



Kalamazoo County Routine Childhood Immunization Update

October 2023

‘During the COVID-19 pandemic, many children fell behind on routine vaccinations due to delays in well-child visits and other pandemic-related barriers to care. While some vaccine-preventable infectious diseases are rarely seen in the United States, they still circulate in other parts of the world. If a group of people fall behind on their vaccines, these diseases may have an opportunity to reemerge.’ [Children's Hospital of Philadelphia](#)

2023 Recommended Immunizations for Children from Birth Through 6 Years Old

VACCINE	Birth	1 MONTH	2 MONTHS	4 MONTHS	6 MONTHS	12 MONTHS	15 MONTHS	18 MONTHS	19-23 MONTHS	2-3 YEARS	4-6 YEARS
HepB Hepatitis B	HepB	HepB			HepB						
RV* Rotavirus			RV	RV	RV*						
DTaP Diphtheria, Pertussis, & Tetanus			DTaP	DTaP	DTaP		DTaP				DTaP
Hib* Haemophilus influenzae type b			Hib	Hib	Hib*		Hib				
PCV13, PCV15 Pneumococcal disease			PCV	PCV	PCV	PCV					
IPV Polio			IPV	IPV		IPV					IPV
COVID-19** Coronavirus disease 2019											
Flu* Influenza											
MMR Measles, Mumps, & Rubella						MMR					MMR
Varicella Chickenpox						Varicella					Varicella
HepA* Hepatitis A						HepA*		HepA*			

FOOTNOTES

RV* **Hib***
Administering a third dose at age 6 months depends on the brand of Hib or rotavirus vaccine used for previous dose.

COVID-19** Number of doses recommended depends on your child's age and type of COVID-19 vaccine used.

Flu* Two doses given at least 4 weeks apart are recommended for children age 6 months through 8 years of age who are getting an influenza (flu) vaccine for the first time and for some other children in this age group.

HepA* Two doses of Hep A vaccine are needed for lasting protection. The 2 doses should be given between age 12 and 23 months. Both doses should be separated by at least 6 months. Children 2 years and older who have not received 2 doses of Hep A should complete the series.

