

**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**

**November 27, 2020 Epi Report**

**COVID-19 Snapshot  
Stark County, Ohio  
as of 11:30am  
November 27, 2020**

Level 1	Level 2	Level 3	Level 4
<p>Stark County is currently at a <b>Level 3 (Red)</b> Status as indicated by the Ohio Public Health Advisory System-<b>Indicators 1, 2, 3, 4, 5 &amp; 7 were met.</b></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

- Total: 9223
- Active/Open Cases: 6103
- Closed: (includes Deaths) 3120
- Closed due to Death: 201

### Probable Cases

- Total: 751
- Active/Open Cases: 443
- Closed: (includes Deaths) 308
- Closed due to Death: 5

### Hospitalized Confirmed & Probable Cases

- Yes: (includes ICU) 585
- Yes, ICU: 100
- Discharged: 380

### Age Range

- Confirmed Cases: <1-108
- Hospitalized in Confirmed Cases: 6-105
- 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 11.27.2020 11:30 am (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 depending on time data was accessed.

For questions regarding this report, please contact:

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**Stark County Epi Situational Report - COVID-19**

**Table 1 as of: 11/27/2020 2:00PM**

Next report scheduled: 12/01/2020

Cases Reported to Stark LHDs		
Data as of 11.27.2020 11:30		
Positive/Confirmed	9223	
Hospitalized	577	6.26%
ICU Admissions	97	1.05%
Deaths in Confirmed Cases	201	2.18%
Probable Cases	751	
Deaths in Probable Cases	8	

Cases Reported to ODH		
Data as of 11.27.2020 14:00		
Positive/Confirmed	378,082	
Hospitalized*	25,960	6.87%
ICU Admissions*	4,571	1.21%
Deaths in Confirmed Cases	5,932	1.57%
Probable Cases	21,726	
Deaths in Probable Cases	414	

\*Hospitalized & ICU includes confirmed & probable

**Descriptive Statistics for Stark County Confirmed Cases**

Gender			
	Confirmed Cases		Deaths
Male	3947	42.8%	102
Female	5166	56.0%	98
Unknown	110	1.2%	1
Total	9223		201

Ethnicity			
	Hispanic	Non-Hisp	Unknown*
Count	196	4688	4339
%	2%	51%	47%

Race						
	White	Black	Asian/Pacific Islander	American Indian/Alaskan	Other	Unknown*
Count	5101	665	36	11	359	3051
%	55.3%	7.2%	0.4%	0.1%	3.9%	33.1%

\*Unknown counts includes refused to answer responses

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

Hospitalized		
Yes	577	6.3%
No	8574	93.0%
Unknown	72	0.8%

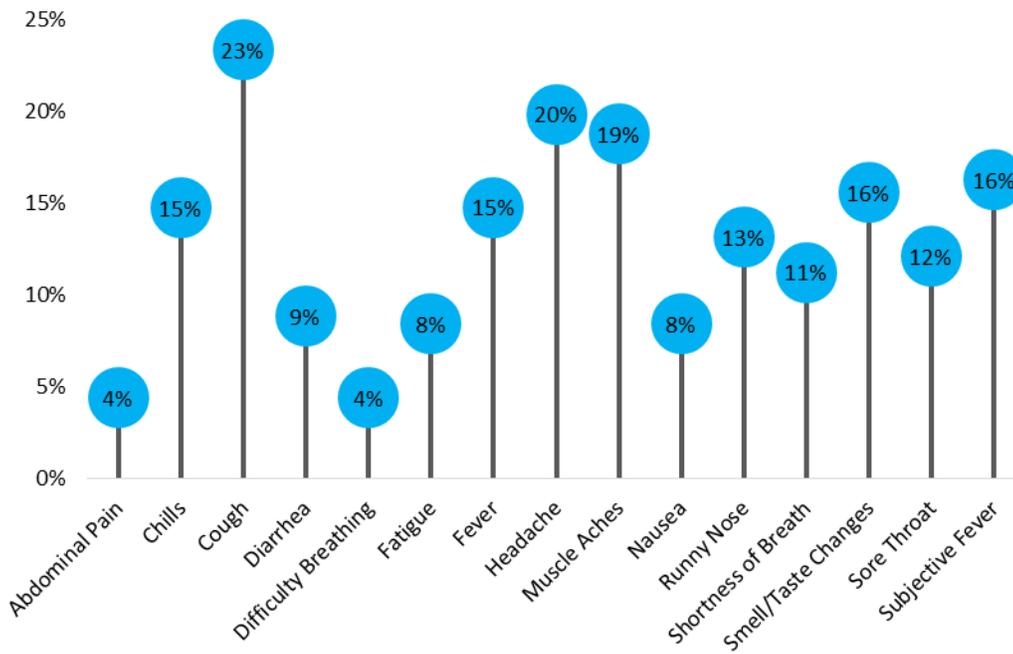
Pre-existing Conditions		
Yes	1962	21%
No	7261	79%

