**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**
**February 9, 2021 Epi Report**

COVID-19 Snapshot
Stark County, Ohio
as of 11:30am
February 9, 2021

| 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 & 3 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:
24,545

Active/Open Cases:
14,914

Closed:
(includes Deaths)
9,631

Closed due to Death:
444

## Probable Cases

Total:
3,564

Active/Open Cases:
2,284

Closed:
(includes Deaths)
1,280

Closed due to Death:
29

## Hospitalized
Confirmed & Probable Cases

Yes:
(includes ICU)
1,594

Yes, ICU:
148

Discharged:
769

## Age Range

Confirmed Cases:
<1-108

Hospitalized in Confirmed Cases:
<1-105

Deaths in Confirmed Cases:
38-108

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 2.9.2021 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: 2/9/2021  2:00PM

Next report scheduled: 2/12/2021

| Cases Reported to Stark LHDs | | |
| --- | --- | --- |
| **Data as of 2.9.2021 11:30** | | |
| Positive/Confirmed | 24,545 | |
| Hospitalized | 1,565 | 6.38% |
| ICU Admissions | 144 | 0.59% |
| Deaths in Confirmed Cases | 444 | 1.81% |
| Probable Cases | 3,564 | |
| Deaths in Probable Cases | 29 | |

| Cases Reported to ODH | | |
| --- | --- | --- |
| **Data as of 2.9.2021 14:00** | | |
| Positive/Confirmed | 801,505 | |
| Hospitalized* | 47,853 | 5.97% |
| ICU Admissions* | 6,869 | 0.86% |
| Deaths in Confirmed Cases | 10,468 | 1.31% |
| Probable Cases | 123,845 | |
| Deaths in Probable Cases | 1,325 | |

*Hospitalized & ICU includes confirmed & probable

## Descriptive Statistics for  Stark County Confirmed Cases

| Gender | | | |
| --- | --- | --- | --- |
| | Confirmed Cases | | Deaths |
| Male | 10,714 | 43.7% | 230 |
| Female | 13,473 | 54.9% | 211 |
| Unknown | 358 | 1.5% | 3 |
| Total | 24,545 | | 444 |

| Ethnicity | | | |
| --- | --- | --- | --- |
| | Hispanic | Non-Hisp | Unknown* |
| Count | 326 | 12,496 | 11,723 |
| % | 1.3% | 50.9% | 47.8% |

| Race | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| | White | Black | Asian/Pacific Islander | American Indian/Alaskan | Other | Unknown* |
| Count | 13,345 | 1,580 | 92 | 38 | 611 | 8,879 |
| % | 54.4% | 6.4% | 0.4% | 0.2% | 2.5% | 36.2% |
| *Unknown counts includes refused to answer responses | | | | | | |

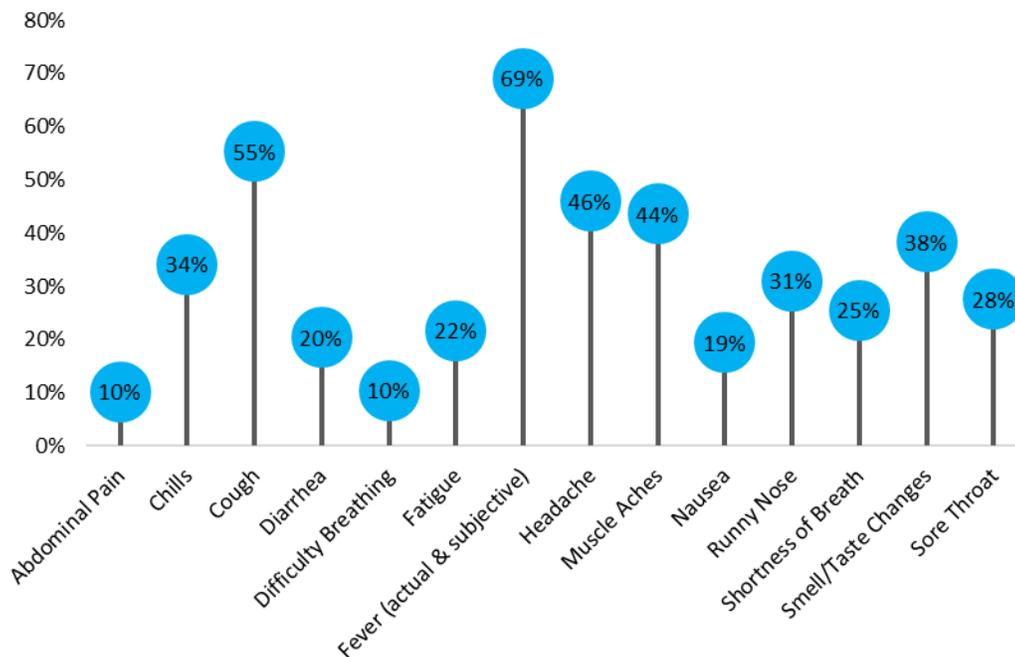## Hospitalization Information for Stark County Confirmed Cases-Cumulative Counts

