A joint collaboration between Stark County Public Health Agencies:

Alliance City Health Department   Canton City Public Health

Massillon City Health Department   Stark County Health Department

Stark County, Ohio
September 9, 2021 Epi Report

COVID-19 Snapshot
Stark County, Ohio
as of 12:00pm
September 9, 2021

August 26, 2021-September 8, 2021
Number of Confirmed & Probable Cases in Stark County
2281
Rate per 100,000 in Stark County Population
615.5
CDC Level of Community Transmission: High
9/2/2021-9/8/2021

Confirmed Cases

Total:
32,600

Active/Open Cases:
1,842

Closed:
(includes Deaths)
30,758

Closed due to Death:
870

Probable Cases

Total:
5,950

Active/Open Cases:
265

Closed:
(includes Deaths)
5,685

Closed due to Death:
143

Hospitalized
Confirmed & Probable Cases

Yes:
(includes ICU)
2,317

Yes, ICU:
165

Discharged:
1,156

Age Range

Confirmed Cases:
<1-108

Hospitalized in Confirmed Cases:
<1-105

Deaths in Confirmed Cases:
21-108

All data contained is preliminary and is subject to change as more information is reported to Ohio Department of Health (ODH). Data presented in this document is based on data as of 09/09/2021 12:00 pm (for Stark County data) and/or 2:00pm (for Ohio data). Cases from previous days are likely to change as more information is entered. Caution should be exercised as data is subject to change. Numbers may differ from ODH depending on time data was accessed.

For questions regarding this report, please contact:
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EPIDEMIOLOGICAL REPORT ON COVID-19

Stark County Epi Situational Report - COVID-19
Table 1 as of: 09/09/2021 12:00PM

Next report scheduled: 09/16/2021

Cases Reported to Stark LHDs
Data from 6/17/2021-9/9/2021 (12-weeks)

Positive/Confirmed	4,389	
Hospitalized	229	5.22%
ICU Admissions	6	0.14%
Deaths in Confirmed Cases	16	0.36%
Probable Cases	753	
Deaths in Probable Cases	2	

Cases Reported to Stark LHDs
Cumulative Data as of 09/09/2021 12:00

Positive/Confirmed	32,600	
Hospitalized	2,249	6.90%
ICU Admissions	161	0.49%
Deaths in Confirmed Cases	870	2.67%
Probable Cases	5,950	
Deaths in Probable Cases	143	

Descriptive Statistics for Stark County Confirmed Cases: Data from 6/17/2021-9/9/2021

Gender

	Confirmed Cases		Deaths
Male	2,041	46.5%	8
Female	2,343	53.4%	8
Unknown	5	0.1%	0
Total	4,389		16

Ethnicity

	Hispanic	Non-Hisp	Unknown*
Count	63	2,768	1,558
%	1.4%	63.1%	35.5%

Race

	White	Black	Asian/Pacific Islander	American Indian/Alaskan Native	Other	Unknown*
Count	2,615	369	25	4	123	1,253
%	59.6%	8.4%	0.6%	0.1%	2.8%	28.5%

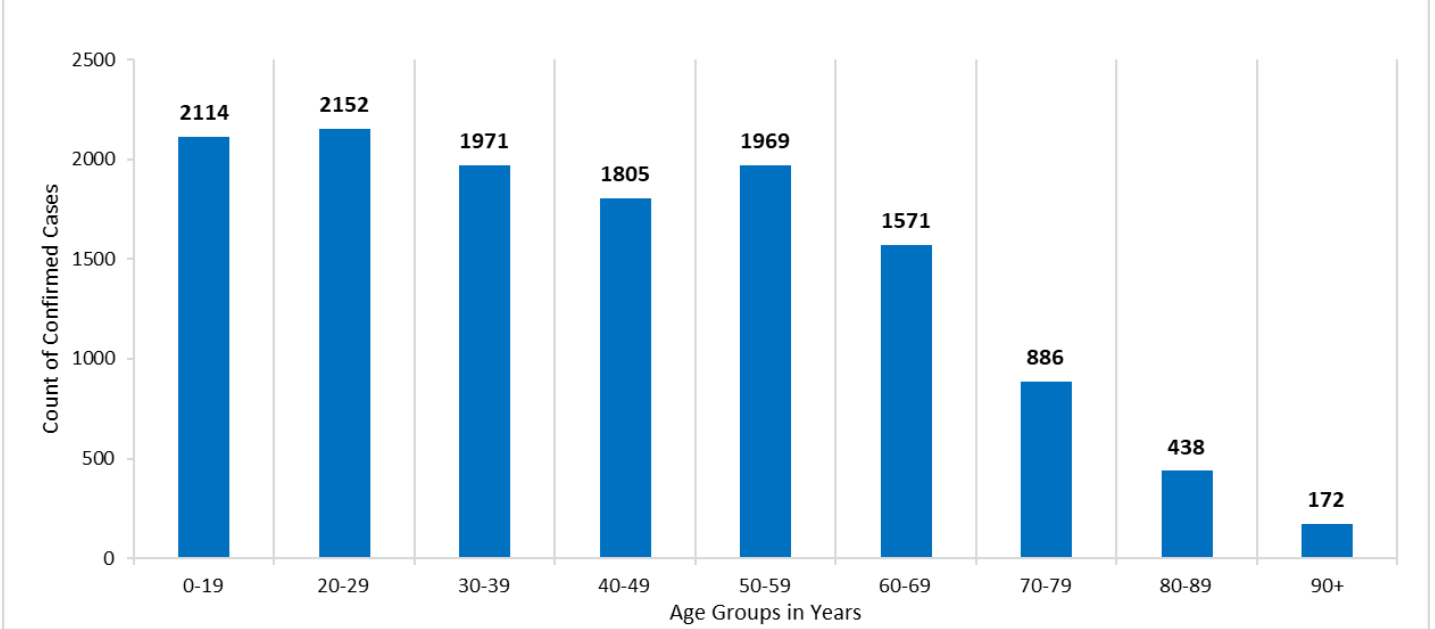*Unknown counts includes refused to answer responses

Hospitalization Information for Stark County Confirmed Cases-Cumulative Counts

Hospitalized			If hospitalized, in ICU?			Discharged from Hospital		
Yes	2,249	6.9%	Yes	161	7%	ICU	120	
No	28,236	86.6%	No	2,088	93%	Other	1004	
Unknown	2,115	6.5%						

Some cases may be discharged due to death.