If hospitalized, in ICU?		
Yes	97	17%
No	480	83%

Discharged from Hospital		
ICU	73	
Other	307	

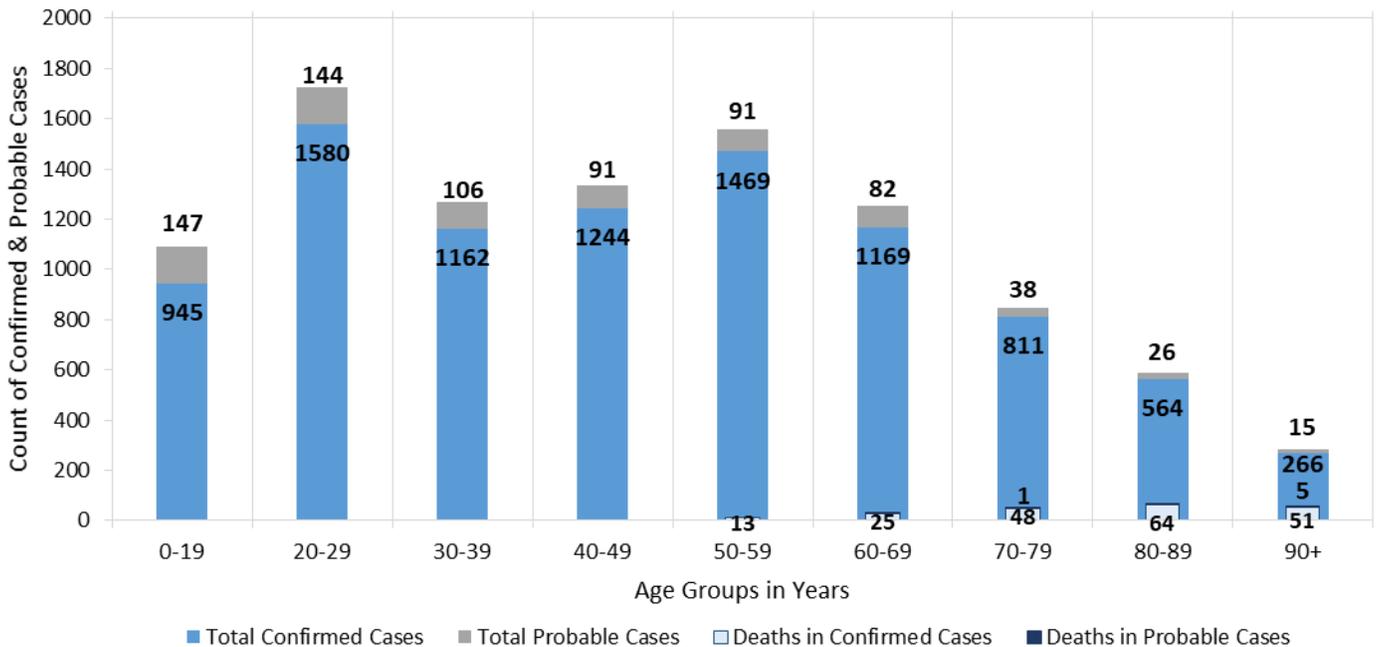
Some cases may be discharged due to death.

