

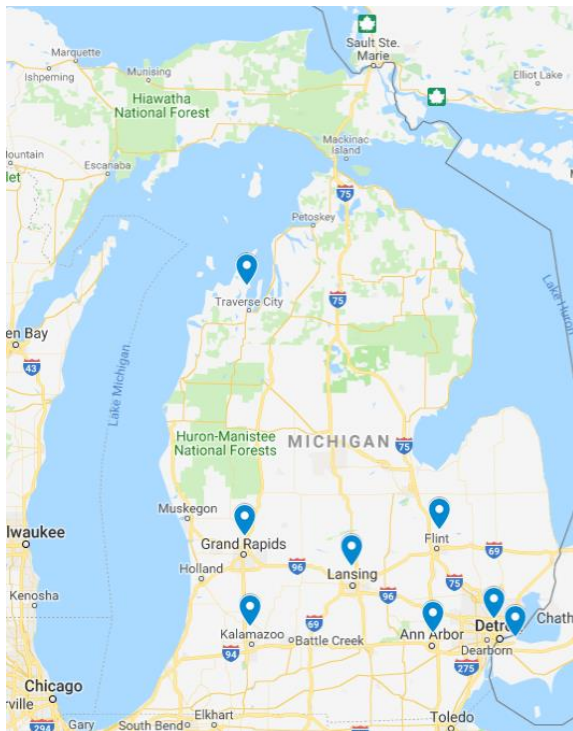


# Michigan Children's Vaccine Status

Matthew Denenberg MD

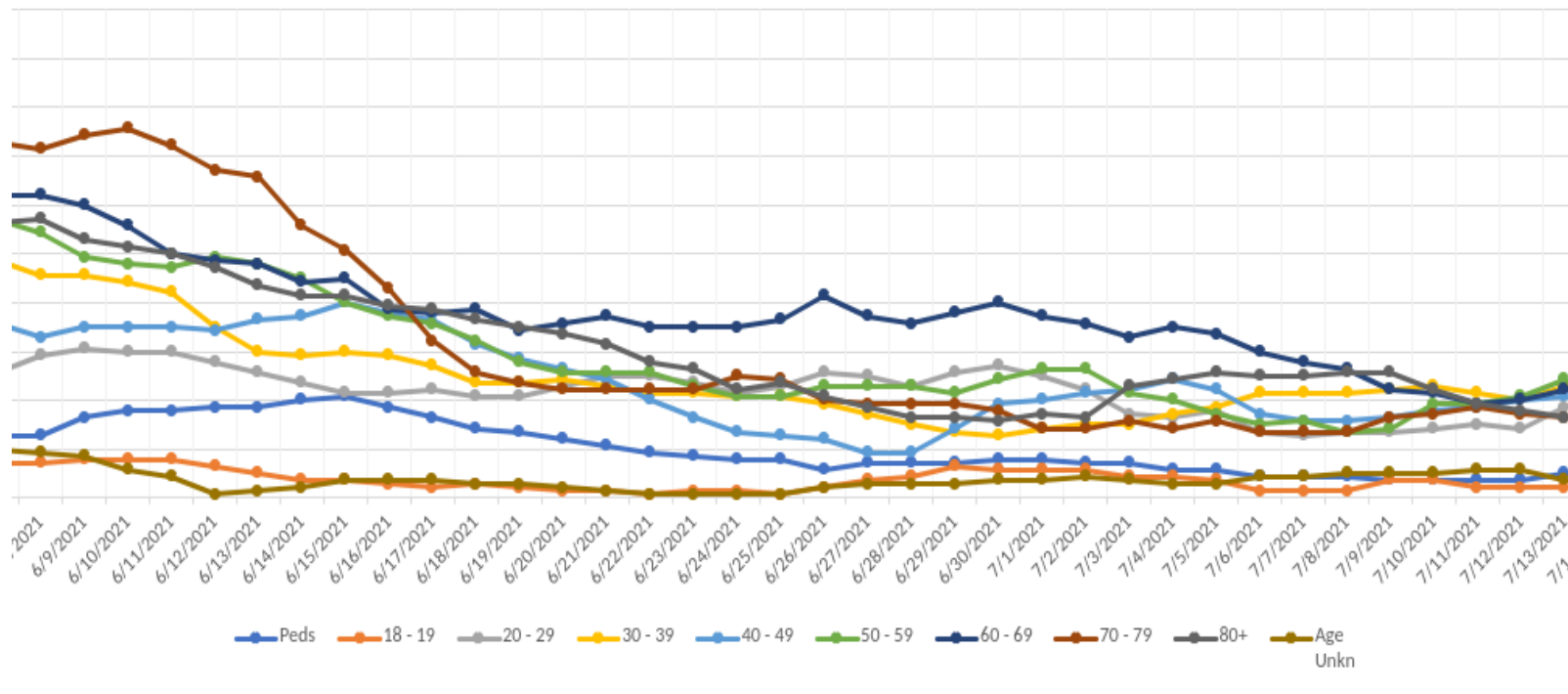
JULY 16, 2021

# Michigan Children's Hospital Leadership Collaborative



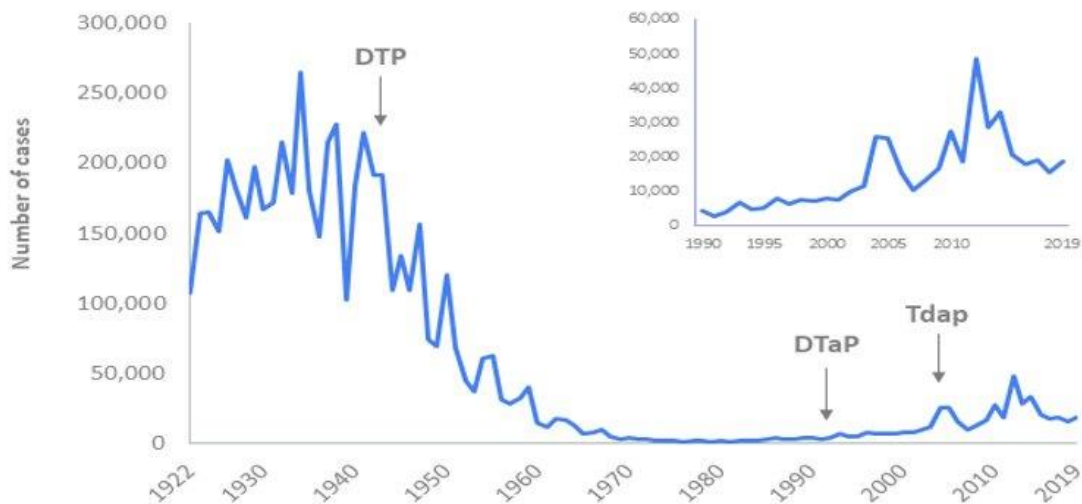
- ▶ Ascension St. John's Children's
- ▶ Beaumont Children's Hospital
- ▶ Bronson Children's Hospital
- ▶ Covenant Health
- ▶ Children's Hospital of Michigan
- ▶ CS Mott Children's Hospital
- ▶ Helen DeVos Children's Hospital
- ▶ Hurley Children's Hospital
- ▶ Munson Medical Center
- ▶ Sparrow Children's

