



Ionia County: Weekly COVID-19 Pandemic Update

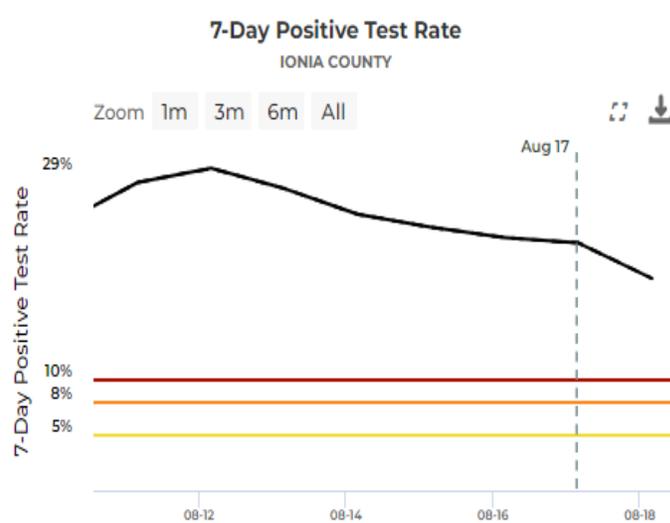
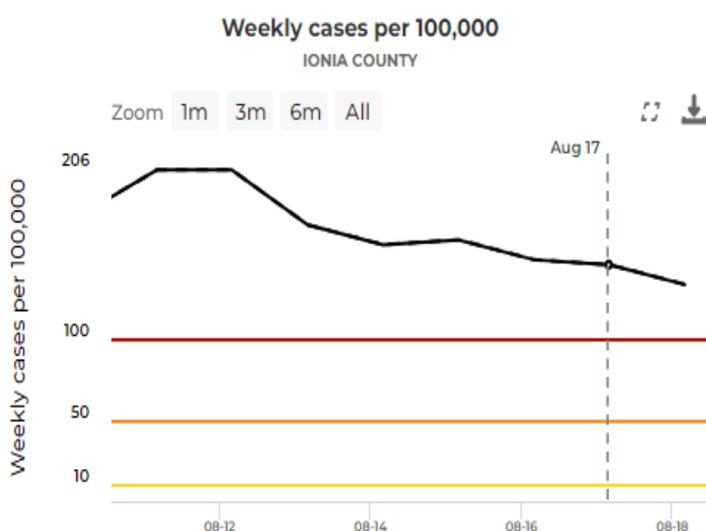
Data current as of 08/23/2022 (08/11/2022 – 08/17/2022)

COVID-19 Transmission

Cases and Positivity Rates

Reported COVID-19 cases across the state decreased over the last week, while the proportion of positive cases remained steady. Between 08/11/2022 and 08/17/2022, Michigan’s case positivity rate remained at roughly 21.1% while the average number of weekly COVID-19 cases in Michigan decreased from 245 to 201 cases per 100,000. Between 08/11/2022 and 08/17/2022, the average number of weekly COVID-19 cases in Ionia County decreased from 206 per 100,000 to 147 per 100,000.

