

# Michigan's Statewide Quarterly Immunization Report Card

CURRENT DATA as of March 31, 2022

| Population Summary              | 2020 Census | MCIR       |
|---------------------------------|-------------|------------|
| Total Population                | 10,040,141  | 12,406,171 |
| Children 19 through 35 months   | –           | 163,785    |
| Adolescents 13 through 17 years | 637,374     | 758,773    |
| Adults 20 years and older       | 7,605,901   | 9,663,694  |



## Percent Coverage by Vaccine/Series

|   | MI Coverage (%)     | US Average (%)    | HP 2020 Goal (%)     |                         |                     |
|---|---------------------|-------------------|----------------------|-------------------------|---------------------|
| <b>Child Vaccinations (19 through 35 months)</b>      |                     | <b>MCIR</b>       | <b>2018 NIS</b>      |                         |                     |
| Birth Dose HepB (within 3 days of birth)              | ¥                   | 79.6              | 85                   |                         |                     |
| 4313314*  | 68.5                | 75.4              | 80                   |                         |                     |
| 43133142*   | 55.4                | –                 | -                    |                         |                     |
| 2+ HepA   | 57.2                | 77.4              | 85                   |                         |                     |
| 4+ DTaP   | 71.1                | 87.2              | 90                   |                         |                     |
| PCV Complete  | 77.6                | 86                | 90                   |                         |                     |
| Rotavirus Complete (8-24months)                       | 63.0                | –                 | -                    |                         |                     |
| WIC 4313314*  | 70.6                | 67.3 <sup>a</sup> | -                    |                         |                     |
| Medicaid 4313314*                                     | 64.8                | –                 | -                    |                         |                     |
|   | Asian/Pac. Islander | White             | Black                | Unknown                 |                     |
| 4313314* by Race (based on mother's race)             | 79.9                | 75.1              | 53.8                 | 34.3                    |                     |
| <b>Adolescent Vaccinations (13 through 17 years)</b>  |                     | <b>MCIR</b>       | <b>2020 NIS Teen</b> | <b>HP 2020 Goal (%)</b> |                     |
| 132321**  | 72.9                | –                 | -                    |                         |                     |
| 1323213**   | 42.5                | –                 | -                    |                         |                     |
| 1+ Tdap   | 75.8                | 90.1              | 80                   |                         |                     |
| 1+ MenACWY  | 76.9                | 89.3              | 80                   |                         |                     |
| HPV Complete (Females)                                | 45.1                | 61.4              | 80                   |                         |                     |
| HPV Complete (Males)                                  | 43.1                | 56                | 80                   |                         |                     |
| HPV Complete (Males & Females)                        | 44.1                | 58.6              |                      |                         |                     |
| MenACWY Complete (17yrs)                              | 41.6                | 54.4 <sup>b</sup> | -                    |                         |                     |
| 1+ MenB (16 through 18 yrs)                           | 24.9                | –                 | -                    |                         |                     |
| <b>Select Adult Vaccinations (Census Denominator)</b> |                     | <b>2018 NHIS</b>  |                      |                         |                     |
| 1+ Tdap (19-64yrs)                                    | 68.6                | 33.5              | -                    |                         |                     |
| 1+ PPSV23 (65yrs+)§                                   | 56.1                | 43.2 <sup>c</sup> | -                    |                         |                     |
| 1+ HepA (19yrs+)                                      | 24.5                | -                 | -                    |                         |                     |
| Zoster (50yrs+)                                       | 27.9                | 24.1              | 30                   |                         |                     |
| Composite Measure§¥¥                                  | 12.9                | -                 | -                    |                         |                     |
| <b>2021-22 Mid Season Influenza</b>                   |                     | <b>US Flu</b>     |                      |                         |                     |
| Flu Complete (6months through 8yrs)                   | 21.8                | -                 |                      |                         |                     |
| 1+ Flu (6months through 17yrs)                        | 22.4                | 58.6              | 70%                  |                         |                     |
| 1+ Flu (18yrs+)                                       | 31.5                | 50.2              | 70%                  |                         |                     |
| <b>School/Childcare Feb '22 Data</b>                  |                     | <b>Total</b>      | <b>Kindergarten</b>  | <b>7th Grade</b>        | <b>New Entrants</b> |
| School Complete                                       | 92.2                | 91.8              | 91.7                 | 92.8                    |                     |
| Percent waiving 1+ vaccines                           | 4.1                 | 4.5               | 3.8                  | 4.1                     |                     |
| Childcare   | Complete: 86.1      |                   | Percent Waived: 2.8  |                         |                     |

¥ Coverage was omitted because of a possible delay in electronic birth file reporting.