| Hospitalized | | | If hospitalized, in ICU? | | | Discharged from Hospital | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Yes | 1,565 | 6.4% | Yes | 144 | 9% | ICU | 103 |
| No | 22,646 | 92.3% | No | 1,421 | 91% | Other | 641 |
| Unknown | 334 | 1.4% | | | | Some cases may be discharged due to death. | |

## Stark County Vaccination Update as of 2/9/2021

| Current Vaccination Group Eligible | Vaccine Started | Vaccine Completed |
| --- | --- | --- |
| Phase 1B | Count: 35,174 | Count: 10,963 |
| | 9.5% of population | 3.0% of population |

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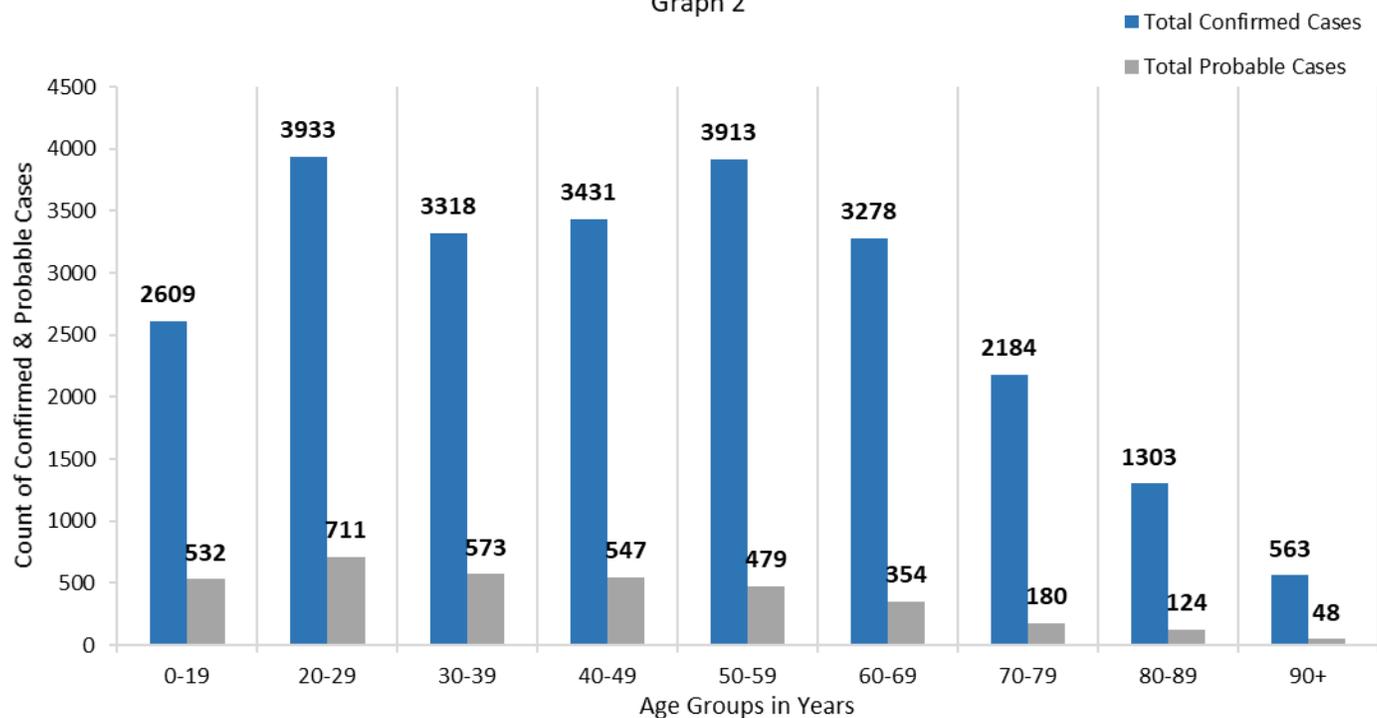
## Signs & Symptoms in Confirmed Cases
### Graph 1

