

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

March 16, 2021 Epi Report

**COVID-19 Snapshot
Stark County, Ohio
as of 12:00pm
March 16, 2021**

Level 1

Level 2

Level 3

Level 4

Stark County is currently at a **Level 3 (Red)** Status as indicated by the Ohio Public Health Advisory System-**Indicators 1, 3 & 4 were met.**

For information on the Ohio Public Health Advisory System, please visit: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/public-health-advisory-system/>

Confirmed Cases

Total:
25,741

Active/Open Cases:
14,415

Closed:
(includes Deaths)
11,326

Closed due to Death:
769

Probable Cases

Total:
4,265

Active/Open Cases:
2,491

Closed:
(includes Deaths)
1,774

Closed due to Death:
140

Hospitalized Confirmed & Probable Cases

Yes:
(includes ICU)
1,695

Yes, ICU:
150

Discharged:
900

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 3.16.2021 12:30 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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Stark County Epi Situational Report - COVID-19

Table 1 as of: 3/16/2021 12:30PM

Next report scheduled: 3/19/2021

Cases Reported to Stark LHDs		
Data as of 3.19.2021 12:30		
Positive/Confirmed	25,741	
Hospitalized	1,659	6.44%
ICU Admissions	146	0.57%
Deaths in Confirmed Cases	769	2.99%
Probable Cases	4,265	
Deaths in Probable Cases	140	

Cases Reported to ODH		
Data as of 3.19.2021 14:00		
Positive/Confirmed	845,116	
Hospitalized*	51,756	6.12%
ICU Admissions*	7,287	0.86%
Probable Cases	147,107	
COVID related deaths of Ohio Residents		
17,992		
*Hospitalized & ICU includes confirmed & probable		

Descriptive Statistics for Stark County Confirmed Cases

Gender			
	Confirmed Cases		Deaths
Male	11,267	43.8%	404
Female	14,161	55.0%	365
Unknown	313	1.2%	0
Total	25,741		769

Ethnicity			
	Hispanic	Non-Hisp	Unknown*
Count	337	13,477	11,927
%	1.3%	52.4%	46.3%

Race						
	White	Black	Asian/Pacific Islander	American Indian/Alaskan	Other	Unknown*
Count	14,269	1,683	99	43	640	9,007
%	55.4%	6.5%	0.4%	0.2%	2.5%	35.0%
*Unknown counts includes refused to answer responses						

Hospitalization Information for Stark County Confirmed Cases-Cumulative Counts

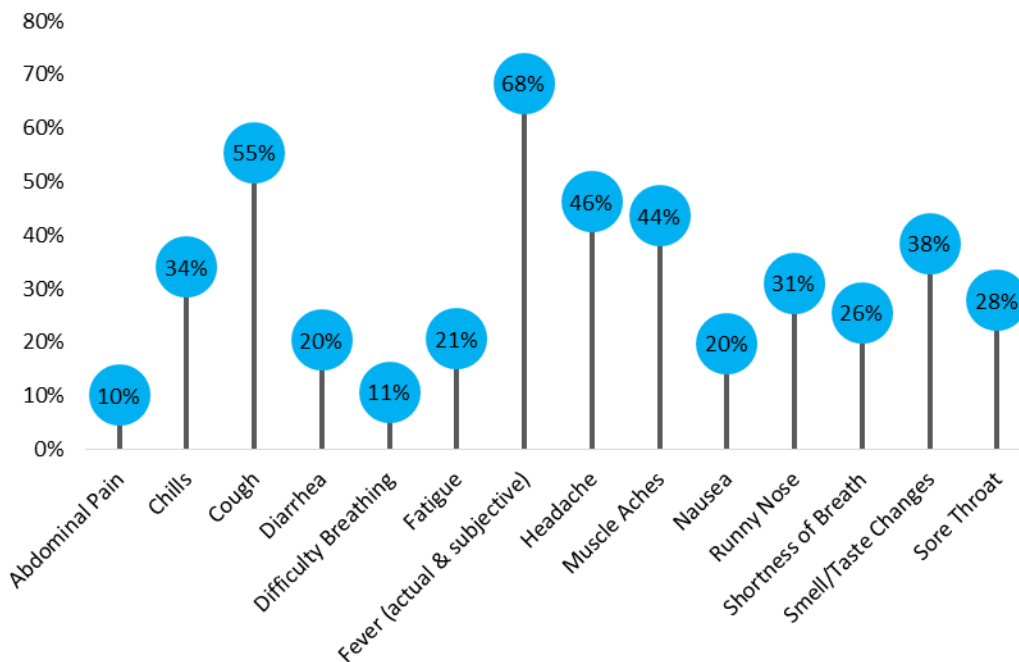
Hospitalized			If hospitalized, in ICU?			Discharged from Hospital	
Yes	1,659	6.4%	Yes	146	9%	ICU	111
No	23,718	92.1%	No	1,513	91%	Other	770
Unknown	364	1.4%				Some cases may be discharged due to death.	

