

A joint collaboration between Stark County Public Health Agencies:

Alliance City Health Department

Canton City Public Health

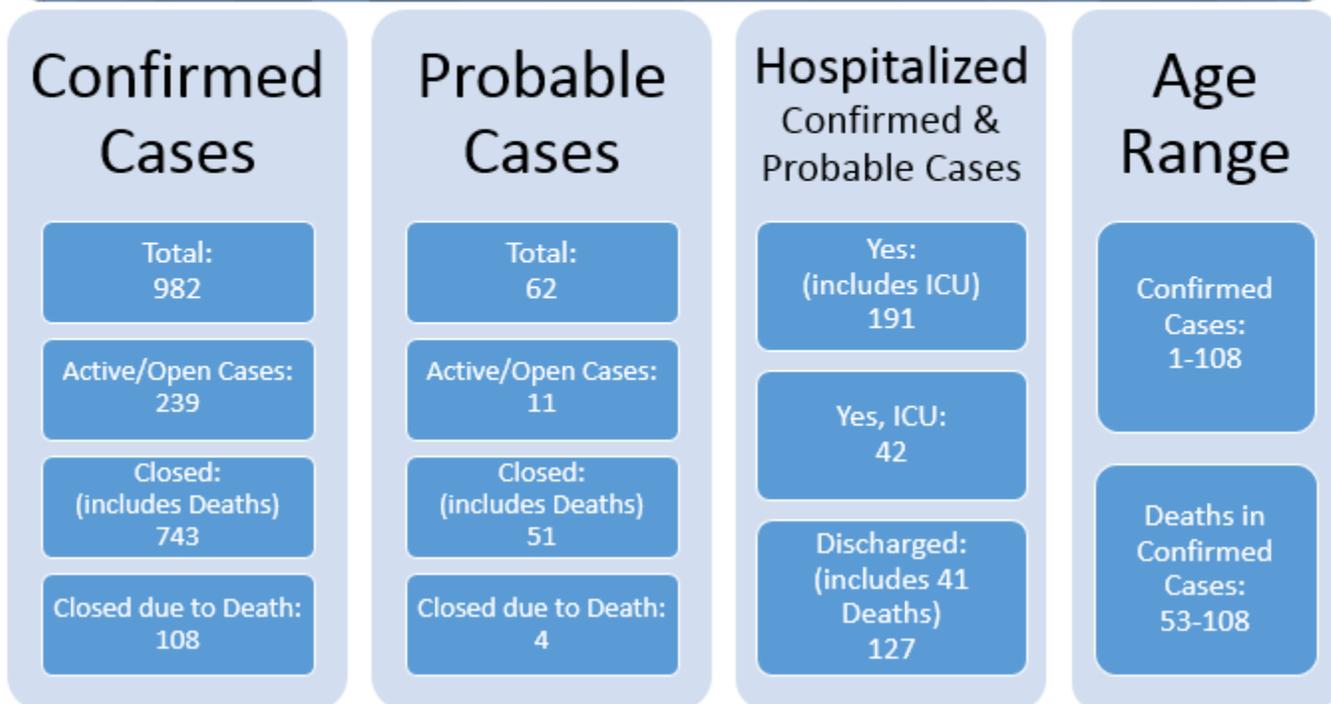
Massillon City Health Department

Stark County Health Department

Stark County, Ohio

June 30, 2020 Epi Report

COVID-19 Snapshot
Stark County, Ohio
As of 11:00am
June 30, 2020



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 06.30.2020 11:00am (for Stark County data) and/or 2:00pm (for Ohio data). Cases from previous days are likely to change as more information is entered.

