

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 07, 2020 Epi Report

**COVID-19 Snapshot
Stark County, Ohio
as of 12:00pm
July 07, 2020**

Level 1

Level 2

Level 3

Level 4

Stark County is currently at a **Level 2 (Orange)** Status as indicated by the Ohio Public Health Advisory System

Please see the last page of this report for a link to more information

Confirmed Cases

Total:
1072

Active/Open Cases:
246

Closed:
(includes Deaths)
826

Closed due to Death:
109

Probable Cases

Total:
72

Active/Open Cases:
14

Closed:
(includes Deaths)
58

Closed due to Death:
4

**Hospitalized
Confirmed &
Probable Cases**

Yes:
(includes ICU)
199

Yes, ICU:
45

Discharged:
(includes 42
Deaths)
131

**Age
Range**

Confirmed
Cases:
1-108

Deaths in
Confirmed
Cases:
53-108

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 07.07.2020 12:00pm (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: 07/07/2020 2:00PM

Next report scheduled: 07/10/2020

Cases Reported to Stark LHDs		
Data as of 07.07.2020 1200		
Positive/Confirmed	1072	
Hospitalized	198	18.47%
ICU Admissions	45	4.20%
Deaths in Confirmed Cases	109	10.17%
Probable Cases	72	
Deaths in Probable Cases	4	

Cases Reported to ODH		
Data as of 07.07.2020 1400		
Positive/Confirmed	55150	
Hospitalized	8383	15.20%
ICU Admissions	2102	3.81%
Deaths in Confirmed Cases	2718	4.93%
Probable Cases	3754	
Deaths in Probable Cases	252	

Descriptive Statistics for Stark County Confirmed Cases

Gender			
	Confirmed Cases		Deaths
Male	466	43.5%	54
Female	602	56.2%	55
Unknown	4	0.4%	0
Total	1072		109

Ethnicity			
	Hispanic	Non-Hisp	Unknown
Count	108	787	177
%	10%	73%	17%

Race					
	White	Black	Asian/Pacific Islander	Other	Unknown
Count	755	99	15	114	89
%	70%	9%	1%	11%	8%

Illness Information for Stark County Confirmed Cases-Cumulative Counts

Hospitalized		
Yes	198	18%
No	870	81%
Unknown	4	0%

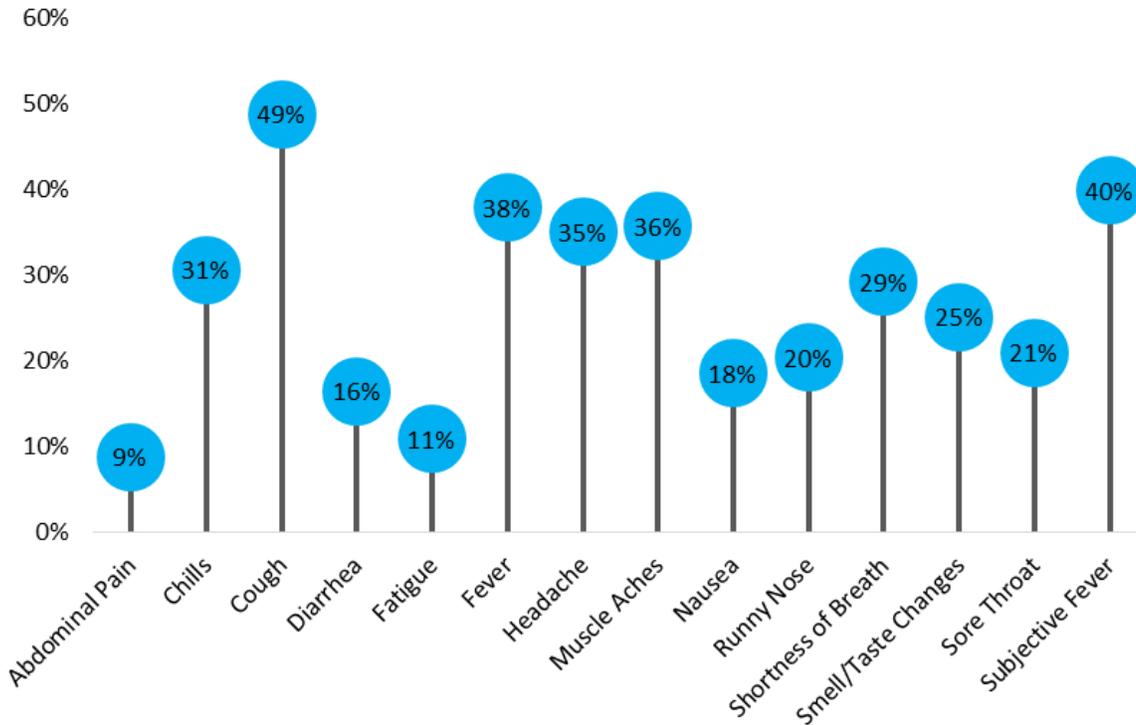
Pre-existing Conditions		
Yes	695	65%
No	377	35%