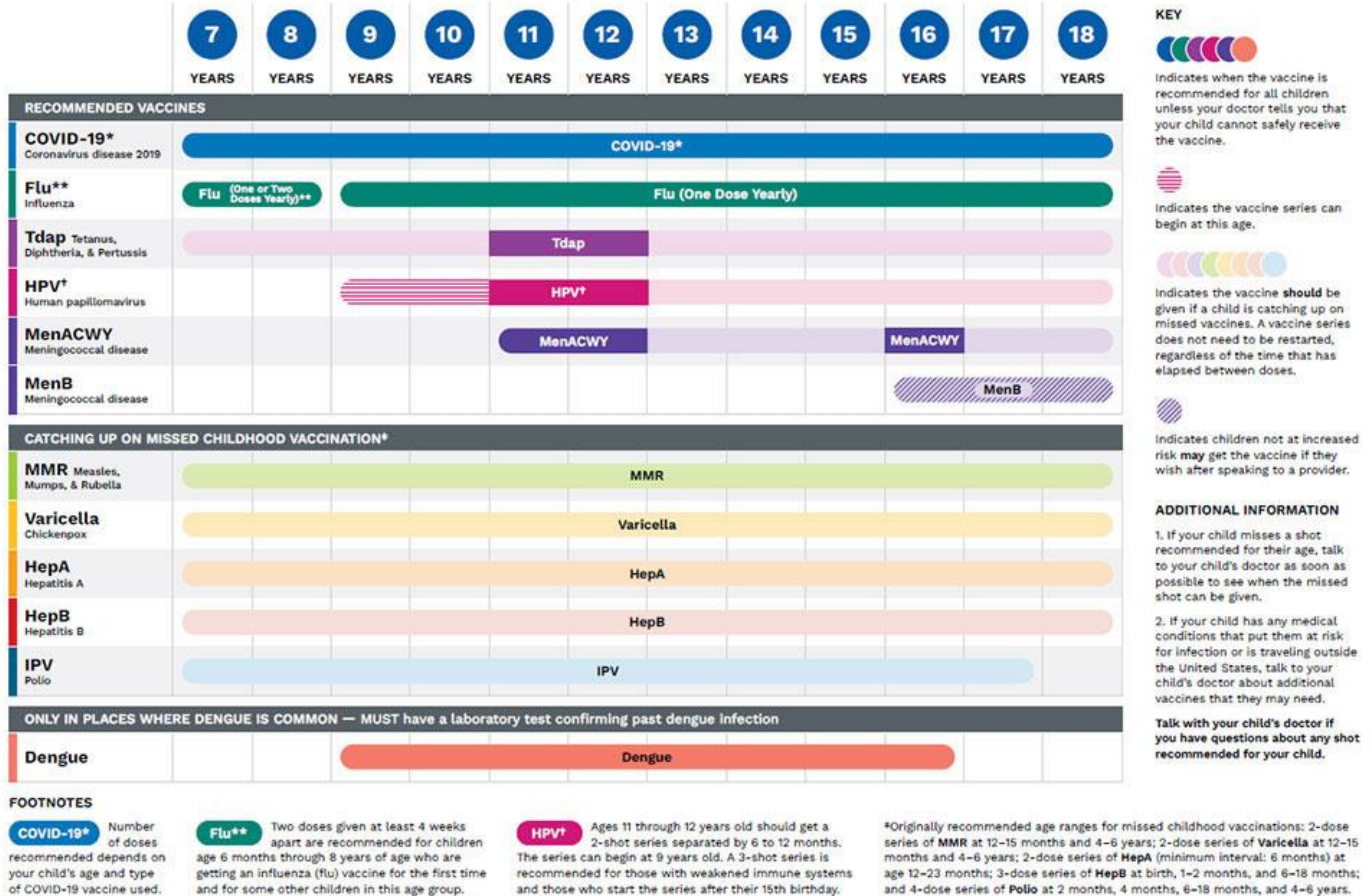
ADDITIONAL INFORMATION

1. If your child misses a shot recommended for their age, talk to your child's doctor as soon as possible to see when the missed shot can be given.

2. If your child has any medical conditions that put them at risk for infection (e.g., sickle cell, HIV infection, cochlear implants) or is traveling outside the United States, talk to your child's doctor about additional vaccines that they may need.

