

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

July 24, 2020 Epi Report

**COVID-19 Snapshot
Stark County, Ohio
as of 12:00pm
July 24, 2020**

Level 1

Level 2

Level 3

Level 4

Stark County is currently at a **Level 1 (Yellow)** Status as indicated by the Ohio Public Health Advisory System

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:
1409

Active/Open Cases:
435

Closed:
(includes Deaths)
974

Closed due to Death:
117

Probable Cases

Total:
88

Active/Open Cases:
26

Closed:
(includes Deaths)
62

Closed due to Death:
4

**Hospitalized
Confirmed &
Probable Cases**

Yes:
(includes ICU)
225

Yes, ICU:
49

Discharged:
(includes 48
Deaths)
160

**Age
Range**

Confirmed
Cases:
1-108

Deaths in
Confirmed
Cases:
51-108

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 07.24.2020 11:30am (for Stark County data) and/or 2:00pm (for Ohio data). Cases from previous days are likely to change as more information is entered. **We are aware of one additional death that is not included in today's report due to incomplete information. This case will be added once information is completed.**

For questions regarding this report, please contact:

Amanda Archer, MPH aarcher@cantonhealth.org

Jessica Boley, RD, LD jboley@cantonhealth.org

Chelsea Sadinski, MPH SadinskiC@starkhealth.org



Stark County Epi Situational Report - COVID-19

Table 1 as of: 07/24/2020 2:00PM

Next report scheduled: 07/28/2020

Cases Reported to Stark LHDs

Data as of 07.24.2020 1200

Positive/Confirmed	1409	
Hospitalized	224	15.90%
ICU Admissions	49	3.48%
Deaths in Confirmed Cases	117	8.30%
Probable Cases	88	
Deaths in Probable Cases	4	

Cases Reported to ODH

Data as of 07.24.2020 1400

Positive/Confirmed	77309	
Hospitalized	10072	13.03%
ICU Admissions	2419	3.13%
Deaths in Confirmed Cases	3039	3.93%
Probable Cases	4437	
Deaths in Probable Cases	258	

Descriptive Statistics for Stark County Confirmed Cases

Gender

	Confirmed Cases		Deaths
Male	601	42.7%	59
Female	803	57.0%	58
Unknown	5	0.4%	0
Total	1409		117

Ethnicity

	Hispanic	Non-Hisp	Unknown
Count	112	1025	272
%	8%	73%	19%

Race

	White	Black	Asian/Pacific Islander	Other	Unknown
Count	979	134	15	114	167
%	69%	10%	1%	8%	12%

Illness Information for Stark County Confirmed Cases-Cumulative Counts

Hospitalized

Yes	224	16%
No	1179	84%
Unknown	6	0%

Pre-existing Conditions

Yes	931	66%
No	478	34%

If hospitalized, in ICU?