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Stark County Epi Situational Report - COVID-19

Table 1 as of: 06/30/2020 2:00PM

Next report scheduled: 07/03/2020

Cases Reported to Stark LHDs		
Data as of 06.30.2020 1200		
Positive/Confirmed	982	
Hospitalized	190	19.35%
ICU Admissions	42	4.28%
Deaths in Confirmed Cases	108	11.00%
Probable Cases	62	
Deaths in Probable Cases	4	

Cases Reported to ODH*		
Data as of 06.30.2020 1400		
Positive/Confirmed	48222	
Hospitalized	7839	16.26%
ICU Admissions	1994	4.14%
Deaths in Confirmed Cases	2615	5.42%
Probable Cases	3567	
Deaths in Probable Cases	248	

Descriptive Statistics for Stark County Confirmed Cases

Gender			
	Confirmed Cases		Deaths
Male	435	44.3%	54
Female	543	55.3%	54
Unknown	4	0.4%	0
Total	982		108

Ethnicity			
	Hispanic	Non-Hisp	Unknown
Count	104	730	148
%	11%	74%	15%

Race					
	White	Black	Asian/Pacific Islander	Other	Unknown
Count	698	91	15	107	71
%	71%	9%	2%	11%	7%

Illness Information for Stark County Confirmed Cases-Cumulative Counts

Hospitalized		
Yes	190	19%
No	788	80%
Unknown	4	0%

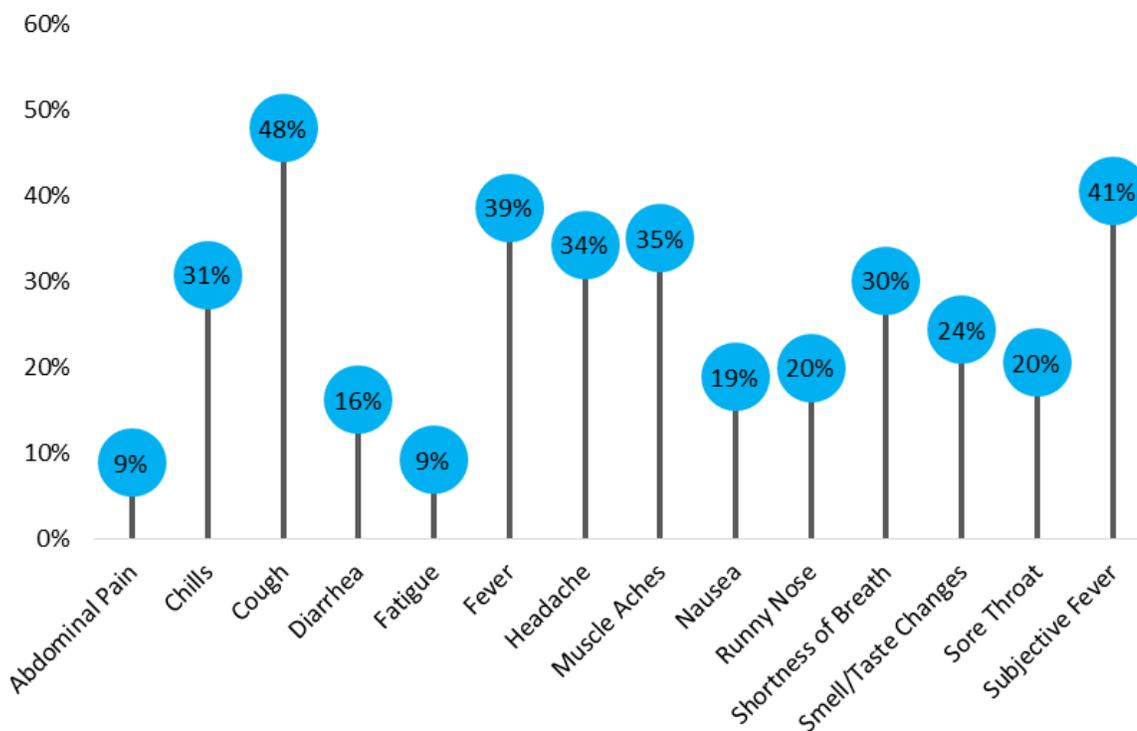
Pre-existing Conditions		
Yes	671	68%
No	311	32%

