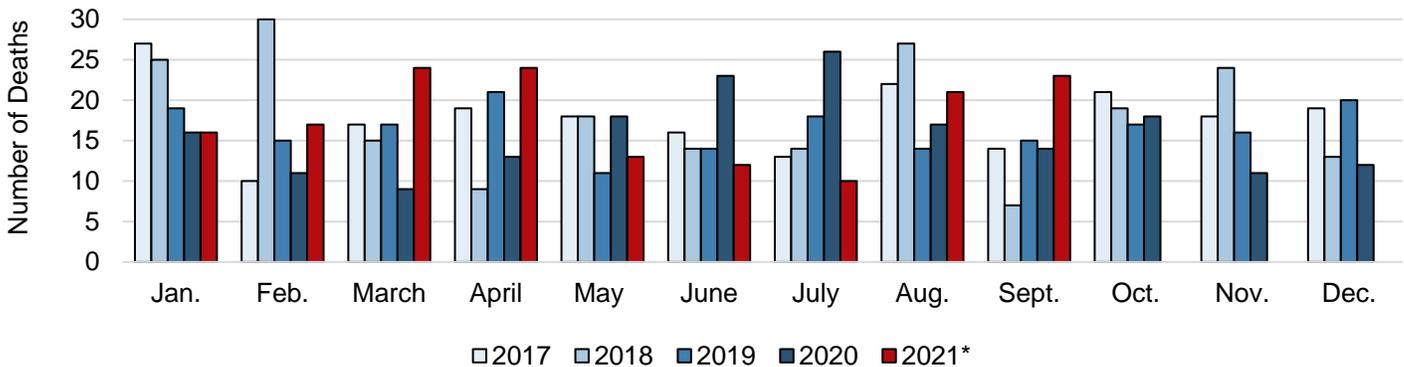


Figure 11. Number of Suicide Deaths Among Female Youth (Ages 10-24) by Month and Year, Ohio, 2017-2021*

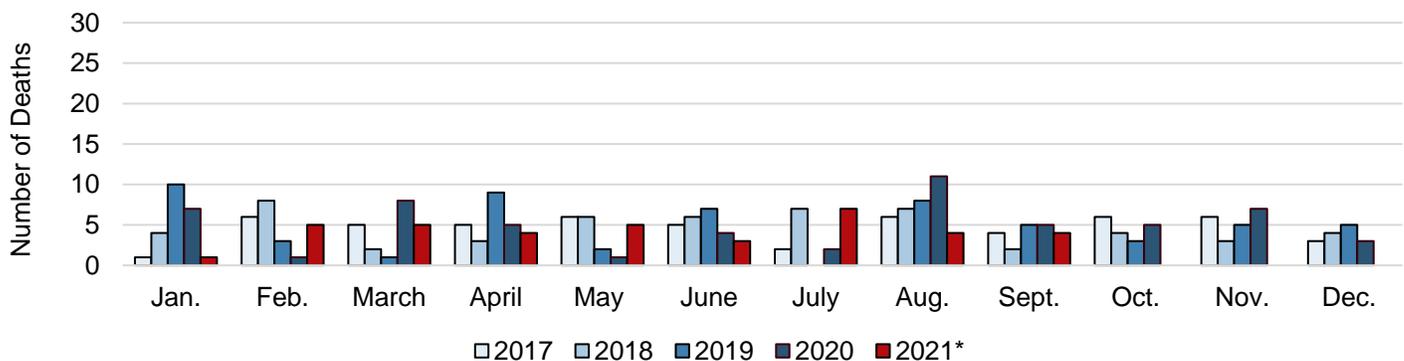


Figure 12. Number of Suicide Deaths Among Youth (Ages 10-24) by Sex and Month, Ohio, 2019-2021*