Signs & Symptoms in Confirmed Stark County Cases  
Graph 1



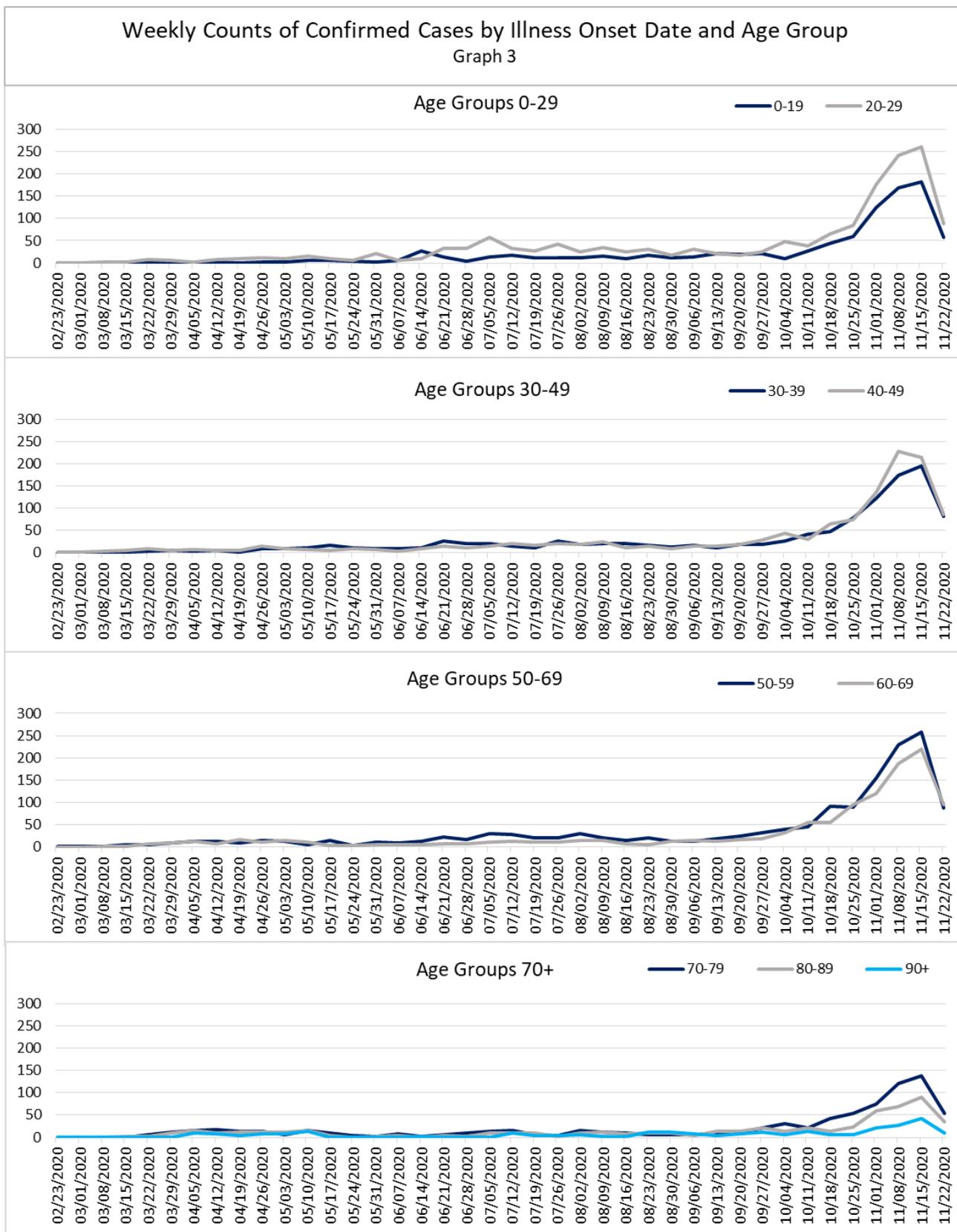
Graph 1 shows the incidence of signs and symptoms reported in confirmed cases of COVID-19 in Stark County. Two symptoms that are similar are subjective fever where in a patient felt feverish and fever in which is defined as a fever of >100.4F (38C). Additional symptoms may be added in the future as prevalence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