If hospitalized, in ICU?		
Yes	42	22%
No	148	78%

Discharged from Hospital		
ICU	35	
Other	92	

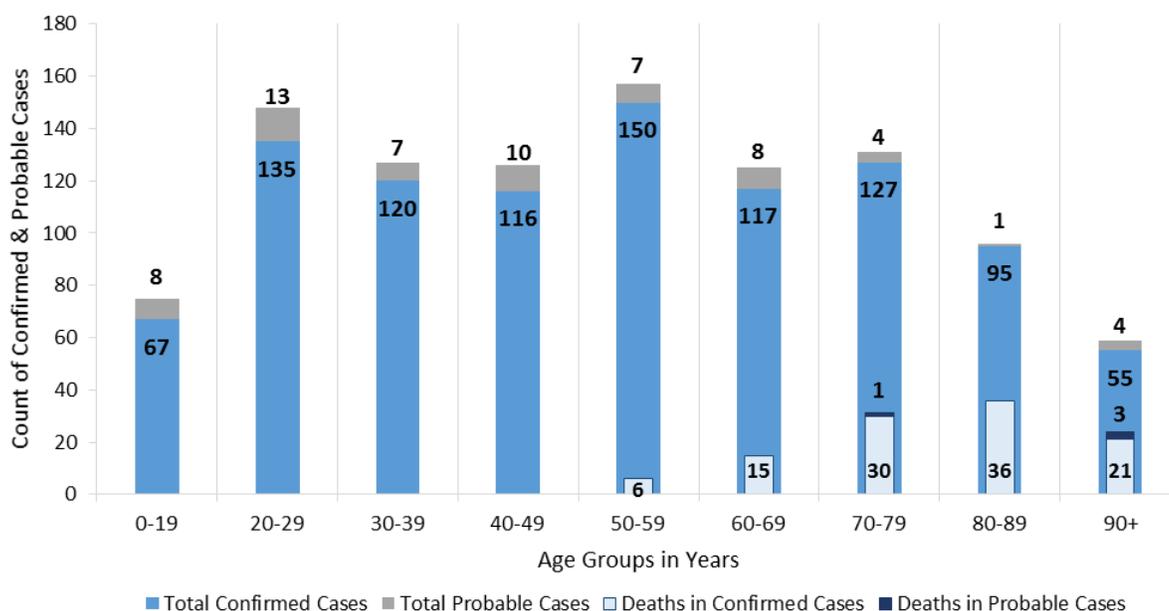
Some cases may be discharged due to death.

Signs & Symptoms in Confirmed Stark County Cases
Graph 1



Graph 1 shows the incidence of signs and symptoms reported in confirmed cases of COVID-19 in Stark County. Two symptoms that are similar are subjective fever where in a patient felt feverish and fever in which is defined as a fever of >100.4F (38C). Additional symptoms may be added in the future as prevalence increases.