Talk with your child's doctor if you have questions about any shot recommended for your child.

2023 Recommended Immunizations for Children 7–18 Years Old



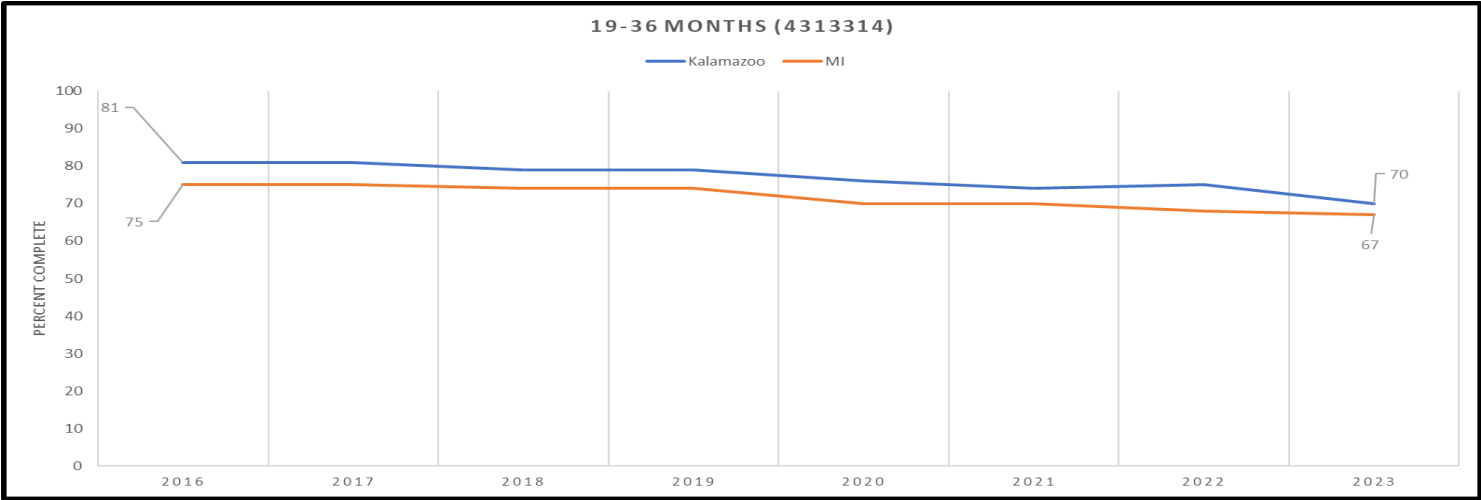
Data Notes

The data source for this report is the August 2023 MCIR County Profile. This data is also available in an excel spreadsheet at [County Data | mcir.org](https://mcir.org/CountyData)

Report Date: 10/3/23

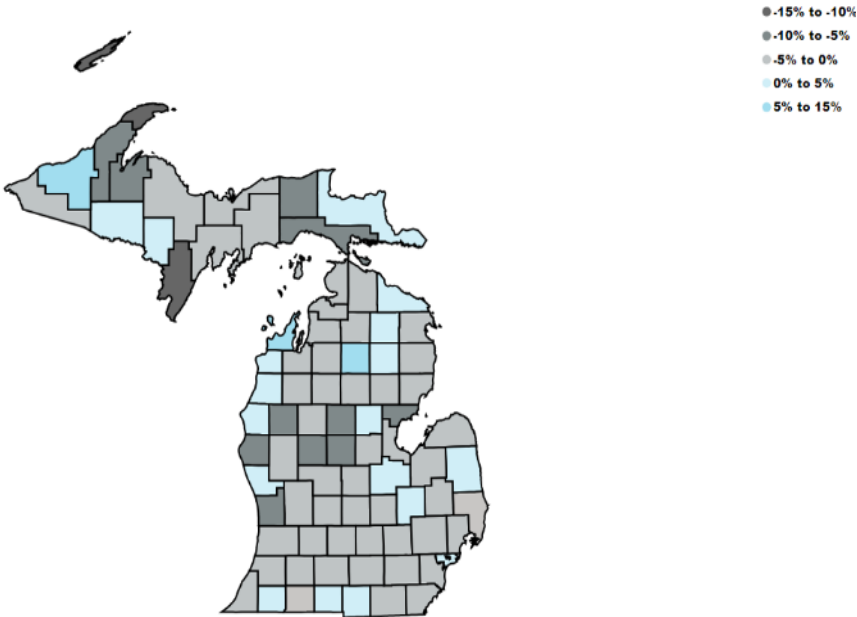
Kalamazoo County and MI: Age 19-36 Months Coverage by Year 4313314 Series

