

**A joint collaboration between Stark County Public Health Agencies:**

Alliance City Health Department  
 Massillon City Health Department

Canton City Public Health  
 Stark County Health Department

**Stark County, Ohio  
 July 17, 2020 Epi Report**

<p><b>COVID-19 Snapshot                  Stark County, Ohio                  as of 12:00pm                  July 17, 2020</b></p>	Level 1	Level 2	Level 3	Level 4
	<p>Stark County is currently at a <b>Level 2 (Orange)</b> Status as indicated by the Ohio Public Health Advisory System</p> <p>For information on the Ohio Public Health Advisory System, please visit:  <a href="https://coronavirus.ohio.gov/wps/portal/gov/covid-19/public-health-advisory-system/">https://coronavirus.ohio.gov/wps/portal/gov/covid-19/public-health-advisory-system/</a></p>			

Confirmed Cases	Probable Cases	Hospitalized Confirmed & Probable Cases	Age Range
Total: 1251	Total: 75	Yes: (includes ICU) 215	Confirmed Cases: 1-108
Active/Open Cases: 337	Active/Open Cases: 13	Yes, ICU: 48	Deaths in Confirmed Cases: 51-108
Closed: (includes Deaths) 897	Closed: (includes Deaths) 62	Discharged: (includes 47 Deaths) 139	
Closed due to Death: 116	Closed due to Death: 4		

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 07.17.2020 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.

For questions regarding this report, please contact:  
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**Stark County Epi Situational Report - COVID-19**

**Table 1 as of: 07/17/2020 2:00PM**

Next report scheduled: 07/21/2020

Cases Reported to Stark LHDs		
Data as of 07.17.2020 1200		
Positive/Confirmed	1251	
Hospitalized	214	17.11%
ICU Admissions	48	3.84%
Deaths in Confirmed Cases	116	9.27%
Probable Cases	75	
Deaths in Probable Cases	4	

Cases Reported to ODH		
Data as of 07.17.2020 1400		
Positive/Confirmed	68175	
Hospitalized	9364	13.74%
ICU Admissions	2305	3.38%
Deaths in Confirmed Cases	2858	4.19%
Probable Cases	4105	
Deaths in Probable Cases	254	

**Descriptive Statistics for Stark County Confirmed Cases**

Gender			
	Confirmed Cases		Deaths
Male	536	42.8%	58
Female	711	56.8%	58
Unknown	4	0.3%	0
Total	1251		116

Ethnicity			
	Hispanic	Non-Hisp	Unknown
Count	110	917	224
%	9%	73%	18%

Race					
	White	Black	Asian/Pacific Islander	Other	Unknown
Count	877	118	15	116	125
%	70%	9%	1%	9%	10%

**Illness Information for Stark County Confirmed Cases-Cumulative Counts**

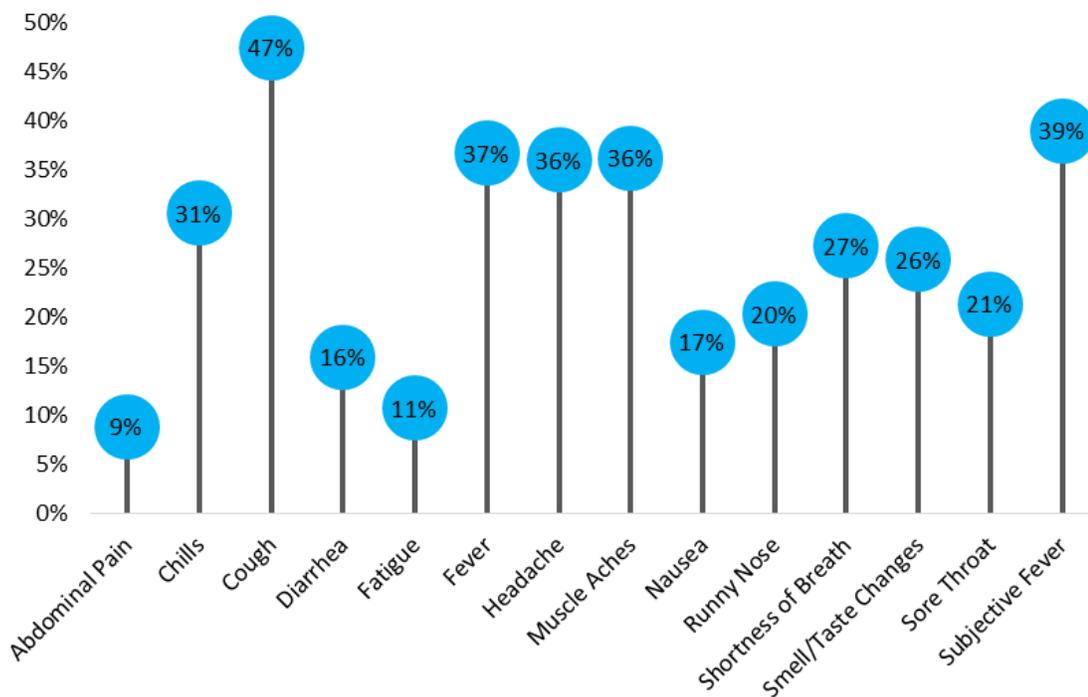
Hospitalized		
Yes	214	17%
No	1033	83%
Unknown	4	0%

