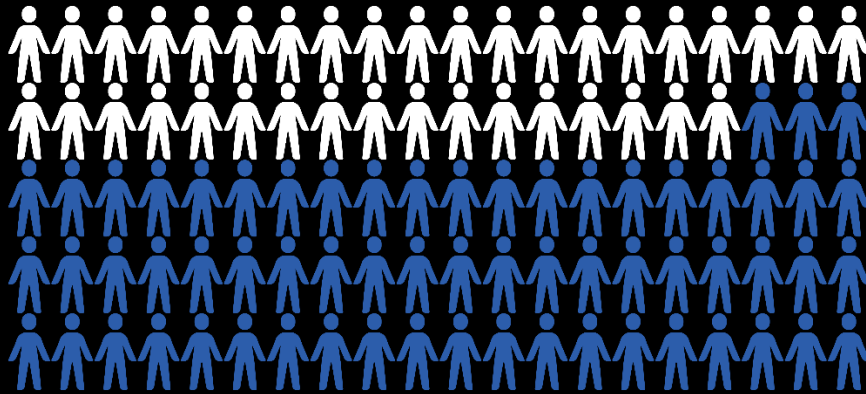




Kalamazoo County Influenza Vaccine Coverage Summary 2022-23 Influenza Season

During the last flu season, only 37 out of every 100 children age 6 months to 4 years received their flu vaccine in Kalamazoo County.



Children younger than five years old, especially those younger than two, are at a higher risk of developing serious flu related complications.

Source: Kalamazoo County Health & Community Services Department.



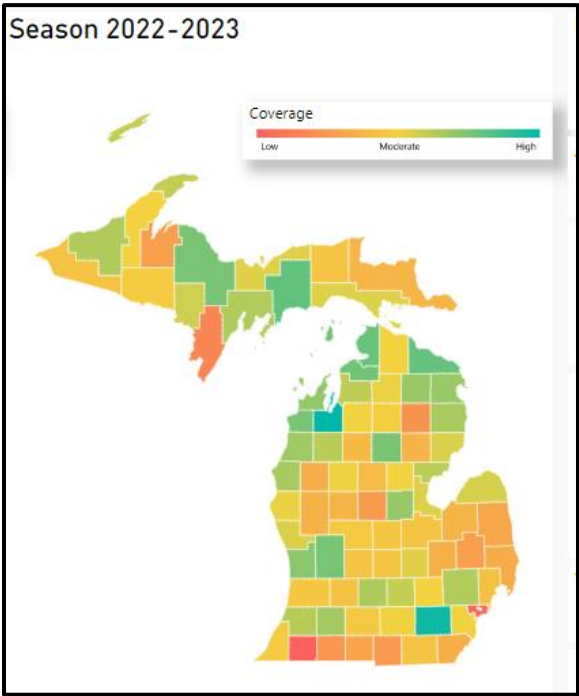
The CDC recommends an annual influenza vaccination for all persons aged 6 months and older who do not have contraindications. For most persons who only need one dose of influenza for the season, vaccination should ideally be offered during September or October. However, vaccination should continue throughout the season as long as influenza viruses are circulating.

Certain groups are at higher risk of developing serious complications from the flu compared to young, healthy adults. These groups include: people age 65 years and older and adults with chronic health conditions such as asthma, heart disease, diabetes and chronic kidney disease. During pregnancy, changes to the immune system, heart, and lungs make people more susceptible to potentially serious flu complications. Flu may also be harmful for a developing baby. Children younger than five years old, especially those younger than two are also at higher risk of developing serious flu related complications. Additionally, children of any age with certain chronic health conditions are also at higher risk.