This series includes 4 or more doses of DTaP/DTP/DT, 3 or more doses of Polio, 1 or more dose of MMR, 3 or more doses of Hib, 3 ore more doses of HepB, 1 or more dose of Varicella, 4 or more doses of PCV. The county vaccination coverage rate for this series has steadily decreased since 2016. Comparing the month of August for each year, the county rate decreased from 75% in 2022 to 70% in 2023. The map below shows the coverage difference in Michigan by county for this time period.

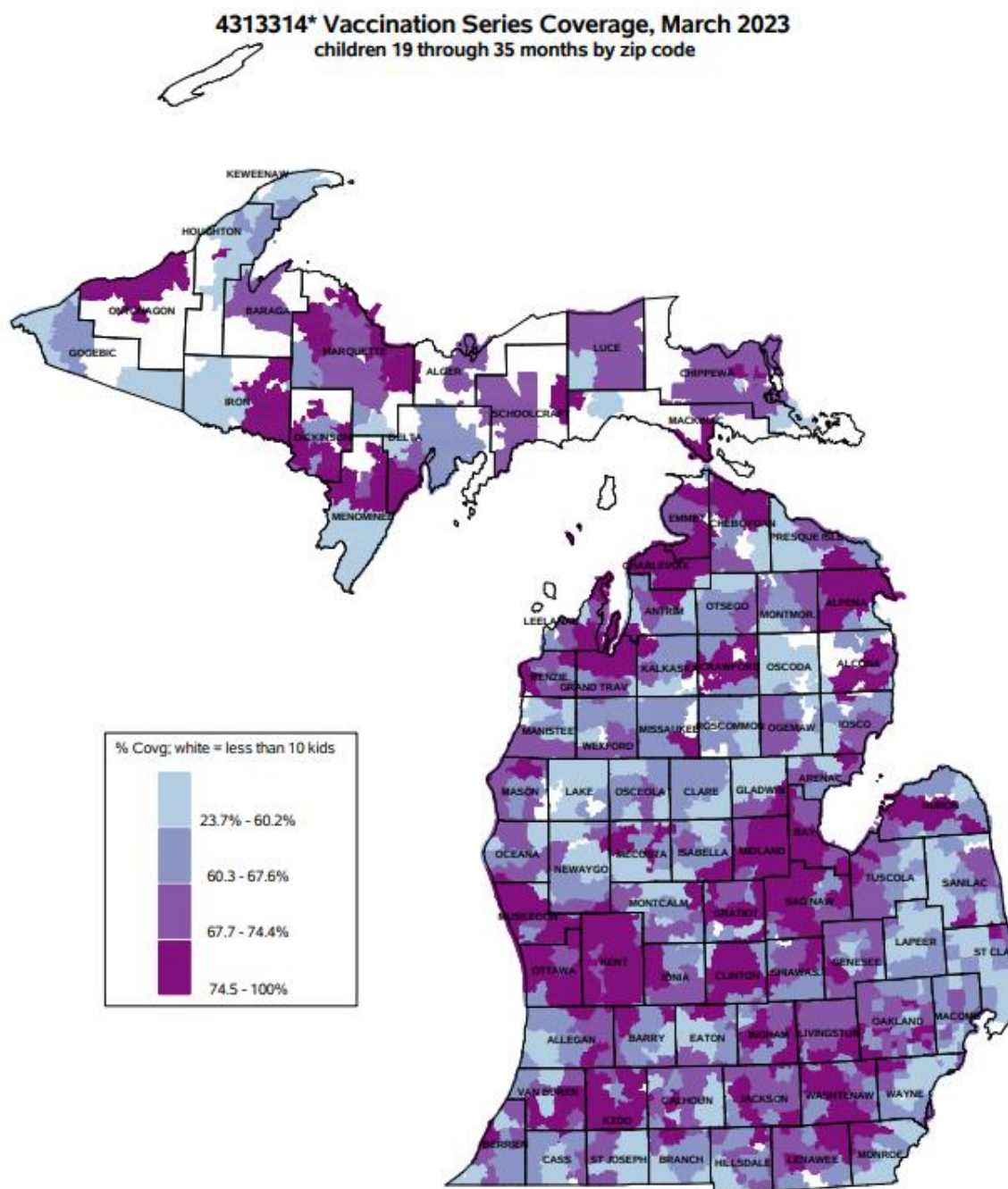


Area	2016	2017	2018	2019	2020	2021	2022	2023	Mini Chart
Kalamazoo	81	81	79	79	76	74	75	70	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
MI	75	75	74	74	70	70	68	67	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

2023 to 2022 Year on Year 4313314 Child Vaccine Series Coverage Difference by County (as on August 31, 2023)