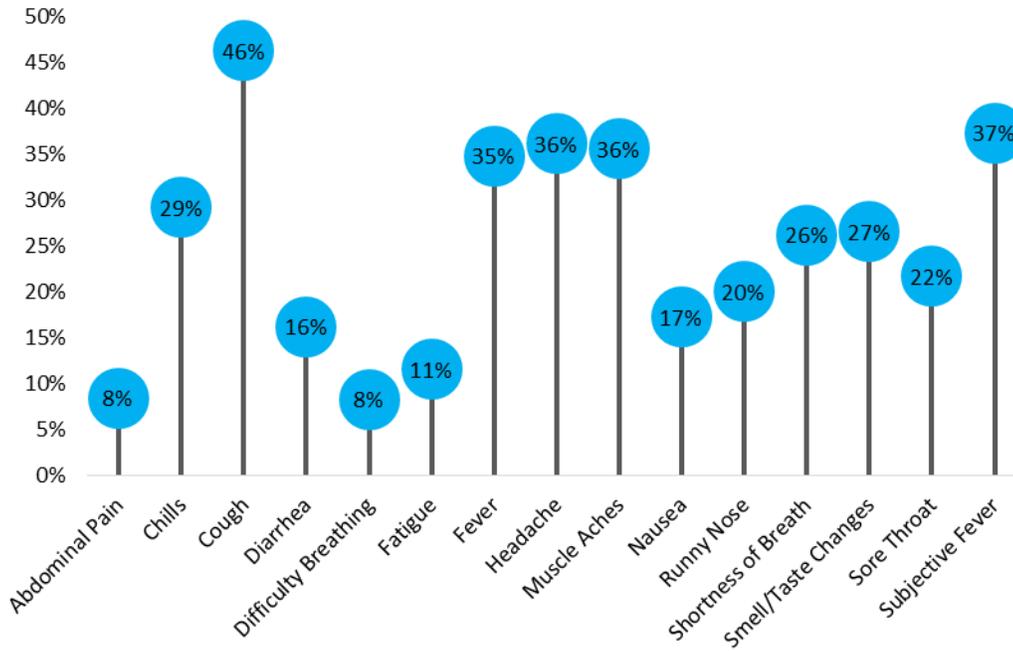
Yes	49	22%
No	175	78%

Discharged from Hospital

ICU	41	
Other	119	

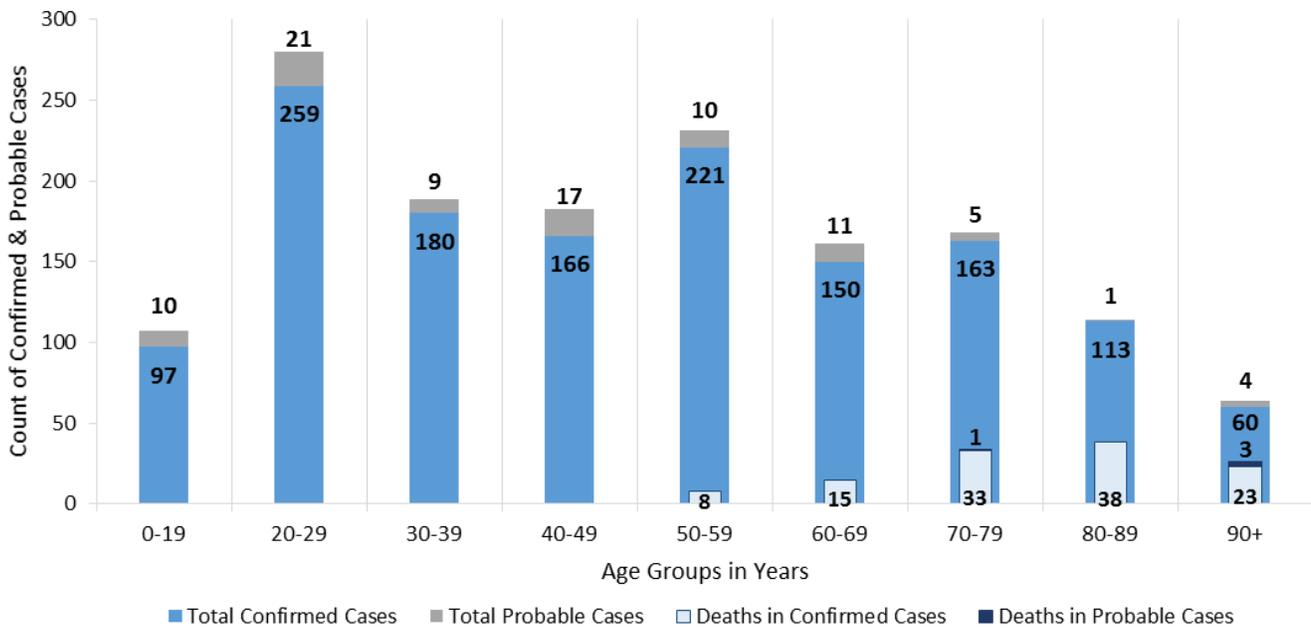
Some cases may be discharged due to death.

