INGHAM COUNTY: COVID-19 UPDATE
NOVEMBER 8, 2022
Years at a Glance

2020 Summary
- Reported Cases in 2020 = 12,773
  - Recovered Cases = 12,571
- Reported Deaths in 2020 = 202
  - Case Fatality Rate = 1.6%

2021 Summary
- Reported Cases in 2021 = 30,760
  - Recovered Cases = 30,366
- Reported Deaths in 2021 = 394
  - Case Fatality Rate = 1.3%

2022 Summary
- Reported Cases in 2022 = 36,828
  - Active Cases = 1,479
  - Recovered Cases = 35,106
  - New Cases (referred since 9AM, 11/01/22) = 384
- Reported Deaths in 2022 = 243
  - Case Fatality Rate = 0.7%
  - New Deaths (passed after 11/01/22) = 0

Data are current as of 9 AM, 11/08/2022.
Ingham County: COVID-19 Hospitalization Summary

HOSPITALIZATIONS AS OF 11/07/2022 (SPARROW & MCLAREN)*

- Total Confirmed and Suspect Cases = 45
  - Total Confirmed = 28 (0 Pediatric)
  - Hospital Floor = 33
  - ICU = 4
- Total Ventilated = 0
- Total ED Visits on Previous Calendar Day (11/06) = 45

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

Data are current as of 12 AM, 11/07/2022
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, 11/07/2022.
Ingham County: Status of COVID-19 Patients Since January 1, 2022

- 95.3% Recovered
- 4.0% Deceased
- 0.7% Active

Data are current as of 12 AM, 11/06/2022.
Ingham County: Annual Incidence Trends

Data are current as of 12 AM, 11/06/2022.

First Wave

Alpha (B.1.1.7) Wave

Omicron (BA.1) Wave

Delta (B.1.611.2) Wave

Omicron (BA.2) Wave

Omicron (B.1.1.529) Wave

2020 Holiday Wave

2020

2021

2022
Ingham County: COVID-19 Case Rates by Sex
Since January 1, 2022

Cases Per 100,000 Population

Male: 11,451.3
Female: 13,559.9

Data are current as of 12 AM, 11/06/2022.
Ingham County COVID-19: Age-Specific Case Rates
Last 30 Days

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Rate per 100,000 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9</td>
<td>326.7</td>
</tr>
<tr>
<td>10-19</td>
<td>189.4</td>
</tr>
<tr>
<td>20-29</td>
<td>364.1</td>
</tr>
<tr>
<td>30-39</td>
<td>690.6</td>
</tr>
<tr>
<td>40-49</td>
<td>620.9</td>
</tr>
<tr>
<td>50-59</td>
<td>656.2</td>
</tr>
<tr>
<td>60-69</td>
<td>583.2</td>
</tr>
<tr>
<td>70-79</td>
<td>806.3</td>
</tr>
<tr>
<td>80+</td>
<td>1,047.8</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 11/06/2022.
Ingham County COVID-19: Race-Specific Prevalence Rates
Since January 1, 2022

Race

- African American: 15,454.3 Rate per 100,000 Population
- Caucasian: 10,693.3 Rate per 100,000 Population

Data are current as of 12 AM, 11/06/2022.
Ingham County: Percent COVID-19 Deaths by Age

Data are current as of 12 AM, 11/06/2022.
Ingham County: Percent COVID-19 Deaths by Sex Since January 1, 2022

Data are current as of 12 AM, 11/06/2022.

- Female: 46.9%
- Male: 53.1%
Ingham County: Percent COVID-19 Deaths by Race

<table>
<thead>
<tr>
<th>Race</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>2.0%</td>
<td>1.8%</td>
<td>1.2%</td>
</tr>
<tr>
<td>African</td>
<td>17.8%</td>
<td>16.8%</td>
<td>16.9%</td>
</tr>
<tr>
<td>American</td>
<td>16.9%</td>
<td>16.8%</td>
<td>16.9%</td>
</tr>
<tr>
<td>Caucasian</td>
<td>76.2%</td>
<td>75.1%</td>
<td>74.1%</td>
</tr>
<tr>
<td>Other</td>
<td>4.0%</td>
<td>5.8%</td>
<td>5.8%</td>
</tr>
<tr>
<td>Unknown</td>
<td>0.0%</td>
<td>0.5%</td>
<td>2.1%</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 11/06/2022.
Ingham County: Percent COVID-19 Deaths by Ethnicity

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>6.4%</td>
</tr>
<tr>
<td>Not Hispanic or Latino</td>
<td>93.6%</td>
</tr>
<tr>
<td>Unknown</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 11/06/2022.
Ingham County COVID-19 Deaths by Zip Code
Since January 1, 2022

Data are current as of 12 AM, 11/06/2022.
Ingham County: COVID-19 Race-Specific Death Rates
Since January 1, 2022

Race

<table>
<thead>
<tr>
<th>Race</th>
<th>Rate per 100,000 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>94.3</td>
</tr>
<tr>
<td>Caucasian</td>
<td>77.4</td>
</tr>
</tbody>
</table>

Data are current as of 12 AM, 11/06/2022.
Ingham County: COVID-19 Ethnicity-Specific Death Rates
Since January 1, 2022

Rate per 100,000 Population

Data are current as of 12 AM, 11/06/2022.
Ingham County: COVID-19 Deaths by Month and Age

Data are current as of 12 AM, 11/06/2022.
COVID-19 Vaccine Update

Current as of 11/01/2022

Vaccination Status of Ingham County Residents by Age Group

Fast facts

- Since being approved early November, approximately 9,797 children ages 5-11 have received their first dose of their COVID-19 vaccine in Ingham County. That's 44.2% of 5-11 year olds in Ingham County.

- Currently 187,678 Ingham County residents age 16 and up (77.2%) have received at least their first dose of the COVID-19 vaccine.

- Approximately 70% of all eligible Ingham County residents (6 months+) have received at least their first dose of the COVID-19 vaccine.
Recent statewide trends are showing slow increases

Statewide trends

- Positivity, %
  - Current: 14.0%
  - Last Week: 14.2%

- Daily cases per million
  - Current: 125.6
  - Last Week: 133.7

- Wastewater

  - Current: 75% of sites are above 20% baseline threshold
  - Last Week: 60% of sites are above 20% baseline threshold

Data through 11/01/22 from https://mistartmap.info

- The two core indicators, test percent positivity, and case rates, are steady over the past several weeks but up from last week

- 16 counties are currently showing increases in cases and an additional 23 reported an elevated incidence plateau in case rates, both are higher than recent weeks (via mistartmap.info as of 10/28/22, data through 10/20/22)

- 75% (15/20) of wastewater sentinel sites have reported levels that are 20% are higher than baseline threshold levels this week, the highest in 7 weeks

Source: https://mistartmap.info
Recent statewide trends are showing slow increases

Statewide trends

- **Reproductive Number, $R_t$**
  - Current: 1.07
  - Last Week: 0.96

- **Hospital Admissions**
  - Current: 11.8
  - Last Week: 10.3

- **Daily hospitalization rate, %**
  - Current: 5.7%
  - Last Week: 5.6%

- **Deaths**
  - Current: 1.5
  - Last Week: 1.1

- The other two core indicators, the percent of inpatient beds that have patients diagnosed with COVID-19 and deaths, have both seen slight increase compared to last week.

- Additionally, the reproductive number ($R_t$) in Michigan is slightly above 1 indicating that case trends are slowly increasing.

- There are an average of 11.8 hospital admissions per 100,000 Michiganders day which is slightly higher than last week.

Source: https://misdr有名的mpa.com