Stark County Vaccination Update as of 9/09/2021

Current Vaccination Groups Eligible	Vaccine Started	Vaccine Completed
Persons aged 12 and over	Count: 181,992	Count: 168,284
	49.11% of population	45.41% of population

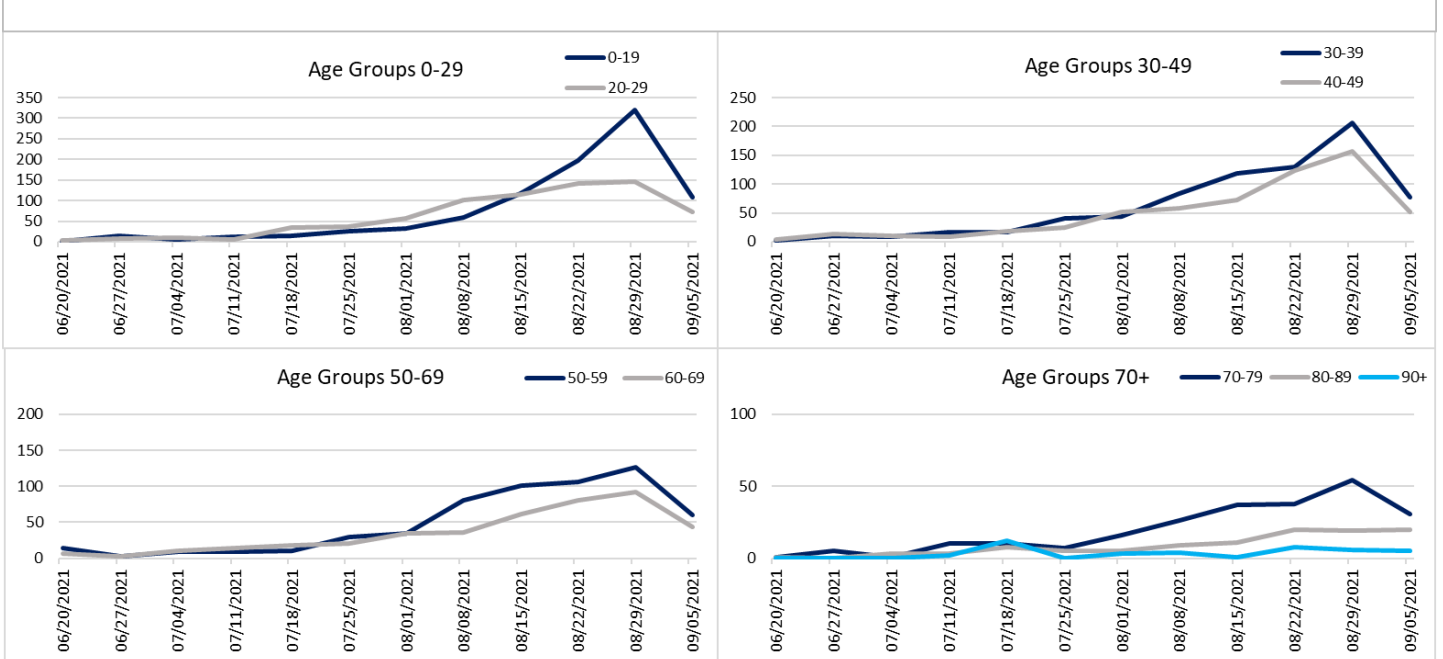A joint collaboration between Stark County Public Health Agencies Final 09.09.2021

Count of Confirmed Cases by Age Group in Stark County-2021 only
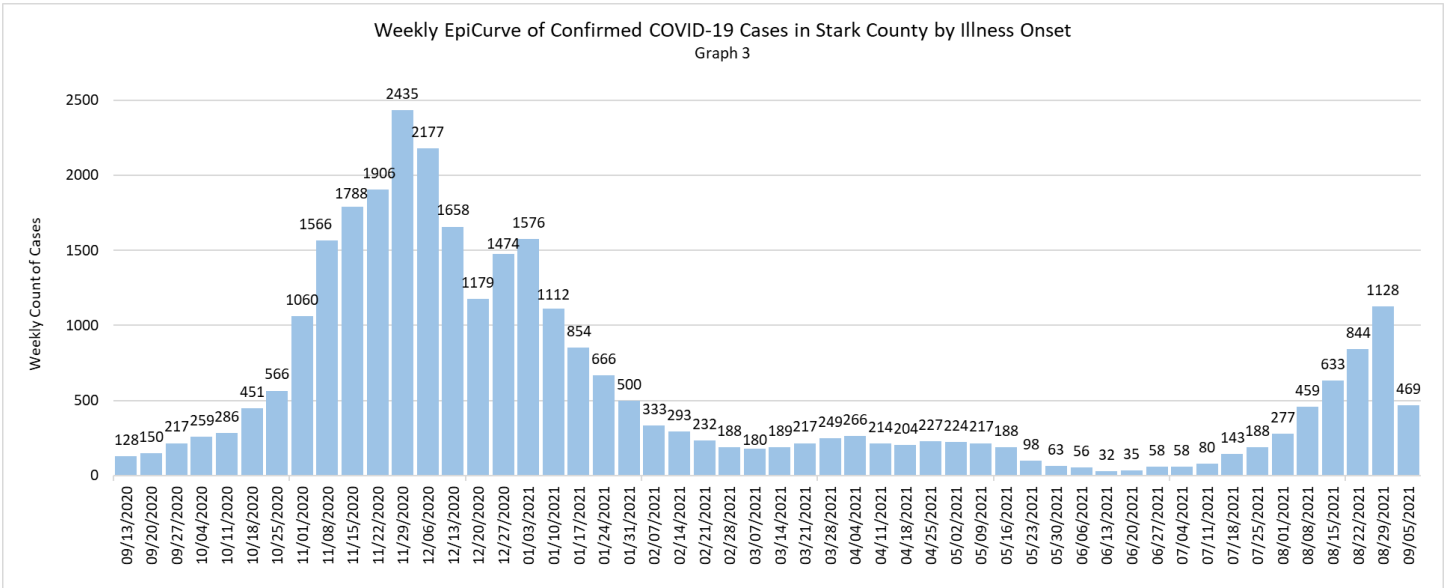### Graph 1

Graph 1 shows the cumulative number of laboratory-confirmed cases by age group for 2021 only. There is 1 confirmed case in which date of birth is currently unknown and not shown in graph above.

