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
September 25, 2020 Epi Report

COVID-19 Snapshot
Stark County, Ohio
as of 12:00pm
September 25, 2020

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, 2, 3 & 5 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: 2653

Active/Open Cases: 906

Closed: (includes Deaths) 1747

Closed due to Death: 170

Probable Cases

Total: 228

Active/Open Cases: 111

Closed: (includes Deaths) 117

Closed due to Death: 5

Hospitalized
Confirmed & Probable Cases

Yes: (includes ICU) 330

Yes, ICU: 70

Discharged: (includes 69 Deaths) 254

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 09.25.2020 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. Caution should be exercised as data is subject to change. Numbers may differ from ODH dependent on time data was accessed.

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

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Stark County Epi Situational Report - COVID-19
Table 1 as of: 09/25/2020 2:00PM

Next report scheduled: 09/29/2020

Cases Reported to Stark LHDs		
Data as of 09.25.2020 1200		
Positive/Confirmed	2653	
Hospitalized	328	12.36%
ICU Admissions	70	2.64%
Deaths in Confirmed Cases	170	6.41%
Probable Cases	228	
Deaths in Probable Cases	5	

Cases Reported to ODH		
Data as of 09.25.2020 1400		
Positive/Confirmed	140,683	
Hospitalized*	15,127	10.75%
ICU Admissions*	3243	2.31%
Deaths in Confirmed Cases	4433	3.15%
Probable Cases	8211	
Deaths in Probable Cases	301	
*Hospitalized & ICU includes confirmed & probable		

Descriptive Statistics for Stark County Confirmed Cases

Gender			
	Confirmed Cases		Deaths
Male	1119	42.2%	88
Female	1528	57.6%	82
Unknown	6	0.2%	0
Total	2653		170

Ethnicity			
	Hispanic	Non-Hisp	Unknown*
Count	134	1891	628
%	5%	71%	24%

Race					
	White	Black	Asian/Pacific Islander	Other	Unknown*
Count	1796	328	20	151	358
%	68%	12%	1%	6%	13%
*Unknown counts includes refused to answer responses					

Illness Information for Stark County Confirmed Cases-Cumulative Counts

Hospitalized		
Yes	328	12.4%
No	2311	87.1%
Unknown	14	0.5%

Pre-existing Conditions		
Yes	1351	51%
No	1302	49%

If hospitalized, in ICU?		
Yes	70	21%
No	258	79%

Discharged from Hospital		
ICU	54	
Other	200	
Some cases may be discharged due to death.		