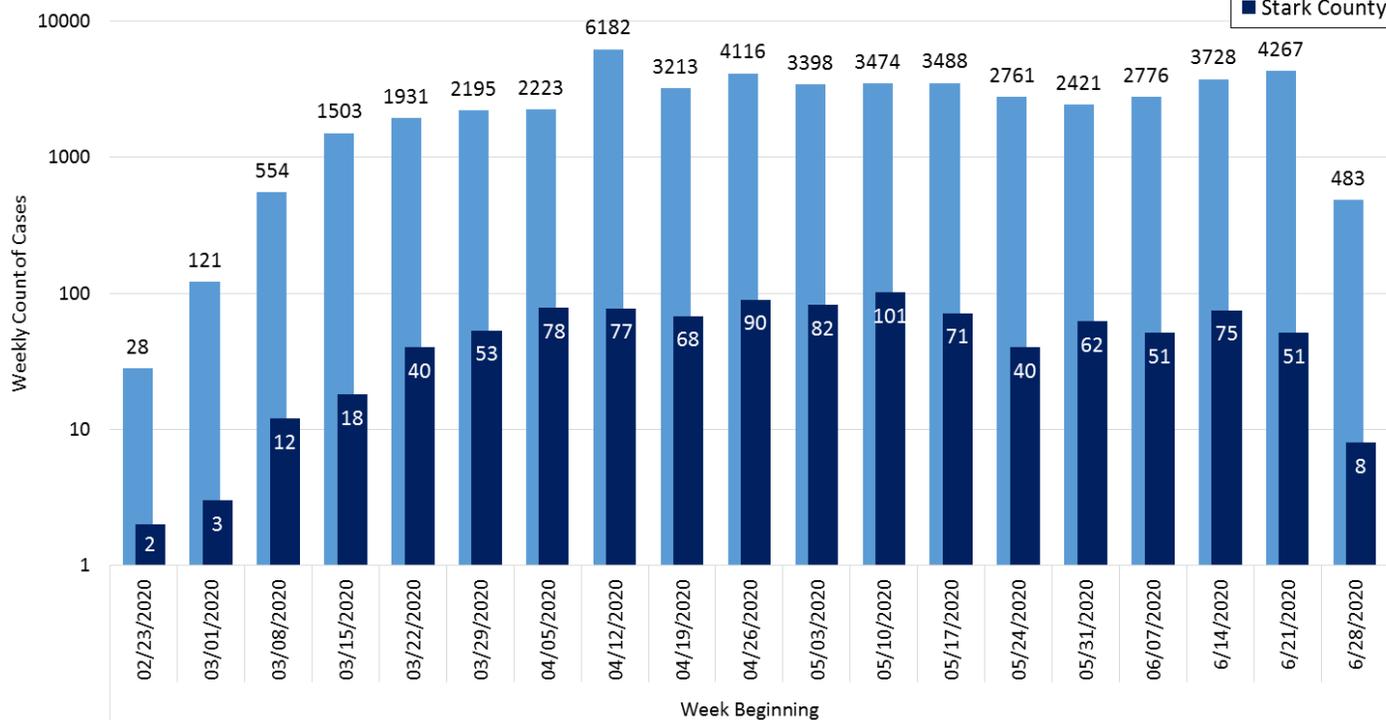
Total Number of Confirmed & Probable Cases by Age Group in Stark County
Graph 2



Graph 2 shows the total number of confirmed and probable cases and deaths in those cases by age group. Age groups may be broken down further as new cases emerge. Deaths counted are based on both laboratory-confirmed cases and probable cases.