Stark County Vaccination Update as of 3/16/2021

Current Vaccination Groups Eligible	Vaccine Started	Vaccine Completed
Phases 1A, 1B, 1C, 1D, 2A, 2B	Count: 68,753	Count: 44,666
	18.50% of population	12.05% of population

Signs & Symptoms in Confirmed Cases

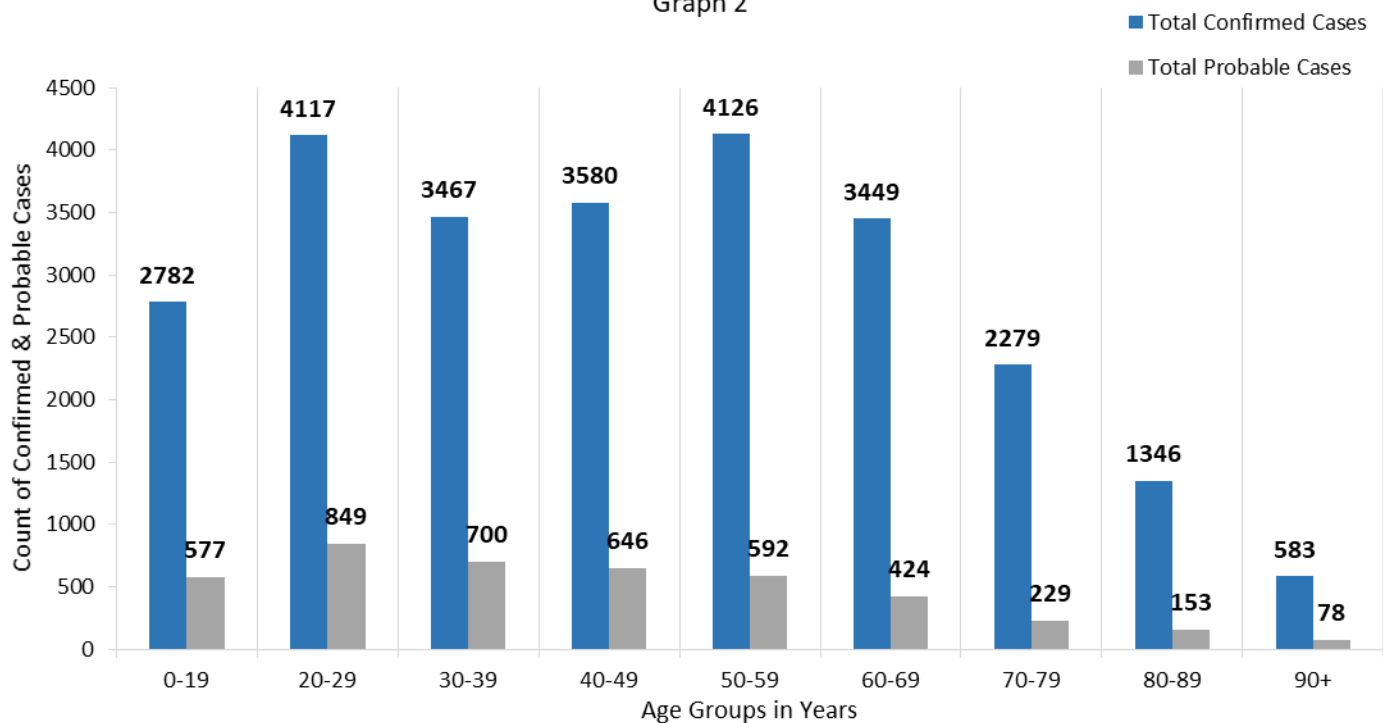
Graph 1



Graph 1 shows the incidence of signs and symptoms reported in documented symptomatic confirmed cases. Cases that have no symptoms documented