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

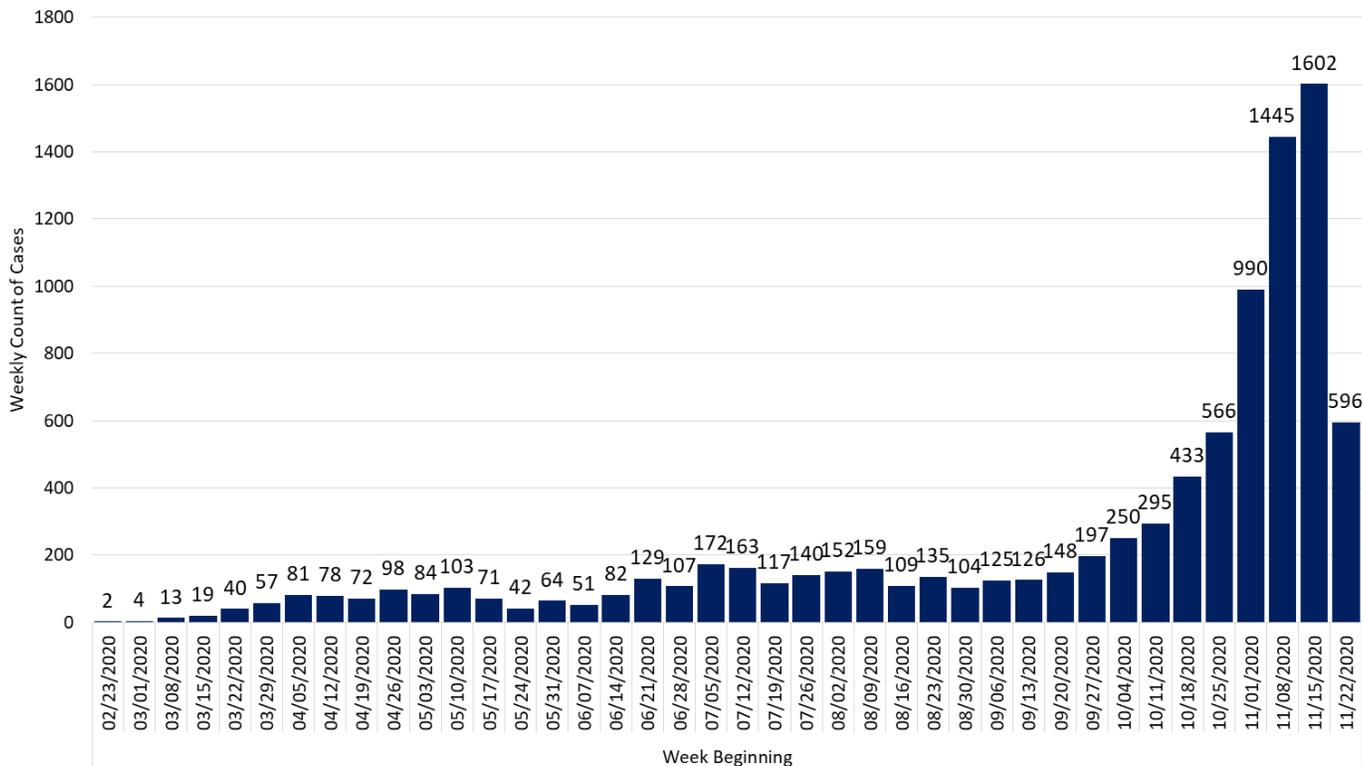


Graph 2 shows the cumulative number of laboratory-confirmed and probable cases and deaths in those cases by age group. There are 11 probable cases and 12 confirmed cases in which date of birth is currently unknown and not shown in graph above.

Graph 3 shows a breakdown of confirmed cases by week by age groups. There are 11 probable cases and 12 confirmed cases 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.