Graph 1 shows the incidence of signs and symptoms reported in documented symptomatic confirmed cases. Cases that have no symptoms documented or are documented asymptomatic are not included. We have combined fever (documented >100.4) & subjective fever. This is due to recognizing that everyone does not own a thermometer and therefore cannot give an actual temperature to flag the indicator. We are hoping these changes will provide a clearer picture regarding symptoms present.

- Abdominal Pain: 10%
- Chills: 34%
- Cough: 55%
- Diarrhea: 20%
- Difficulty Breathing: 10%
- Fatigue: 22%
- Fever (actual & subjective): 69%
- Headache: 46%
- Muscle Aches: 44%
- Nausea: 19%
- Runny Nose: 31%
- Shortness of Breath: 25%
- Smell/Taste Changes: 38%
- Sore Throat: 28%

## Count of Confirmed & Probable Cases by Age Group in Stark County
### Graph 2

Legend: Total Confirmed Cases, Total Probable Cases

| Age Groups in Years | Total Confirmed Cases | Total Probable Cases |
|---|---|---|
| 0-19 | 2609 | 532 |
| 20-29 | 3933 | 711 |
| 30-39 | 3318 | 573 |
| 40-49 | 3431 | 547 |
| 50-59 | 3913 | 479 |
| 60-69 | 3278 | 354 |
| 70-79 | 2184 | 180 |
| 80-89 | 1303 | 124 |
| 90+ | 563 | 48 |