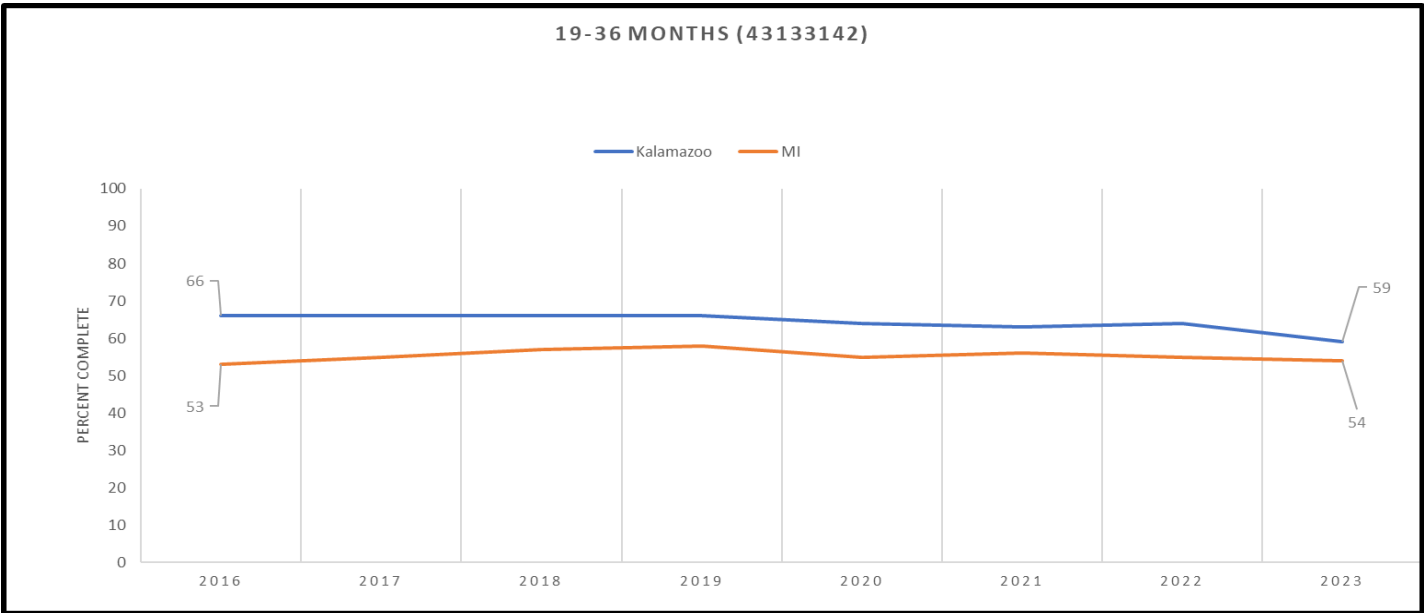
The map below, created by the Michigan Department of Health and Community Services, shows vaccination coverage for this series as of March 2023 by zip code. The light blue shading shows areas within the county with lower coverage rates, areas in dark purple have higher coverage rates.



*4313314: the recommended doses in the primary childhood vaccine series - 4 DTap, 3 Polio, 1 MMR, 3 Hib, 3 HepB, 1 Varicella, 4 PCV
Prepared by the Michigan Department of Health and Human Services Immunization Division using data from the Michigan Care Improvement Registry (MCIR).

Kalamazoo County and MI: Age 19-36 Months Coverage by Year 43133142 Series

This series includes 4 or more doses of DTaP/DTP/DT, 3 or more doses of Polio, 1 or more dose of MMR, 3 or more doses of Hib, 3 ore more doses of Hep B, 1 or more dose of Varicella, 4 or more doses of PCV, 2 or more doses of Hep A. The county vaccination coverage rate for this series was fairly steady between 2016-19, decreased in 2020 and then decreased again in 2023. Comparing the month of August for each year, the county rate decreased from 64% in 2022 to 59% in 2023.



Area	2016	2017	2018	2019	2020	2021	2022	2023	Mini Chart	
Kalamazoo	66	66	66	66	64	63	64	59	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	
MI	53	55	57	58	55	56	55	54	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	

The map below, created by the Michigan Department of Health and Community Services, shows vaccination coverage for this series as of March 2023 by zip code. The light blue/green shading shows areas within the county with lower coverage rates, areas in darker blue have higher coverage rates.