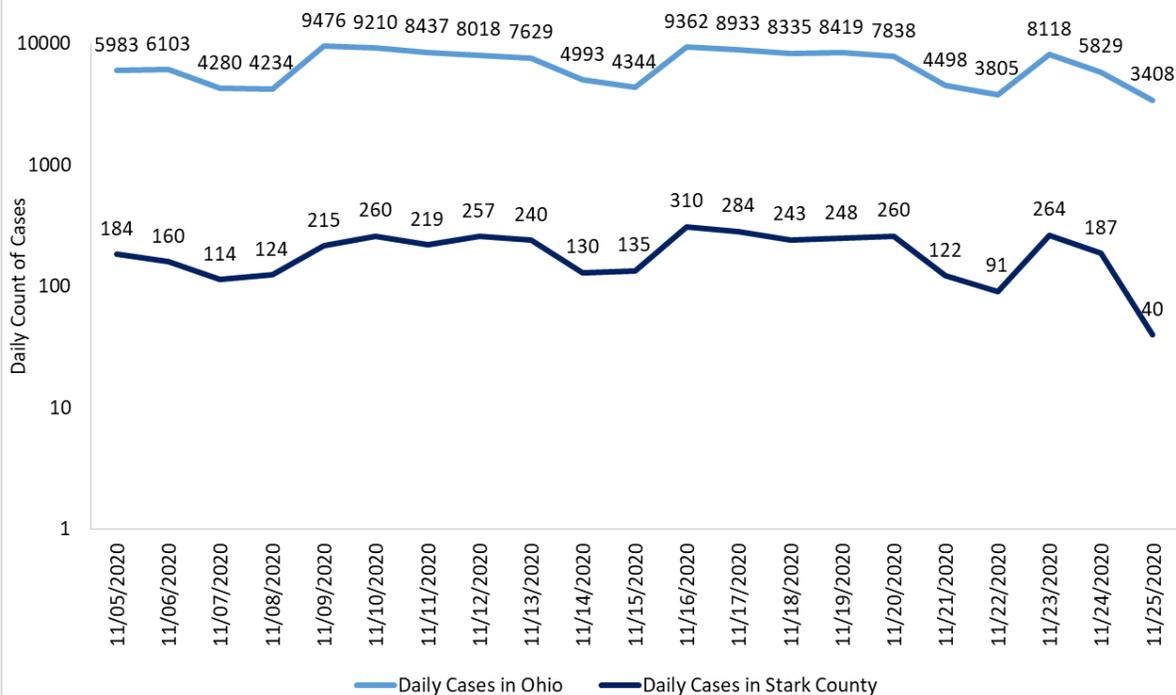
Weekly EpiCurve of Confirmed COVID-19 Cases in Stark County by Illness Onset  
Graph 4



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. 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. Stark County’s first confirmed case reported an illness onset date of 2/25/2020. **This data only includes data up until 11:30 am on 11/27/2020.**