Graph 2 shows a breakdown of confirmed cases by week by age groups. As with all data contained in this report, caution is advised when looking at the past 2-3 weeks of data due to delays in testing results. Only 12 weeks of data is shown in graphs below. Please be aware that all 4 graphs have differing y-axis (vertical axis) to best show differences in case counts from week to week.

Weekly Counts of Confirmed Cases by Illness Onset Date and Age Group
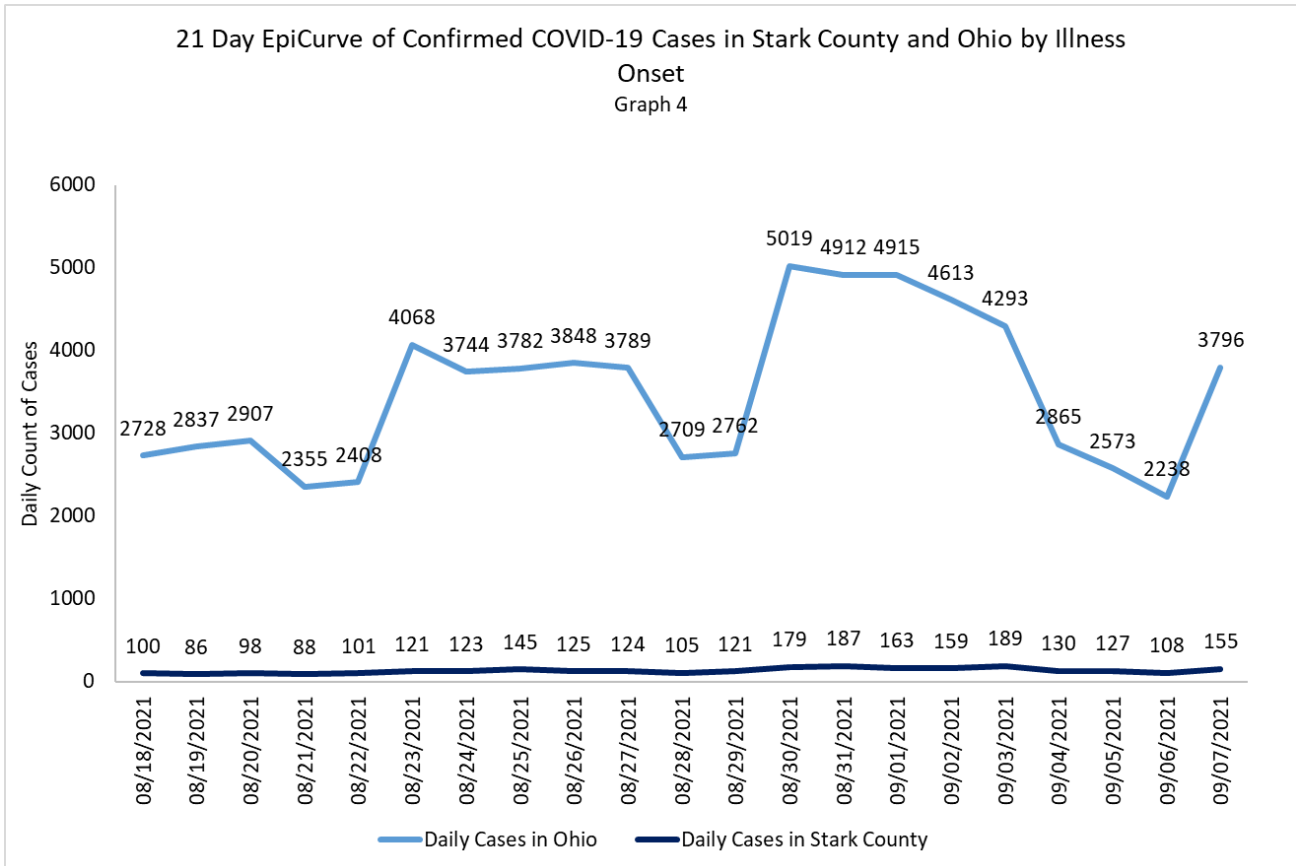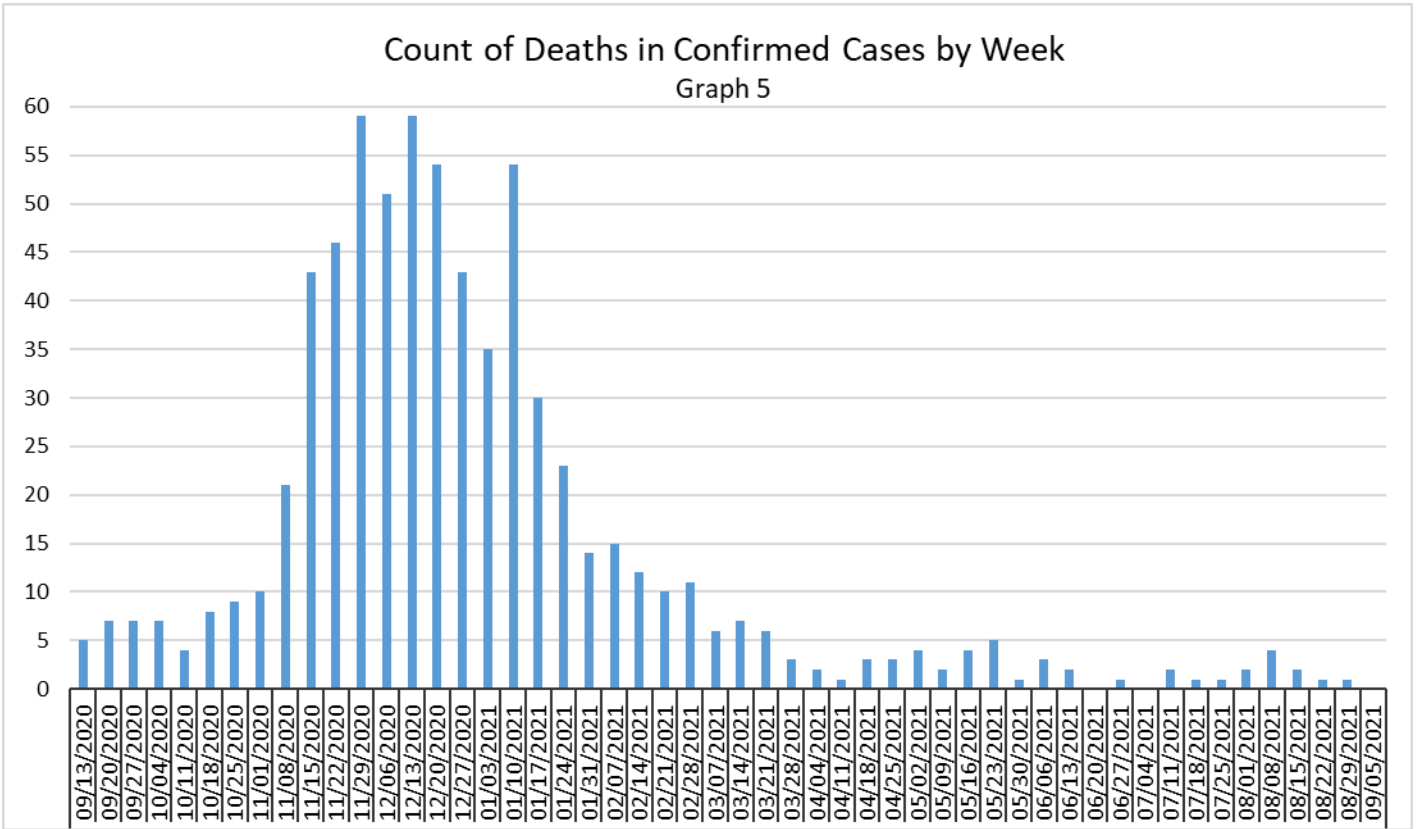### Graph 2