All data was obtained from the Michigan Flu Dashboard <https://www.michigan.gov/flu/flu-dashboard>. Data was last updated on 7/1/23 and was accessed on 7/27/23. **Report date: 7/28/23**

2022-23 Flu Season Coverage Rates by County

The map below shows the overall influenza vaccination coverage rate by county, a darker green color indicates a higher vaccination rate. These rates are based on the county population age 6 months or older. For the 2022-23 flu season, the highest county vaccination rate in the state was Grand Traverse County (44%) followed by Washtenaw County at 43% (see table below). The coverage rate in Kalamazoo County was 33.6%; additional data by county and for Michigan is located at the following link www.michigan.gov/flu

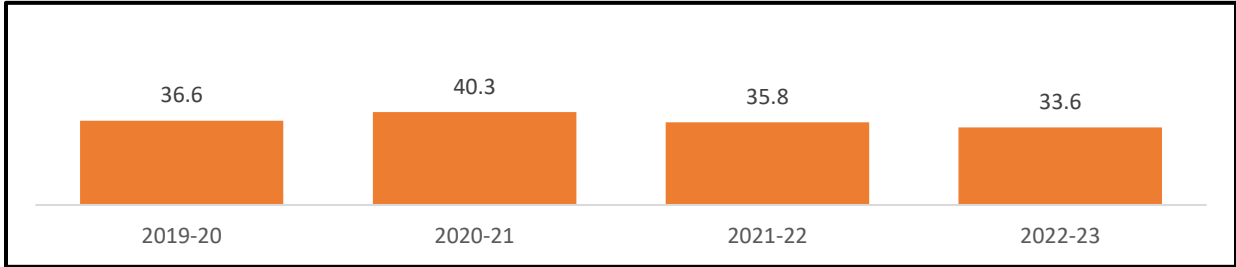


Data Source: www.michigan.gov/flu; accessed 7/27/23

Top 5 County Coverage Rates	
Grand Traverse	43.9%
Washtenaw	43%
Schoolcraft	37.9%
Presque Isle	37.7%
Emmet	37.5%

Coverage Comparison by Flu Season

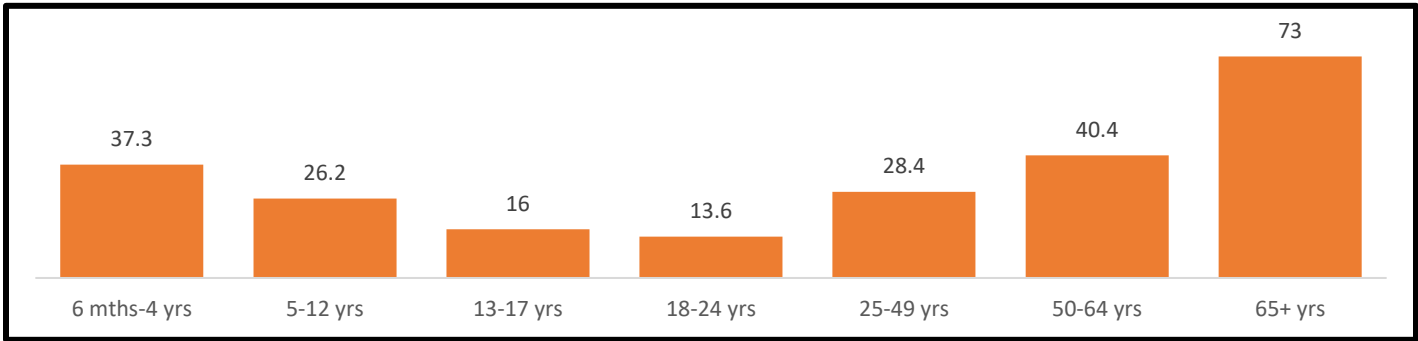
The county coverage rate decreased slightly compared to the previous flu season (33.6% from 35.8%). Coverage rates for the flu vaccine were highest during the first year of the COVID-19 pandemic.