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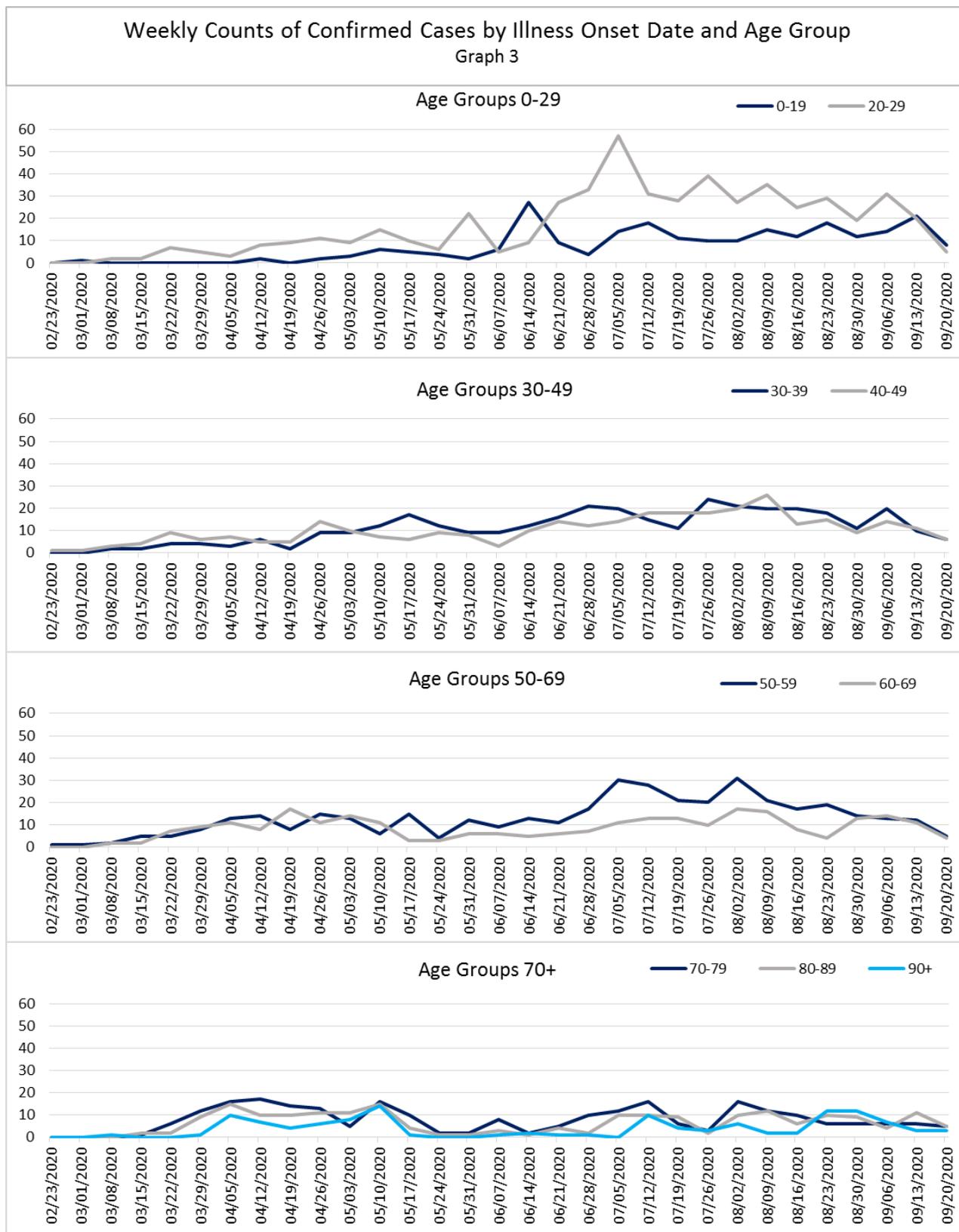## Signs & Symptoms in Confirmed Stark County Cases
Graph 1
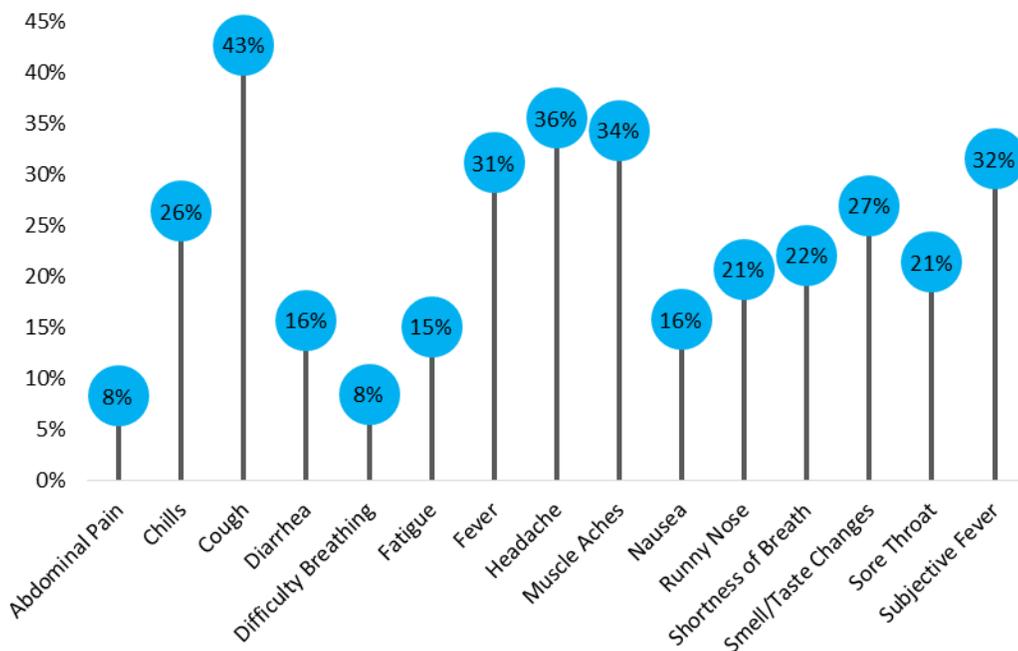
Graph 1 shows the incidence of signs and symptoms reported in confirmed cases of COVID-19 in Stark County. Two symptoms that are similar are subjective fever where in a patient felt feverish and fever in which is defined as a fever of >100.4F (38C). Additional symptoms may be added in the future as prevalence increases.