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Weekly EpiCurve of Confirmed COVID-19 Cases in Stark County by Illness Onset
Graph 3

Graph 3 shows the EpiCurve which displays the total number of laboratory-confirmed cases per week, based on the illness onset date for Stark County. If the illness onset date is not available, the earliest known date is utilized, which could be the date the specimen was collected, the date of the test results or the date reported to the local health department. Counts will change as additional information is collected. Stark County's first confirmed case reported an illness onset date of 2/25/2020 but graph only contains 52 weeks of data.
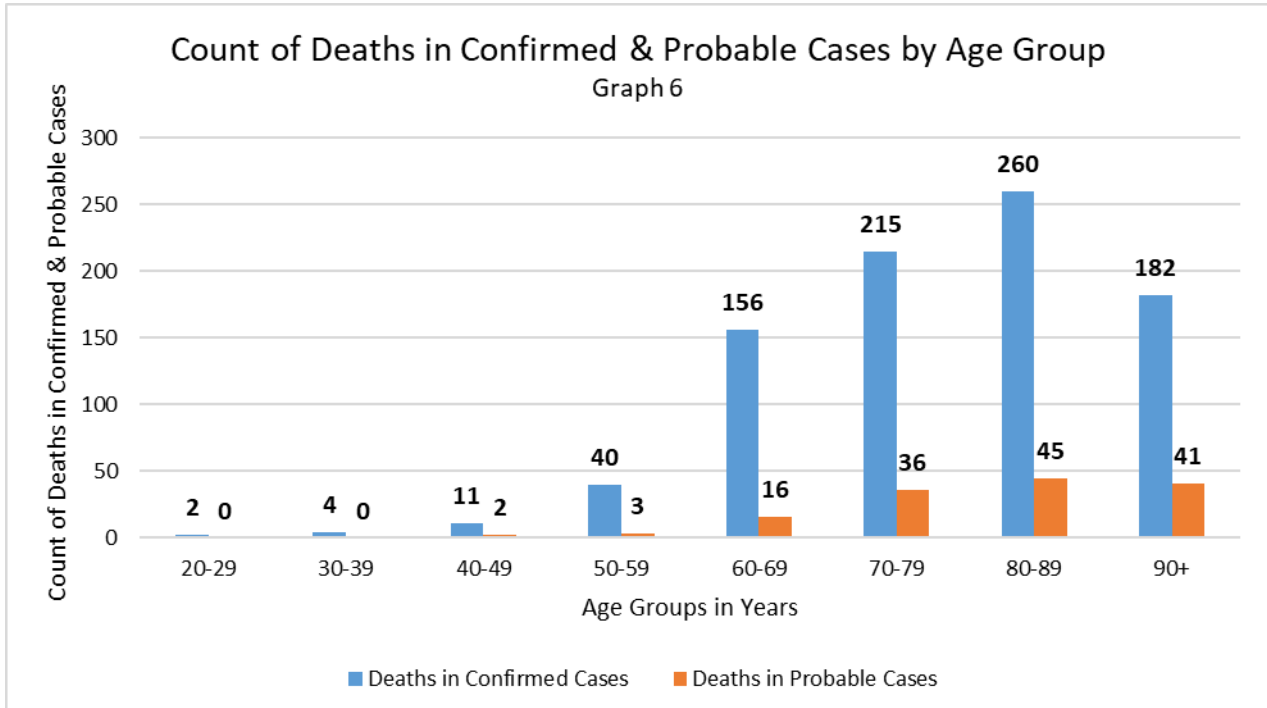
To help highlight short-term daily changes, Graph 4 shows daily counts of laboratory confirmed cases for a 21-day period.