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

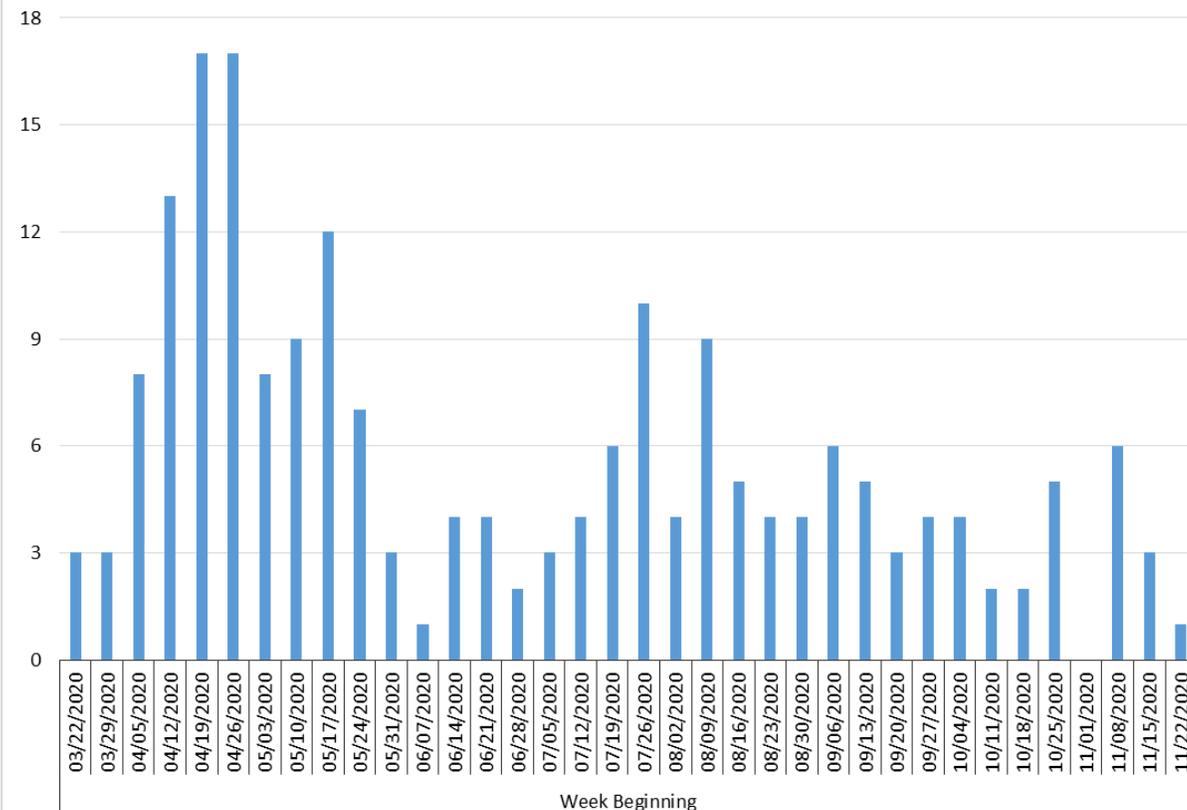
Graph 5



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

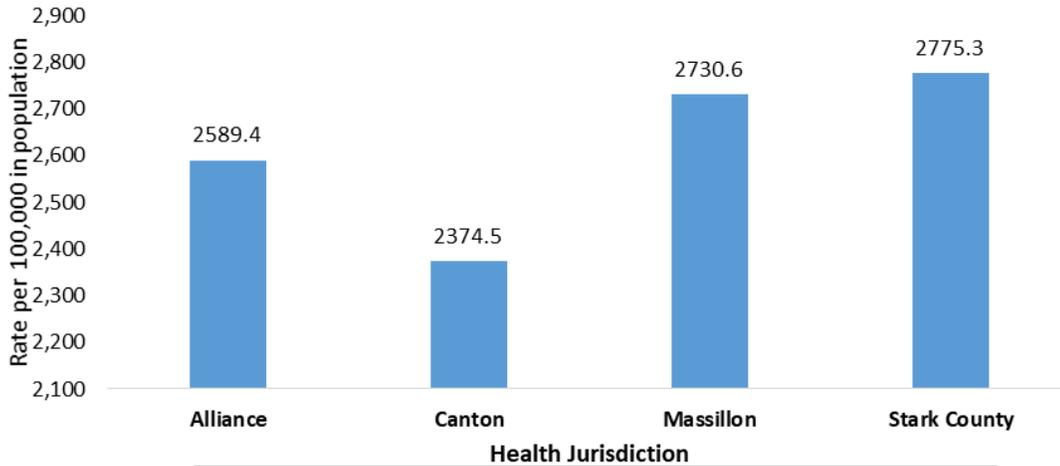
Count of Deaths in Confirmed Cases by Week

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 11:30am on 11/27/2020. This isn't an automated process which is why it may be a week or longer for a death to be documented.