Graph 2 shows the cumulative number of laboratory-confirmed and probable cases by age group. There are 16 probable cases and 13 confirmed cases 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 are 13 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 Counts of Confirmed Cases by Illness Onset Date and Age Group
Graph 3
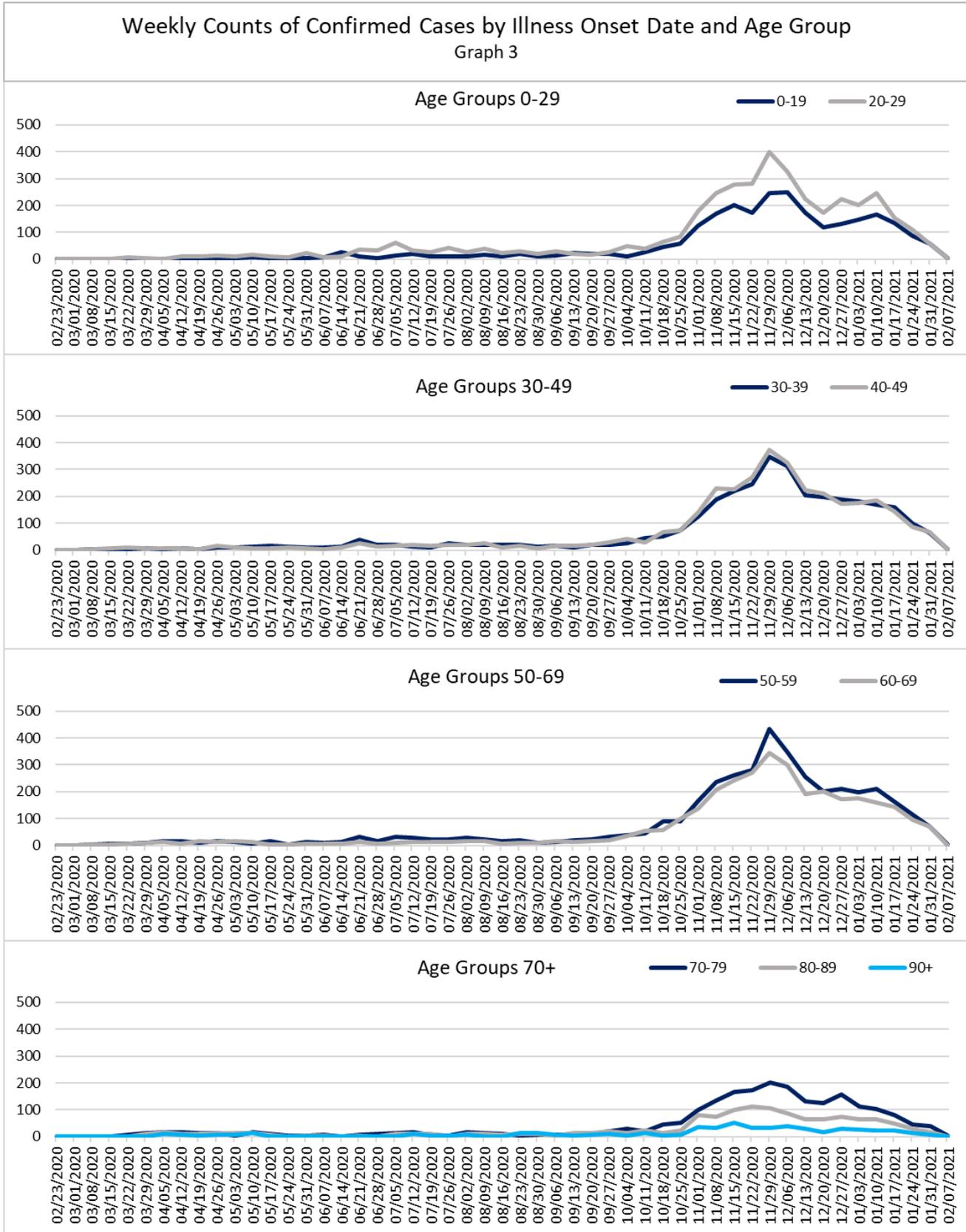
Weekly EpiCurve of Confirmed COVID-19 Cases in Stark County by Illness Onset