21 Day EpiCurve of Confirmed COVID-19 Cases in Stark County and Ohio by Illness Onset
Graph 4

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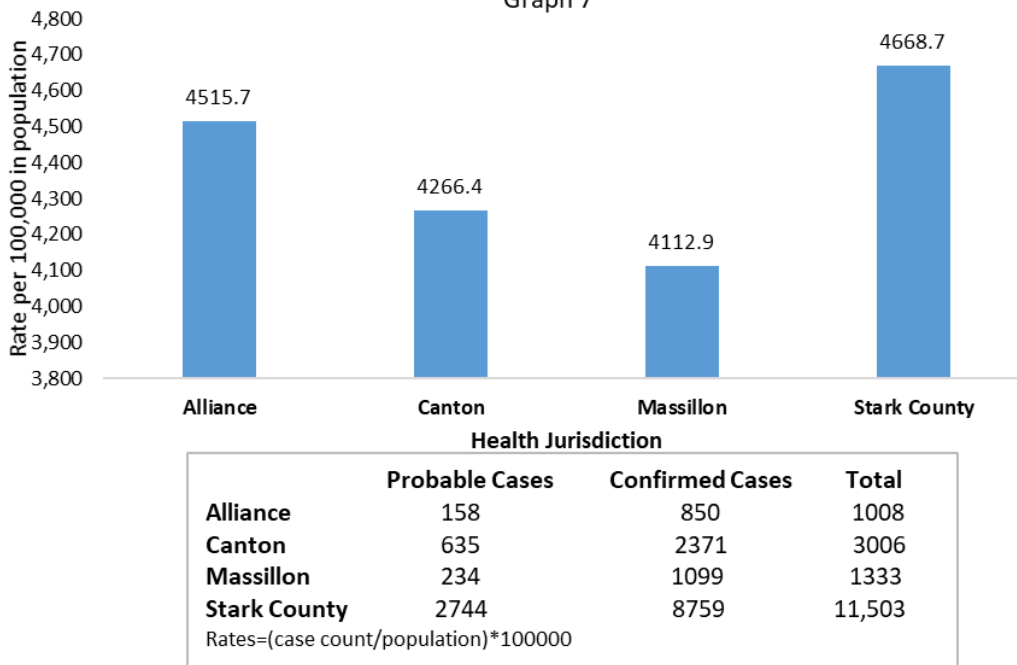## Count of Deaths in Confirmed Cases by Week
Graph 5

Graph 5 is a breakdown of death counts in laboratory-confirmed cases by week in which the death occurred. Includes only deaths reported to the local health department as of 12:30 pm on 9/9/2021. This isn't an automated process which is why it may be a week or longer for a death to be documented. **Please see last page of report for additional information regarding deaths.**

Graph 6 shows the breakdown in deaths in confirmed and probable cases by age group. Additional age groups will be added as needed.
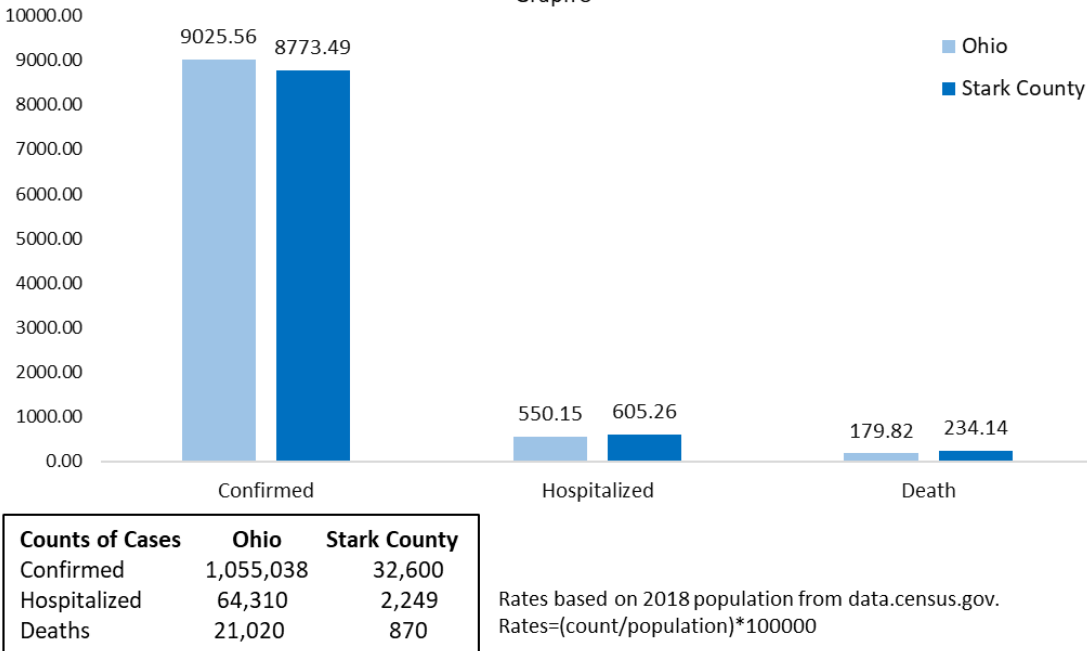
Count of Deaths in Confirmed & Probable Cases by Age Group
Graph 6

Rate of Confirmed and Probable Cases by Health Jurisdiction-2021 only
Graph 7

Rate per 100,000 in population

	Probable Cases	Confirmed Cases	Total
Alliance	158	850	1008
Canton	635	2371	3006
Massillon	234	1099	1333
Stark County	2744	8759	11,503