or are documented asymptomatic are not included. We have combined fever (documented >100.4) & subjective fever. This is due to recognizing that everyone does not own a thermometer and therefore cannot give an actual temperature to flag the indicator. We are hoping these changes will provide a clearer picture regarding symptoms present.

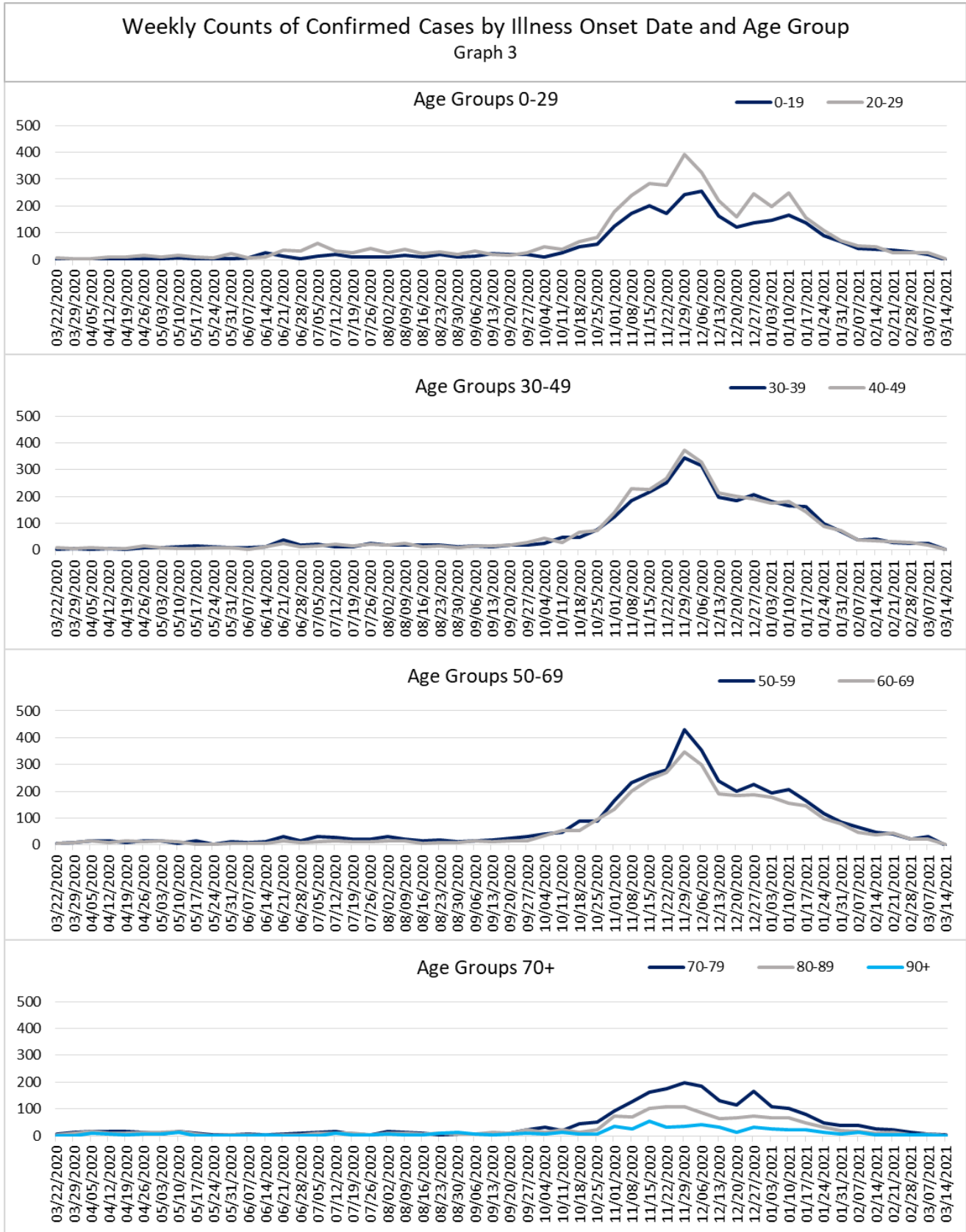
Count of Confirmed & Probable Cases by Age Group in Stark County