Rate of Confirmed and Probable Cases by Health Jurisdiction  
Graph 7

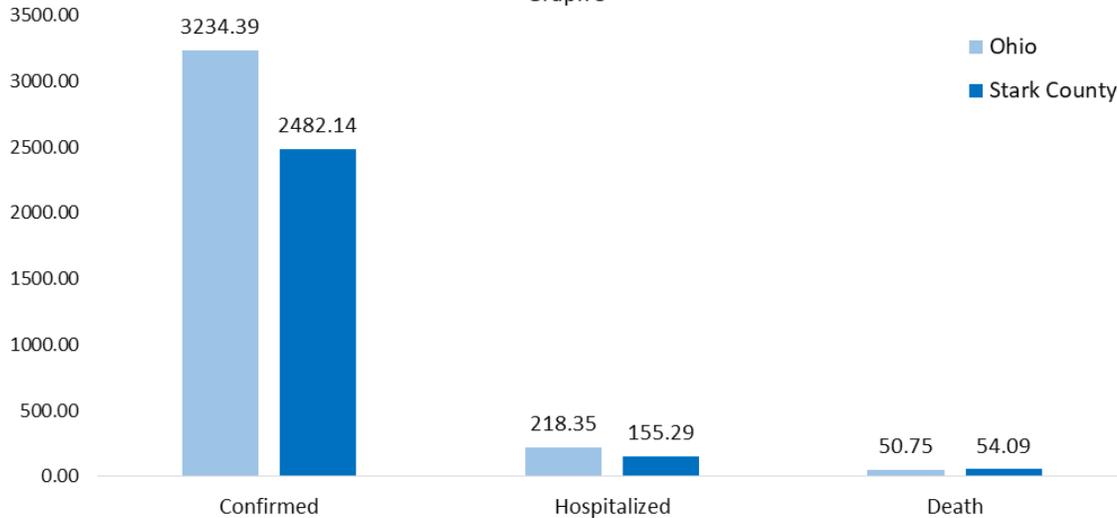


Health Jurisdiction	Probable Cases	Confirmed Cases	Total
Alliance	39	539	578
Canton	189	1484	1673
Massillon	64	821	885
Stark County	459	6379	6838

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



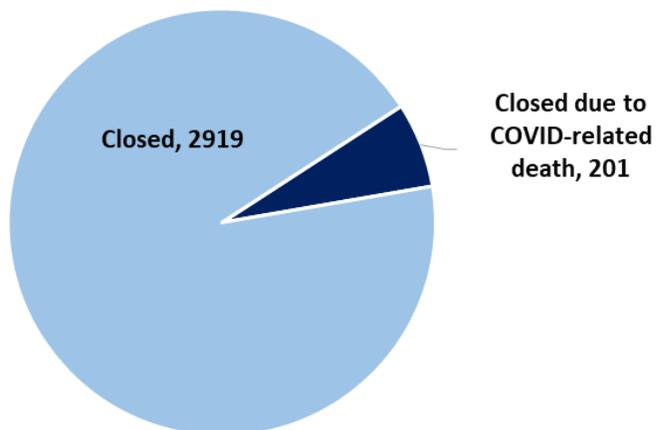
Counts of Cases	Ohio	Stark County
Confirmed	378,082	9,223
Hospitalized	25,524	577
Deaths	5,932	201

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 1.3x 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 1.1x higher than Ohio’s rate.

Closed Confirmed Cases  
Graph 9

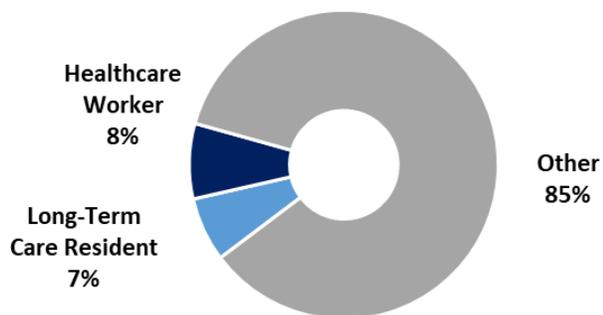


Graph 9 is the count of confirmed cases closed or closed due to death. Stark County has a total of 3120 cases closed of which 201 (6.4%) are due to death.

Cases can be closed for the following reasons:

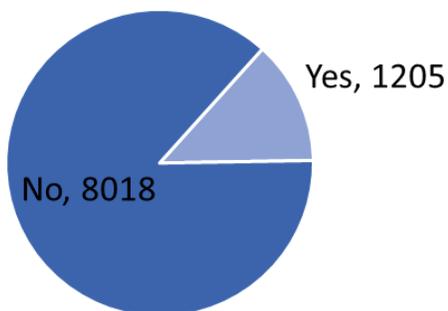
- The person passed away. Can be either COVID-related or not COVID-related.
- Symptoms have resolved in that case.
- The person is no longer being followed by the local health department.

Percentage Breakdown of Confirmed Cases  
Graph 10



Graph 10 shows a breakdown of categories in confirmed cases. Healthcare workers account for 8% of the confirmed cases while long-term care residents account for 7% of confirmed cases. The remaining 85% 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



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.

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.

Confirmed

- Meets confirmatory laboratory evidence. NOTE: Asymptomatic infections are reportable as confirmed cases.

Probable

- Meets clinical criteria AND epidemiologic linkage with no confirmatory laboratory testing performed for SARS-CoV-2;
- OR
- Meets presumptive laboratory evidence AND either clinical criteria OR epidemiologic linkage;
- OR
- Meets vital records criteria with no confirmatory laboratory evidence for SARS-CoV2.

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 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>