\* 4313314(2): 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 HepB, 1 Varicella, 4 PCV, (2 HepA)

\*\* 132321(3): 1 Tdap, 3 Polio, 2 MMR, 3 HepB, 2 Varicella, 1 MenACWY, (2 or 3 HPV-Males & Females)

§ Will be updated in 2022Q2 to reflect updated ACIP recommendations for adults: [https://www.cdc.gov/mmwr/volumes/71/wr/mm7104a1.htm?s\\_cid=mm7104a1\\_w](https://www.cdc.gov/mmwr/volumes/71/wr/mm7104a1.htm?s_cid=mm7104a1_w)

¥¥ Age based assessment of adults for flu(19yrs+), tetanus(19yrs+), zoster (50yrs+), and PPSV23 (65yrs+)

<sup>a</sup> Data from: <https://www.cdc.gov/vaccines/imz-managers/coverage/childvaxview/data-reports/7-series/trend/index.html>

<sup>b</sup> Data from: <https://www.cdc.gov/mmwr/volumes/70/wr/mm7035a1.htm>

<sup>c</sup> Data from: <https://www.cdc.gov/mmwr/volumes/66/wr/mm6627a4.htm>

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## Vaccination Coverage, Past 8 Quarters, Select Vaccines/Series

|            | Series                           | 2019Q3 | 2019Q4 | 2020Q1 | 2020Q2 | 2020Q3 | 2021Q3 <sup>†</sup> | 2021Q4 | 2022Q1      |
|------------|----------------------------------|--------|--------|--------|--------|--------|---------------------|--------|-------------|
| Child      | 4313314*                         | 74.7   | 74.0   | 73.1   | 70.7   | 70.3   | 70.4                | 69.9   | <b>68.5</b> |
|            | 43133142*                        | 59.7   | 59.2   | 57.3   | 53.9   | 55.8   | 57.6                | 56.8   | <b>55.4</b> |
|            | 4+ DTaP                          | 77.3   | 76.6   | 75.6   | 73.2   | 72.9   | 73.0                | 72.6   | <b>71.1</b> |
|            | PCV Complete                     | 83.2   | 82.6   | 81.9   | 80.2   | 79.3   | 79.2                | 79.0   | <b>77.6</b> |
|            | Rota. Complete (8-24 mos)        | 70.5   | 70.0   | 70.1   | 69.6   | 68.4   | 63.8                | 63.1   | <b>63.0</b> |
|            | WIC 4313314* Covg.               | 78.3   | 77.5   | 76.3   | 73.1   | 72.5   | 71.3                | 71.0   | <b>70.6</b> |
|            | Medicaid 4313314* Covg.          | 73.1   | 72.1   | 70.7   | 67.7   | 67.3   | 65.9                | 65.2   | <b>64.8</b> |
| Adolescent | 132321**                         | 74.4   | 73.7   | 75.5   | 75.7   | 75.3   | 72.6                | 72.6   | <b>72.9</b> |
|            | 1323213**                        | 41.4   | 41.3   | 42.4   | 42.2   | 42.7   | 42.6                | 42.5   | <b>42.5</b> |
|            | HPV Complete (Females)           | 45.3   | 44.8   | 45.2   | 44.6   | 45.1   | 45.5                | 45.4   | <b>45.1</b> |
|            | HPV Complete (Males)             | 42.7   | 42.4   | 42.9   | 42.4   | 43.1   | 43.6                | 43.4   | <b>43.1</b> |
|            | MenACWY Complete (17yrs)         | 48.5   | 47.6   | 47.8   | 45.8   | 45.2   | 42.3                | 25.9   | <b>24.9</b> |
| Adult      | 1+ Tdap (19-64yrs)               | 59.1   | 60.3   | 60.9   | 61.4   | 62.9   | 67.0                | 67.8   | <b>68.6</b> |
|            | Zoster(50/60yrs+) <sup>¥</sup>   | 19.0   | 20.3   | 20.7   | 20.4   | 21.2   | 26.0                | 26.8   | <b>27.9</b> |
|            | 1+ PPSV23 (65yrs+) <sup>§</sup>  | 48.9   | 51.6   | 51.7   | 48.5   | 49.5   | 55.1                | 55.3   | <b>56.1</b> |
|            | Composite Measure <sup>§¥¥</sup> |        | 9.9    | 10.9   | 11.1   | 11.4   | 13.2                | 11.6   | <b>12.9</b> |