Source: www.michigan.gov/flu; accessed 7/27/23

2022-23 Season Coverage by Age Group

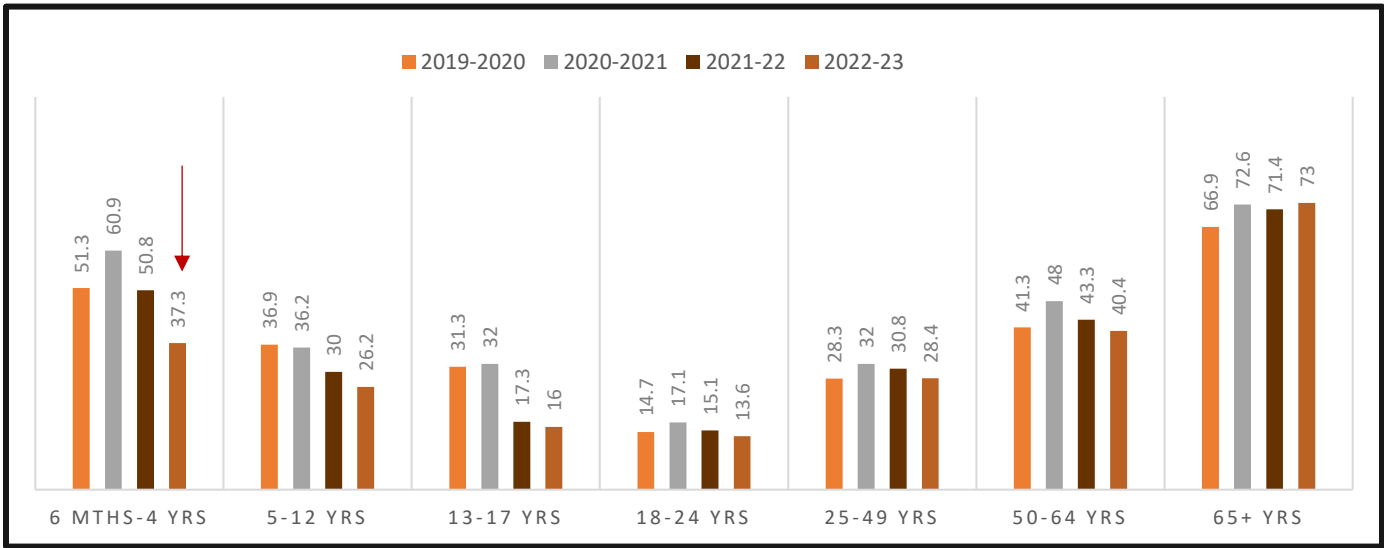
The county coverage rate was highest among those age 65+ (73%) followed by the 50-64 year old group (40.4%) and 6 mths-4 yrs (37.3%) age groups. The lowest coverage rates were in the 18-24 year old group (13.6%) followed by the 13-17 year old group (16%).



Data Source: www.michigan.gov/flu; accessed 7/27/23

Age Group Coverage Comparison by Season

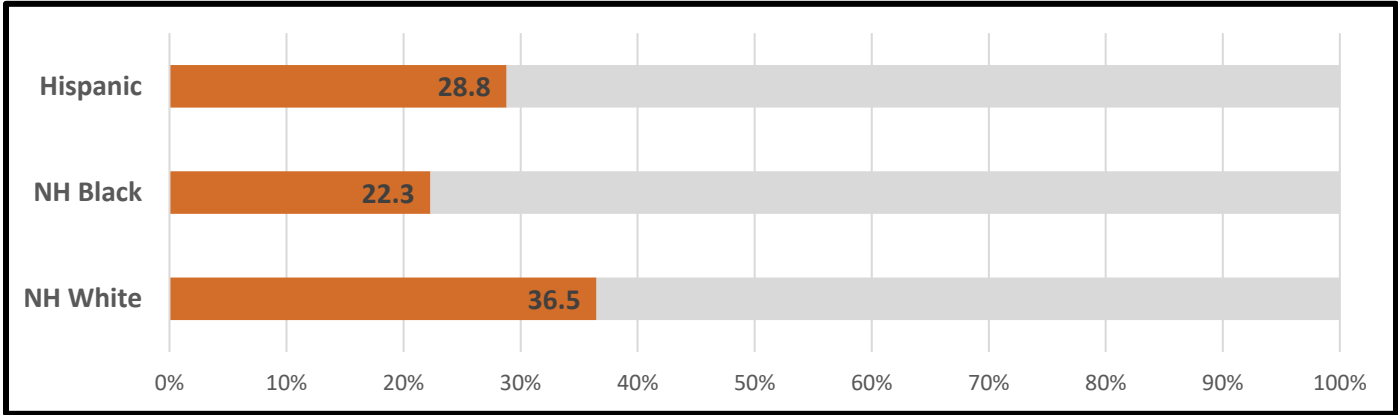
County coverage rates for the 18+ year and older age groups have remained fairly steady for the past four flu seasons. However, rates in the younger age groups have steadily decreased. The 13-17 year old age group coverage rate decreased during the 2021-22 season and did not return to pre-pandemic levels during the 2022-23 flu season. Rates in the 5-12 year old group showed a similar pattern and further decreased during the 2022-23 season. The rate in the 6 month-4 year old group fell dramatically from the 2021-22 season (50.8% to 37.3%).