Graph 2

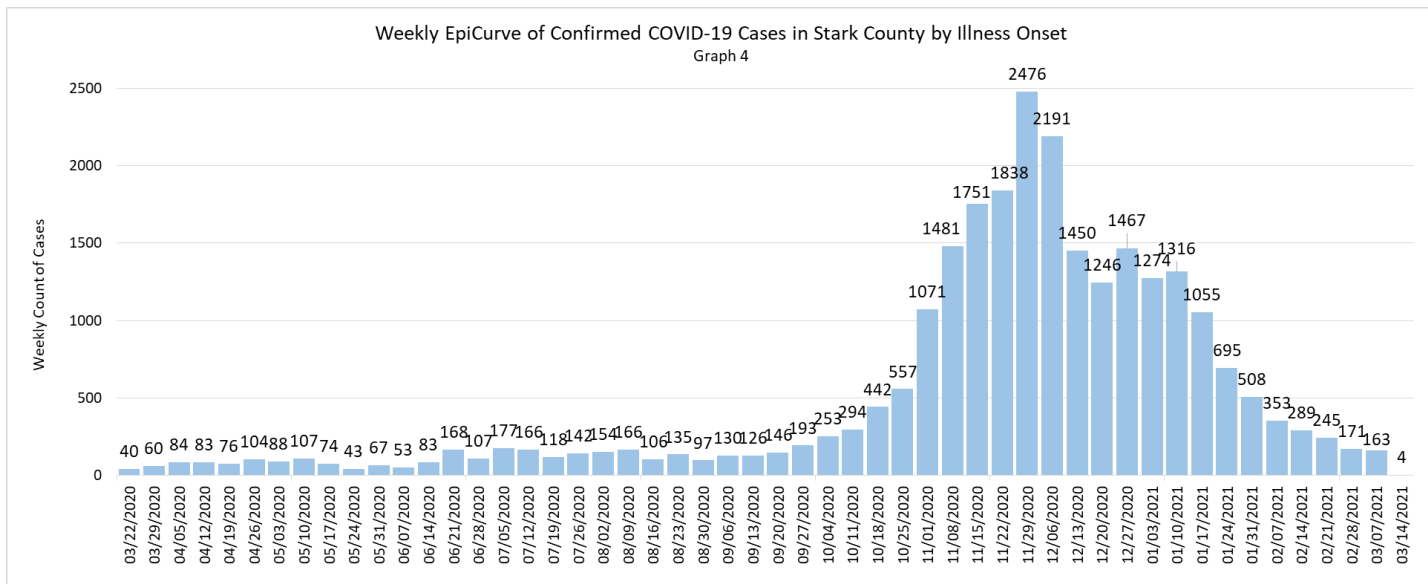


Graph 2 shows the cumulative number of laboratory-confirmed and probable cases by age group. There are 17 probable cases and 12 confirmed cases in which date of birth is currently unknown and not shown in graph above.