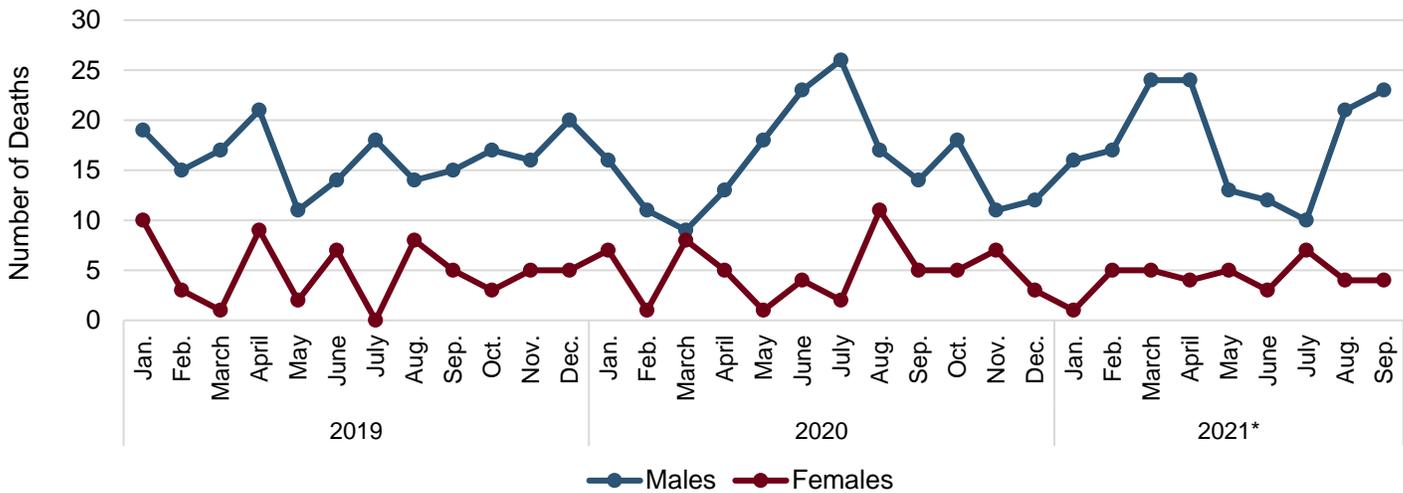
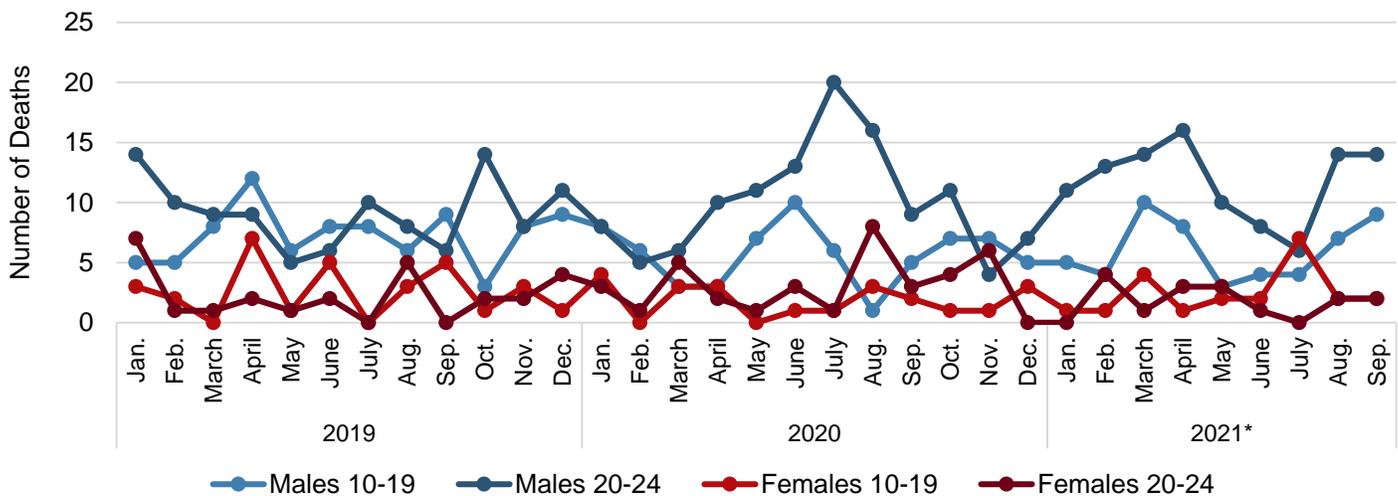