Graph 4
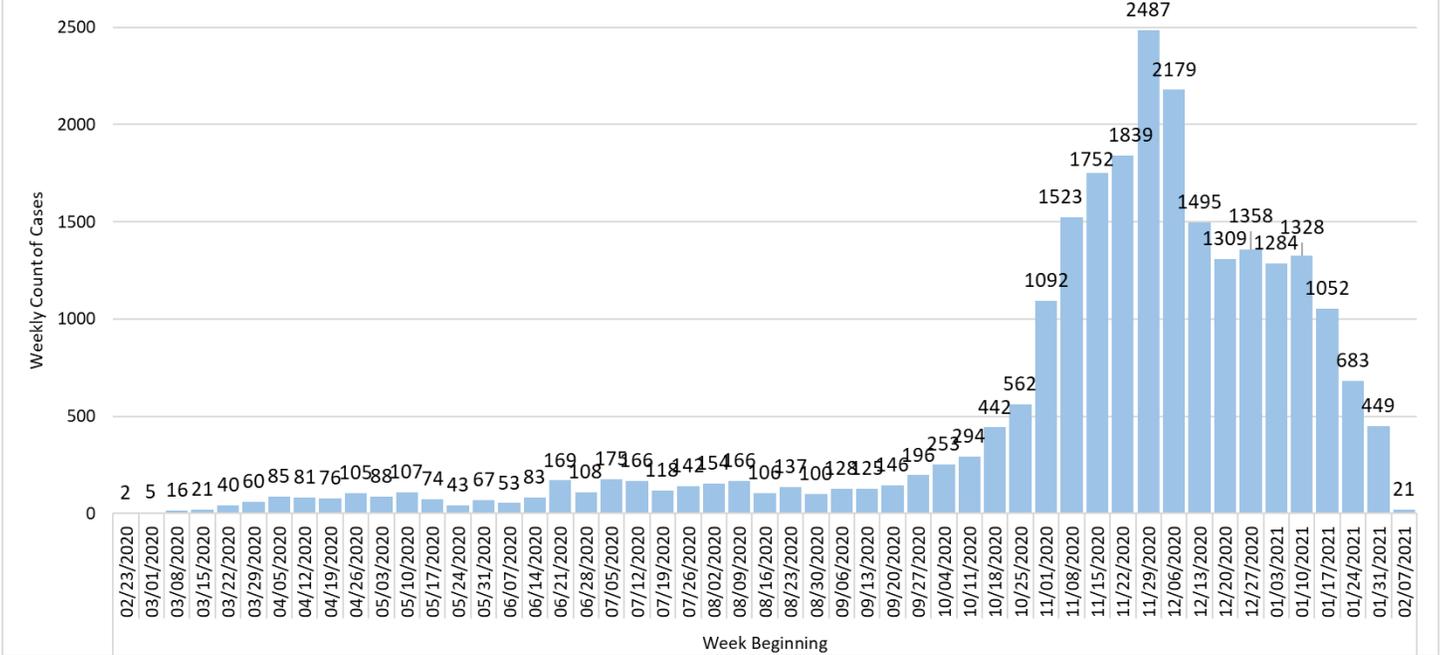
Graph 4 shows the EpiCurve which displays the total number of laboratory-confirmed cases per week, based on the illness onset date for Stark County. If the illness onset date is not available, the earliest known date is utilized, which could be the date the specimen was collected, the date of the test 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 2/9/2021.**