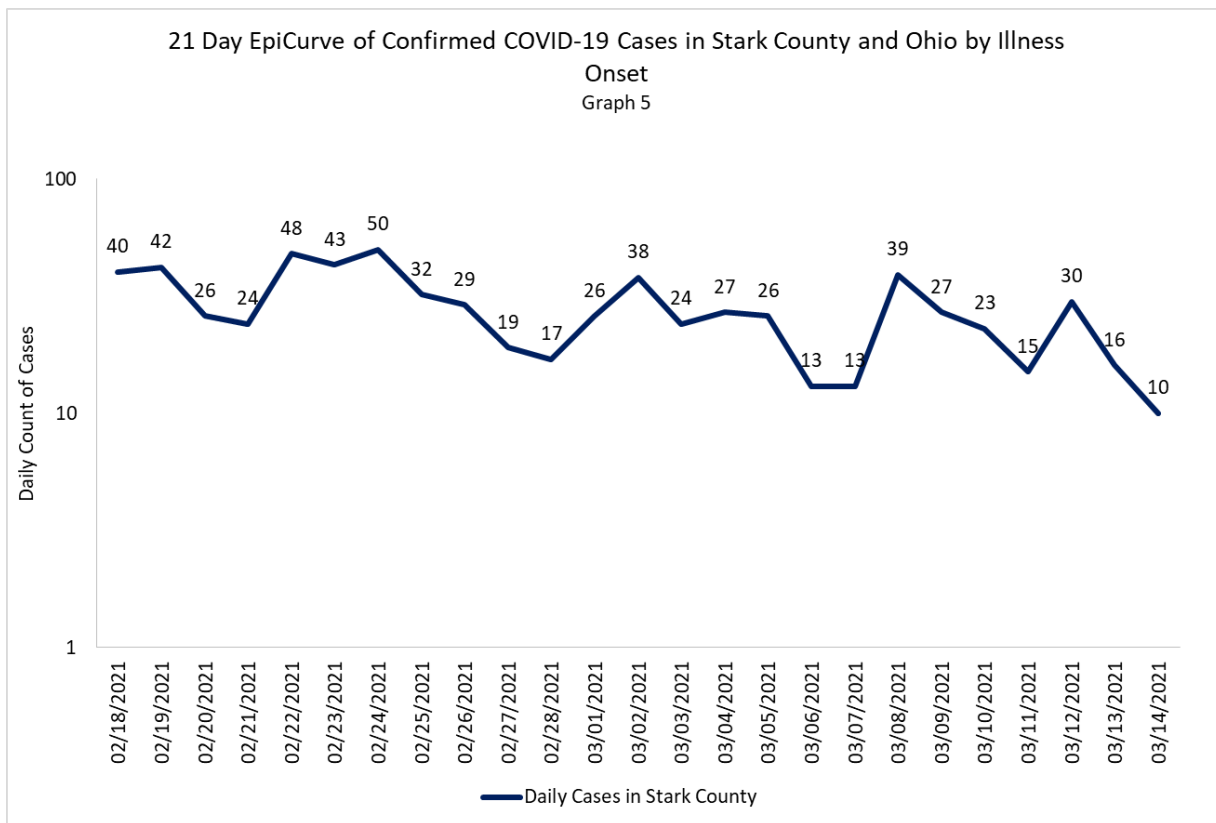
Graph 3 shows a breakdown of confirmed cases by week by age groups. There are 12 confirmed cases in which date of birth is currently unknown and not shown in graph below. As with all data contained in this report, caution is advised when looking at the past 2-3 weeks of data due to delays in testing results. Graphs only show 52-weeks' worth of data.