Signs & Symptoms in Confirmed Stark County Cases
Graph 1



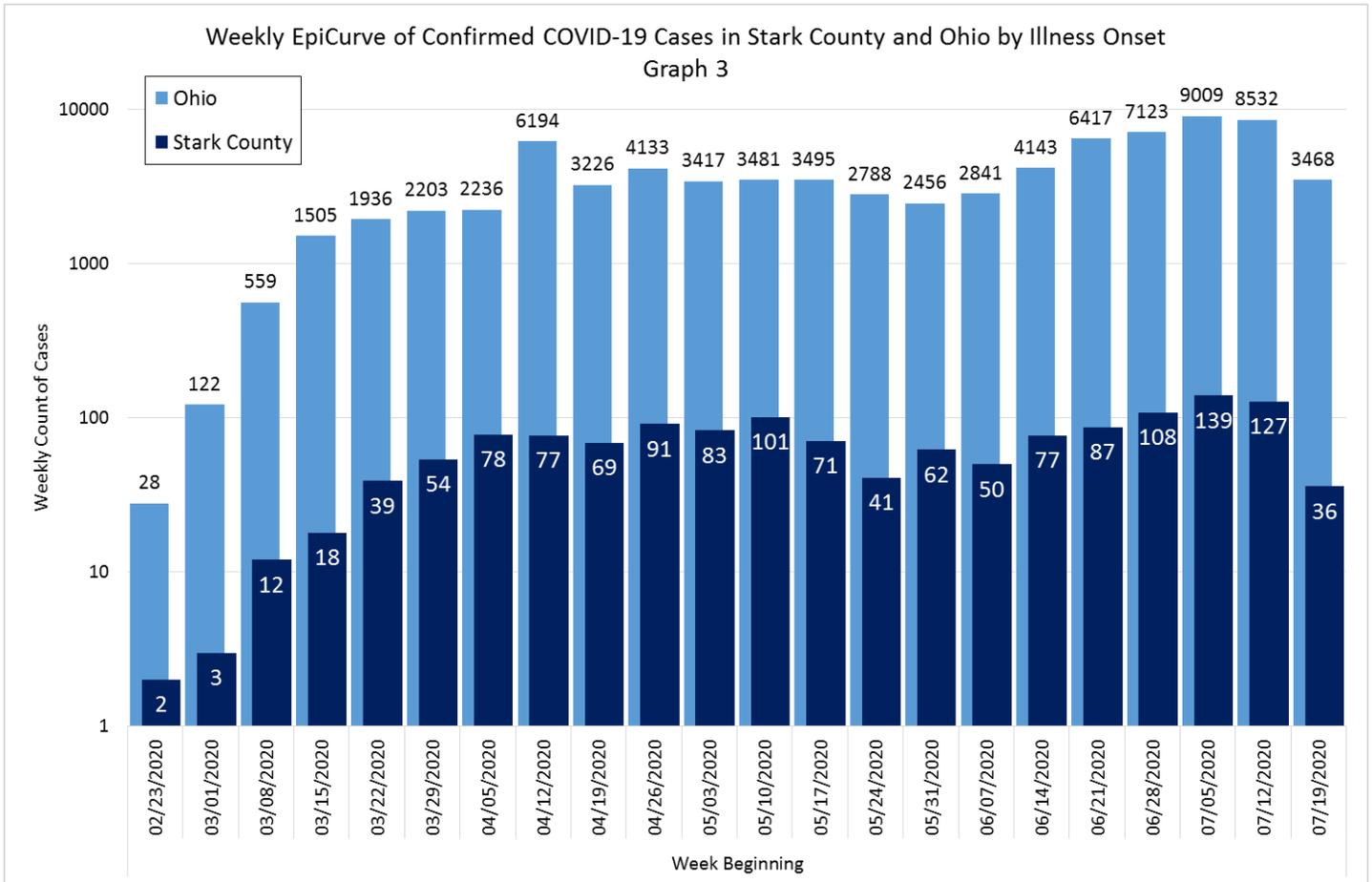
Graph 1 shows the incidence of signs and symptoms reported in confirmed cases of COVID-19 in Stark County. Two symptoms that are similar are subjective fever where in a patient felt feverish and fever in which is defined as a fever of >100.4F (38C). Difficulty breathing has been added due to now being documented in over 100 cases. 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. **We are aware of one additional death that is not included in today's report due to incomplete information. This case will be added once information is completed.**