21 Day EpiCurve of Confirmed COVID-19 Cases in Stark County and Ohio by Illness Onset
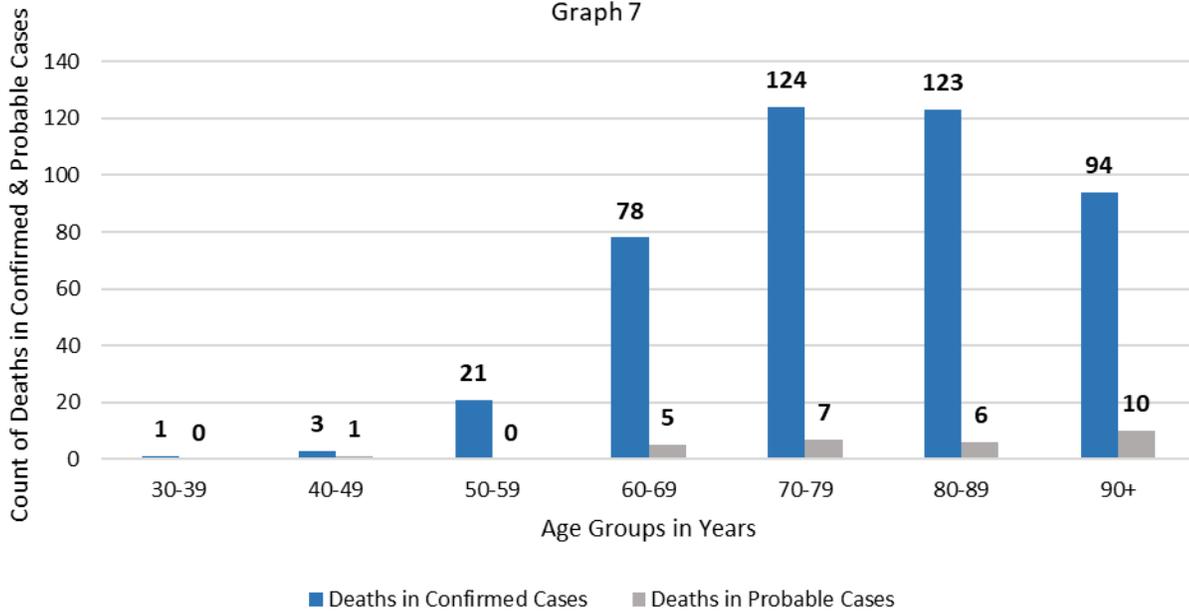Graph 5
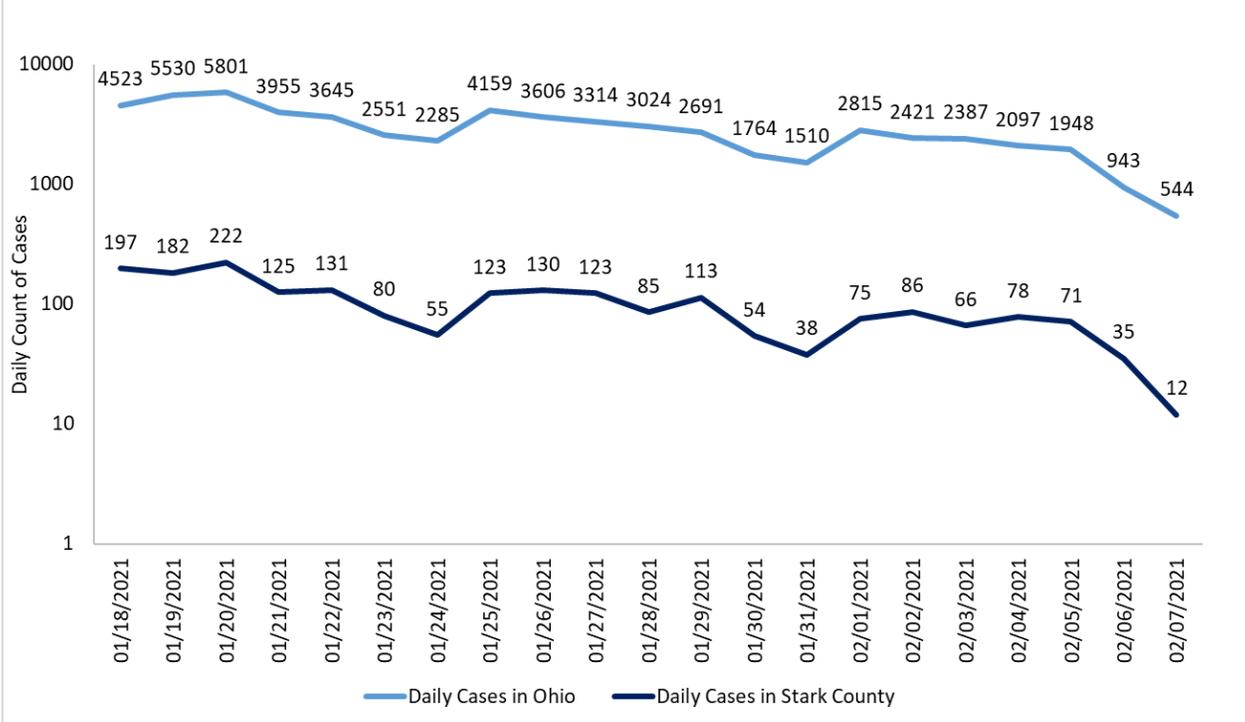
To help highlight short-term daily changes, Graph 5 shows daily counts of laboratory confirmed cases for a 21-day period.