If hospitalized, in ICU?		
Yes	45	23%
No	153	77%

Discharged from Hospital		
ICU	37	
Other	93	

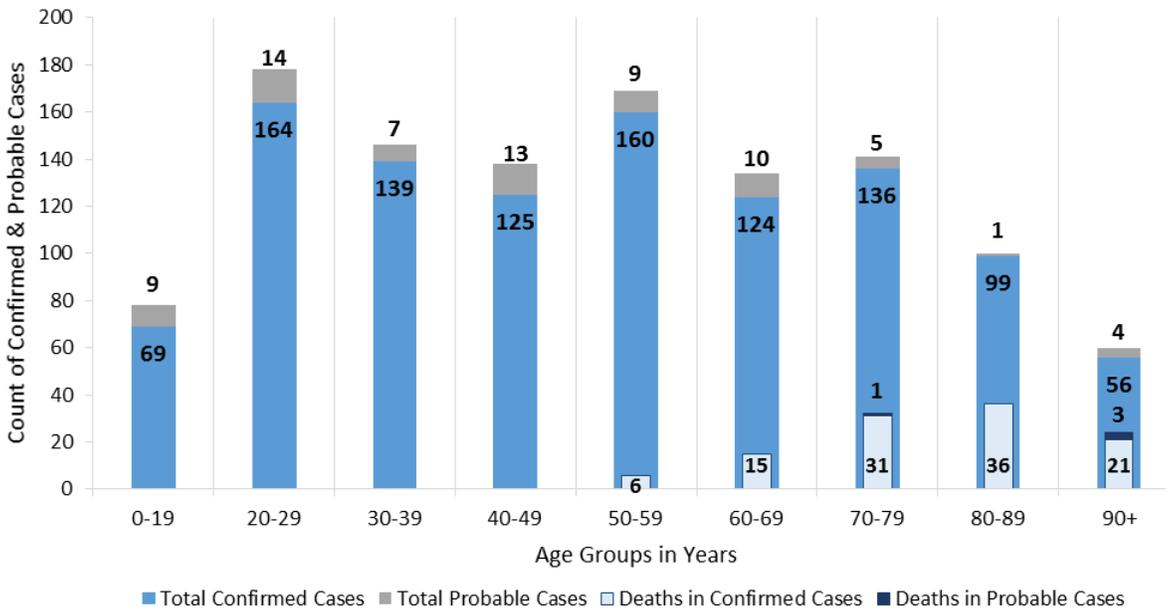
Some cases may be discharged due to death.