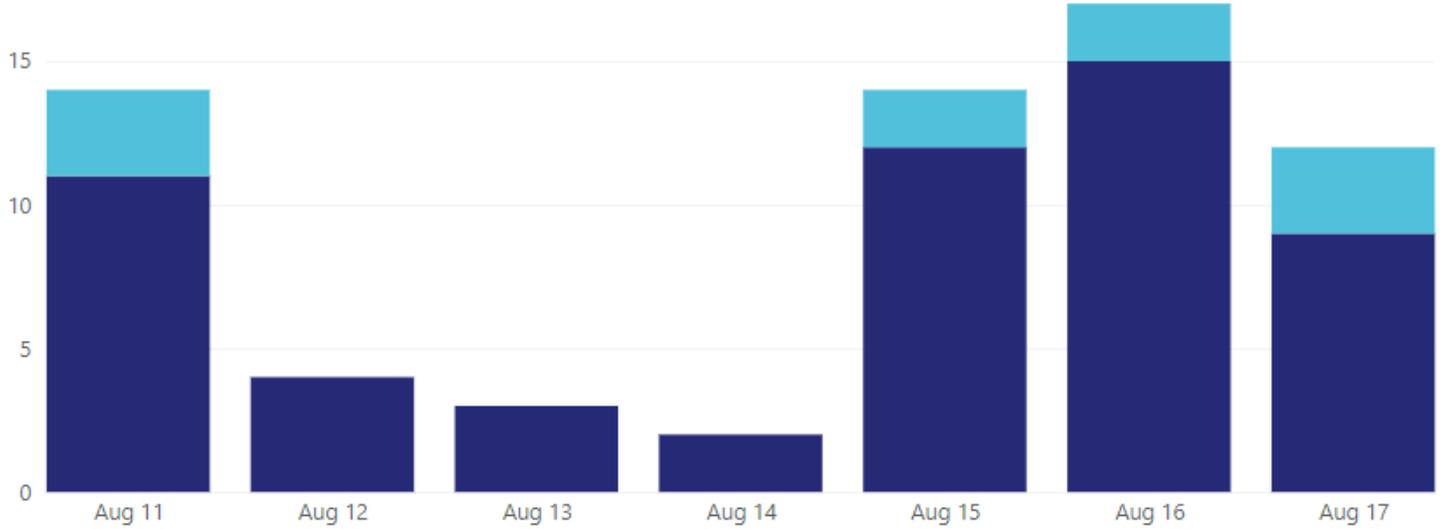
^^The CDC NOWCAST model for tracking variant proportions places the current Omicron variant proportion at ~100% of all COVID-19 cases in Michigan. The BA.5 lineage proportion has increased to 90.2% of all Omicron cases, while the BA4.6, BA.4, and BA2.12.1 lineages now represent 5.1%, 4.2%, and 0.5% of Omicron cases, respectively.



Ionia County’s case positivity rate decreased to 22%% – high risk level per the MI Safe Start Map program.

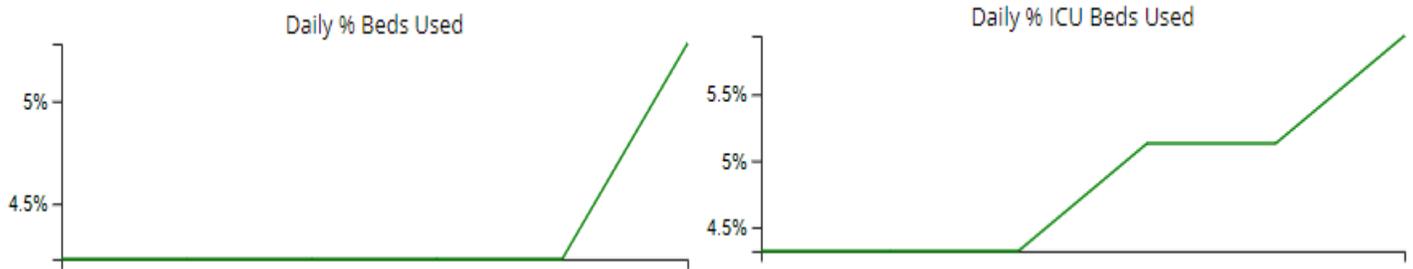
Cases by Date of Onset

CASE_STATUS ● Confirmed ● Probable



Hospitalizations and Deaths

^^Over the last week, the percentages of Daily Bed Used and Daily ICU Beds Used increased.



Weekly Totals (08/11/2022 – 08/17/2022)

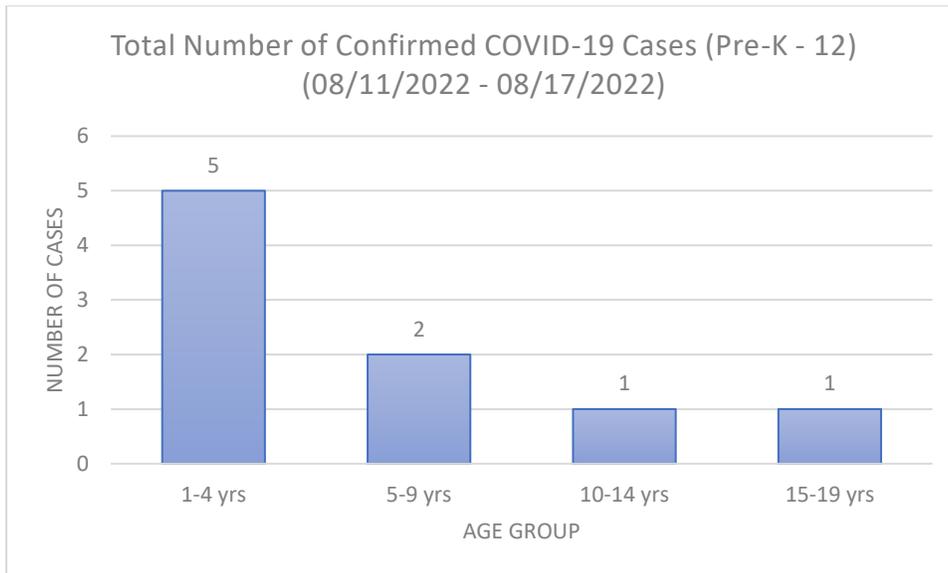
- ^Cases: 78 (Male: **40**, Female: **37**, Unknown: 1)
- ^Cases of MIS-C: **0**.
- ^Deaths: **0**