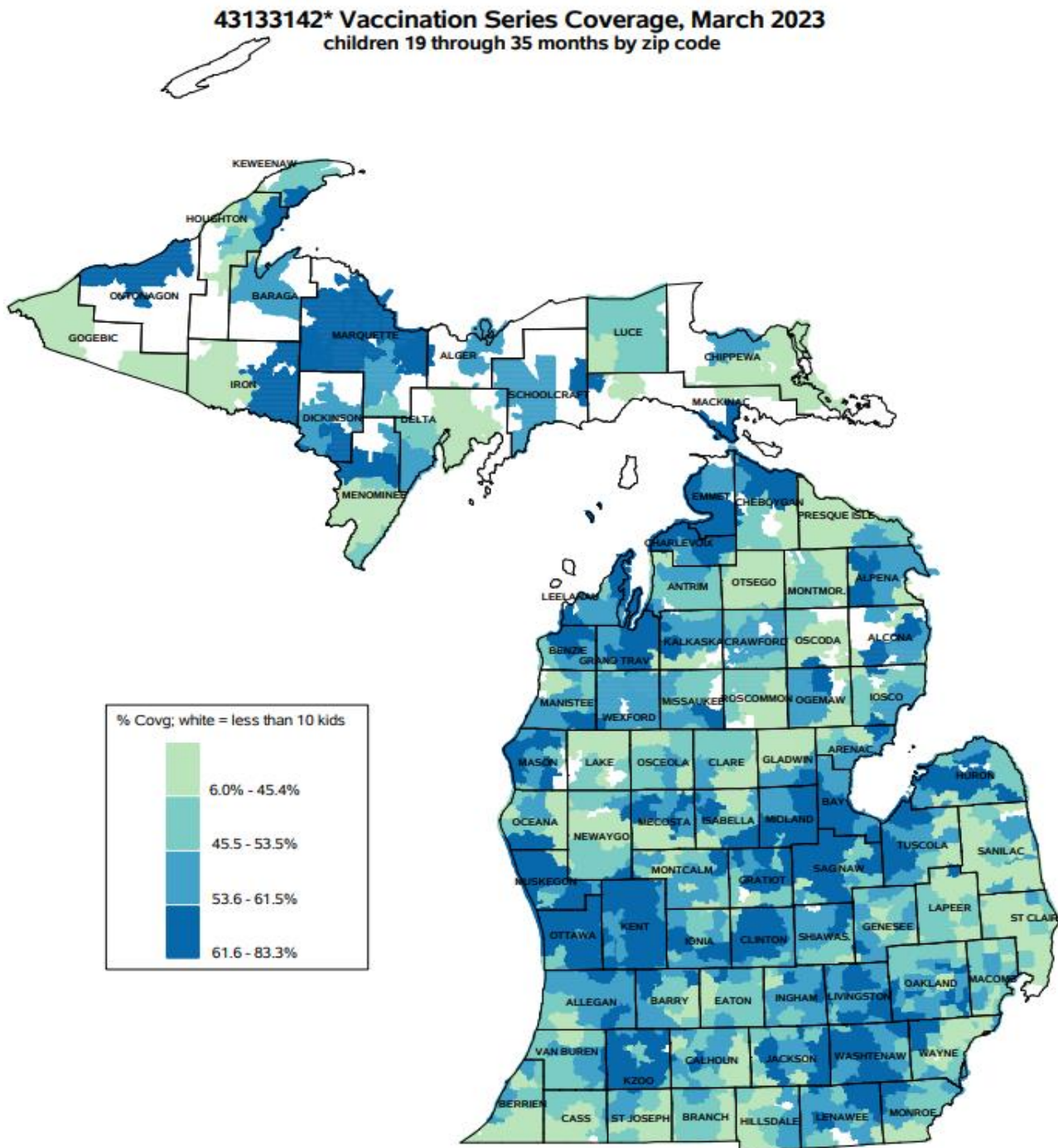
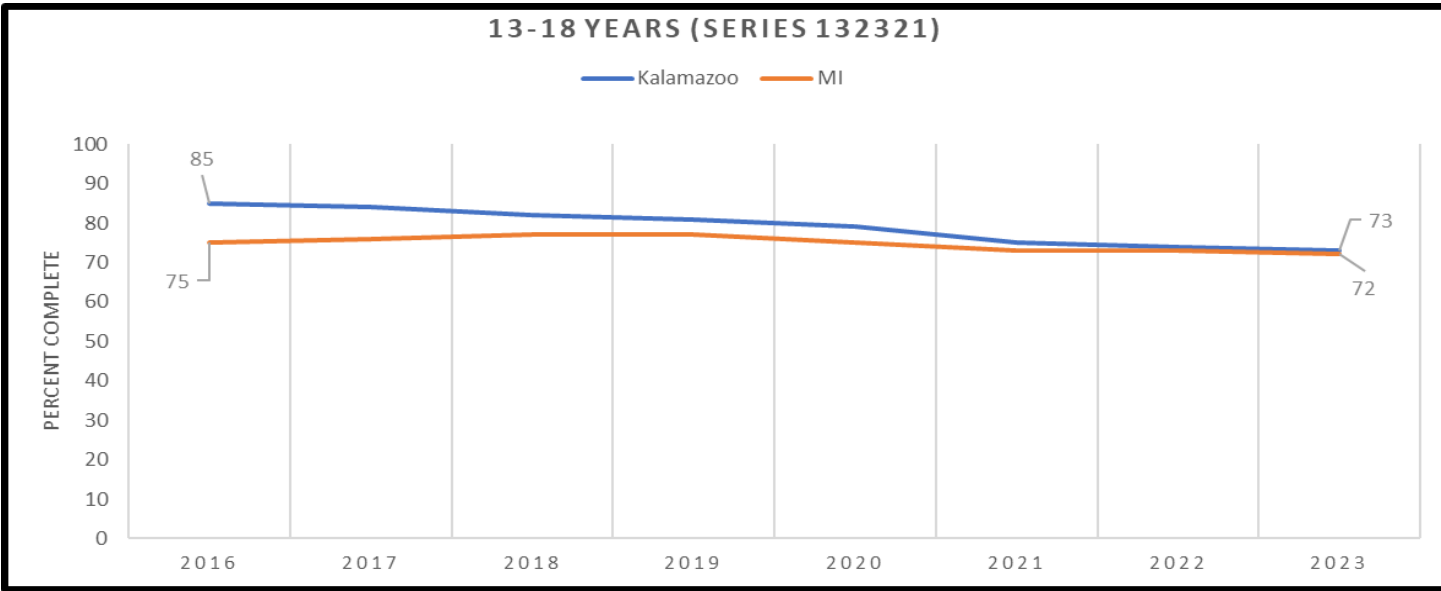