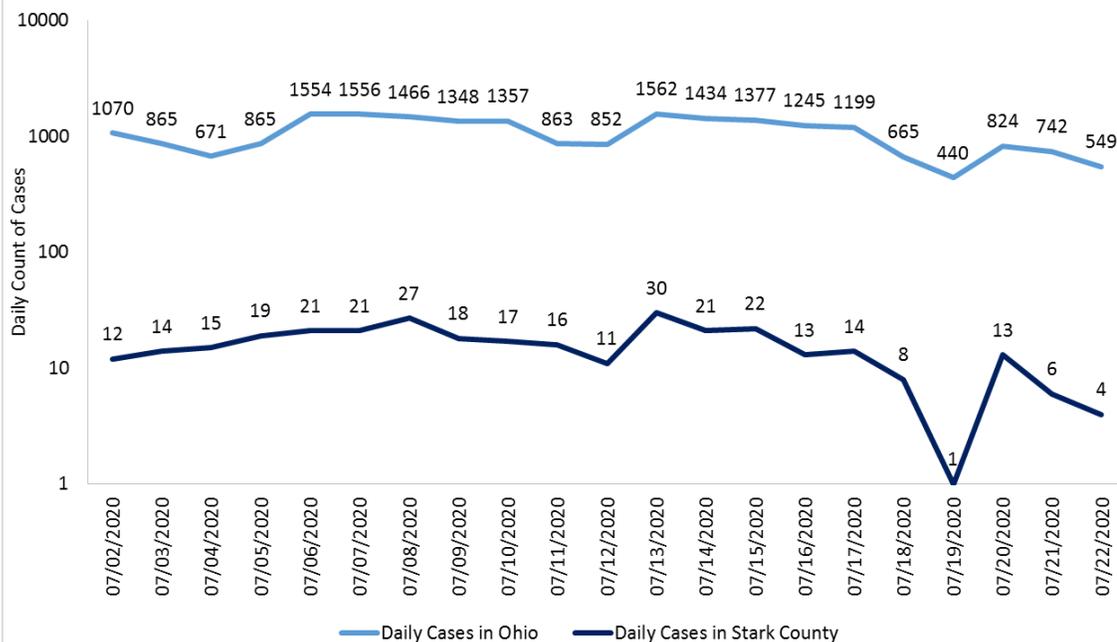
EPIDEMIOLOGICAL REPORT ON COVID-19



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 11:30am on 7/24/2020.**

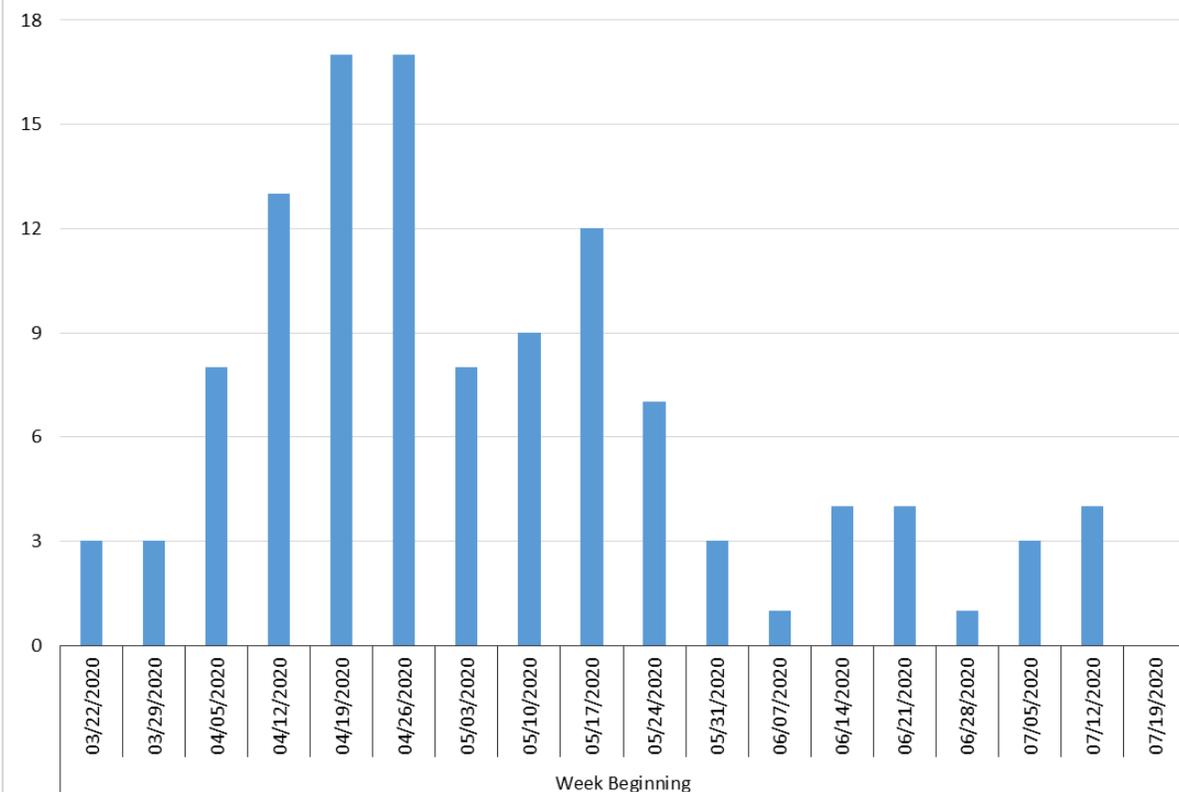
EPIDEMIOLOGICAL REPORT ON COVID-19

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



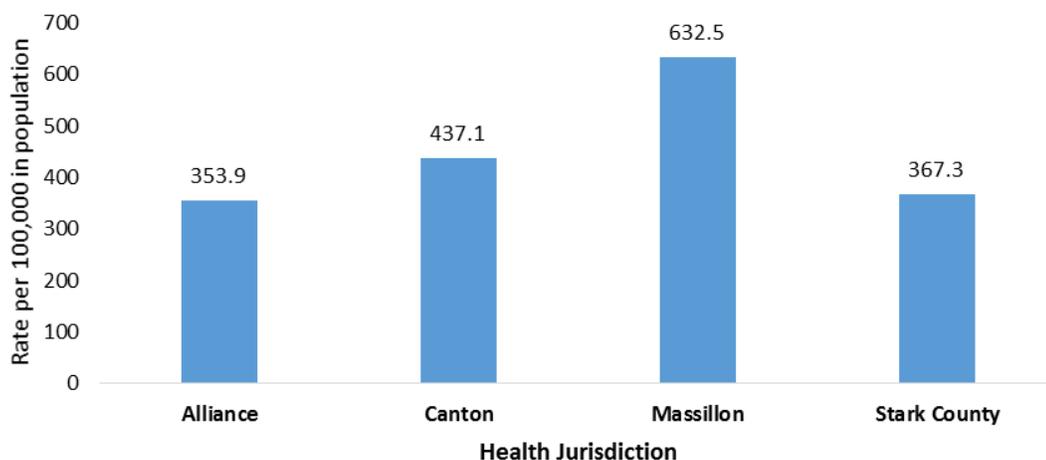
To help highlight short-term daily changes, Graph 4 shows daily counts of laboratory confirmed cases for a 21 day period.

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 11:30am on 07/24/2020. **We are aware of one additional death that is not included in today's report due to incomplete information. This case will be added once information is completed.**