Cumulative Totals (03/01/2020 – 08/17/2022)

- ^Cases: 17,216. (Males: **8,080**, Females: **9,074**, Unspecified: 62)
- ^Cases of MIS-C: **3**. (1 Male, 2 Female)
- ^Deaths: **176**. (Male: **108**, Female: **68**)

Children and Schools

Cases in the Ionia County Health Jurisdiction



^Between 08/11/2022 and 08/17/2022, there were 9 confirmed COVID-19 cases in individuals 1-19 (1-4 y/o: 5 cases, 5-9 y/o: 2 cases, 10-14 y/o: 1 case, 15-19 y/o: 1 case). There were no confirmed cases of Multisystem Inflammatory Syndrome in Children (MIS-C) during this period.

Cumulative Totals (03/01/2020 – 08/17/2022)

- ^COVID-19 Cases (<20 y/o): **3,327**. Males: **1,639**, Female: **1,688**
- ^Cases of MIS-C: **3**

Vaccinations

COVID-19 vaccination levels have remained constant over the last week. Currently, 52% of Ionia County residents ≥ 6 months of age have received their first dose and 48% have completed their vaccination regimen, below the statewide levels of 63% and 58%, respectively.

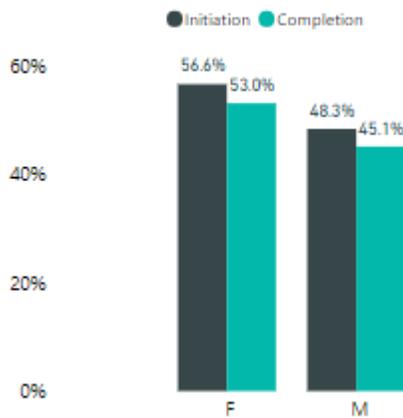
Approximately 56% of those who are fully vaccinated (completed their primary vaccination series) have received at least one booster dose.

COVID Vaccine Coverage by Age Group

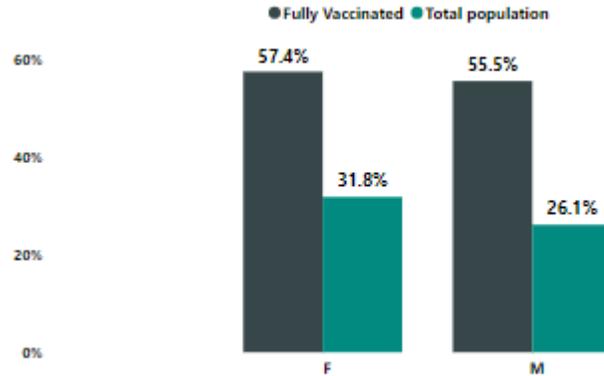


Vaccination distribution by age and sex matches that of the state and country, with female vaccination initiation and completion levels well above that of males.

COVID Vaccine Coverage by Sex



% of residents 5+ years with at least 1 booster dose by sex among those:



Omicron remains the predominant variant. Vaccination remain the most effective intervention to reduce the risks of severe illness, hospitalization, and death. It is highly recommended that those who are eligible to do so get vaccinated and/or boosted.

General Vaccination Information

To help slow the transmission of COVID-19, reduce the likelihood of hospitalization and death, and reduce the chance of future variants from emerging, the CDC continues to recommend that everyone ≥ 5 years old get vaccinated.

Per the CDC, those who are 'fully vaccinated' have completed their primary vaccination series but have not received a booster. Those who have received all recommended vaccinations – including their booster – are considered 'up-to-date'.