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## Count of Deaths in Confirmed Cases by Week
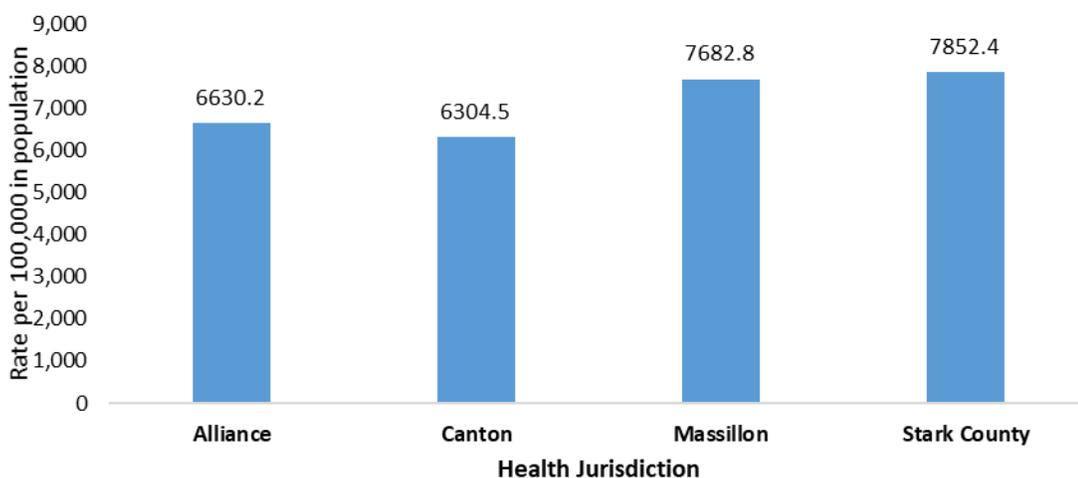### Graph 6
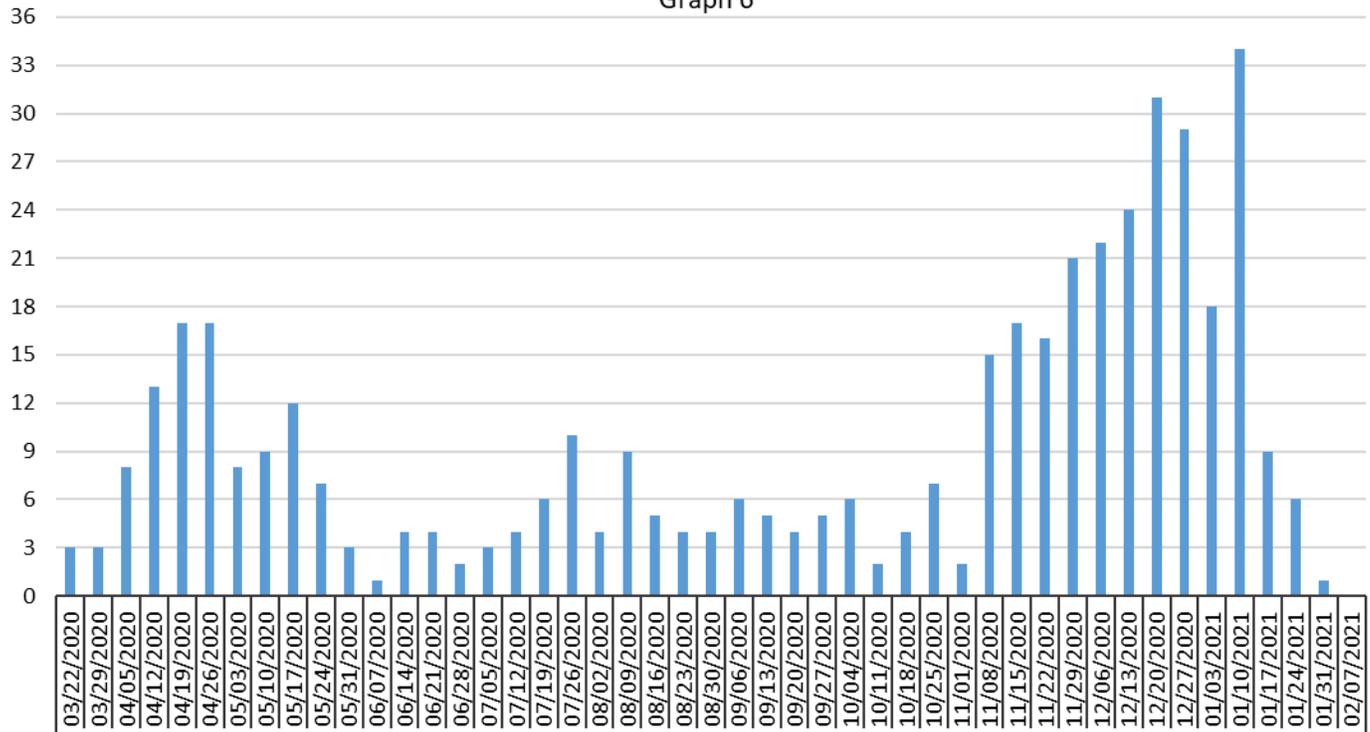