Pre-existing Conditions		
Yes	816	65%
No	435	35%

If hospitalized, in ICU?		
Yes	48	22%
No	166	78%

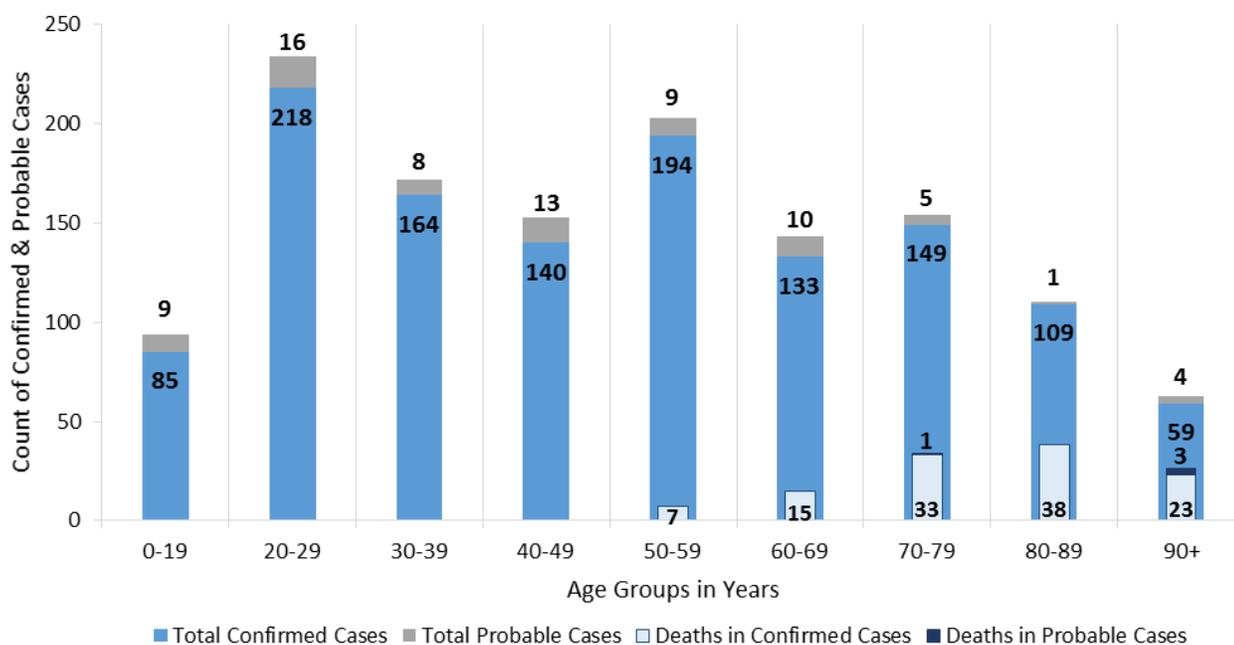
Discharged from Hospital		
ICU	38	
Other	101	
Some cases may be discharged due to death.		