Signs & Symptoms in Confirmed Stark County Cases
Graph 1



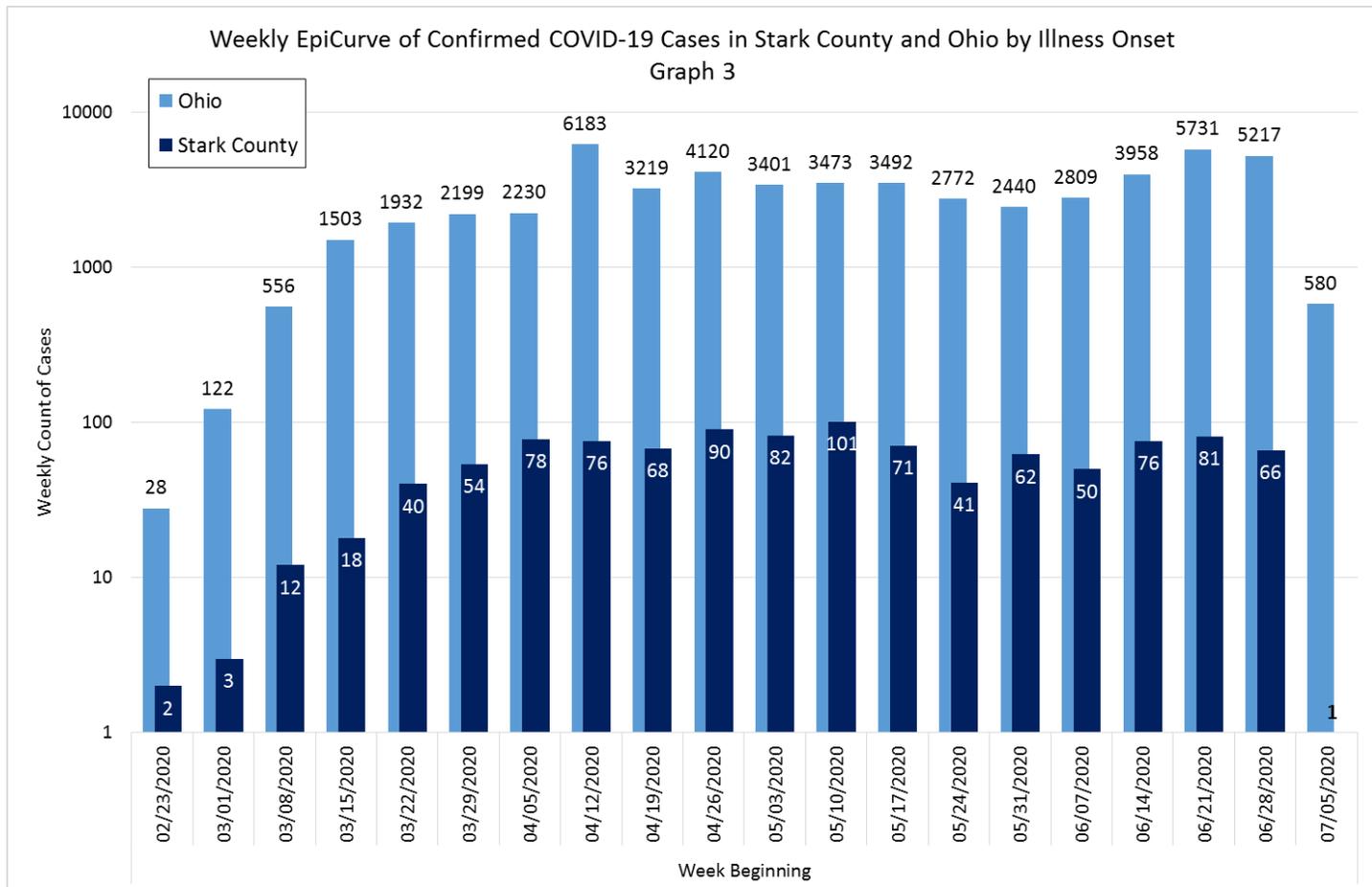
Graph 1 shows the incidence of signs and symptoms reported in confirmed cases of COVID-19 in Stark County. Two symptoms that are similar are subjective fever where in a patient felt feverish and fever in which is defined as a fever of >100.4F (38C). Additional symptoms may be added in the future as prevalence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

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



Graph 2 shows the cumulative number of 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.