EPIDEMIOLOGICAL REPORT ON COVID-19

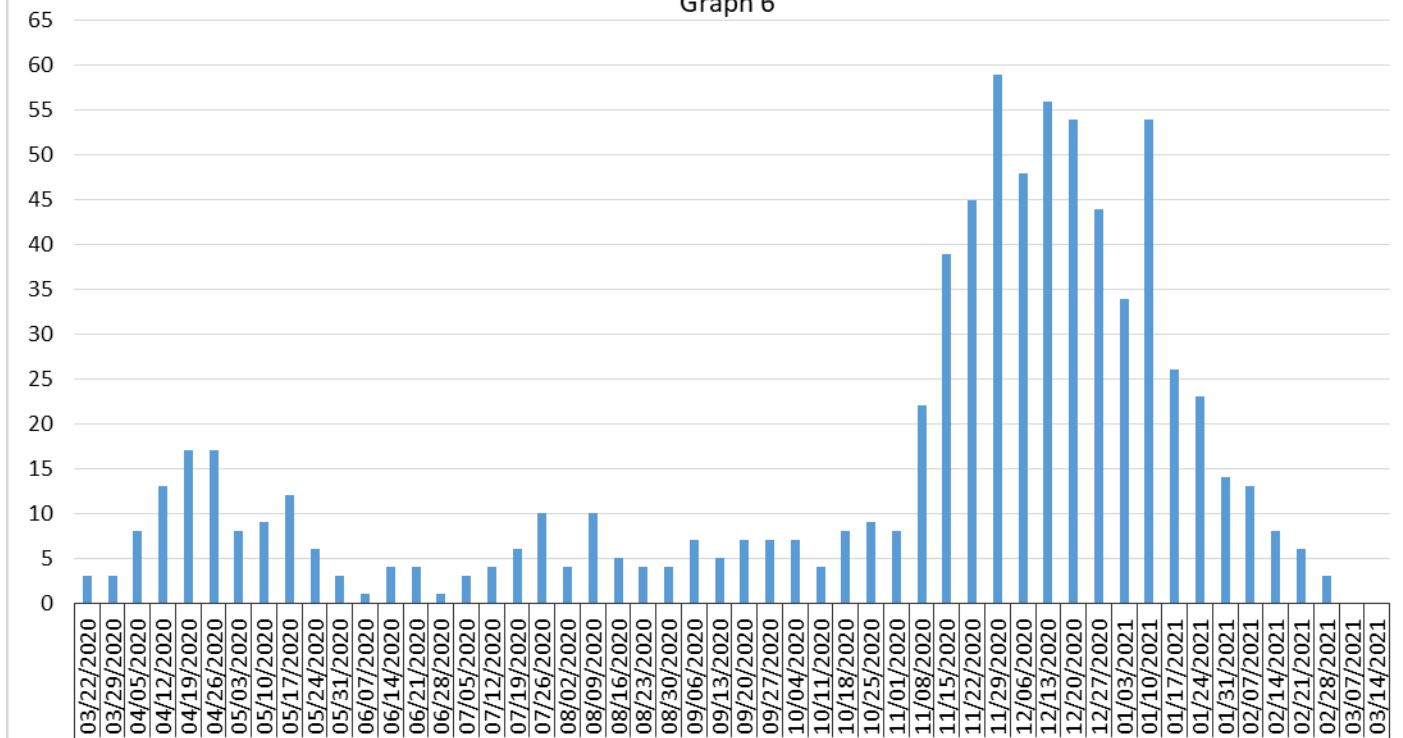


Graph 4 shows the EpiCurve which displays the total number of laboratory-confirmed cases per week, based on the illness onset date for Stark County. If the illness onset date is not available, the earliest known date is utilized, which could be the date the specimen was collected, the date of the test 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. **This data only includes data up until 12:30 pm on 3/16/2021.**



To help highlight short-term daily changes, Graph 5 shows daily counts of laboratory confirmed cases for a 21-day period. Due to system issues, only Stark County data is shown in today’s graph.

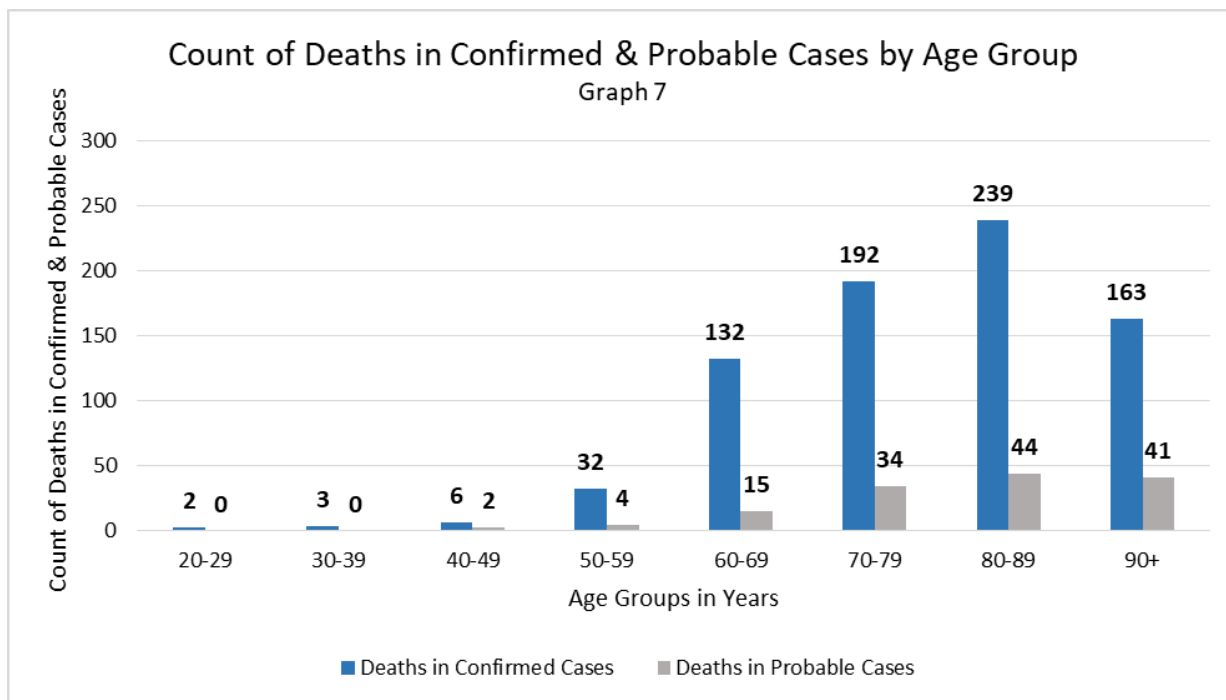
Count of Deaths in Confirmed Cases by Week
Graph 6