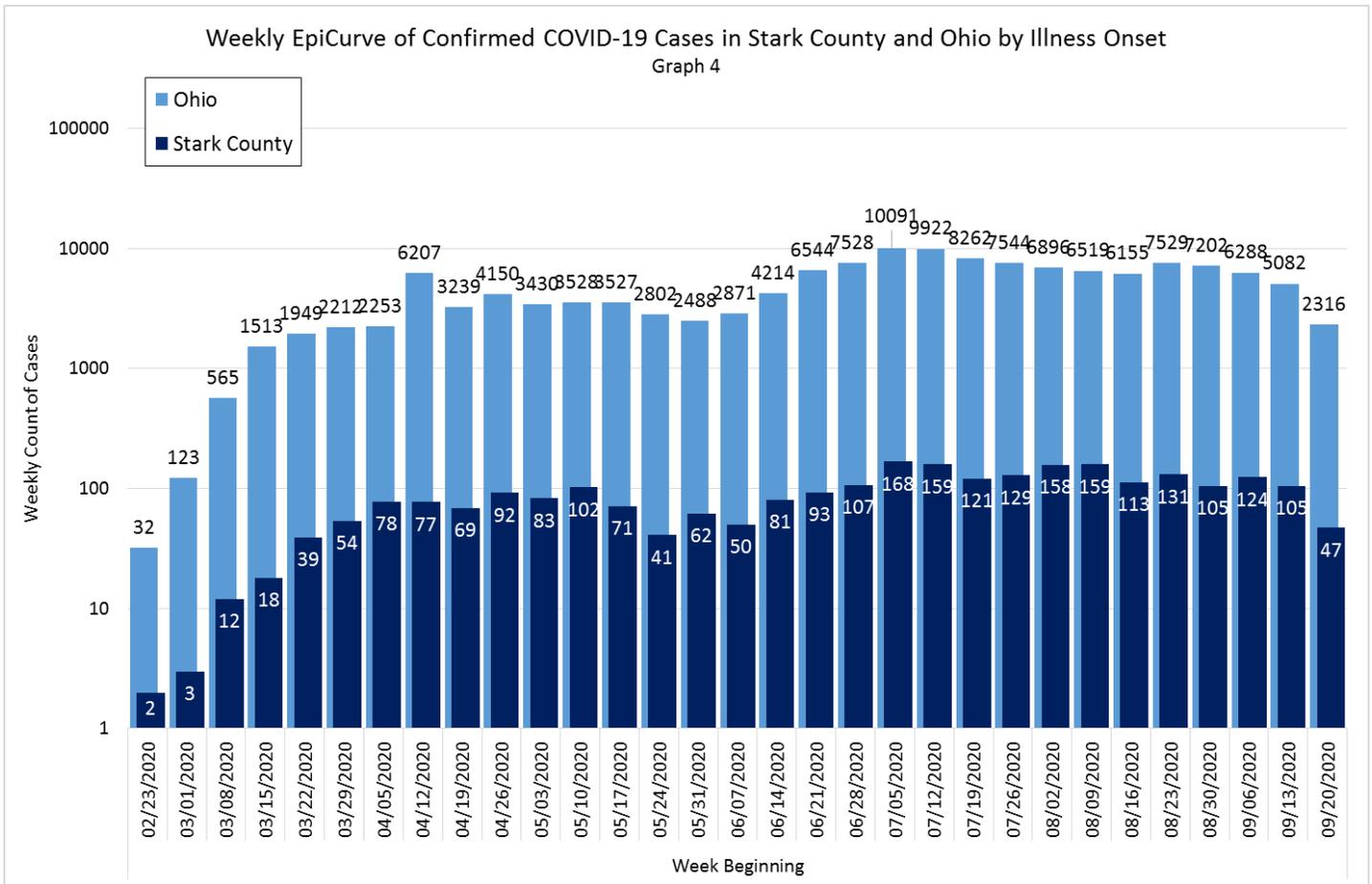
Total Number of Confirmed & Probable Cases by Age Group in Stark County
Graph 2
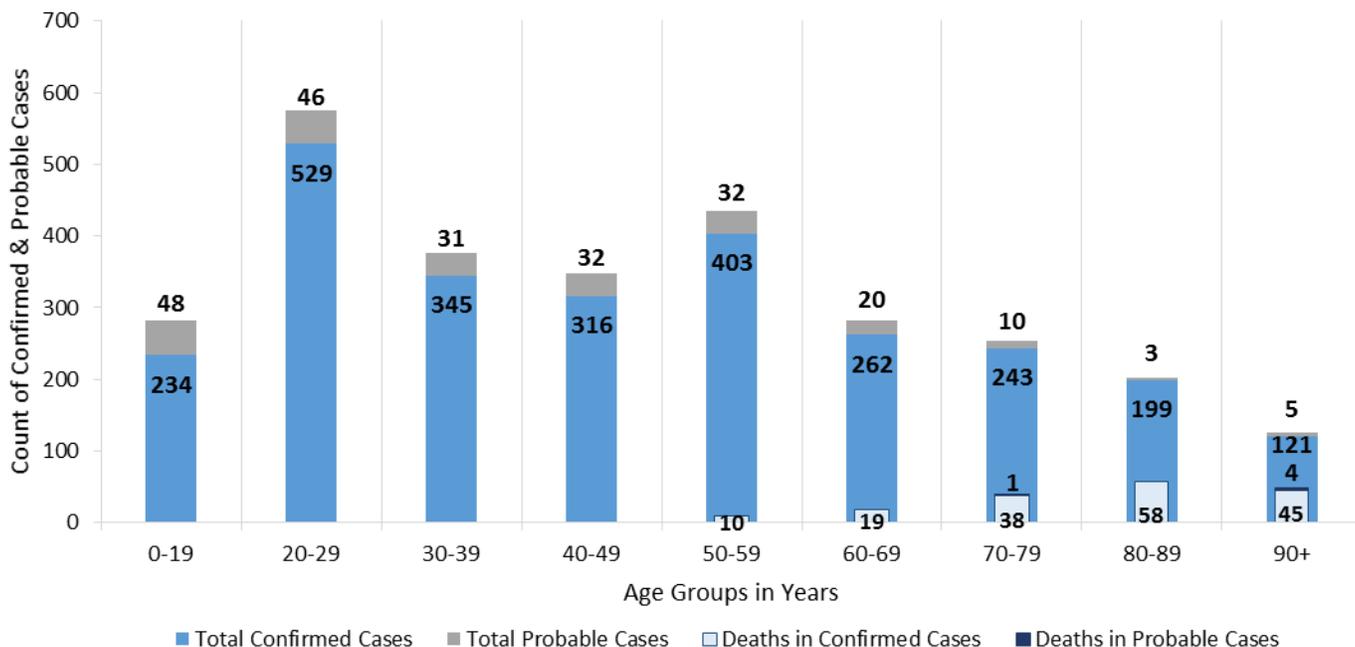
Graph 2 shows the cumulative number of laboratory-confirmed and probable cases and deaths in those cases by age group. Age groups may be broken down further as new cases emerge. There is one probable and one confirmed case in which date of birth is currently unknown and not shown in graph above.