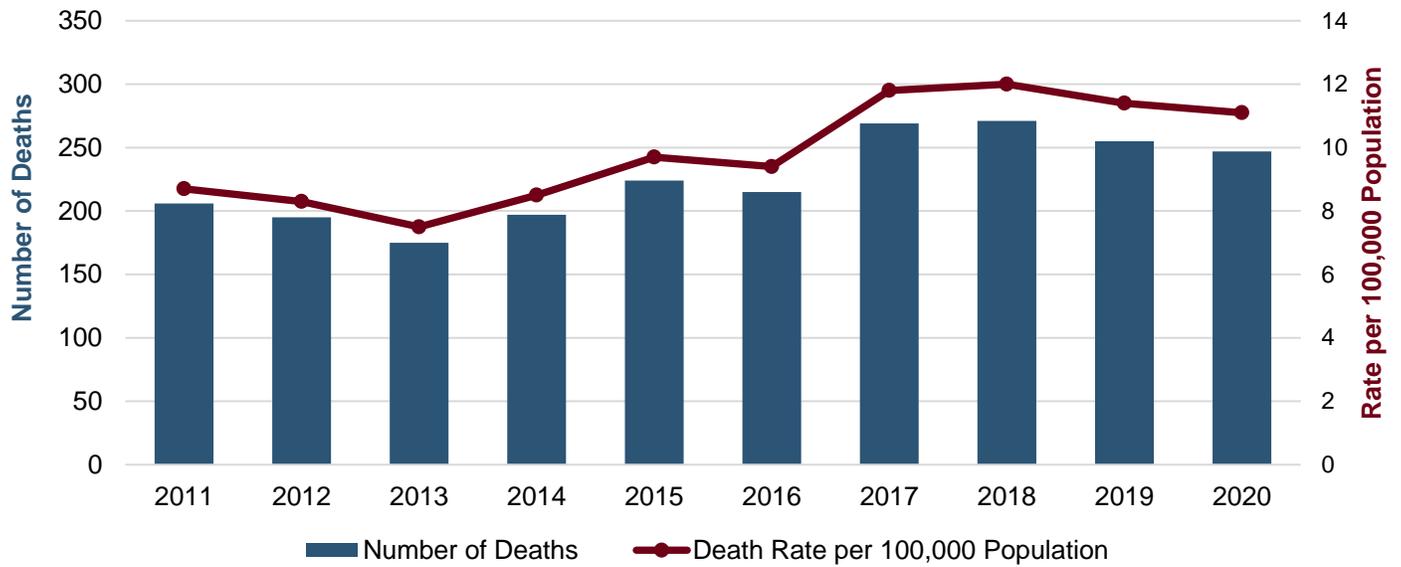
Figure 13. Number of Suicide Deaths Among Youth (Ages 10-24) by Sex/Age Group and Month, Ohio, 2019-2021*



- While female youth suicide deaths fluctuated from month to month during this time period, there were three notable increases among males. From a low in March 2020 to a high in July 2020, male youth suicide deaths increased 189%. This was followed by an overall decrease through November 2020. From November 2020 to March 2021, male youth suicide deaths increased 118%. From July to September 2021, male youth deaths increased 130%.
- Suicide deaths 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 suicide deaths among this demographic, based on mortality data available in the Ohio Public Health Information Warehouse, which dates to 2007.
- Suicide deaths among males 20-24 years of age increased 300% from November 2020 to April 2021.
- At eight deaths reported to date, August 2020 had the highest number of suicide deaths among females 20-24 years of age, based on mortality data available in the Ohio Public Health Information Warehouse, which dates to 2007.

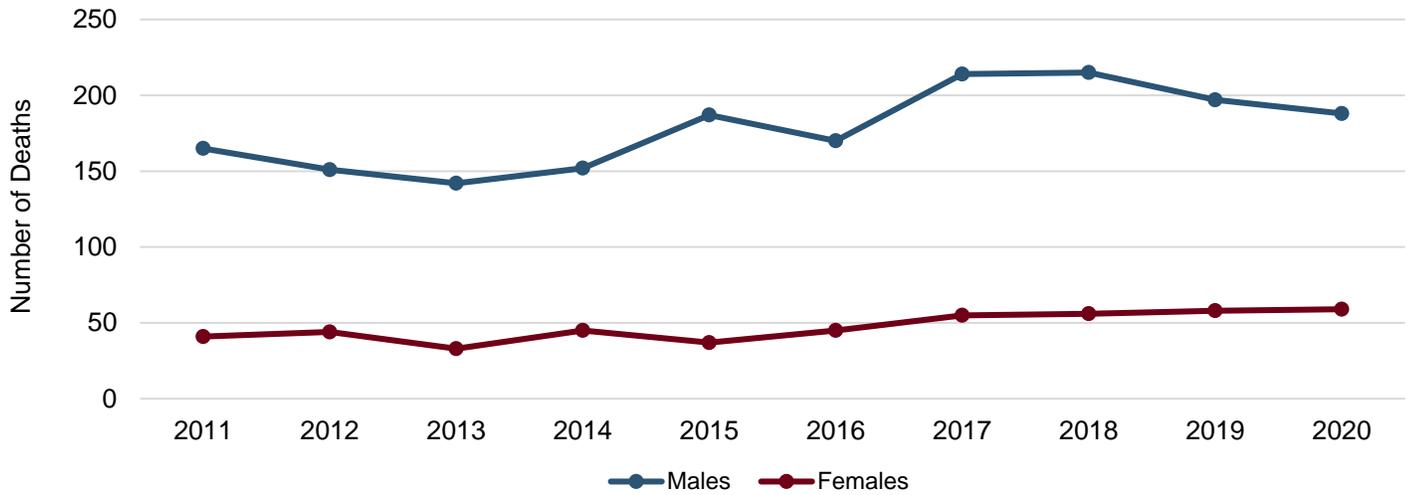
Annual Trends – Youth (10-24 Years)