Data Source: www.michigan.gov/flu; accessed 7/27/23

Vaccine Coverage by Race/Ethnicity for 2022-23 Flu Season

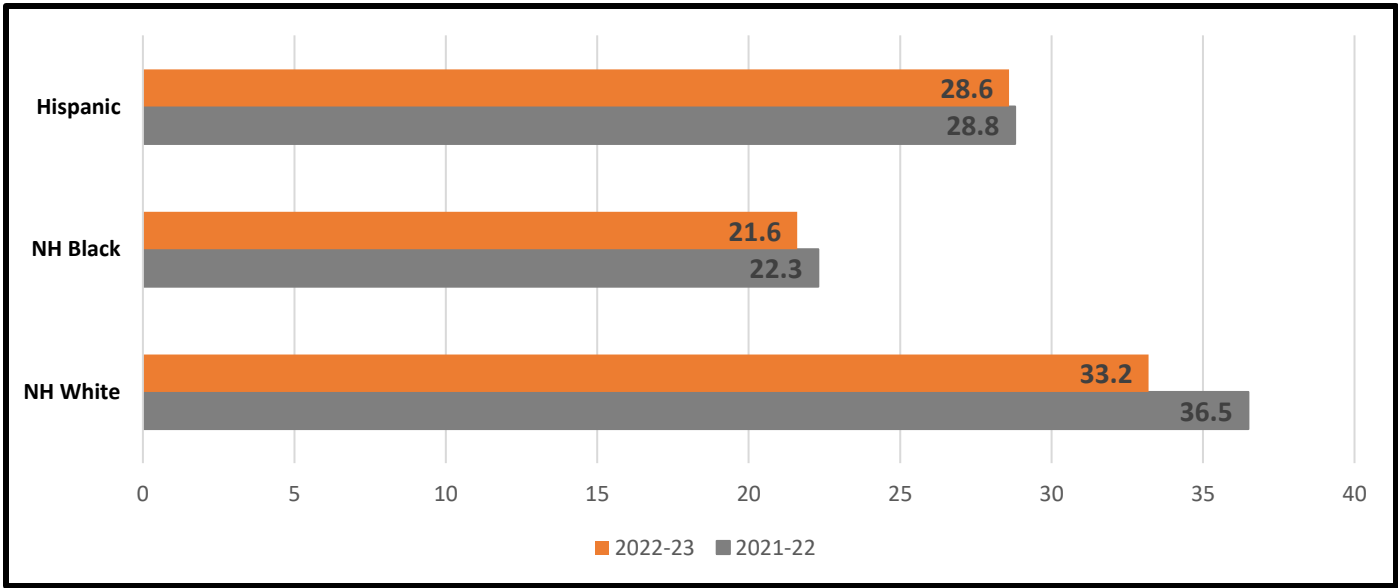
Vaccine coverage data by race/ethnicity is available for the previous two flu seasons. In Kalamazoo County, the overall coverage rate in Non-Hispanic White residents was 1.6 times higher compared to Non-Hispanic Black residents and 1.3 times higher than Hispanic residents.