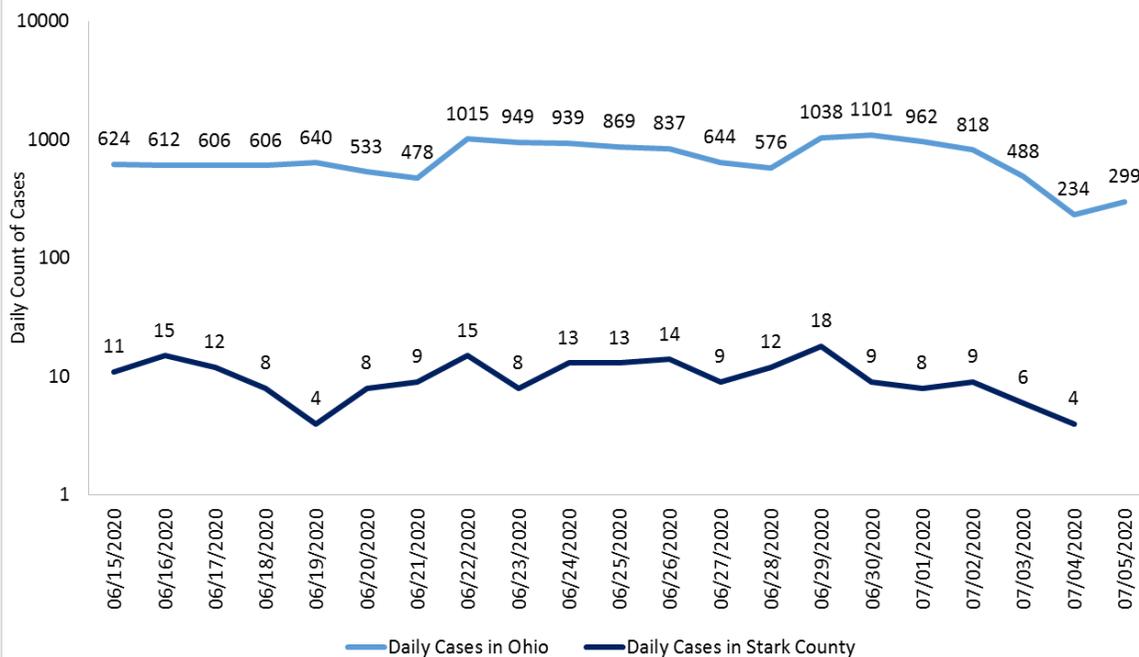
EPIDEMIOLOGICAL REPORT ON COVID-19



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 7/7/2020.**

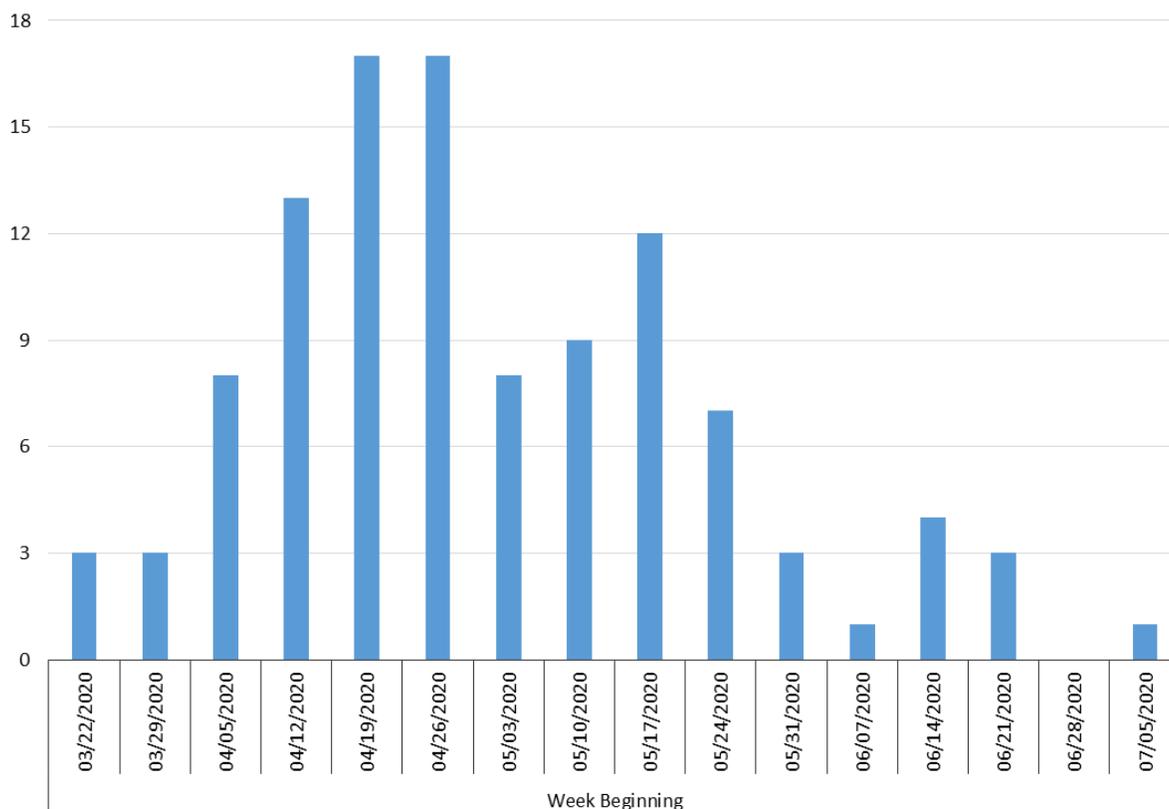
EPIDEMIOLOGICAL REPORT ON COVID-19

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



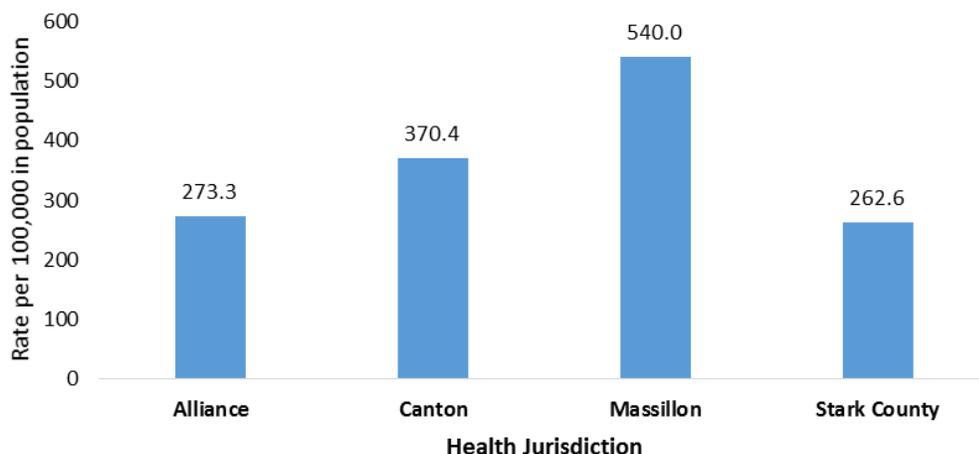
To help highlight short-term daily changes, Graph 4 shows daily case counts of laboratory confirmed cases. Stark County did not have any confirmed cases documented with an illness onset of 7/5/2020 as of 12:00pm on 7/7/2020, this may change as additional information is entered into the system.

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 07/07/2020.