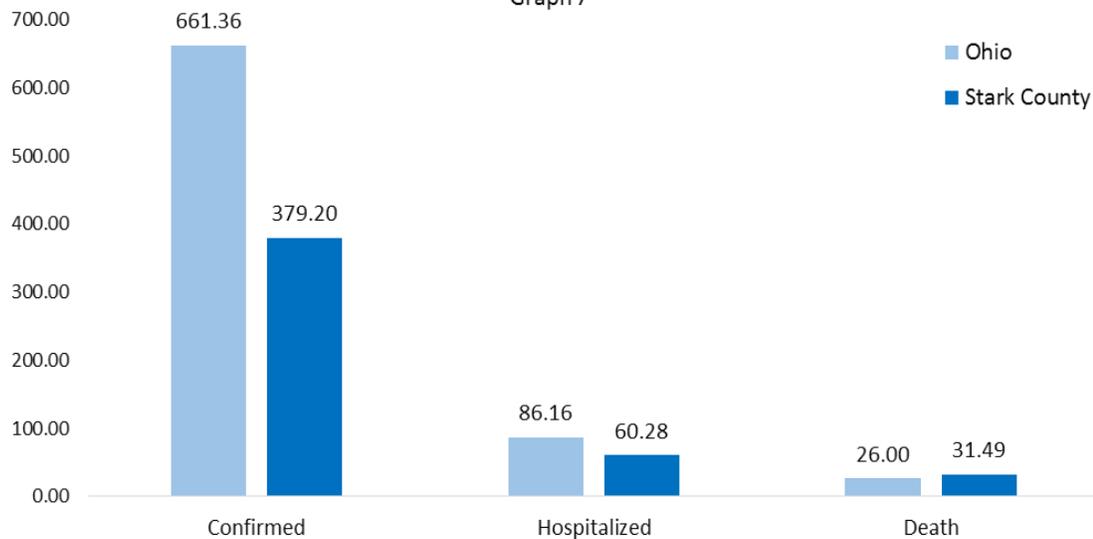
Rate of Confirmed and Probable Cases by Health Jurisdiction
Graph 6



	Probable Cases	Confirmed Cases	Total
Alliance	1	78	79
Canton	29	279	308
Massillon	10	195	205
Stark County	48	857	905

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	77309	1409
Hospitalized	10072	224
Deaths	3039	117

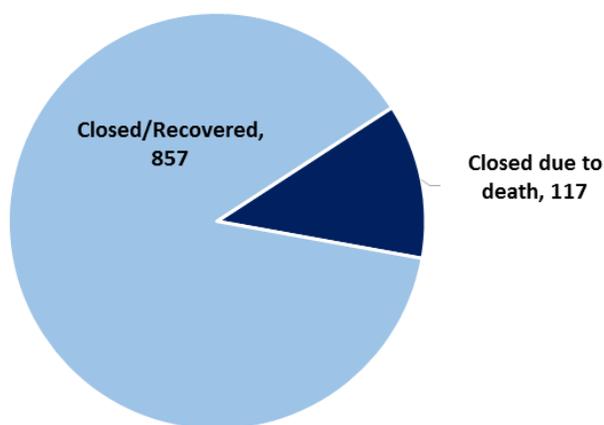
Rates based on 2018 population from data.census.gov.
Rates=(count/population)*100000

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 and is based on total cumulative confirmed cases. **We are aware of one additional death that is not included in today's report due to incomplete information. This case will be added once information is completed.**

- 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 1.2x higher than Ohio's rate.

Closed Confirmed Cases

Graph 8



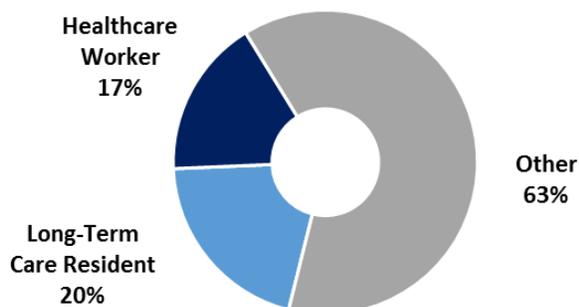
Graph 8 is the counts of confirmed cases closed, either due to closed/recovered or closed due to death. Stark County has a total of 974 cases closed of which 117 (8%) are due to death. **We are aware of one additional death that is not included in today's report due to incomplete information. This case will be added once information is completed.**

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 20% of confirmed cases. The remaining 63% 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.

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.

EPIDEMIOLOGICAL REPORT ON COVID-19

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, 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 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>

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>