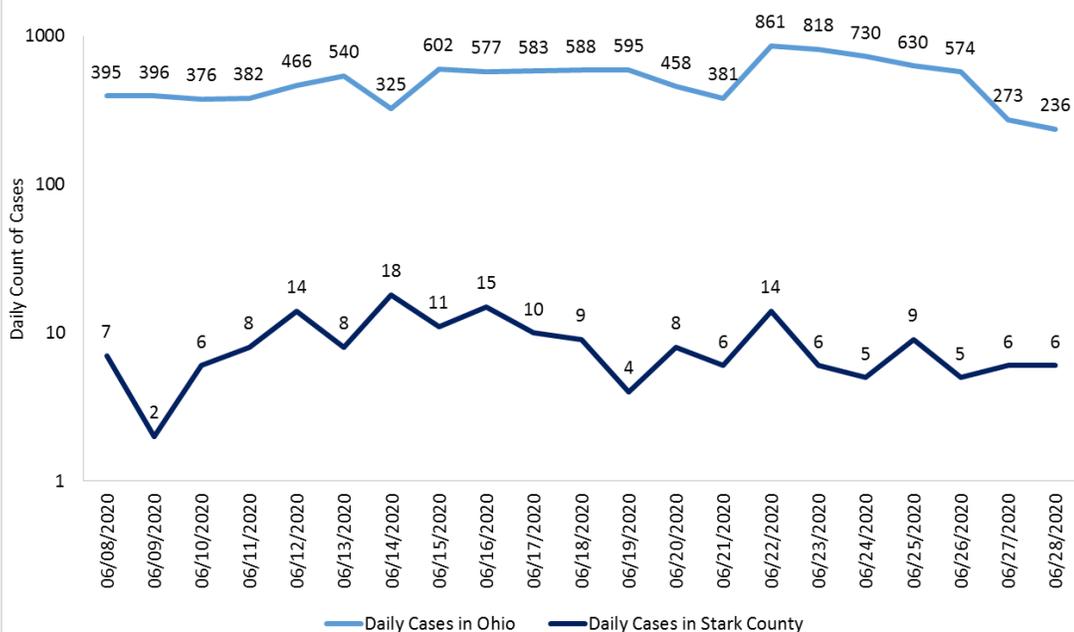
EPIDEMIOLOGICAL REPORT ON COVID-19

Weekly EpiCurve of Confirmed COVID-19 Cases in Stark County and Ohio 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 and Ohio. If the illness onset date is not available, the earliest known date is utilized, which could include 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. Totals may not equal the totals on Table 1

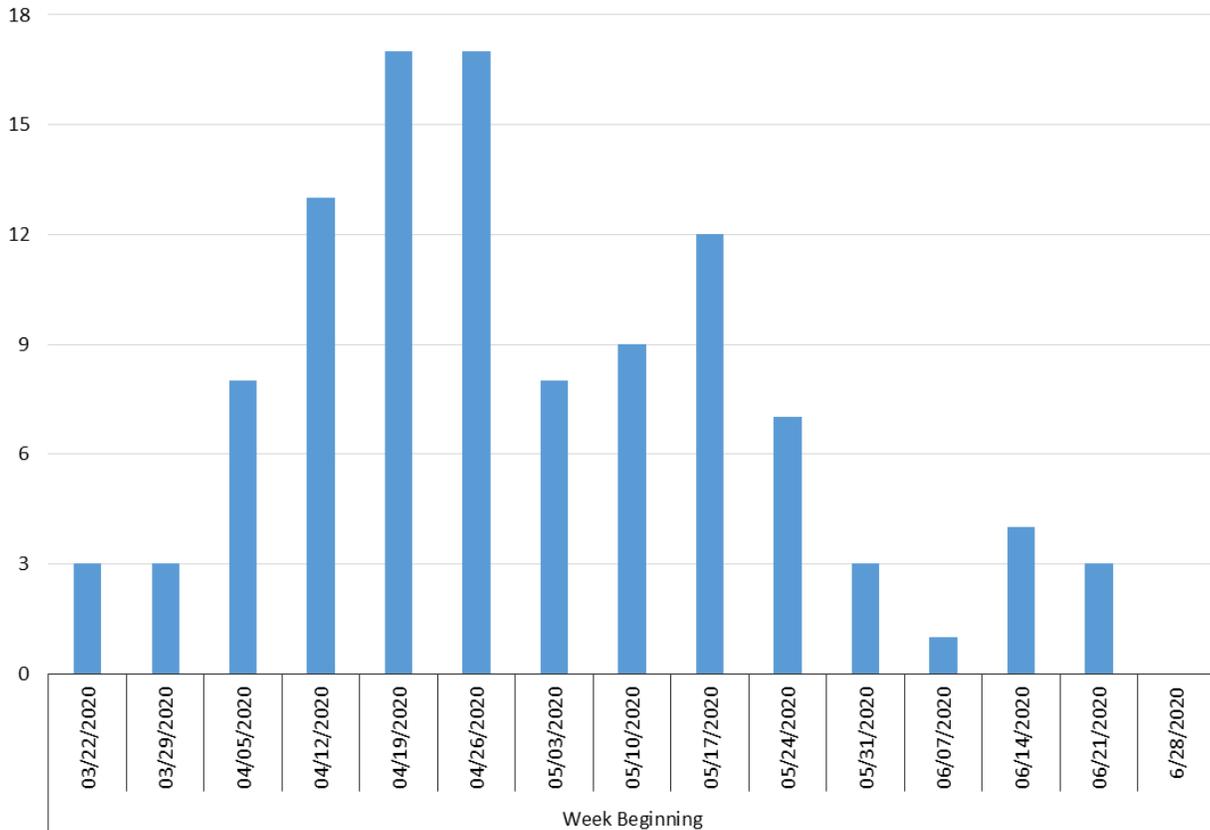
21 Day EpiCurve of Confirmed COVID-19 Cases in Stark County and Ohio by Illness Onset
Graph 4