Signs & Symptoms in Confirmed Stark County Cases  
Graph 1



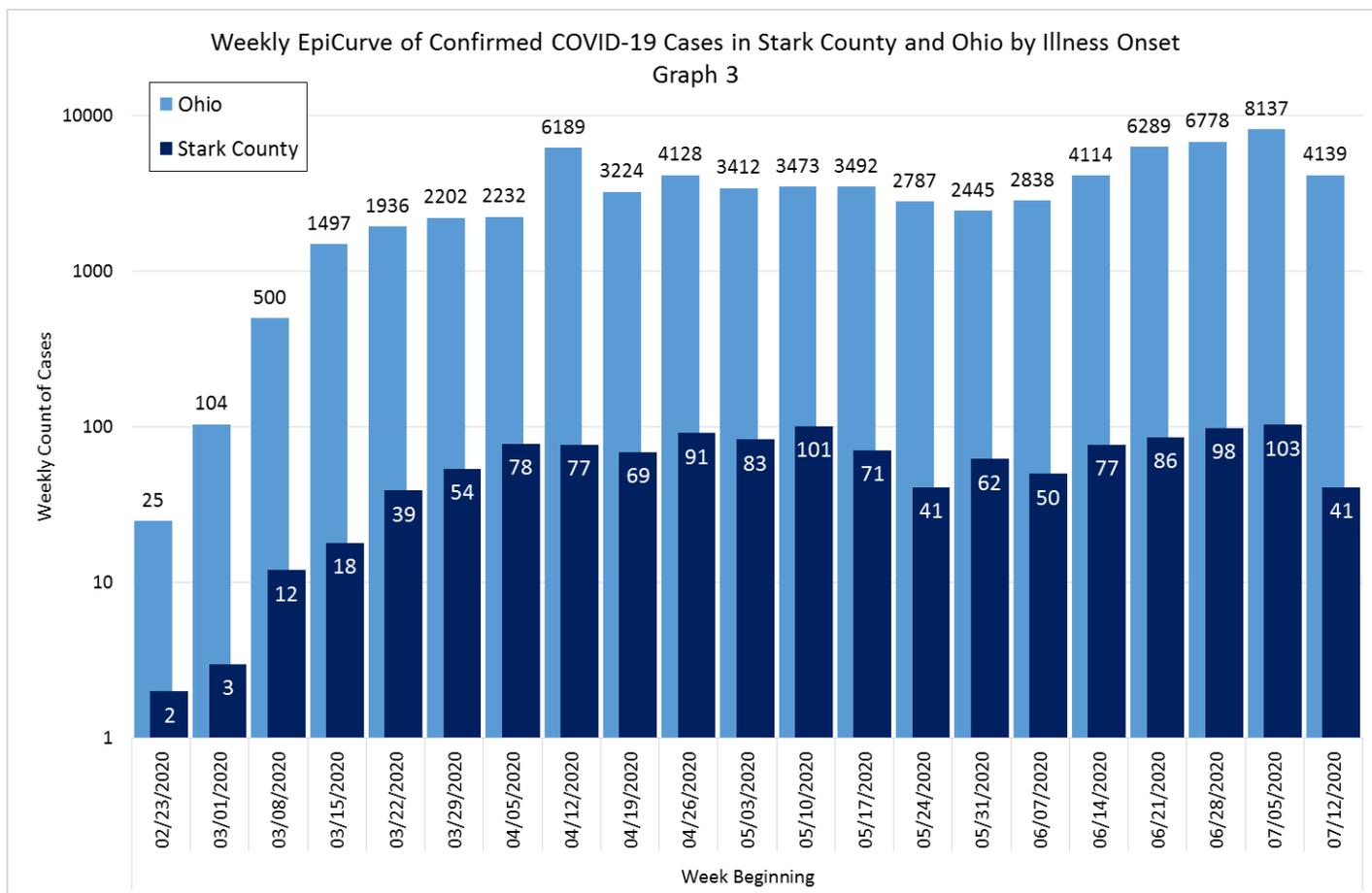
Graph 1 shows the incidence of signs and symptoms reported in confirmed cases of COVID-19 in Stark County. Two symptoms that are similar are subjective fever where in a patient felt feverish and fever in which is defined as a fever of >100.4F (38C). Additional symptoms may be added in the future as prevalence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

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



Graph 2 shows the cumulative number of laboratory-confirmed and probable cases and deaths in those cases by age group. Age groups may be broken down further as new cases emerge.