Rates=(case count/population)*100000

*Graph updated since 6/2021. Only includes cases with illness onset in 2021. Graph 7 shows the rate of cumulative confirmed and probable cases by Stark County jurisdictions. Alliance, Canton and Massillon jurisdictions covers those within those particular city limits. Stark County jurisdiction covers all other areas outside of those three city limits. Rates calculated by 2018 population census data.
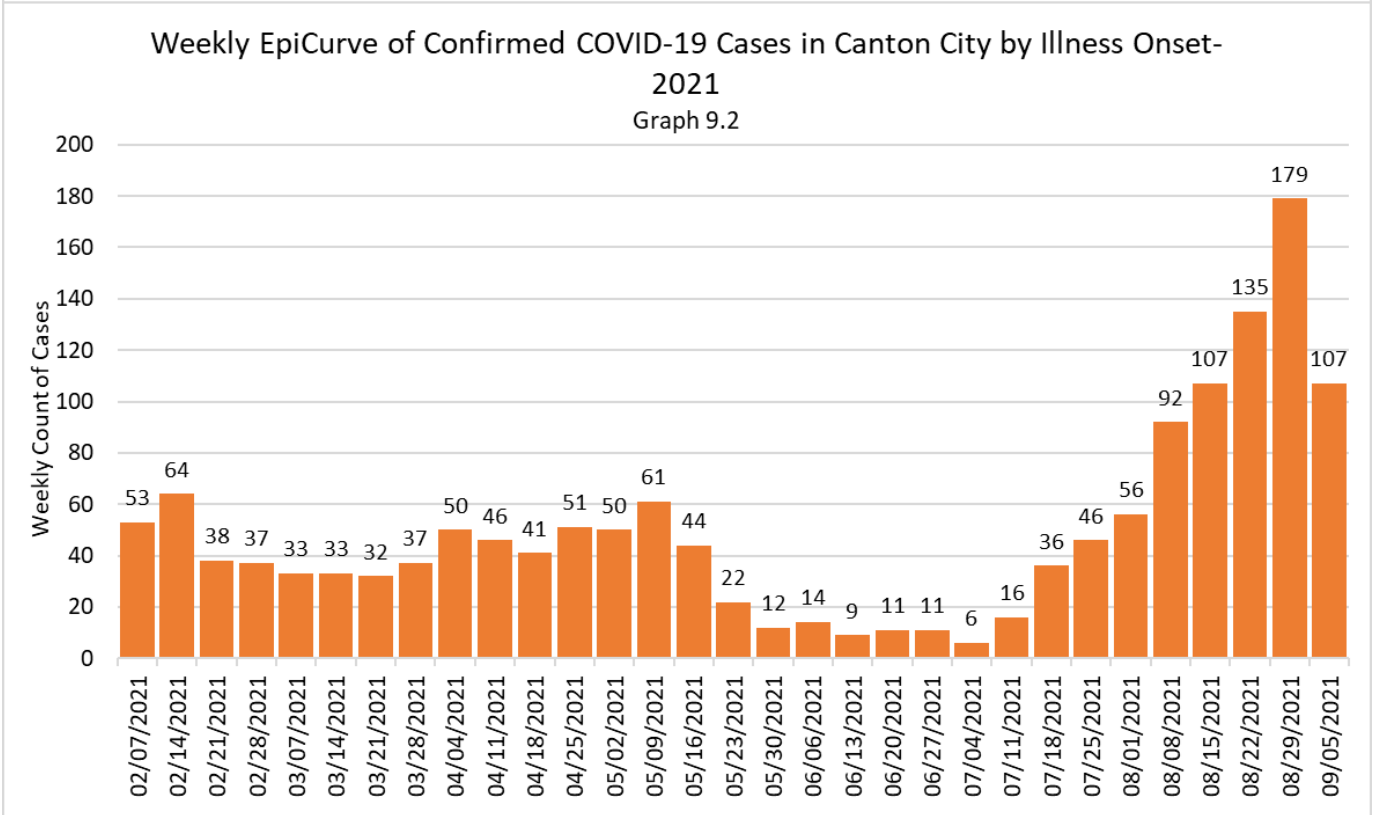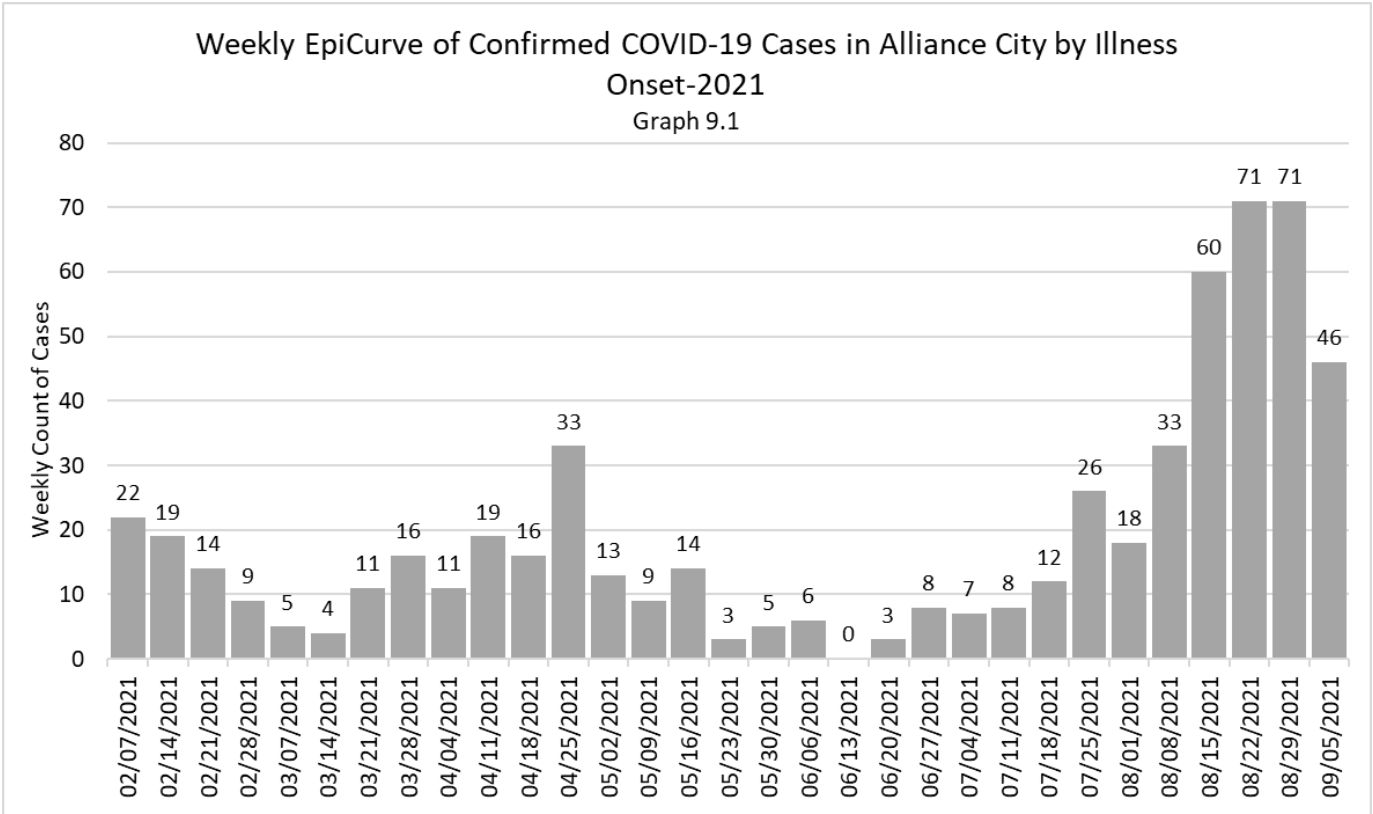
Rates of Confirmed Cases by Population
Graph 8