depending on when data was accessed. Stark County's first confirmed case reported an illness onset date of 2/25/2020, while Ohio had cases prior to 2/23/2020, those are not included. **This data only includes data up until 11:00am on 6/30/2020.**

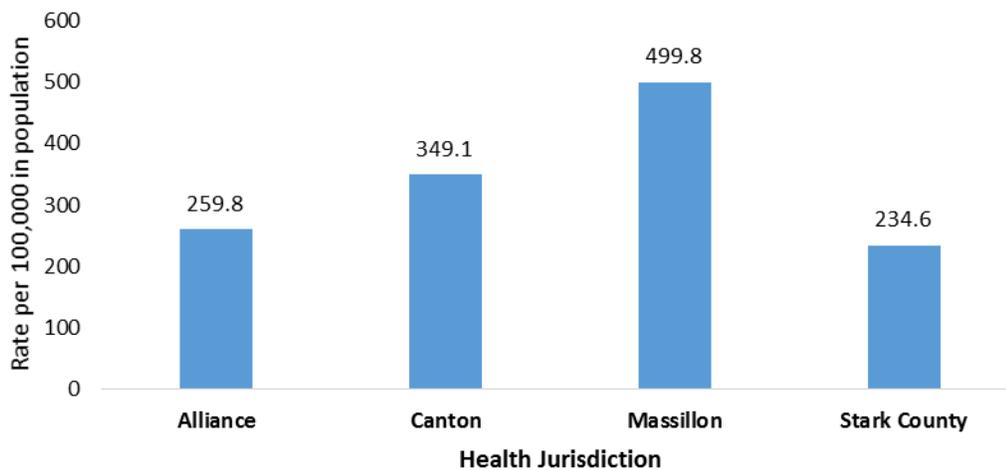
To help highlight short-term daily changes, Graph 4 shows daily case counts of laboratory confirmed cases.