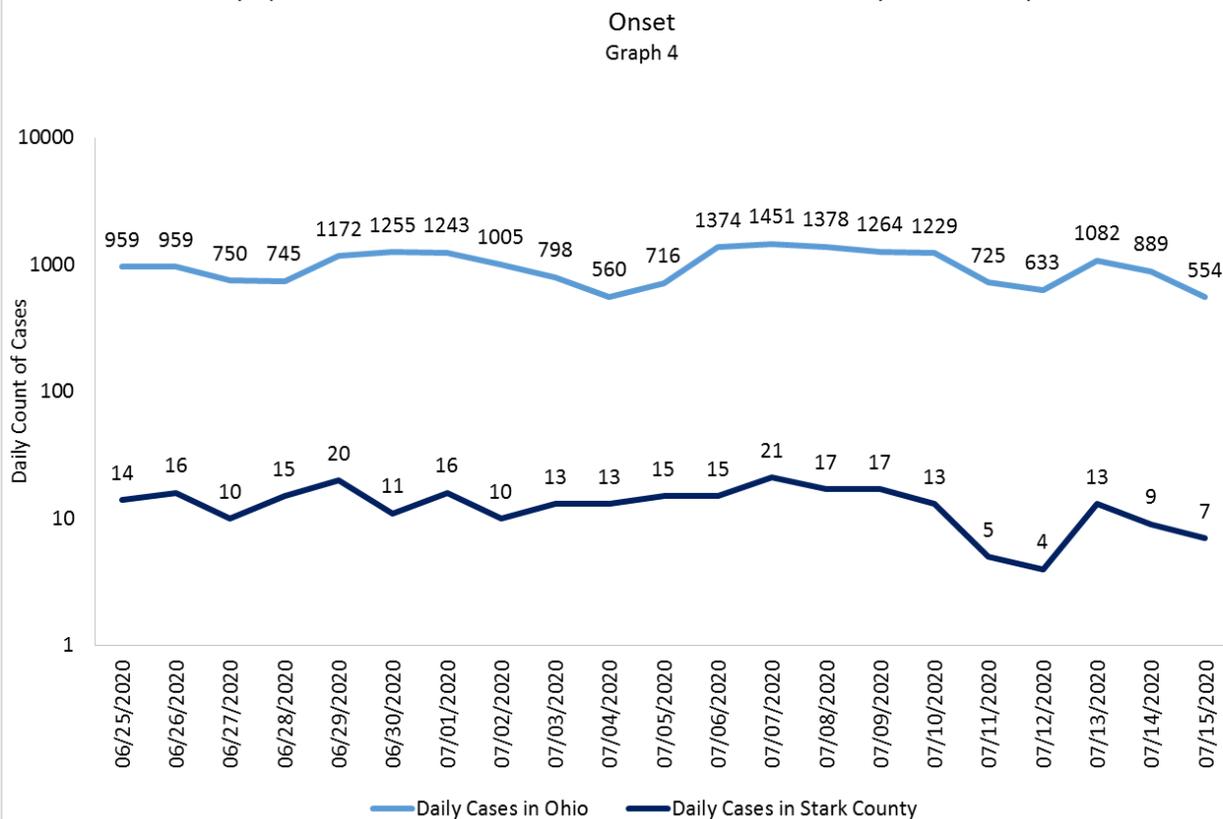
## EPIDEMIOLOGICAL REPORT ON COVID-19



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 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 12:00pm on 7/17/2020.**