Counts of Cases	Ohio	Stark County
Confirmed	1,055,038	32,600
Hospitalized	64,310	2,249
Deaths	21,020	870

Rates based on 2018 population from data.census.gov.
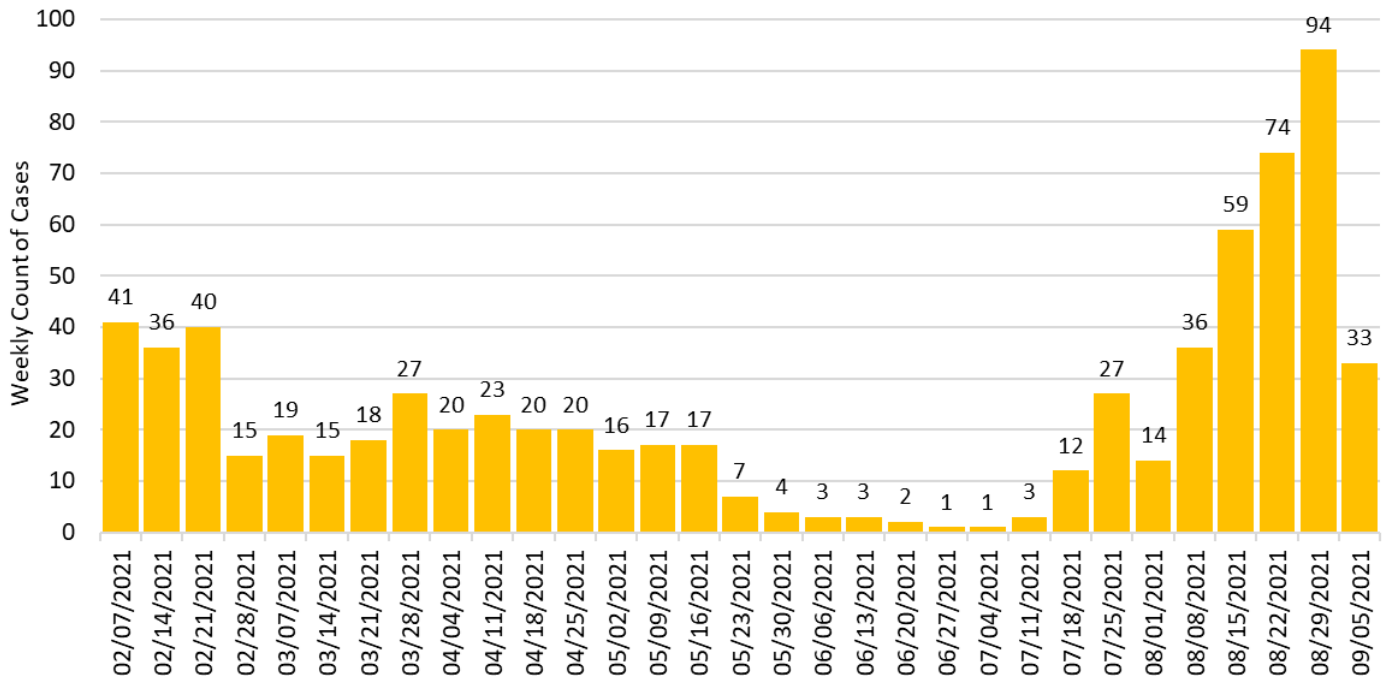Rates=(count/population)*100000

Graph 8 shows the rates dependent on the 2018 population in Ohio and Stark County. This graph works to compare cases in different populations by normalizing the cases per 100,000 persons.

- Ohio's rate of laboratory confirmed cases is 1.0x higher than those in Stark County.
- Stark County's rate of laboratory confirmed cases who require hospitalization is 1.1x higher than Ohio's rate.
- Stark County's rate of death due to COVID-19 complications is 1.3x higher than Ohio's rate.