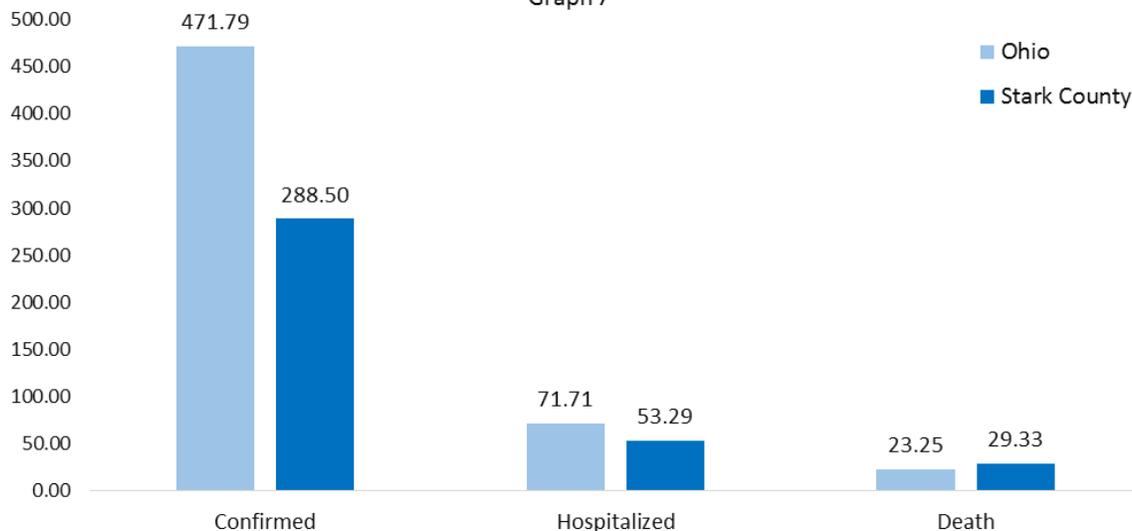
Rate of Confirmed and Probable Cases by Health Jurisdiction
Graph 6



	Probable Cases	Confirmed Cases	Total
Alliance	1	60	61
Canton	27	234	261
Massillon	9	166	175
Stark County	35	612	647

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

Rates of Confirmed Cases by Population
Graph 7



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.

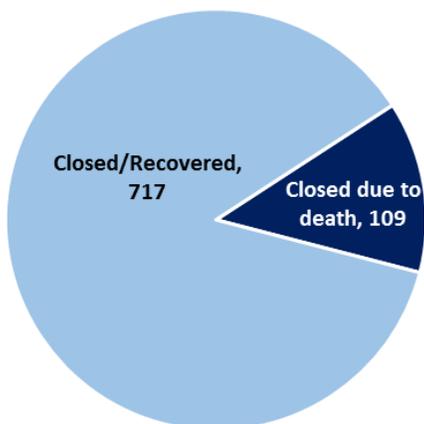
Counts of Cases	Ohio	Stark County
Confirmed	55150	1072
Hospitalized	8383	198
Deaths	2718	109

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

- 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.

Closed Confirmed Cases

Graph 8



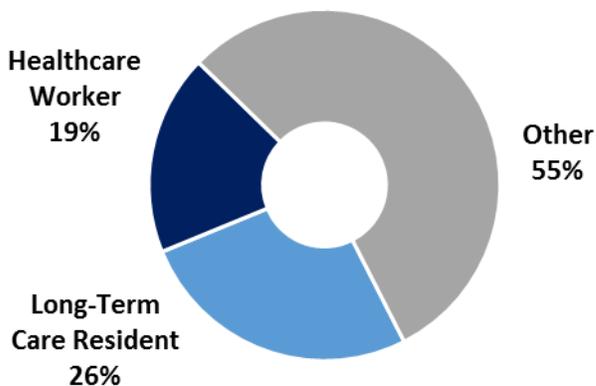
Graph 8 is the counts of confirmed cases closed, either due to closed/recovered or closed due to death. Stark County has a total of 826 cases closed of which 109 (13%) are due to death.