### Confirmed COVID-19 Hospital Admissions by Age Group- Statewide Rolling Weekly Average



# Pertussis

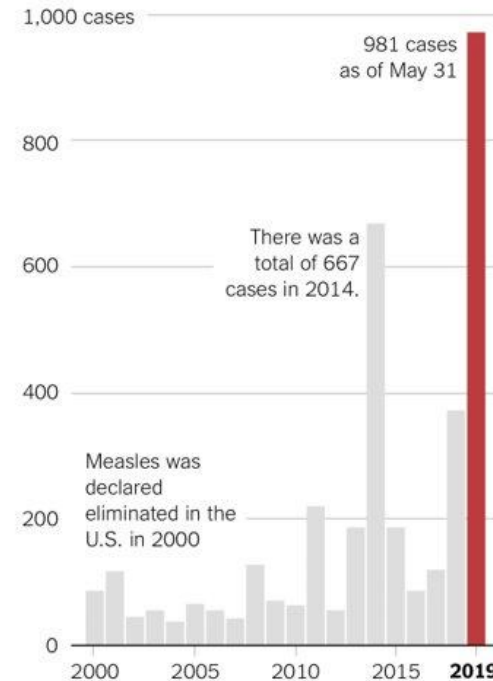
## Reported NNDSS pertussis cases: 1922-2019



SOURCE: CDC, National Notifiable Diseases Surveillance System

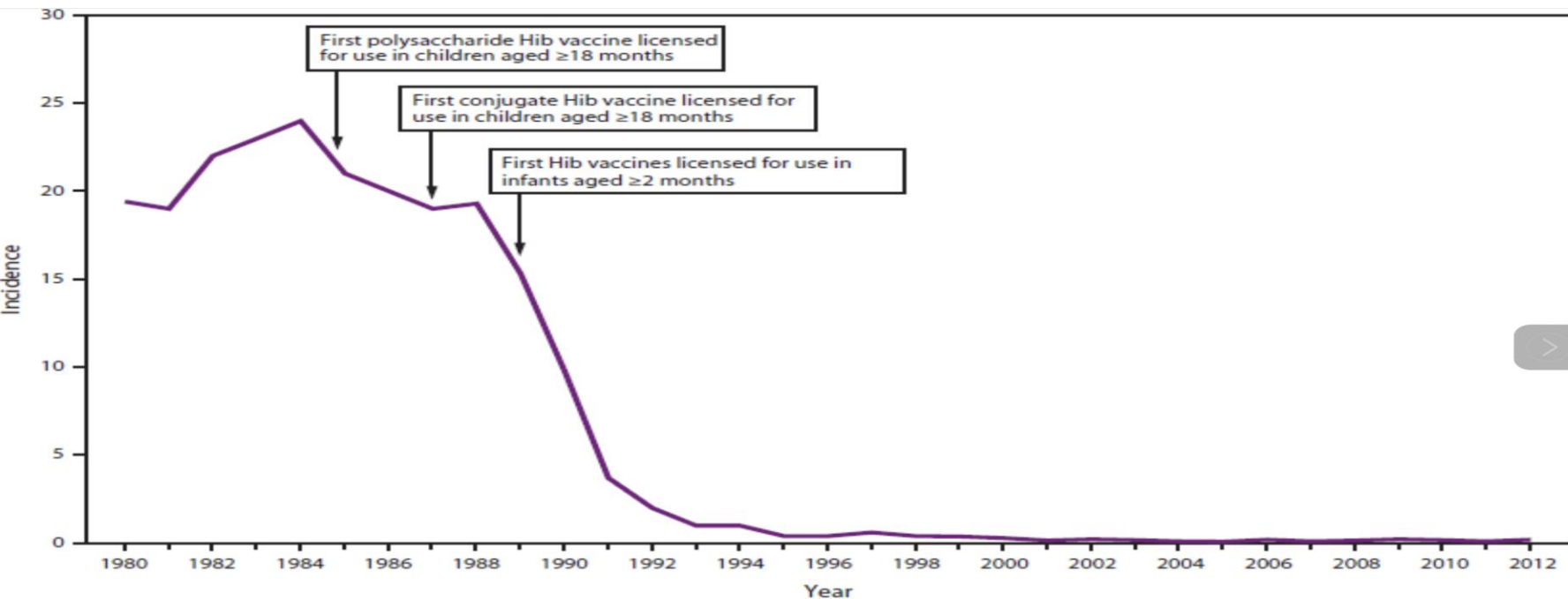
## Measles deaths up 50% from 2016 to 2019 claiming over 207,500 lives in 2019

