Ingham County: COVID-19 Data Summary

- **Cumulative Cases = 47,951**
  - Active Cases = 8,758
  - Recovered Cases = 38,607
  - New Cases (referred since 9AM, 1/4/22) = 3,743

- **Reported Deaths = 587**
  - Case Fatality Rate = 1.3%
  - New Deaths (passed after 1/4/22) = 3

Data are current as of 9 AM, 01/11/2022.
Ingham County: COVID-19 Hospitalization Summary

HOSPITALIZATIONS AS OF 01/10/2022 (SPARROW & McLAREN)*

- Total Confirmed and Suspect Cases = 223
  - Total Confirmed = 214 (4 Pediatric)
  - Hospital Floor = 174
  - ICU = 40
- Total Ventilated = 28
- Total ED Visits on Previous Calendar Day (01/09) = 85

* Based on bed occupancy at Sparrow and McLaren, not exclusively for Ingham residents. Source: EMResource

Data are current as of 12 AM, 01/11/2022.
Ingham County: COVID-19 Hospitalizations
(Data from Sparrow Hospital and McLaren Greater Lansing*)

*Based on bed occupancy at Sparrow and McLaren, not exclusively for Ingham residents. Source: EMResource. Data current as of 12 AM, 01/11/2022.
Due to difficulties in lab test reporting to the health department, new cases on 11/10 and 11/11 were reported on 11/12

Data are current as of 12 AM, 01/09/2022.
Ingham County: 7 Day Rolling Averages - Incidence and Percent Positive Tests

*Due to difficulties in lab test reporting to the health department, new cases on 11/10 and 11/11 were reported on 11/12*

Data are current as of 12 AM, 01/09/2022.
Ingham County COVID-19 Heat Map
Last 30 Days - Data current as of 12 AM, 01/09/22
Demographics

Ingham County: Percent COVID-19 Cases by Sex
Since January 1, 2022

- 56% Male
- 44% Female

Data are current as of 12 AM, 01/09/2022.
Ingham County: Last 30-Day Percent COVID-19 Cases by Age Group

Data are current as of 12 AM, 01/09/2022.
Ingham County COVID-19: Age-Specific Case Rates
Last 30 Days

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Case Rate per 100,000 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9</td>
<td>2,035.0</td>
</tr>
<tr>
<td>10-19</td>
<td>2,522.9</td>
</tr>
<tr>
<td>20-29</td>
<td>3,826.8</td>
</tr>
<tr>
<td>30-39</td>
<td>4,456.0</td>
</tr>
<tr>
<td>40-49</td>
<td>3,204.0</td>
</tr>
<tr>
<td>50-59</td>
<td>2,896.2</td>
</tr>
<tr>
<td>60-69</td>
<td>1,775.8</td>
</tr>
<tr>
<td>70-79</td>
<td>1,336.3</td>
</tr>
<tr>
<td>80+</td>
<td>1,195.9</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Cases by Race
Since January 1, 2022

Race

<table>
<thead>
<tr>
<th>Race</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>4%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>16%</td>
</tr>
<tr>
<td>Caucasian</td>
<td>45%</td>
</tr>
<tr>
<td>Other (includes AI &amp; NH/PI)</td>
<td>17%</td>
</tr>
<tr>
<td>Unknown</td>
<td>18%</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 01/09/2022.
Ingham County COVID-19: Race-Specific Prevalence Rates Since January 1, 2022

<table>
<thead>
<tr>
<th>Race</th>
<th>Rate per 100,000 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>1,989.7</td>
</tr>
<tr>
<td>Asian</td>
<td>858.5</td>
</tr>
<tr>
<td>Caucasian</td>
<td>878.3</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Cases by Ethnicity Since January 1, 2022

Data are current as of 12 AM, 01/09/2022
Ingham County COVID-19: Ethnicity-Specific Prevalence Rates
Since January 1, 2022

Data are current as of 12 AM, 01/09/2022.
Ingham County: COVID-19 Deaths by Month

Data are current as of 12 AM, 01/09/2022.
Years at a Glance

**2021 Summary**
- Reported Cases in 2021 = 30,508
  - Recovered Cases = 26,012
  - Reported Deaths in 2021 = 378
  - Case Fatality Rate = 1.2%

**2020 Summary**
- Reported Cases in 2020 = 12,805
  - Recovered Cases = 12,603
  - Reported Deaths in 2020 = 202
  - Case Fatality Rate = 1.6%

Data are current as of 9 AM, 01/11/2022.
Ingham County: Status of COVID-19 Patients Since January 1, 2021

80.4% Recovered
18.4% Deceased
1.2% Active

Data are current as of 12 AM, 01/01/2022.
Note: Zip codes 48819, 48933, and 49264 have a population between 2050 and 2650.
Demographics

Ingham County: Percent COVID-19 Cases by Sex in 2021

53% Male

47% Female

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Cases by Race in 2021

Data are current as of 12 AM, 01/09/2022.