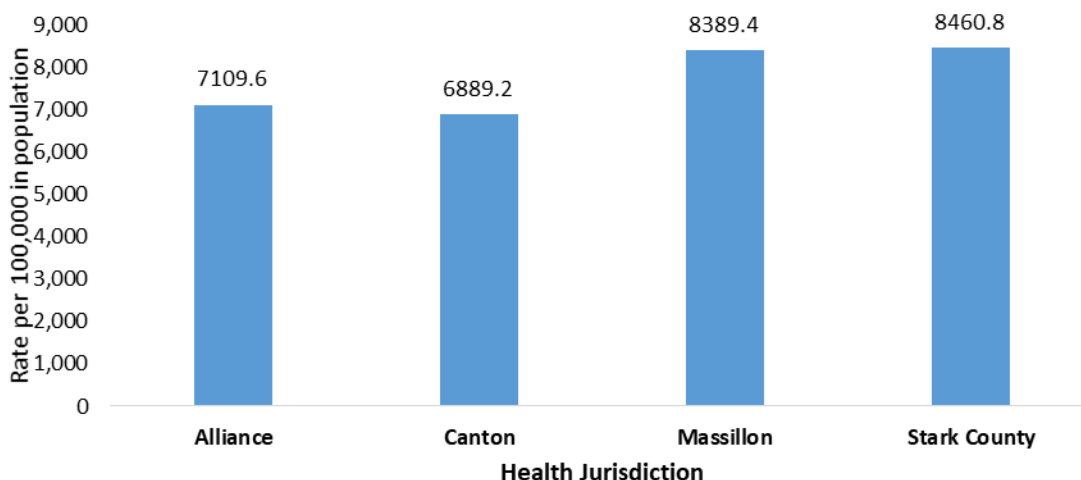
Graph 6 is a breakdown of death counts in laboratory-confirmed cases by week in which the death occurred. Includes only deaths reported to the local health department as of 12:30 pm on 3/16/2021. This isn't an automated process which is why it may be a week or longer for a death to be documented. Please see last page of report for additional information regarding deaths.