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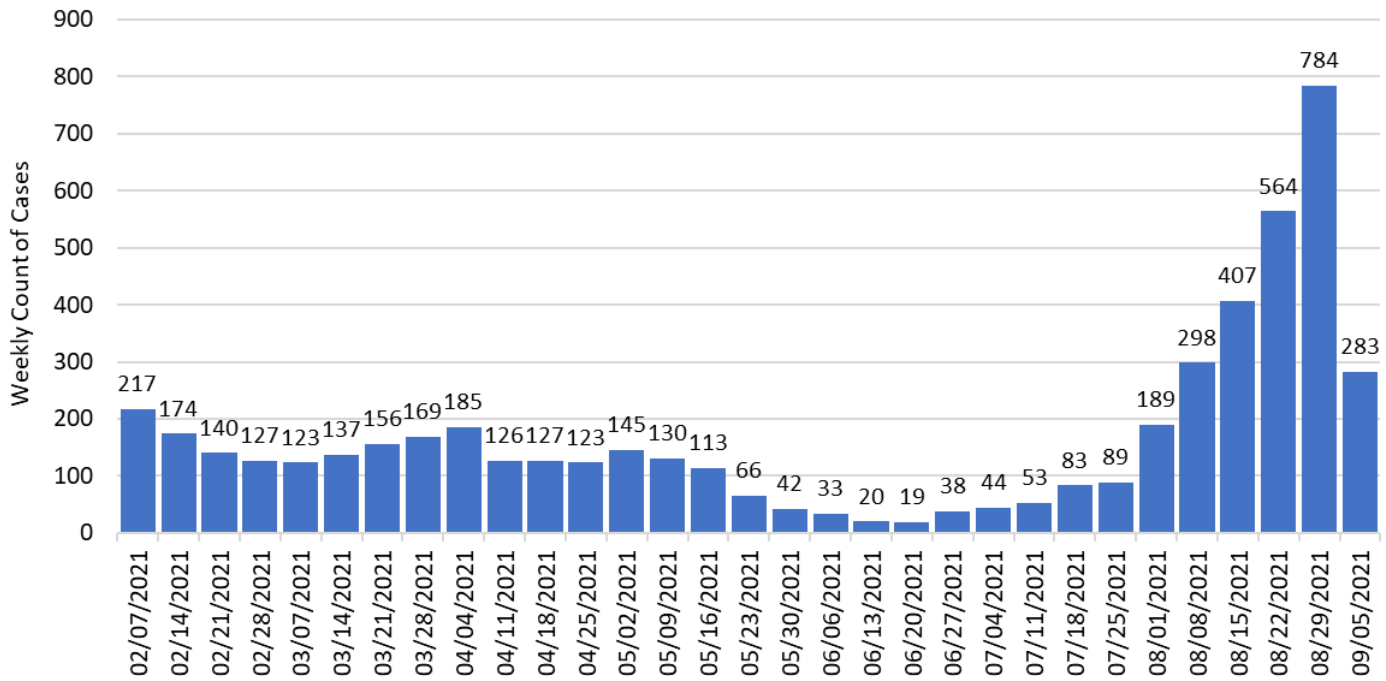
To give health jurisdictions a clearer picture of cases within the 3 city limits and outside of those city limits, new graphs have been added. Graphs 9.1, 9.2, 9.3 are for each of the 3 city centers in Stark County. Graph 9.4 is for cases that occurred in residents outside of the 3 city limits. Please be aware that all 4 graphs have differing y-axis (vertical axis) to best show differences in case counts from week to week.

Weekly EpiCurve of Confirmed COVID-19 Cases in Alliance City by Illness Onset-2021
Graph 9.1

Weekly EpiCurve of Confirmed COVID-19 Cases in Canton City by Illness Onset-2021
Graph 9.2

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Weekly EpiCurve of Confirmed COVID-19 Cases in Massillon City by Illness Onset-2021
Graph 9.3

Weekly EpiCurve of Confirmed COVID-19 Cases outside 3 city limits by Illness Onset-2021
Graph 9.4

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Based on stakeholder feedback, we have removed the graph on closed cases in August 2021.

We have removed the graph associated with health care workers and long-term care facilities. For more information on long-term care facilities including breakdown by facility and by resident/staff, please visit:
https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/long-term-care-facilities/cases
https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/long-term-care-facilities/mortality

Background from www.cdc.gov: Coronavirus disease 2019 (COVID-19) is a respiratory illness that can spread from person to person. The virus that causes COVID-19 is a novel coronavirus that was first identified during an investigation into an outbreak in Wuhan, China.

Confirmed
• Meets confirmatory laboratory evidence. NOTE: Asymptomatic infections are reportable as confirmed cases.

Probable
• Meets presumptive laboratory evidence AND was reported on or after November 1, 2020; OR
o For reports received prior to November 1, 2020: meets presumptive laboratory evidence AND either clinical criteria OR epidemiologic linkage; OR
• Meets clinical criteria AND epidemiologic linkage with no confirmatory laboratory testing performed for SARS-CoV-2; OR
• Meets vital records criteria with no confirmatory laboratory evidence for SARS-CoV-2.

Counts and rates are based on date of illness onset. If onset date is unknown, the earliest known date is utilized. Any rates based on counts less than 10 are considered unreliable and caution should be exercised when interpreting. Due to testing restrictions, data may be skewed. Report compiled by Canton City Public Health.

Data is sourced from: coronavirus.ohio.gov, ODH data warehouse, and census.gov. "These data were provided by the Ohio Department of Health. The Department specifically disclaims responsibility for any analyses, interpretations or conclusions."

Beginning March 2, 2021, ODH changed from using Ohio Disease Reporting System (ODRS) for mortality data to utilizing Electronic Death Registration System (EDRS) data. This allows only deaths which have been verified by the CDC's National Center for Health Statistics (NCHS) to be included on the ODH website. This data is not updated daily. For the time being, Stark County will continue to utilize mortality data for ODRS with the disclaimer that data is considered preliminary and subject to change.

For information regarding test priorities, please visit: https://coronavirus.ohio.gov/static/docs/COVID-19-Testing-Guidance.pdf

For information regarding testing sites, please visit: https://coronavirus.ohio.gov/wps/portal/gov/covid-19/testing-ch-centers/

For information on Restart Stark, including guidance and resources for Stark County, please visit: https://coronavirus-response-stark-county-resources-starkcountyohio.hub.arcgis.com/

For information on testing Statewide, please visit: https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/key-metrics/testing

For information on vaccinations, please visit: https://coronavirus.ohio.gov/wps/portal/gov/covid-19/covid-19-vaccination-program

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