Count of Deaths in Confirmed Cases by Week
Graph 5



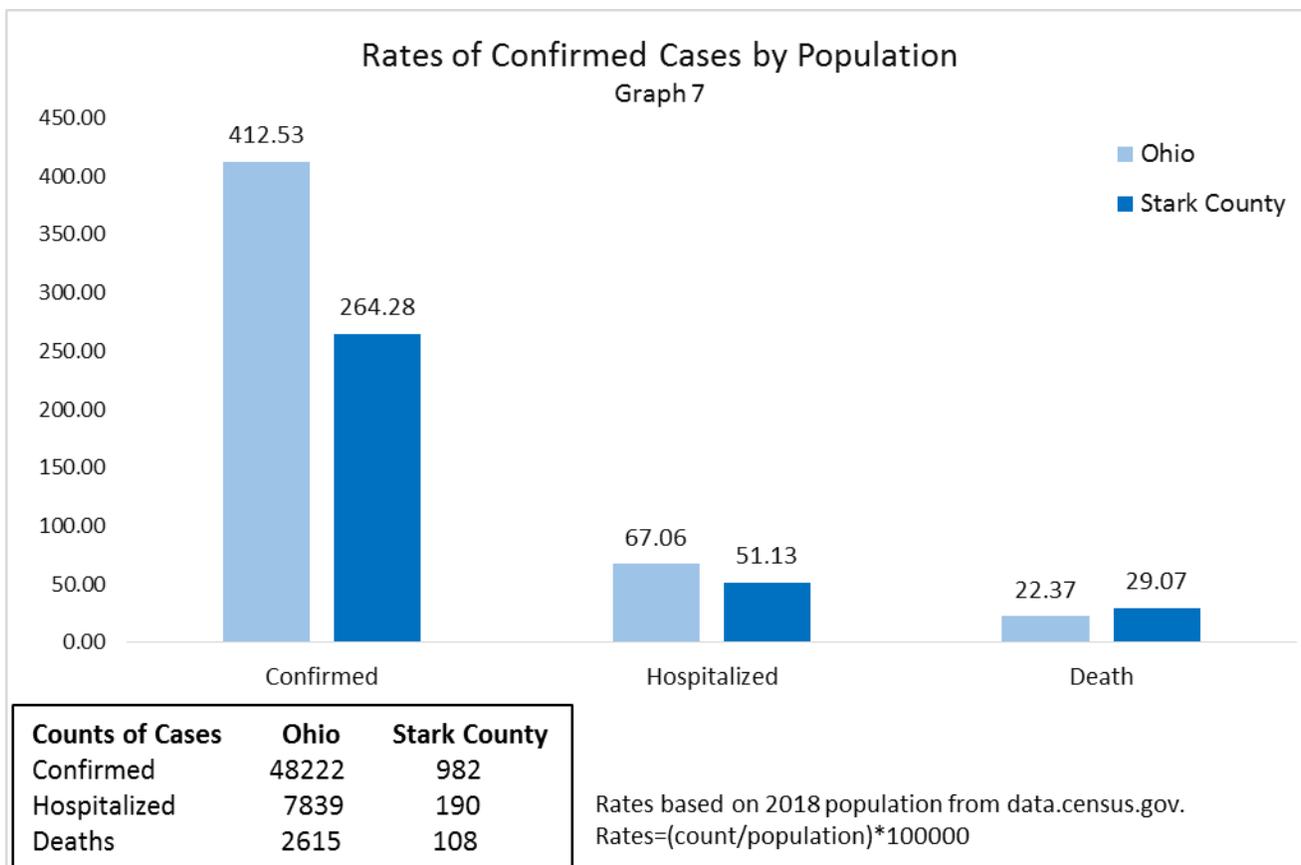
Graph 5 is a breakdown of death counts in laboratory-confirmed cases by week in which the death occurred. Includes deaths documented as of 11:00am on 06/30/2020.

Rate of Confirmed and Probable Cases by Health Jurisdiction
Graph 6



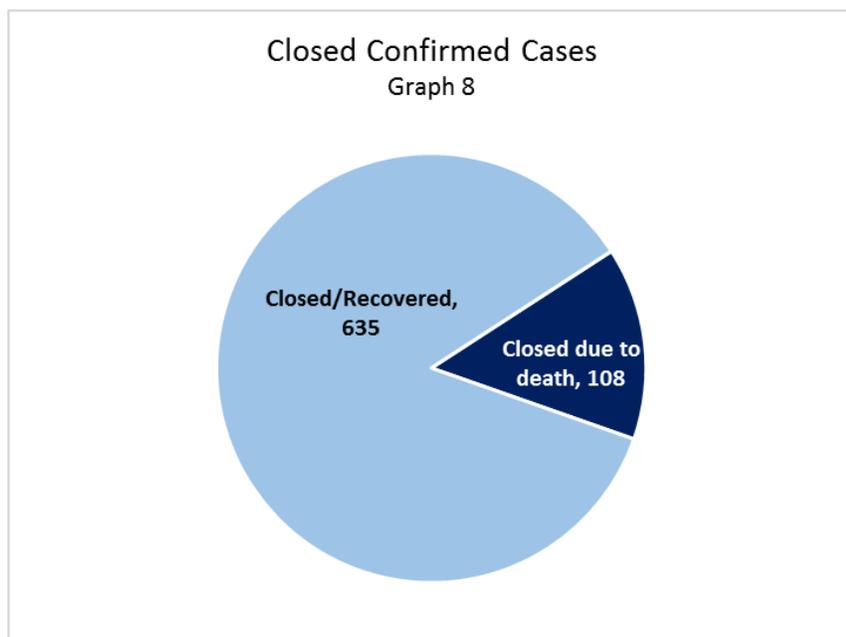
	Probable Cases	Confirmed Cases	Total
Alliance	1	57	58
Canton	26	220	246
Massillon	10	152	162
Stark County	25	553	578