Data Source: www.michigan.gov/flu; accessed 7/27/23

Vaccine Coverage by Race/Ethnicity by Flu Season

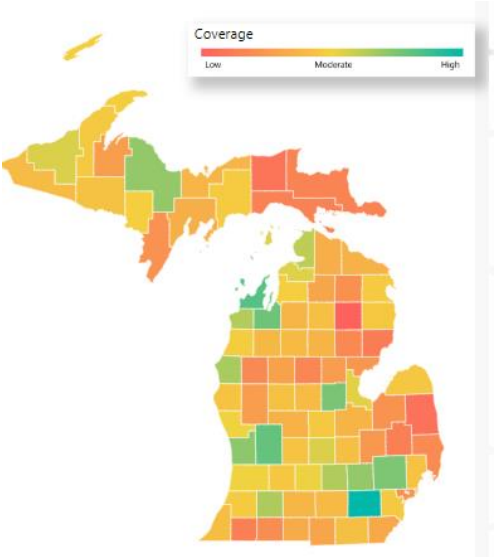
Compared to the previous flu season, county rates for Hispanic and NH Black residents remained steady, the rate in NH White residents decreased from 36.5% to 33.2%.



Data Source: www.michigan.gov/flu; accessed 7/27/23

2022-23 Coverage Rates by County, Age 6 Months to 4 Years

The vaccine coverage rate for this age group fell statewide compared to the previous flu season; 41.4% during the 2021-22 season to 31.6% during the 2022-23 flu season. Uptake rates in counties that typically had high coverage rates in this age group also decreased during the most recent flu season: Washtenaw 63.1% to 52.4%, Kent 56.8% to 43.7%, and Grand Traverse 57.8% to 42.9%. In Kalamazoo County rates fell from 50.8% to 37.5%; however, the county ranked #11 for vaccine uptake in this age group.

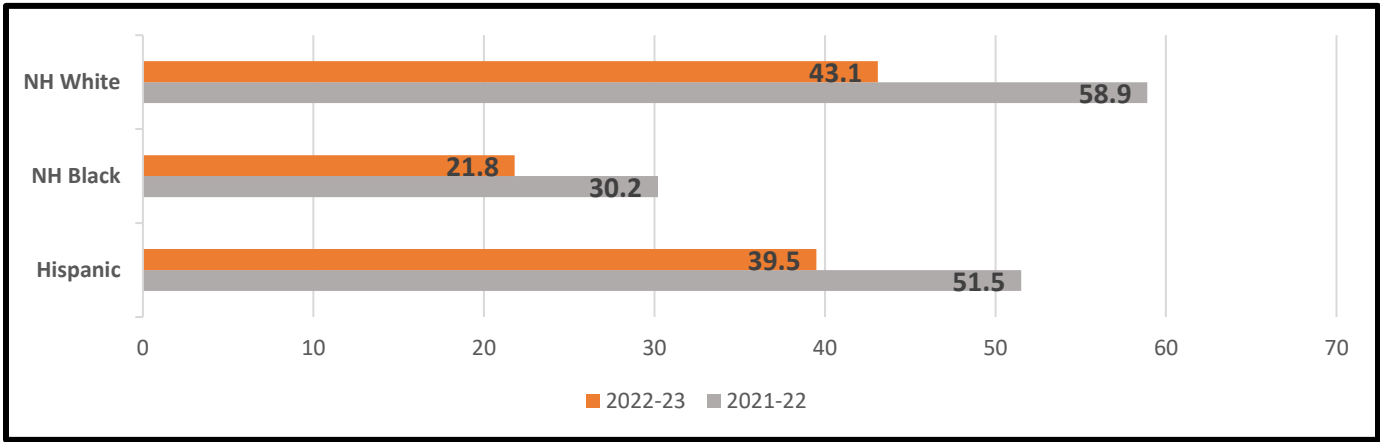


Top 5 County Coverage Rates	
Washtenaw	52.4%
Leelanau	45.1%
Kent	43.7%
Grand Traverse	42.9%
Midland	41.9%

Data Source: www.michigan.gov/flu; accessed 7/27/23

County Vaccine Coverage Age 6 mths-4 years by Race/Ethnicity

County coverage rates decreased significantly across racial/ethnic groups for this age group.