Image Source: <https://www.michigan.gov/mdhhs/adult-child-serv/childrenfamilies/immunization/localhealthdepartment/county-immunization-report-card>

Kalamazoo County and MI: Age 13-18 Years Coverage by Year 132321 Series

This series includes: 1 or more doses of Tdap, 3 or more doses of Polio, 2 or more doses of MMR, 3 or more doses of HepB, 2 ore more doses of varicella vaccine, 1 or more dose of MenACWY. The county vaccination coverage rate for this series has steadily decreased since 2016. Comparing the month of August for each year, the county rate decreased from 74% in 2022 to 73% in 2023; during 2016, the coverage rate was 85%.



Area	2016	2017	2018	2019	2020	2021	2022	2023	Mini Chart
Kalamazoo	85	84	82	81	79	75	74	73	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
MI	75	76	77	77	75	73	73	72	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

The map below, created by the Michigan Department of Health and Community Services, shows vaccination coverage for this series as of March 2023 by zip code. The yellow shading shows areas within the county with lower coverage rates, areas in darker red have higher coverage rates.

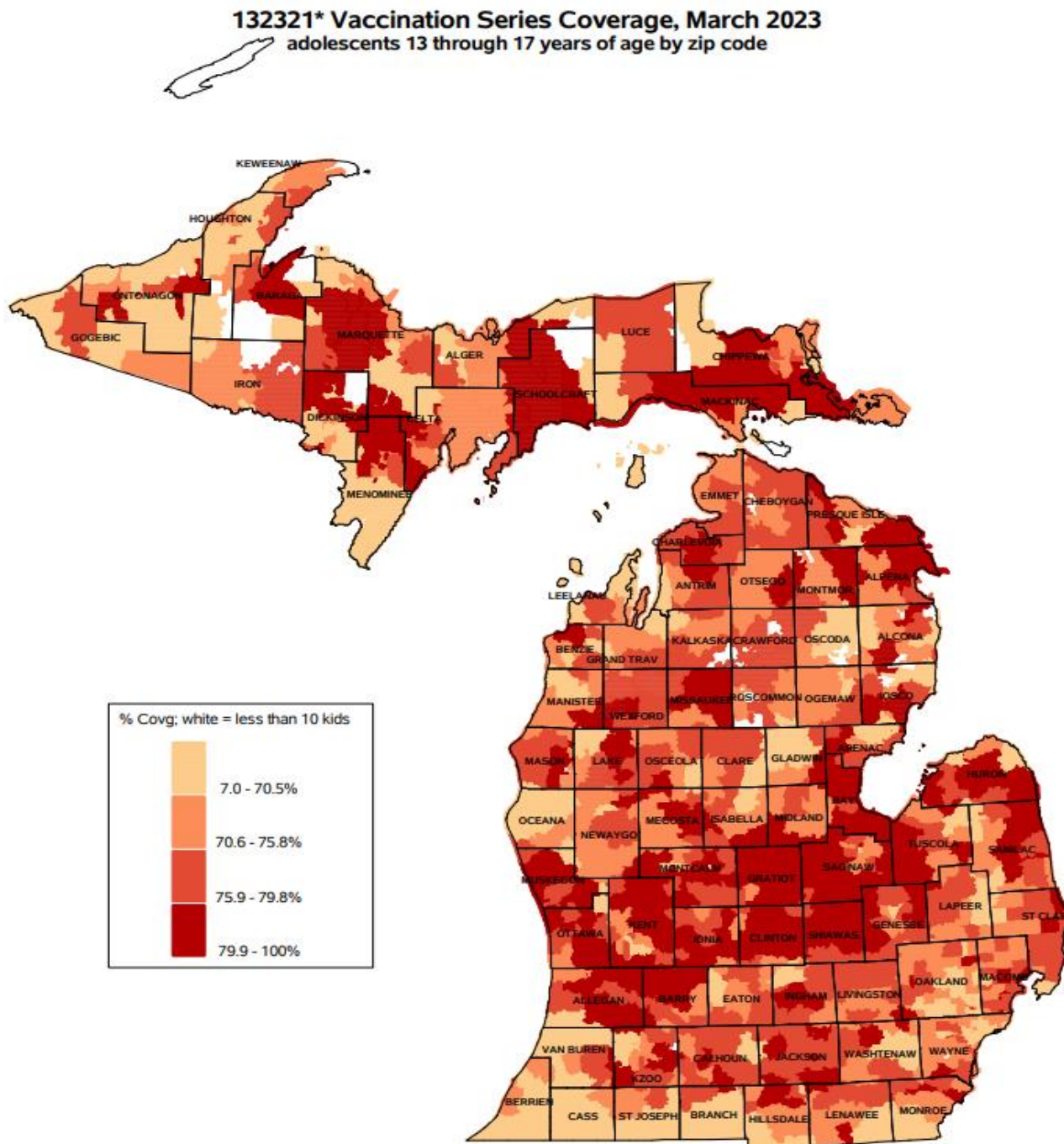
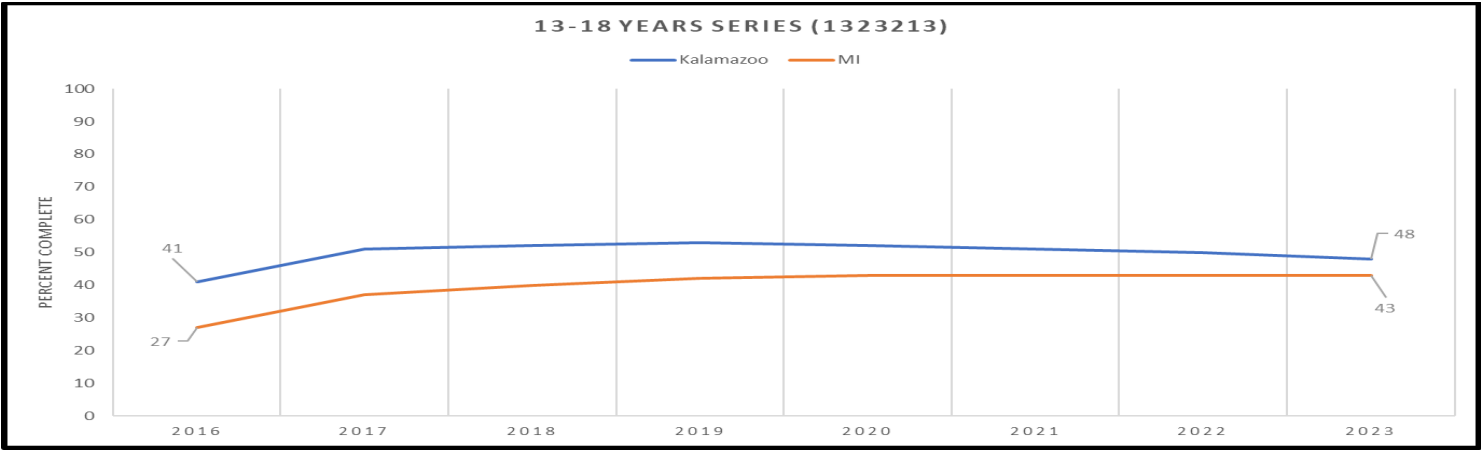