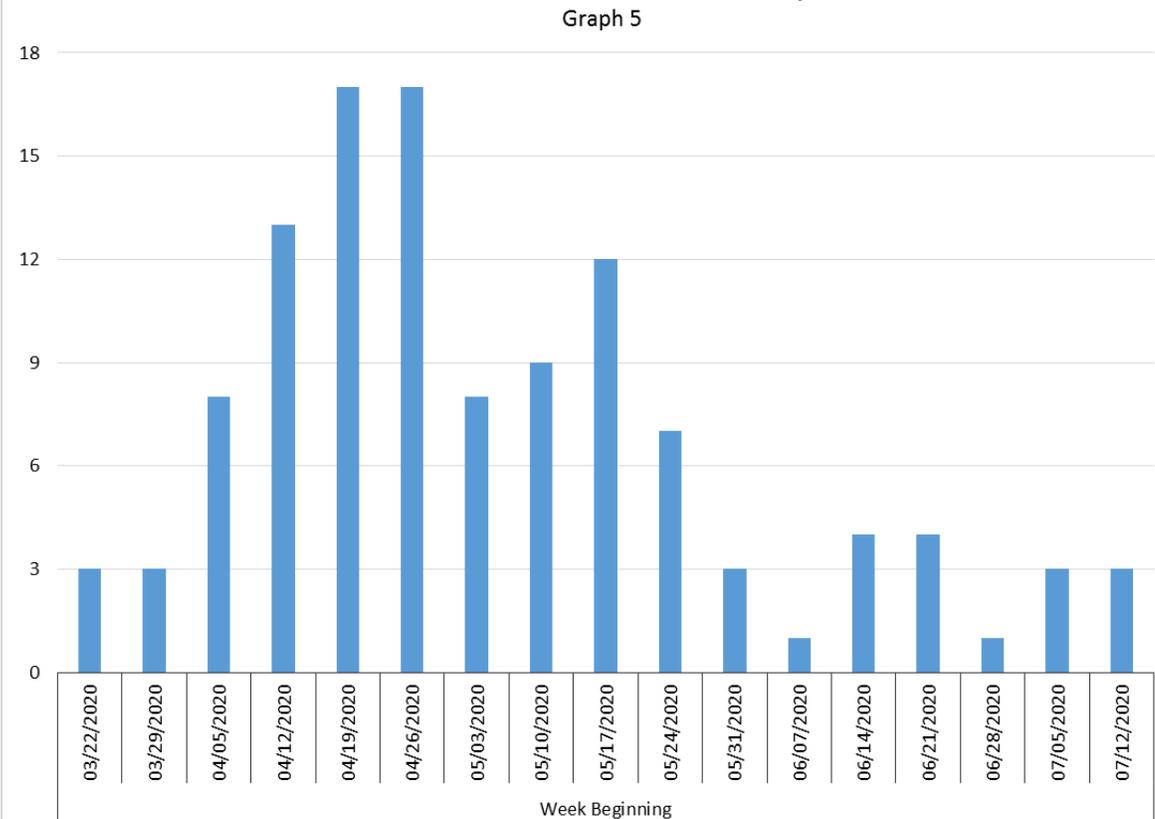
## EPIDEMIOLOGICAL REPORT ON COVID-19

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



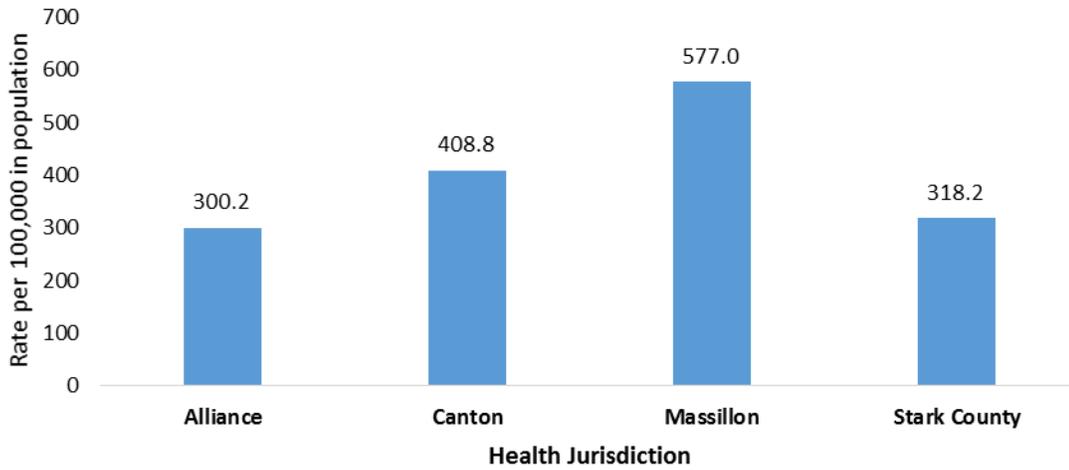
To help highlight short-term daily changes, Graph 4 shows daily counts of laboratory confirmed cases for a 21 day period.

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 12:00pm on 07/17/2020.