- From January 1 to December 31, 2019, 1,282\* individual cases of measles were confirmed in 31 states. With major outbreaks at Disney Land, Michigan and New York.
- This is the greatest number of cases reported in the U.S. since 1992. The **majority of cases were among people who were not vaccinated against measles**. Measles is more likely to spread and cause outbreaks in U.S. communities where groups of people are unvaccinated.
- "Before there was a coronavirus crisis, the world was grappling with a measles crisis, and it has not gone away," said Henrietta Fore, UNICEF Executive Director. "... we must not allow our fight against one deadly disease to come at the expense of our fight against another."

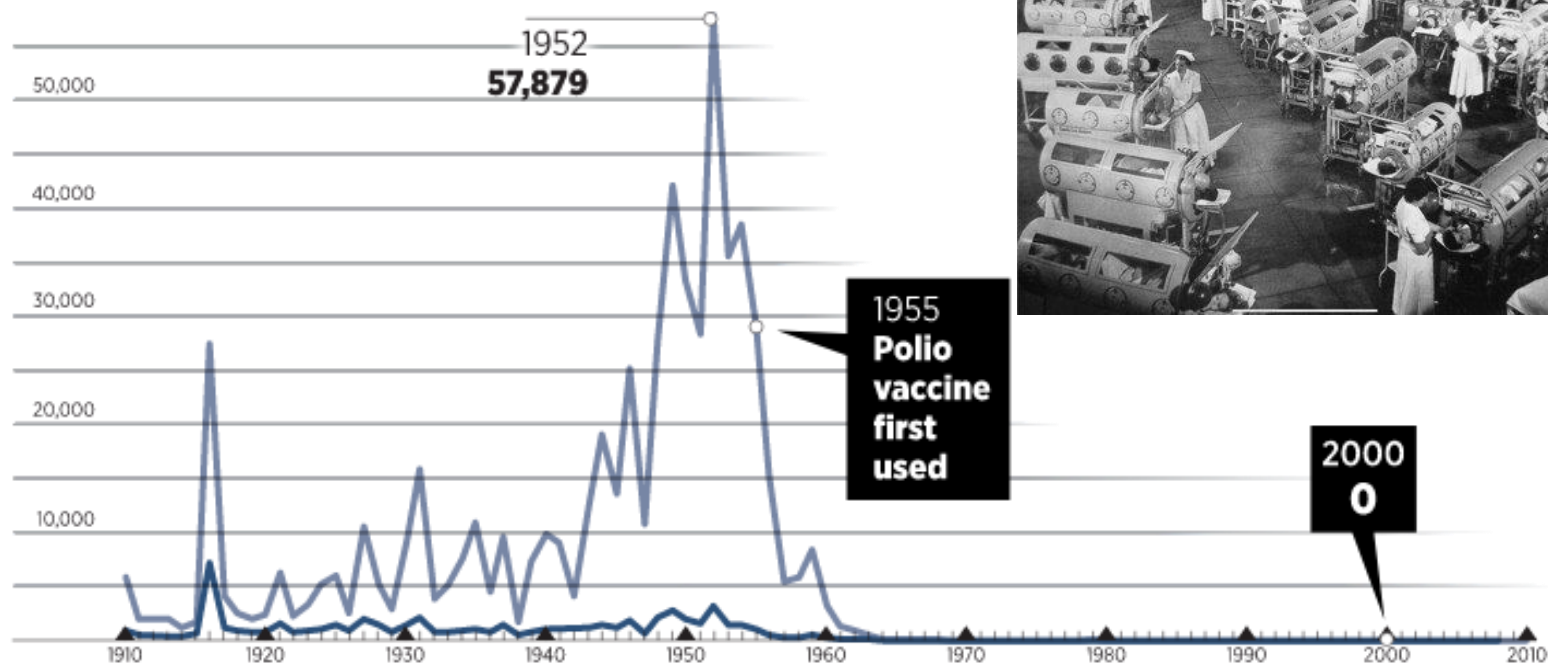


Source: Centers for Disease Control and Prevention

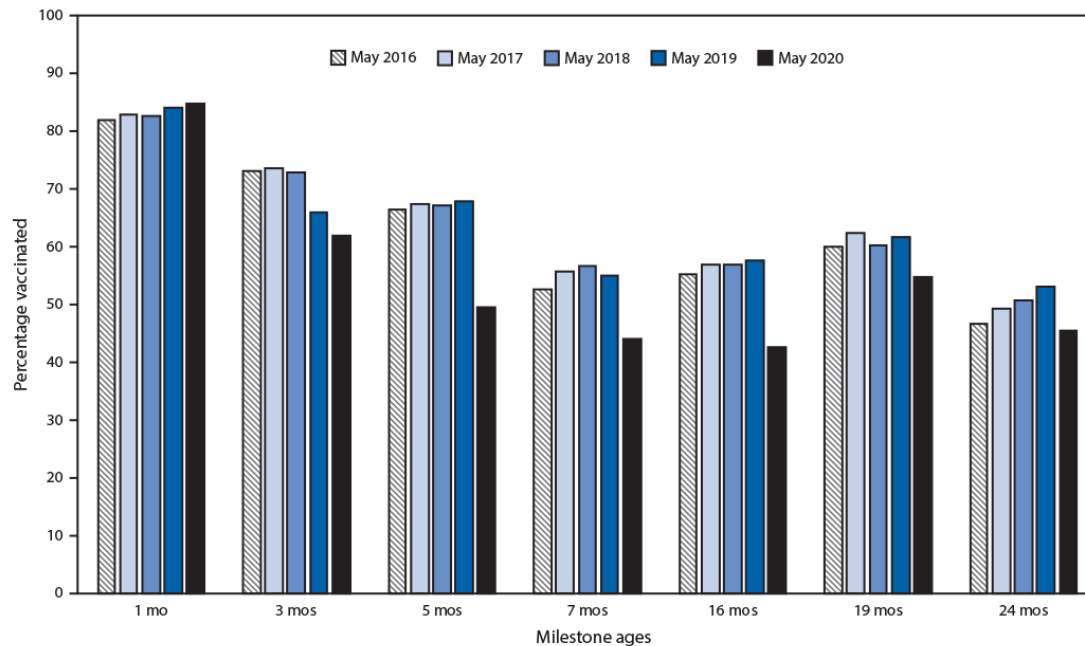
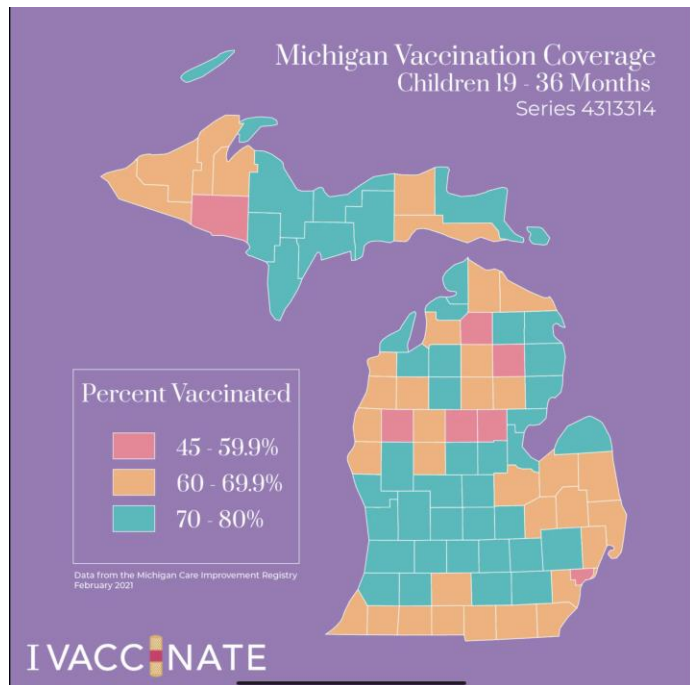
## Hemophilis Influenzae(HiB)