Graph 6 shows the rate of 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= (case count/population) *100000



Graph 7 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 1.6x higher than those in Stark County.
- Ohio’s rate of laboratory confirmed cases who require hospitalization is 1.3x higher than Stark County’s rate.
- Stark County’s rate of death due to COVID-19 complications is 1.3x higher than Ohio’s rate.

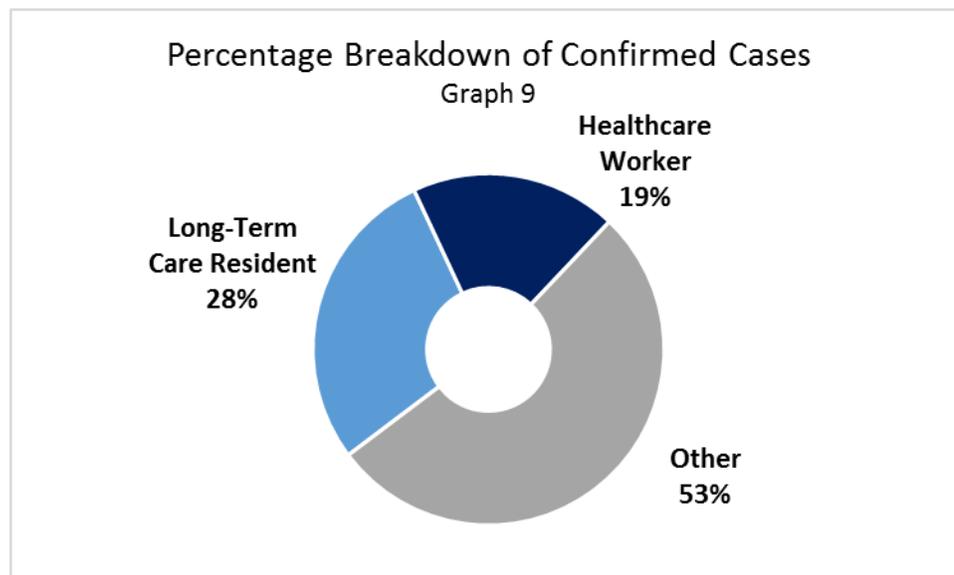


Graph 8 is the counts of confirmed cases closed, either due to closed/recovered or closed due to death. Stark County has a total of 743 cases closed of which 108 (15%) are due to death.

Cases can be closed for the following reasons:

- The person passed away.
- Symptoms have resolved in that case.
- The person is no longer being followed by the local health department.

As we are seeing more of a focus on health care workers and long-term care facilities, we are offering some additional information.



Graph 9* shows a breakdown of categories in confirmed cases. Healthcare workers account for 19% of the confirmed cases while long-term care residents account for 28% of confirmed cases. The remaining 53% do not belong in either of those categories. The percentages are based off of those that were affirmatively indicated to be either a healthcare worker or long-term care resident.

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>

*Due to priority testing guidelines both long-term care residents and healthcare workers, were initially in High Priority groups for testing. As testing has progressed, other Stark County residents are able to be tested on a more regular basis. Link for more information on priority categories is included on the last page of this document.

EPIDEMIOLOGICAL REPORT ON COVID-19

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.

A confirmed case or death is defined by meeting confirmatory laboratory evidence for COVID-19. A probable case or death is defined by i) meeting clinical criteria AND epidemiologic evidence with no confirmatory laboratory testing performed for COVID-19; or ii) meeting presumptive laboratory evidence AND either clinical criteria OR epidemiologic evidence; or iii) meeting vital records criteria with no confirmatory laboratory testing performed for COVID19.

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.”

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-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/>