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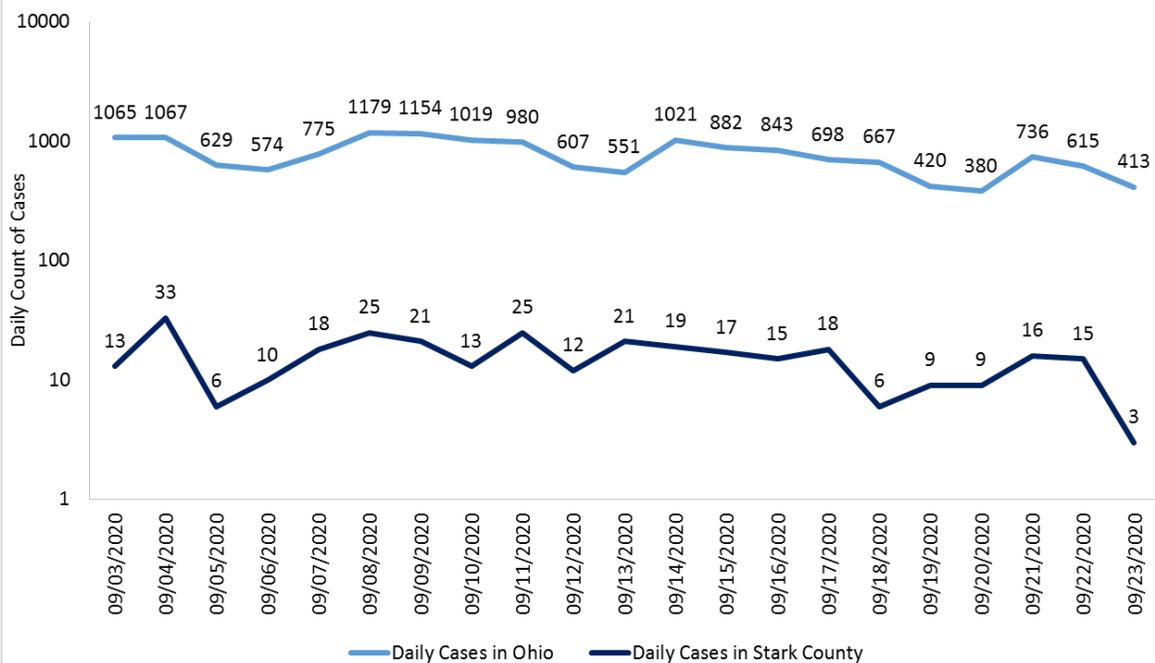
Graph 3 shows a breakdown of confirmed cases by week by age groups. There is one probable and one confirmed case in which date of birth is currently unknown and not shown in graph below. As with all data contained in this report, caution is advised when looking at the past 2-3 weeks of data due to delays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