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 19% of the confirmed cases while long-term care residents account for 26% of confirmed cases. The remaining 55% 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:

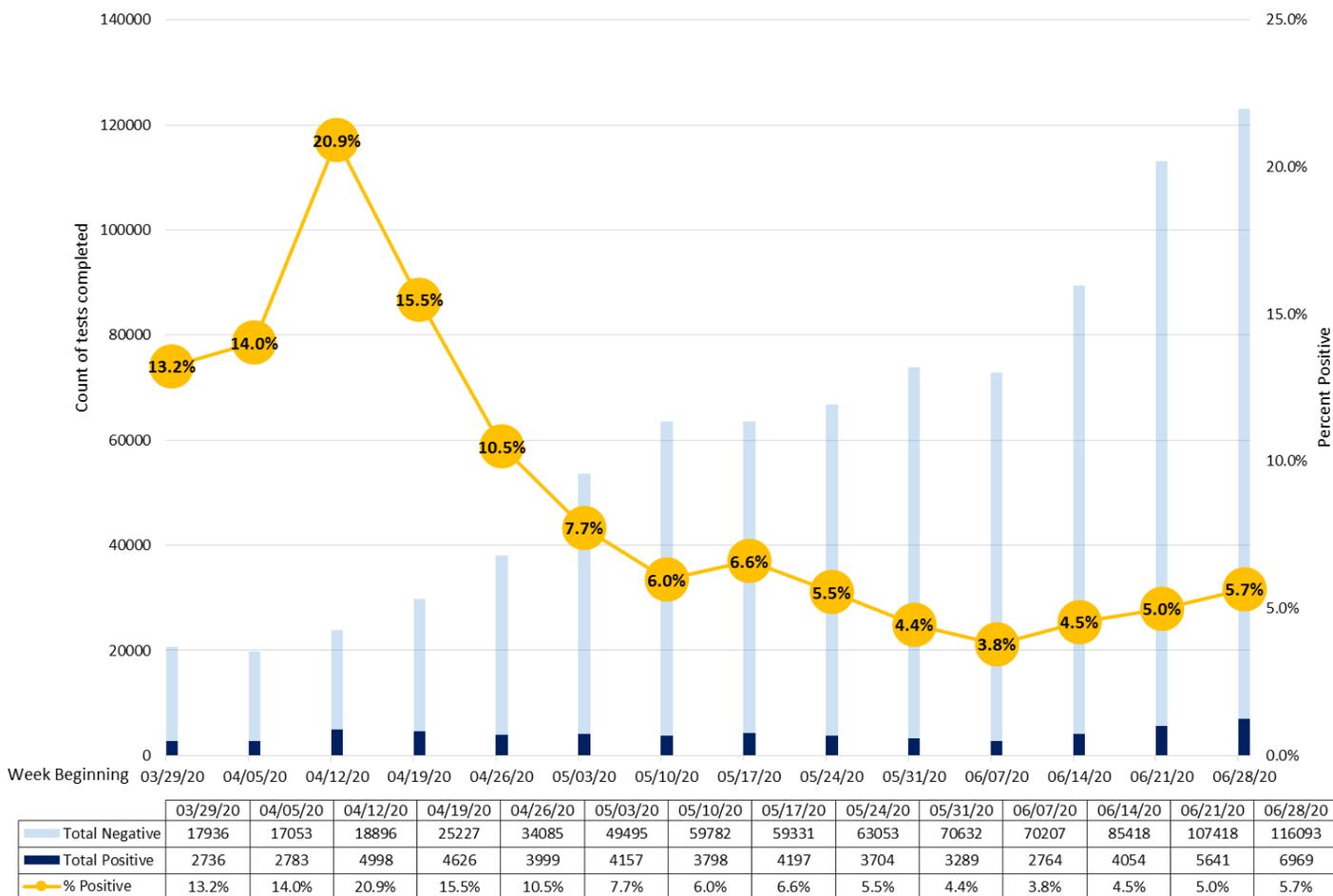
<https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/long-term-care-facilities/cases>

<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

Weekly Count of Ohio Testing Results and Percent Positive for COVID-19
Graph 10



As testing capabilities have increased and priorities have expanded, Ohio has seen an increase in testing completed. The data in graph 10 includes data of reported results up through 7/1/2020 and is accessible from the following website:

<https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/key-metrics/testing>

We have consolidated information from the state website into weekly counts in order to improve readability. Previous numbers may change as additional laboratory data is provided.

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 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 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/>