Boosters

Vaccine efficacy wanes over time, reducing the level of protection one has against contracting COVID-19 and developing associated health illnesses. Per the CDC, **non-boosted** individuals are **not** considered to be 'up-to-date' with their vaccinations if:

- They completed a Pfizer-BioNTech series (two doses) > 5 months ago
 - They completed a Moderna series (two doses) > 5 months ago
- OR**
- They completed a Johnson and Johnson series (one dose) > 2 months ago

For this reason, the CDC recommends boosters for those 5 years and older to maintain protection against COVID-19 and reduce the likelihood of hospitalization and death.

The FDA recently authorized a second booster for the following individuals:

- Individuals 50 and older
- Some moderately to severely immunocompromised individuals 12 and older
- Those who received a primary and booster dose of Johnson & Johnson's Janssen vaccine

Those who are eligible may receive it at least four months after their first booster.

ICHD COVID-19 Safety Recommendations

For the Community

- **Get vaccinated against COVID-19.** Vaccines are available for individuals 5+ y/o. Booster shots are also available and recommended for vaccinated individuals 18+ y/o. Call **616-527-5341** to schedule a COVID-19 vaccination appointment.
- Get your flu shot.
- Practice proper hand hygiene.
- Socially distance whenever possible and stay home if you feel ill.
- Immunocompromised individuals should get vaccinated and follow the precautions recommended for unvaccinated persons.
- Get tested. Any person who is displaying COVID-19-like symptoms should get a **viral** test to test for a current infection.

Mask Use

- The CDC recently updated its masking recommendations based on COVID-19 case values. Recommendations depend on county transmission levels and can change based on transmission status. Masks are highly recommended in populated settings. The CDC continues to recommend that individuals stay up to date on their vaccinations and get tested if symptoms arise.

For Schools and Workplaces

- Consider test-to-stay policies to help keep kids in school, as resources allow.
- **Testing:** Positive antibody tests indicate that a person has been vaccinated against COVID-19 or has had a previous COVID-19 infection. As such, antibody tests **should not** be used to diagnose a current COVID-19 infection or determine if a person can return to work or school. Individuals who have positive antibody tests can still return to normal activities, but should follow the aforementioned COVID-19 protocols, **including getting vaccinated.**

** Updated guidelines regarding mask use in public settings – including schools – are available on the Michigan.gov Coronavirus homepage.

Data Reporting Notice

The accuracy of reported cases can vary based on the time in which cases are reported. Potential delays in reporting can occur, affecting the timeliness of reported positive cases, case positivity rates, vaccinations rates, etc. As such, COVID-19-monitoring sites should be checked regularly for the most updated information regarding past cases.

Case positivity refers to the percentage of tests that indicate the presence of a COVID-19 infection.

*MDHHS-reported cases for COVID-19 are diagnosed by NAAT/RT-PCR. NAAT/RT-PCR tests are used to diagnose a current COVID-19 infection. Values listed for 'cumulative cases' and 'cumulative deaths', are based on data retrieved from MDHHS.

^MDSS-reported Data

^^CDC-reported Data

Sources

<https://www.mistartmap.info/cdc-indicators>

<https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

https://www.michigan.gov/coronavirus/0,9753,7-406-98178_103214-547150--,00.html

https://www.michigan.gov/documents/coronavirus/Nov_19_2021_Public_Health_Advisory_741750_7.pdf

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

<https://www.cdc.gov/coronavirus/2019-ncov/lab/resources/antigen-tests-guidelines.html>

<https://www.cdc.gov/coronavirus/2019-ncov/lab/resources/antibody-tests.html>

<https://www.cdc.gov/coronavirus/2019-ncov/lab/resources/sars-cov2-testing-strategies.html>

https://ioniacounty.org/wp-content/uploads/COVID-19-Return-to-School-Toolkit_Ionia-082421.pdf

https://www.cdc.gov/media/releases/2021/s1227-isolation-quarantine-guidance.html?utm_campaign=&utm_medium=email&utm_source=govdelivery

https://covid.cdc.gov/covid-data-tracker/#county-view?list_select_state=Michigan&data-type=Risk&list_select_county=26067

COVID-19 Case Investigation Records (Michigan Disease Surveillance System)

https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fvaccines%2Ffully-vaccinated.html

<https://www.michigan.gov/coronavirus/0,9753,7-406-98158-577554--,00.html>

<https://www.cdc.gov/coronavirus/2019-ncov/your-health/covid-by-county.html>

<https://www.fda.gov/news-events/press-announcements/coronavirus-covid-19-update-fda-authorizes-second-booster-dose-two-covid-19-vaccines-older-and>

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html>