Weekly Counts of Confirmed Cases by Illness Onset Date and Age Group
Graph 3

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

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 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 09/25/2020.**

21 Day EpiCurve of Confirmed COVID-19 Cases in Stark County and Ohio by Illness Onset
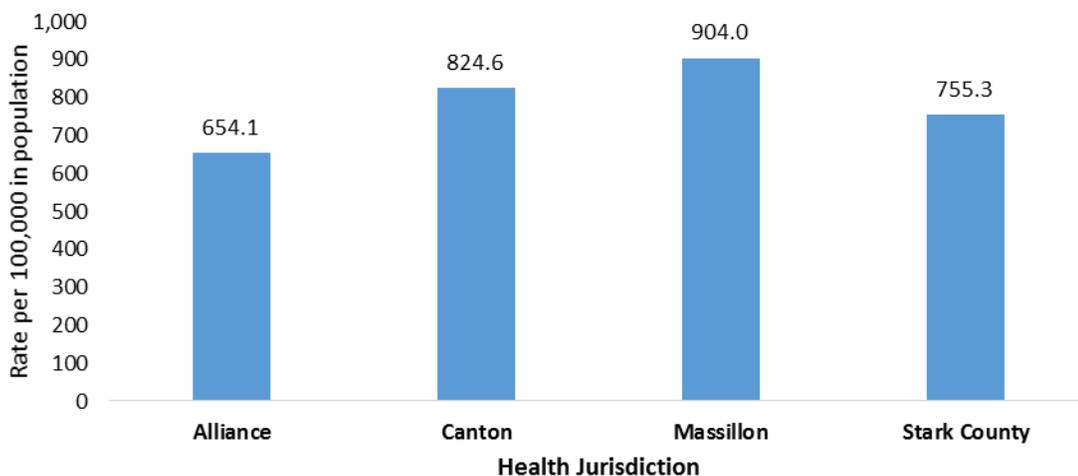### Graph 5

To help highlight short-term daily changes, Graph 5 shows daily counts of laboratory confirmed cases for a 21-day period.