# Polio

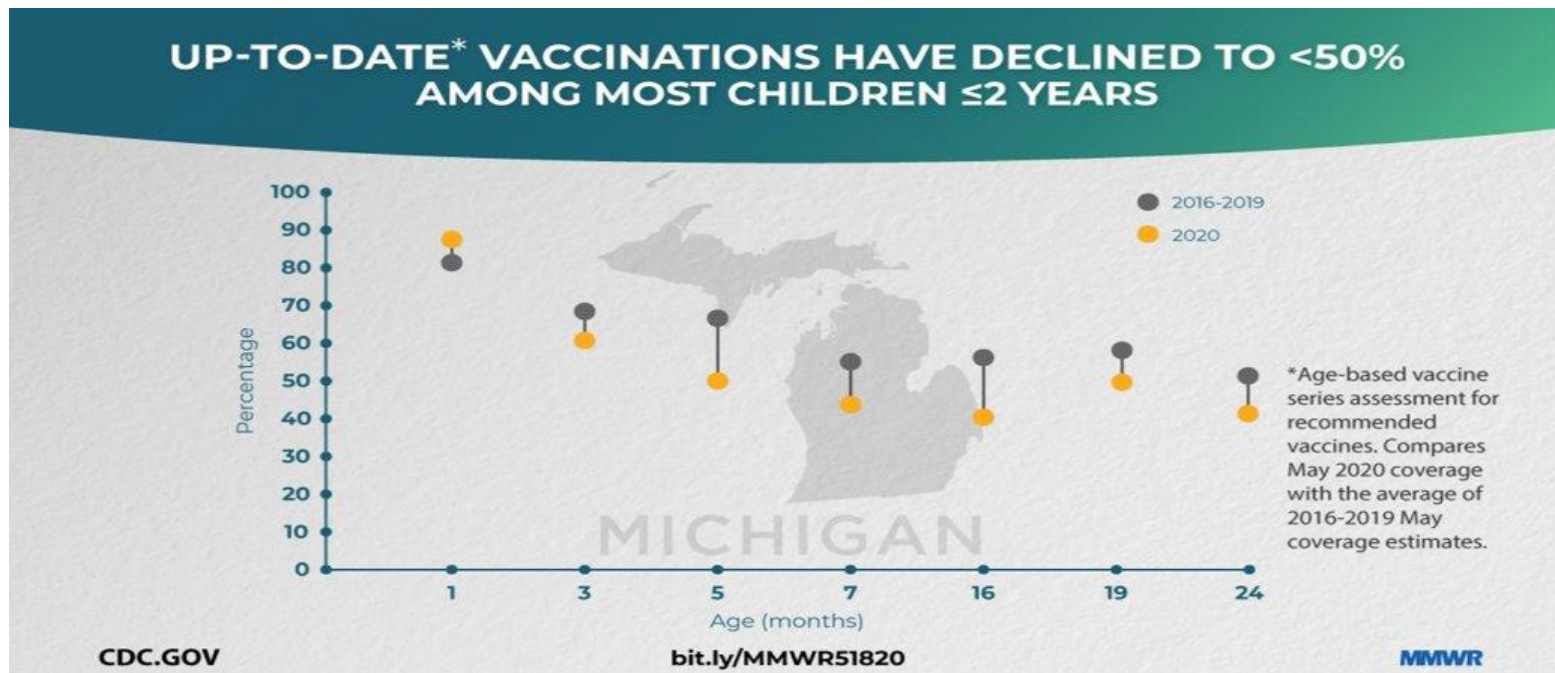


# Michigan Childhood Vaccination Rates

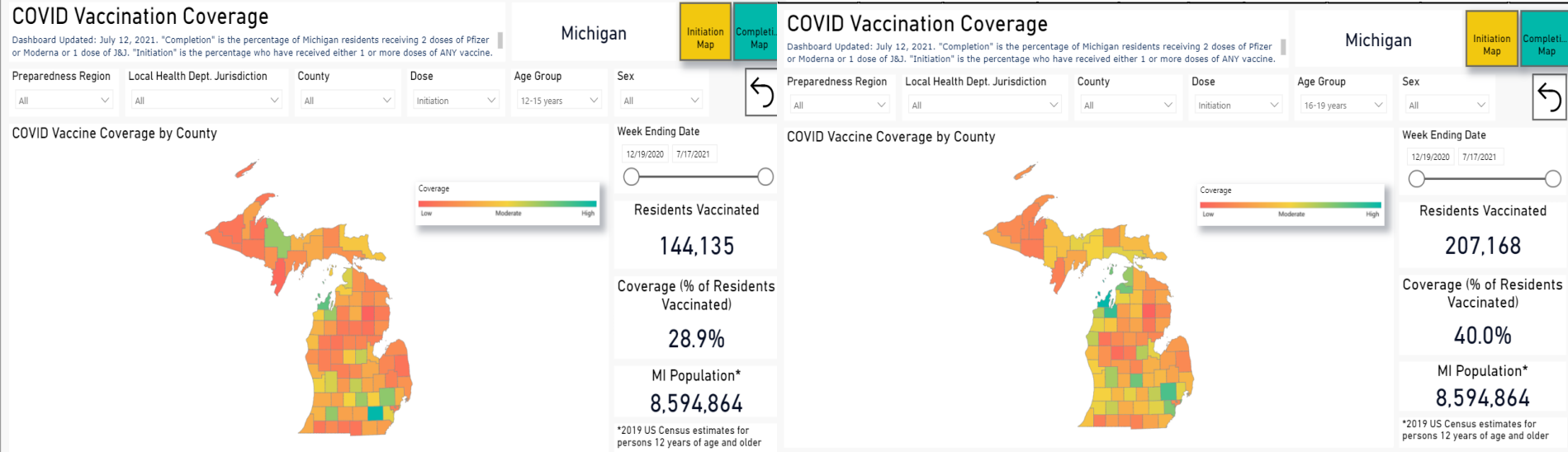




# Michigan Vaccination Rates



# Pediatric Vaccine Coverage in Michigan



- The seven-vaccine series rate was 72.8%, well short of the healthy people 2020 target of 90%. African American infants, infants born to mothers with less than high school education, and infants in families with an income below poverty were less likely to get the complete series.
  - ***Kulkarni AA, Desai RP, Alcalá HE, Balkrishnan R (2021) Persistent disparities in immunization rates for the Seven-Vaccine series among infants 19–35 months in the United States, Health Equity5:1, 135–139, DOI: 10.1089/heq.2020.0127***

# "Individual's strong relationship with their primary care physician is essential"

The simplest way to convince people to get the vaccine is by getting a **trusted medical professional involved**," says Dr. Louis Sullivan, former head of the U.S. Department of Health and Human Services and current Co-Chair of the Henry Schein Cares Foundation's board of directors, in a statement. "The data from this survey ties in with what we've found, which is that an **individual's strong relationship with their primary care physician is essential** for getting the right medical information and taking action to protect their health."

<https://www.studyfinds.org/covid-19-vaccine-doctors-trust/>

Even people who are truly resistant — reporting that they are unlikely to get vaccinated — may reconsider once they are in a doctor's office where vaccine is available. For this group, regularly scheduled visits may be the best option for addressing vaccine concerns and motivating vaccine acceptance. Primary care clinicians have a core responsibility to make preventive services, including vaccination, available. Most practices are well acquainted with the task of persuading patients who are resistant to preventive services, including vaccines.

**Among unvaccinated survey respondents, one in six (15%) said they would be more inclined to be vaccinated if their health care provider recommended it to them.**

*Ratzan et al. N Engl J Med 2021*

# Thank you

## Contact

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