Graph 7 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 7



Rate of Confirmed and Probable Cases by Health Jurisdiction
Graph 8

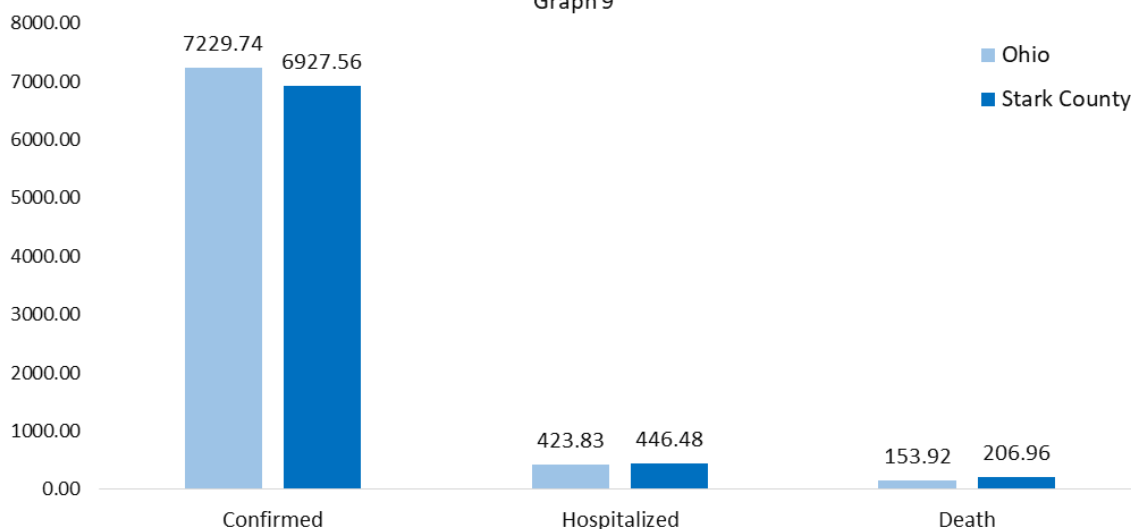


Health Jurisdiction	Probable Cases	Confirmed Cases	Total
Alliance	179	1408	1587
Canton	721	4133	4854
Massillon	309	2410	2719
Stark County	3056	17,790	20,846

Rates=(case count/population)*100000

Graph 8 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 9



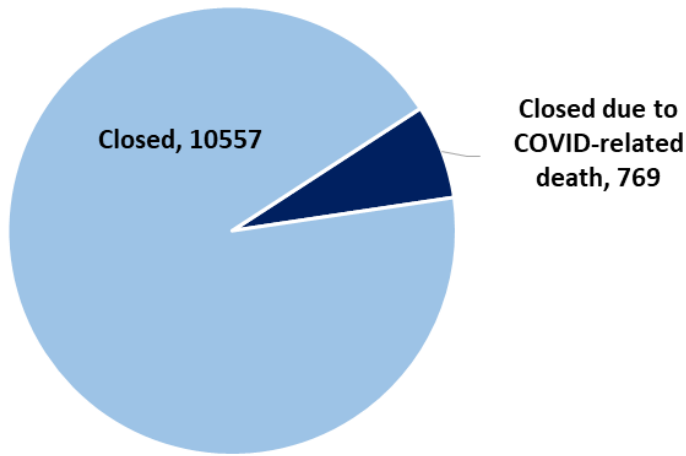
Counts of Cases	Ohio	Stark County
Confirmed	845,116	25,741
Hospitalized	49,543	1,659
Deaths	17,992	769

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

Graph 9 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.

Closed Confirmed Cases
Graph 10

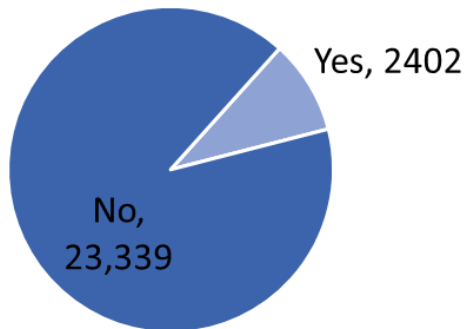


Graph 10 is the count of confirmed cases closed or closed due to death. Stark County has a total of 11,326 cases closed of which 769 are due to death.

Cases can be closed for the following reasons:

- The person passed away. Can be either COVID-related or not COVID-related.
- Symptoms have resolved in that case.
- The person is no longer being followed by the local health department.

Confirmed Cases Linked to a Known Cluster
Graph 11



A cluster is defined as 2 or more cases with a common time and place of exposure. In Stark County, commonly these are work place, congregate living or family event/party settings. Additionally, cases that were exposed to original case members of the cluster and they subsequently became ill are also then linked to the original cluster.

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 the Ohio Public Health Advisory System, please visit: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/public-health-advisory-system/>

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>