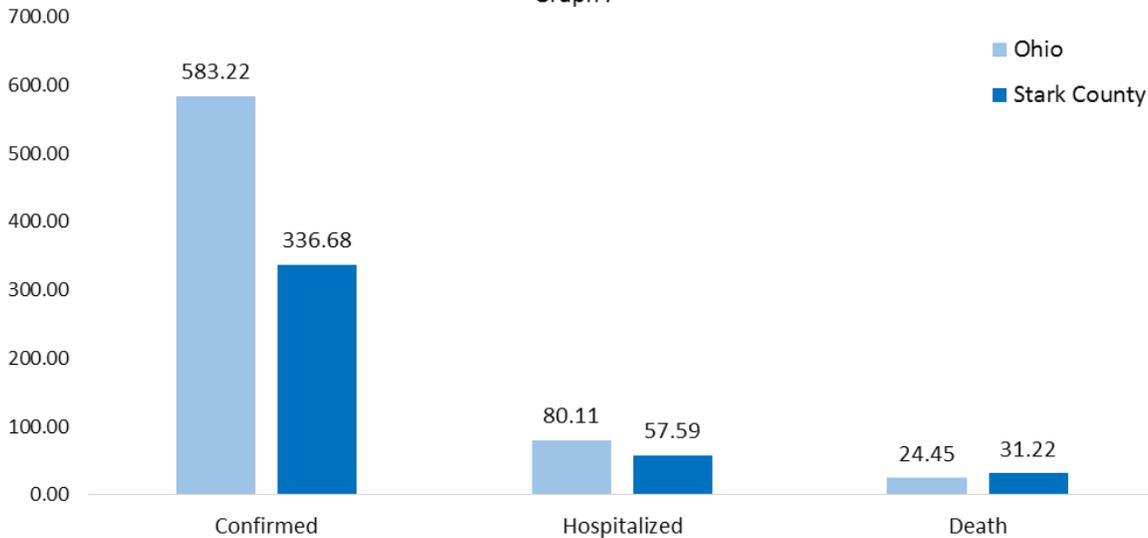
Rate of Confirmed and Probable Cases by Health Jurisdiction  
Graph 6



	Probable Cases	Confirmed Cases	Total
Alliance	1	66	67
Canton	26	262	288
Massillon	9	178	187
Stark County	39	745	784

Graph 6 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=(case count/population) \*100000

Rates of Confirmed Cases by Population  
Graph 7



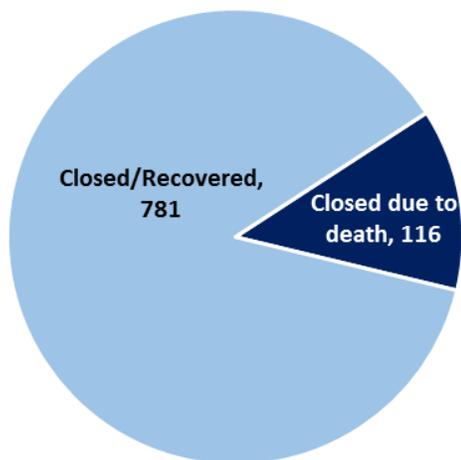
Counts of Cases	Ohio	Stark County
Confirmed	68175	1251
Hospitalized	9364	214
Deaths	2858	116

Rates based on 2018 population from data.census.gov.  
Rates=(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 1.7x higher than those in Stark County.
- Ohio's rate of laboratory confirmed cases who require hospitalization is 1.4x 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.

Closed Confirmed Cases  
Graph 8

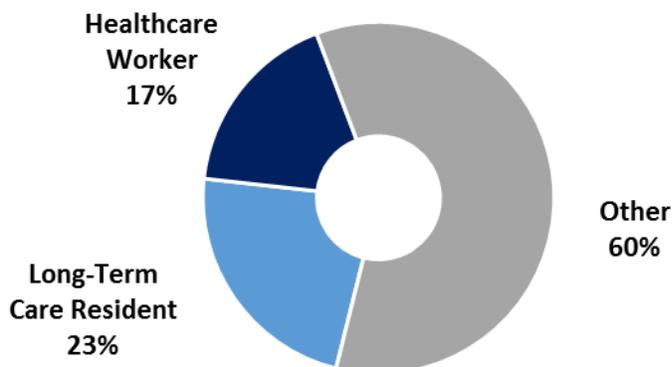


Graph 8 is the counts of confirmed cases closed, either due to closed/recovered or closed due to death. Stark County has a total of 897 cases closed of which 116 (13%) are due to death.

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.

Percentage Breakdown of Confirmed Cases  
Graph 9



Graph 9\* shows a breakdown of categories in confirmed cases. Healthcare workers account for 17% of the confirmed cases while long-term care residents account for 23% of confirmed cases. The remaining 60% 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](http://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 COVID-19.

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](http://coronavirus.ohio.gov), ODH data warehouse, and [census.gov](http://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/>

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>