\* 4313314(2): 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 HepB, 1 Varicella, 4 PCV, (2 HepA)

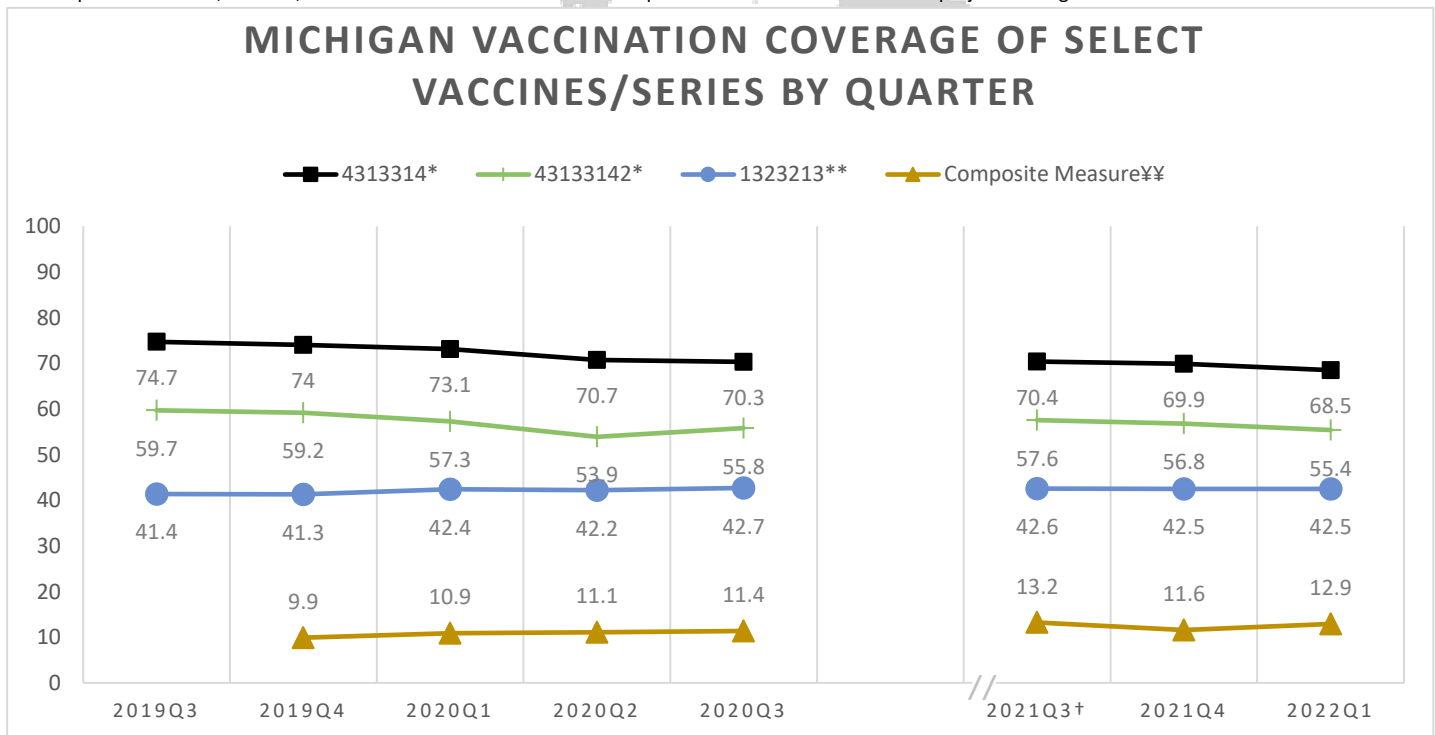
\*\* 132321(3): 1 Tdap, 3 Polio, 2 MMR, 3 HepB, 2 Varicella, 1 MenACWY, (2 or 3 HPV-Males & Females)

¥ Measure updated in 2018Q4 to 50+ and assessed 1+ Shingrix or Zostavax complete

§ Will be updated in 2022Q2 to reflect updated ACIP recommendations for adults: [https://www.cdc.gov/mmwr/volumes/71/wr/mm7104a1.htm?s\\_cid=mm7104a1\\_w](https://www.cdc.gov/mmwr/volumes/71/wr/mm7104a1.htm?s_cid=mm7104a1_w)

§¥¥ Age based assessment of adults for flu(19yrs+), tetanus(19yrs+), zoster (50yrs+), and PPSV23 (65yrs+)

† Data for quarters 2020Q4, 2021Q1, and 2021Q2 were not extracted due to prioritization of COVID-19 related projects during 2020 and 2021



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