Graph 6 is a breakdown of death counts in laboratory-confirmed cases by week in which the death occurred. Includes only deaths reported to the local health department as of 11:30 am on 2/9/2021. This isn't an automated process which is why it may be a week or longer for a death to be documented.

## Count of Deaths in Confirmed & Probable Cases by Age Group
### Graph 7



Graph 7 shows the breakdown in deaths in confirmed and probable cases by age group. Additional age groups will be added as needed.

## Rate of Confirmed and Probable Cases by Health Jurisdiction
### Graph 8



| Health Jurisdiction | Probable Cases | Confirmed Cases | Total |
|---|---|---|---|
| Alliance | 146 | 1334 | 1420 |
| Canton | 582 | 3860 | 4442 |
| Massillon | 252 | 2238 | 2490 |
| Stark County | 2471 | 16,876 | 19,347 |

Rates=(case count/population)*100000

Graph 8 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.
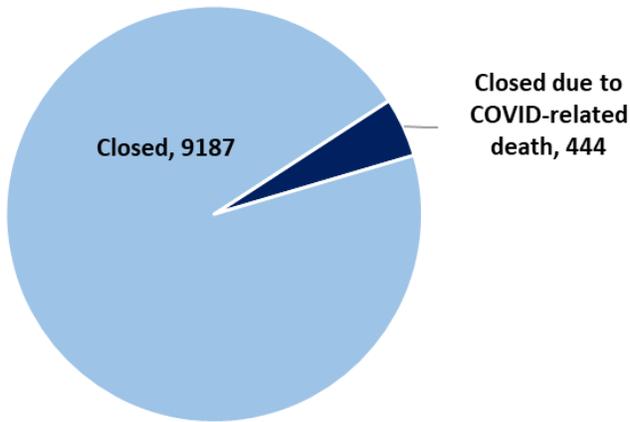
## Rates of Confirmed Cases by Population
### Graph 9
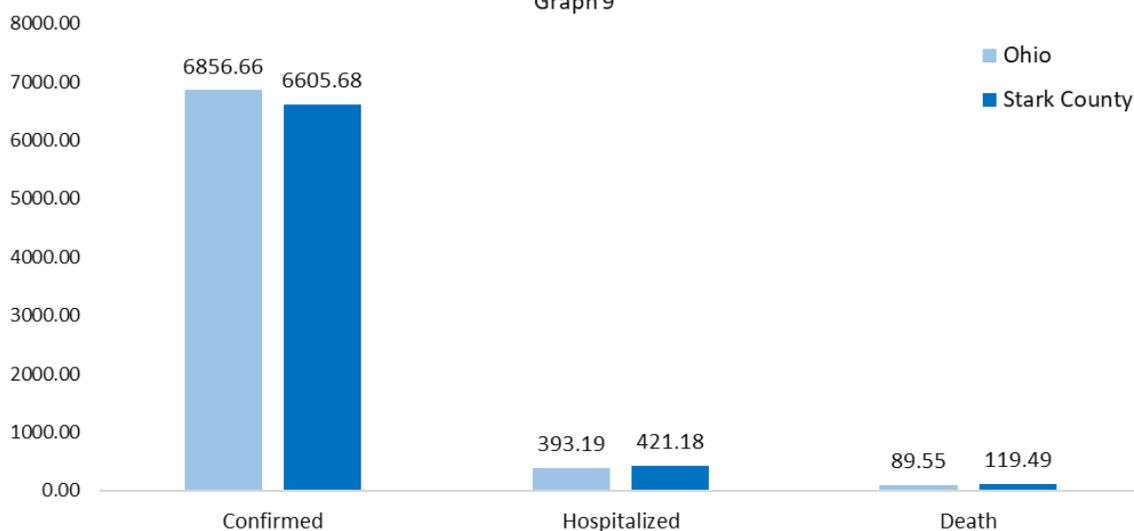


| Counts of Cases | Ohio | Stark County |
|---|---|---|
| Confirmed | 801,505 | 24,545 |
| Hospitalized | 45,962 | 1,565 |
| Deaths | 10,468 | 444 |

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

Graph 9 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 1.0x higher than those in Stark County.
- Stark County's rate of laboratory confirmed cases who require hospitalization is 1.1x higher than Ohio's rate.
- Stark County's rate of death due to COVID-19 complications is 1.3x higher than Ohio's rate.

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## Closed Confirmed Cases
### Graph 10

Closed, 9187

Closed due to COVID-related death, 444

Graph 10 is the count of confirmed cases closed or closed due to death. Stark County has a total of 9631 cases closed of which 444 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.

## Confirmed Cases Linked to a Known Cluster
### Graph 11

Yes, 2399

No, 22,146
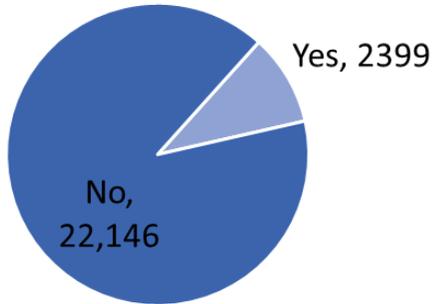
A cluster is defined as 2 or more cases with a common time and place of exposure. In Stark County, commonly these are work place, congregate living or family event/party settings. Additionally, cases that were exposed to original case members of the cluster and they subsequently became ill are also then linked to the original cluster.

We have removed the graph associated with health care workers and long-term care facilities. 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

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

Probable
• Meets presumptive laboratory evidence AND was reported on or after November 1, 2020; OR
o For reports received prior to November 1, 2020: meets presumptive laboratory evidence AND either clinical criteria OR epidemiologic linkage; OR
• Meets clinical criteria AND epidemiologic linkage with no confirmatory laboratory testing performed for SARS-CoV-2; OR
• Meets vital records criteria with no confirmatory laboratory evidence for SARS-CoV-2.

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 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

For information on vaccinations, please visit: https://coronavirus.ohio.gov/wps/portal/gov/covid-19/covid-19-vaccination-program