Count of Deaths in Confirmed Cases by Week
Graph 6
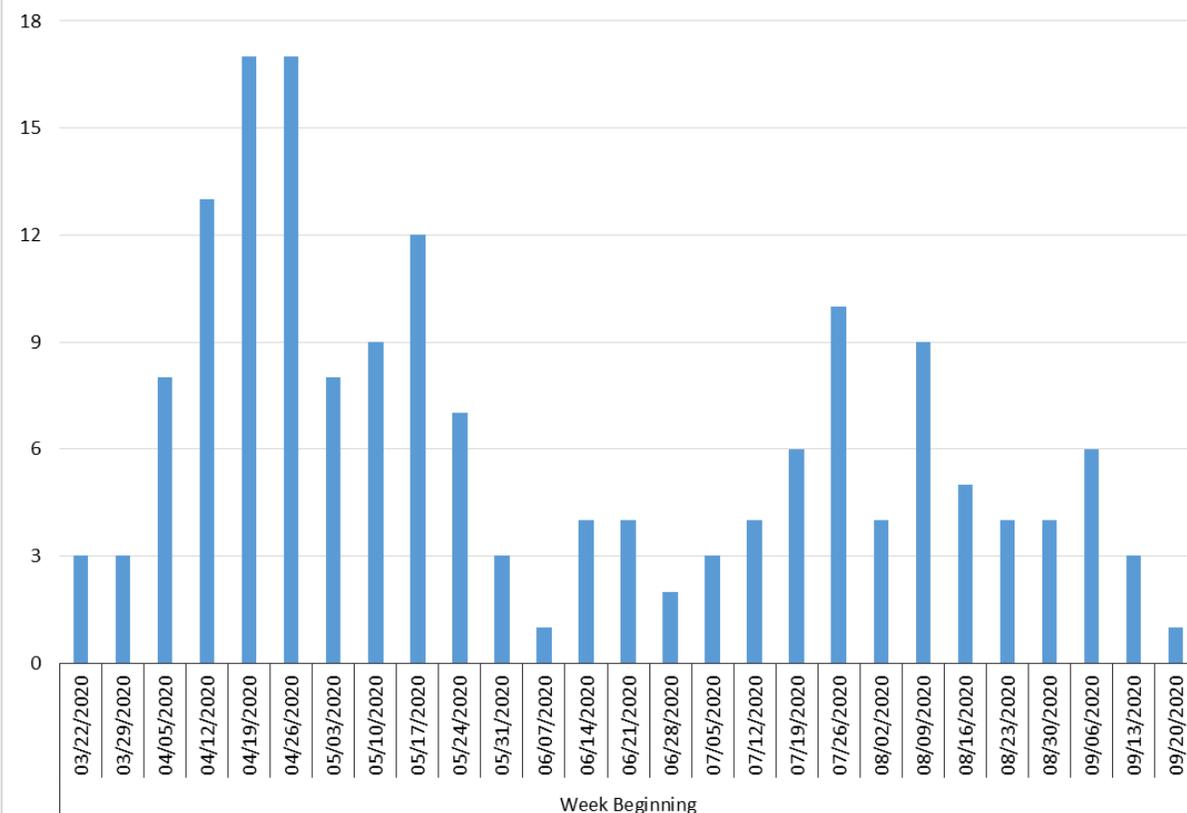
Graph 6 is a breakdown of death counts in laboratory-confirmed cases by week in which the death occurred. Includes only deaths reported to the local health department as of 12:00pm on 09/25/2020. This isn't an automated process which is why it may be a week or longer for a death to be documented.

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Rate of Confirmed and Probable Cases by Health Jurisdiction
Graph 7

	Probable Cases	Confirmed Cases	Total
Alliance	4	142	146
Canton	61	520	581
Massillon	10	283	293
Stark County	153	1708	1861