Image Source: <https://www.michigan.gov/mdhhs/adult-child-serv/childrenfamilies/immunization/localhealthdepartment/county-immunization-report-card>

Kalamazoo County and MI: Age 13-18 Years Coverage by Year 1323213 Series

Series includes: 1 or more doses of Tdap, 3 or more doses of Polio, 2 or more doses of MMR, 3 or more doses of HepB, 2 ore more doses of varicella vaccine, 1 or more dose of MenACWY, HPV complete (with 2 or 3 ore doses (Males & Females)). The county vaccination coverage rate for this series has steadily decreased since 2017. Comparing the month of August for each year, the county rate decreased from 50% in 2022 to 48% in 2023. The map below shows the percent change for this series from 2022 to 2023 for each county in Michigan.



Area	2016	2017	2018	2019	2020	2021	2022	2023	Mini Chart
Kalamazoo	41	51	52	53	52	51	50	48	
MI	27	37	40	42	43	43	43	43	

2023 to 2022 Year on Year 1323213 Adolescent Vaccine Series Coverage Difference by County (as on August 31, 2023)

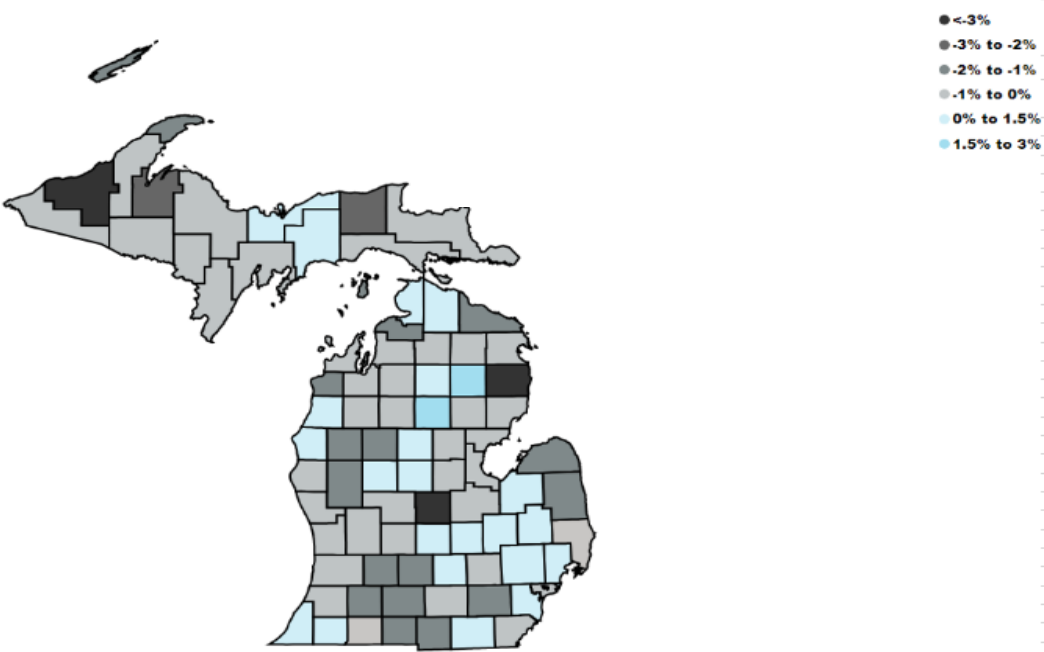
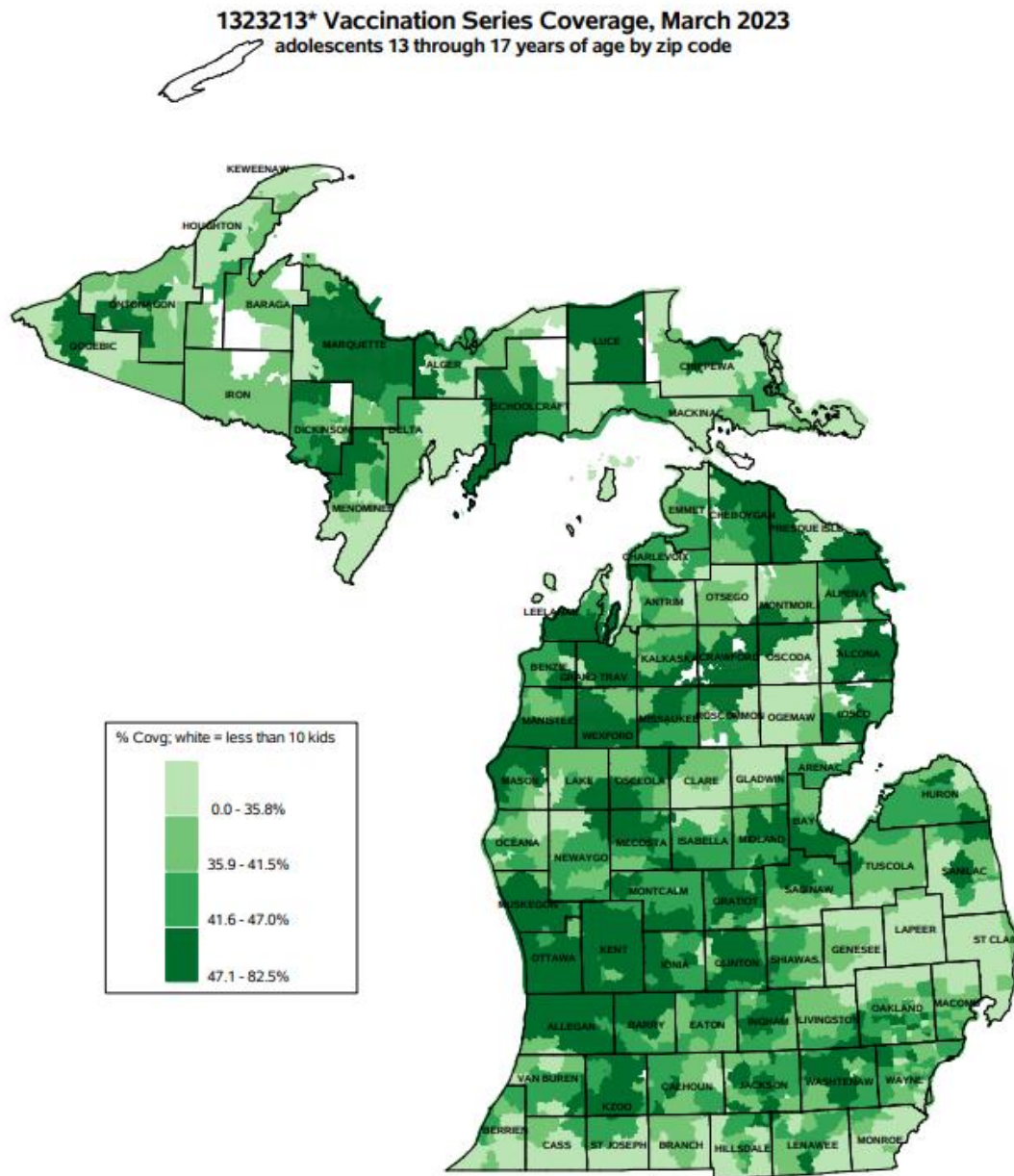


Image Source: <https://www.michigan.gov/mdhhs/adult-child-serv/childrenfamilies/immunization/localhealthdepartment/county-immunization-report-card>

The map below, created by the Michigan Department of Health and Community Services, shows vaccination coverage for this series as of March 2023 by zip code. The light green shading shows areas within the county with lower coverage rates, areas in darker green have higher coverage rates.



1323213: the recommended doses in the adolescent series - 1 Tdap, 3 Polio, 2 MMR, 3 HepB, 2 Var, 1 MenACWY, 2 or 3 HPV
Prepared by the Michigan Department of Health and Human Services Immunization Division using data from the Michigan Care Improvement Registry (MCIR).

Image Source: <https://www.michigan.gov/mdhhs/adult-child-serv/childrenfamilies/immunization/localhealthdepartment/county-immunization-report-card>