<table>
<thead>
<tr>
<th>Race</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>3%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>14%</td>
</tr>
<tr>
<td>Caucasian</td>
<td>60%</td>
</tr>
<tr>
<td>Other (includes AI &amp; NH/PI)</td>
<td>13%</td>
</tr>
<tr>
<td>Unknown</td>
<td>10%</td>
</tr>
</tbody>
</table>
Ingham County COVID-19: Race-Specific Prevalence Rates in 2021

- **African American**: 12,659.0
- **Caucasian**: 8,528.3

Rate per 100,000 Population

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Cases by Ethnicity in 2021

Data are current as of 12 AM, 01/09/2022
Ingham County COVID-19: Ethnicity-Specific Prevalence Rates in 2021

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Rate per 100,000 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>10,869.3</td>
</tr>
<tr>
<td>Not Hispanic or Latino</td>
<td>8,155.2</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 01/09/2022.
Ingham County COVID-19 Deaths by Zip Code in 2021

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Deaths by Age

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Deaths by Sex in 2021

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Deaths by Race

Data are current as of 12 AM, 01/09/2022.
Ingham County: Percent COVID-19 Deaths by Ethnicity

Data are current as of 12 AM, 01/09/2022.

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percent</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>6.4%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Hispanic or Latino</td>
<td>93.1%</td>
<td></td>
<td>86.5%</td>
</tr>
<tr>
<td>Unknown</td>
<td>0.5%</td>
<td></td>
<td>3.4%</td>
</tr>
</tbody>
</table>
Ingham County: COVID-19 Race-Specific Death Rates in 2021

Race

African American

Caucasian

Rate per 100,000 Population

Data are current as of 12 AM, 01/09/2022.
Ingham County: COVID-19 Ethnicity-Specific Death Rates in 2021

Rate per 100,000 Population

Data are current as of 12 AM, 01/09/2022.
COVID-19 Vaccine Update
Current as of 1/9/2022

Vaccination Status of Ingham County Residents by Age Group

Fast facts
- Since being approved early November, approximately 7,443 children ages 5-11 have received their first dose of their COVID-19 vaccine in Ingham County. That's 33.8% of 5-11 year olds in Ingham County.
- Currently, 178,342 Ingham County residents age 16 and up (76.0%) have received at least their first dose of the COVID-19 vaccine.
- Approximately 71.9% of all eligible Ingham County residents (5+) have received at least their first dose of the COVID-19 vaccine.

Two weeks ago
**Time Trends – Annual Comparison**

- Case rates (by onset date) are the highest of the pandemic
- Current increases after holidays due to spread of the Delta and Omicron variants

**7-day rolling average of Rates 2020 vs 2021**

- **Alpha (B.1.1.7) wave**
- **Delta (B.1.617.2) wave**
- **2020 Holiday wave**
- **Omicron (B.1.1.529) Wave**
Michigan Age-Standardized Rates of COVID-19 Cases and Deaths by Vaccination Status

In October, unvaccinated persons had:

**4.3 X**
Risk of Testing Positive for COVID-19

**13.2 X**
Risk of Dying from COVID-19

Footnotes: Incidence rates were age-standardized using the 2000 U.S. Census standard population, and rates are not adjusted for times since vaccination, underlying conditions, or other demographic factors besides age. Incidence rate ratios for the past one month were calculated by dividing the average weekly incidences rates among unvaccinated people by that among fully vaccinated people.
The Surge in Omicron Cases Is Driving Hospital Admissions; However, Omicron’s: Mildness Is Tempering Its Impact
Hard-Hit States Witnessed A Similar Tempering of Omicron’s Impact on Admissions
National Age-Standardized Rates of COVID-19 Cases and Deaths by Vaccination + Booster Status

In October, unvaccinated persons had:

10X Risk of Testing Positive for COVID-19

AND

20X Risk of Dying from COVID-19

compared to fully vaccinated persons with additional or booster doses

Footnotes: Incidence rates were age-standardized using the 2000 U.S. Census standard population; and rates are not adjusted for time since vaccination, underlying conditions, or other demographic factors besides age. | Incidence rate ratios for the past one month were calculated by dividing the average weekly incidence rates among unvaccinated people by that among fully vaccinated people.
Year in Review – Pandemic in Numbers
Data 1/1/2021 through 12/20/2021

- Nearly 1 in every 10 Michiganders were reported with COVID-19 in 2021
  - More than 1 (1.3) in every 10 people aged 30-39 reported COVID-19 infection in 2021
  - 4.6 times more children 0-9 were reported infected with COVID-19 in 2021 compared to 2020, the highest relative increase of any age group
  - Enough cases in 2021 to fill the Big House 8 times

- Nearly 1 in every 100 Michiganders has been admitted to the hospital for COVID-19 in 2021
  - One hospital admission every 7 minutes for COVID-19

- More than 1 in every 1,000 Michiganders died from COVID-19 in 2021
  - 4.7 times more children 0-19 died from COVID-19 in 2021 compared to 2020, the highest relative increase of any age group
  - More than 1 in every 100 Michiganders over 80 years old died from COVID-19 in 2021

Source: Michigan Disease Surveillance System (MDSS); these number include confirmed and probable
LynxDx COVID-19 testing

LynxDx offers a drive-thru COVID-19 testing site at the Ingham County Health Department.

- Hours of Operation: Mon – Thurs: 10am – 4pm

- No Out-of-Pocket Expense
- qPCR test
- Results within 48 hours
- Saliva-based
- Symptoms not required