Rates=(case count/population)*100000

Graph 7 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
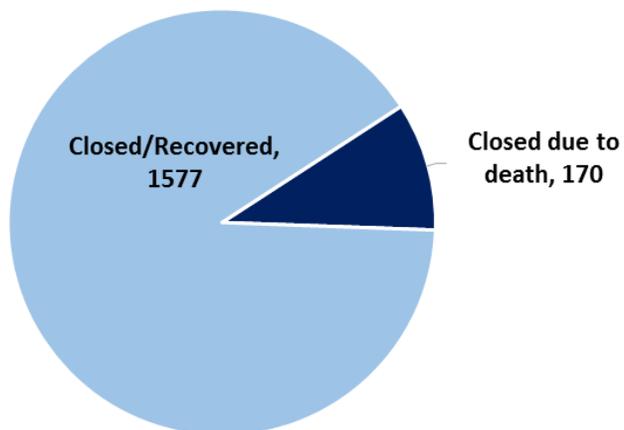### Graph 8
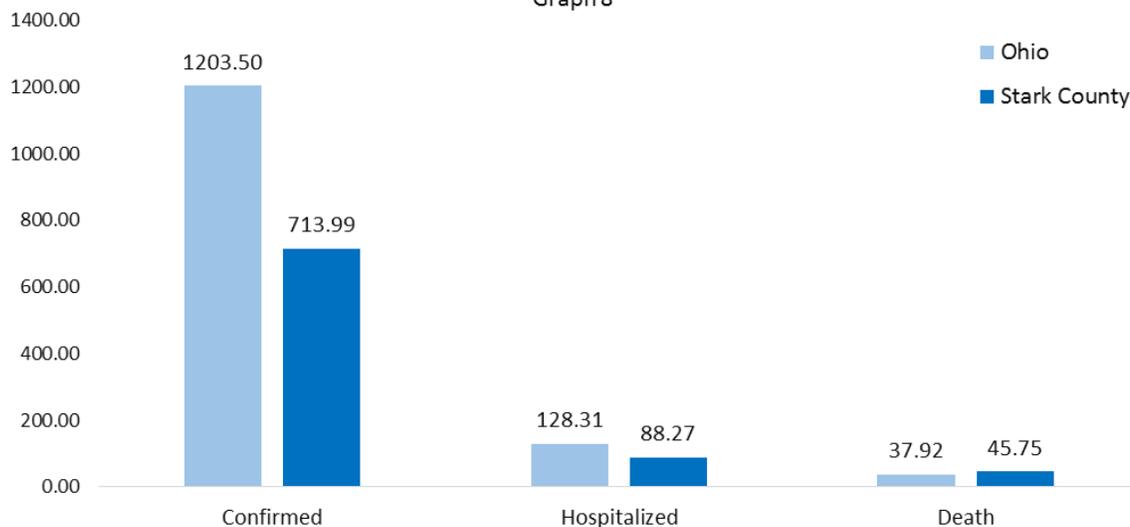
Counts of Cases	Ohio	Stark County
Confirmed	140,683	2,653
Hospitalized	14,999	328
Deaths	4,433	170

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

Graph 8 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 1.5x 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.

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Closed Confirmed Cases
Graph 9

Closed/Recovered, 1577

Closed due to death, 170

Graph 9 is the counts of confirmed cases closed, either due to closed/recovered or closed due to death. Stark County has a total of 1747 cases closed of which 170 (9.7%) 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 10

Healthcare Worker 16%

Other 70%

Long-Term Care Resident 14%
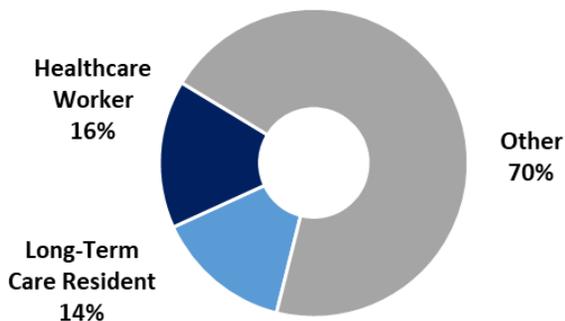
Graph 10 shows a breakdown of categories in confirmed cases. Healthcare workers account for 16% of the confirmed cases while long-term care residents account for 14% of confirmed cases. The remaining 70% do not belong in either of those categories. The percentages are based off of those that were affirmatively indicated to be either a healthcare worker or long-term care resident.

Confirmed Cases Linked to a Known Cluster
Graph 11

Yes, 817

No, 1836
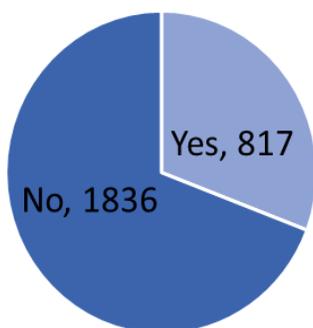
A cluster is defined as 2 or more cases with a common time and place of exposure. In Stark County, commonly these are work place, congregate living or family event/party settings. Additionally, cases that were exposed to original case members of the cluster and they subsequently became ill are also then linked to the original cluster.

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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 Cases
• Positive for SARS-CoV-2 RNA (with or without meeting epi criteria and/or clinical criteria)
Probable Cases
• Positive for SARS-CoV-2 Antigen (via FDA-approved test) and meeting either the epi criteria or clinical criteria
• Positive for SARS-CoV-2 Antibody (via FDA-approved test) and meeting either the epi criteria or clinical criteria
• No laboratory testing and meeting both the epi criteria and clinical criteria
• Positive for SARS-CoV-2 Antigen or Antibody (via non-FDA-approved test) and meeting both the epi criteria and clinical criteria
• Death certificate listing COVID-19 as a cause of death with no PCR lab testing

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-ch-centers/

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 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

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