Figure 14. Number and Rate of Suicide Deaths Among Youth (Ages 10-24) by Year, Ohio, 2011-2020



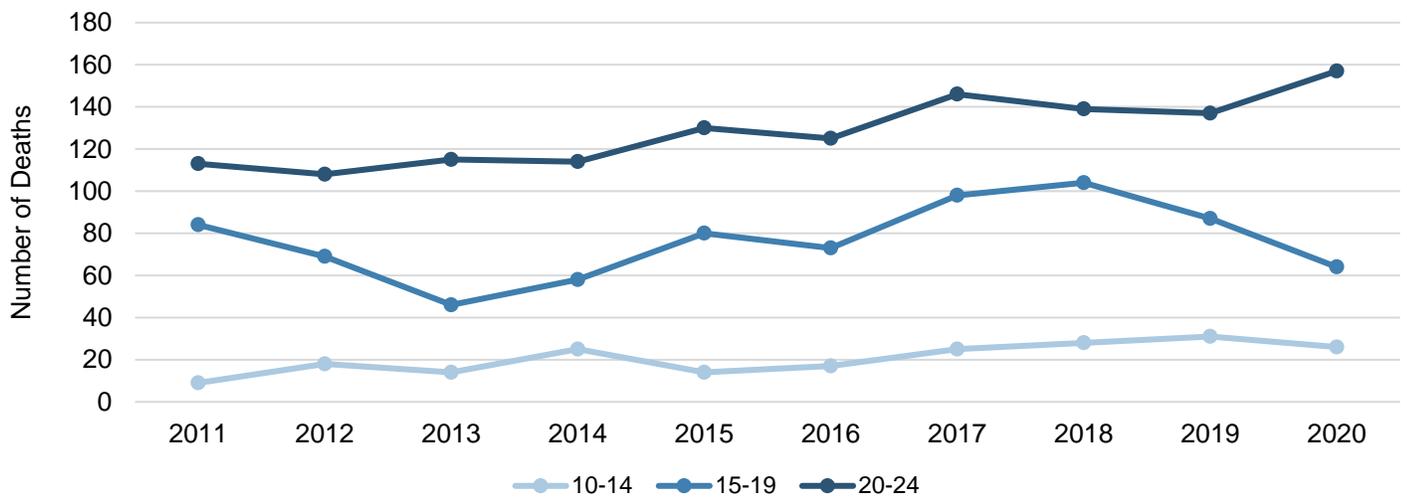
- From 2011 to 2020, the number and rate of suicide deaths among youth (ages 10-24) increased overall (20% and 28%, respectively). However, from 2019 to 2020, the number and rate of youth suicide deaths both decreased by 3%.
- In 2020, 247 Ohioans 10-24 years of age died by suicide.

Figure 15. Number of Suicide Deaths Among Youth (Ages 10-24) by Sex and Year, Ohio, 2011-2020



- On average, from 2011 to 2020, the number of suicide deaths among male youth (ages 10-24) was nearly four times the number of deaths among their female counterparts. During this time period, male youth suicide deaths increased 14% and female youth suicide deaths increased 44%.

Figure 16. Number of Suicide Deaths Among Youth (Ages 10-24) by Age and Year, Ohio, 2011-2020



- On average, from 2011 to 2020, Ohioans 20-24 years of age have accounted for 57% of all suicide deaths among youth (ages 10-24). During this time period, suicide deaths among youth 20-24 years of age increased 39% (from 113 to 157 deaths).
- From 2011 to 2020, suicide deaths increased 189% among Ohioans 10-14 years of age (from nine to 26 deaths).
- Suicide deaths among Ohioans 15-19 years of age peaked in 2018 (104 deaths) and decreased by 38% to 64 deaths in 2020.