Data Source: www.michigan.gov/flu; accessed 7/27/23

2022-23 Coverage Rates by County, Age 65+ Years

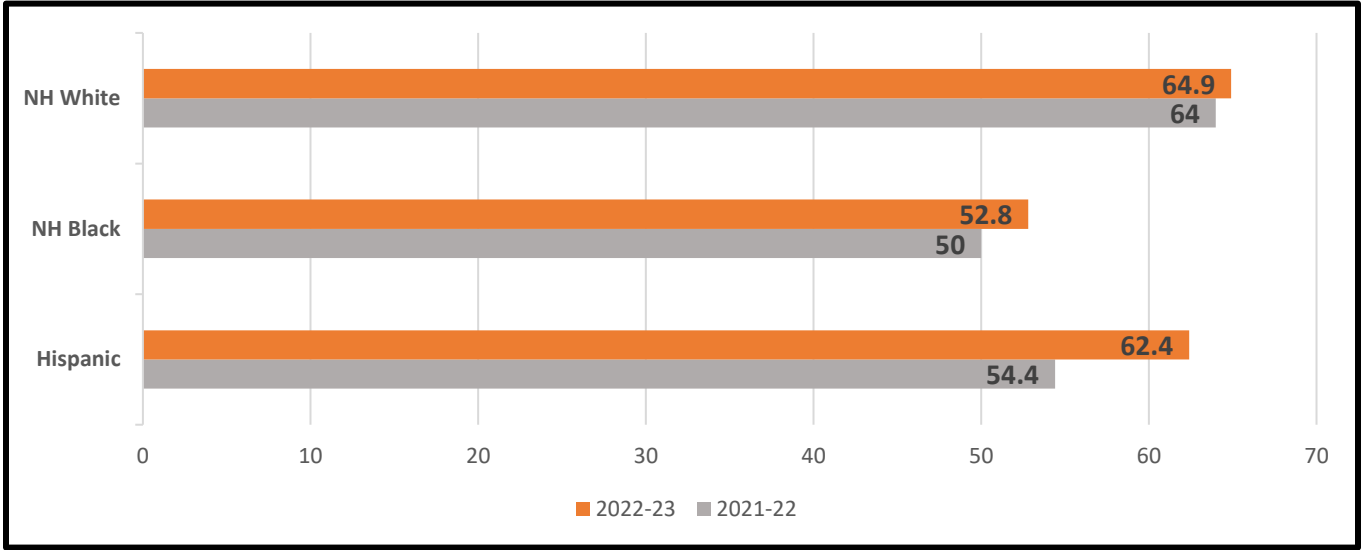
The Kalamazoo County coverage rate in this age group increased slightly from the previous flu season, 71.4% to 73%. The county ranked #12 in the state for coverage in this age group, rates for the top five counties are shown in the table below. The Michigan rate for the 2022-23 season was 62.6%.

County	Coverage Rate 2022-23
Grand Traverse	88.9%
Washtenaw	80.7%
Ottawa	77.8%
Emmet	77.1%
Marquette	76.4%

Data Source: www.michigan.gov/flu; accessed 7/27/23

Vaccine Coverage Age 65+ Years by Race/Ethnicity by Season

County vaccine coverage rates increased across all racial/ethnic groups compared to the previous year; however, the greatest increase in vaccine uptake from the previous year occurred in Hispanic residents in this age group (54.4% to 62.4%).



Data Source: www.michigan.gov/flu; accessed 7/27/23