

Michigan's Statewide Quarterly Immunization Report Card

CURRENT DATA as of March 31, 2023

Population Summary	2020 Census	MCIR
Total Population	10,040,141	12,590,460
Children 19 through 35 months	—	166,469
Adolescents 13 through 17 years	637,374	750,912
Adults 20 years and older	7,605,901	9,867,370



Percent Coverage by Vaccine/Series

	MI Coverage (%)	US Average (%)	Healthy People (HP) Goal (%)		
Child Vaccinations (19 through 35 months)		MCIR	2018 NIS		
Birth Dose HepB (within 3 days of birth)	¥	79.6	85		
4313314*	65.8	75.4	80		
43133142*	52.8	—	—		
2+ HepA	54.8	77.4	85		
4+ DTaP	68.9	87.2	90		
PCV Complete	74.5	86	90 ^d		
Rotavirus Complete (8-24months)	63.7	—	—		
WIC 4313314*	71.4	67.3 ^a	—		
Medicaid 4313314*	66.1	—	—		
	Asian/Pac. Islander	White	Black	Unknown	
4313314* by Race (based on mother's race)	76.8	73.4	57.0	40.1	
Adolescent Vaccinations (13 through 17 years)		MCIR	2020 NIS Teen	HP Goal (%)	
132321**	72.6	—	-		
1323213**	42.6	—	-		
1+ Tdap	75.8	90.1	80		
1+ MenACWY	76.6	89.3	80		
HPV Complete (Females)	45.4	61.4	80 ^d		
HPV Complete (Males)	43.1	56	80 ^d		
HPV Complete (Males & Females)	44.2	58.6	-		
MenACWY Complete (17yrs)	41.9	54.4 ^b	-		
1+ MenB (16 through 18 yrs)	25.6	—	-		
Select Adult Vaccinations (Census Denominator)		2018 NHIS			
1+ Tdap (19-64yrs)	50.9	33.5	-		
Pneumo Complete (65yrs+)§	48.2	43.2 ^c	-		
1+ HepA (19yrs+)	26.7	-	-		
Zoster (50yrs+)	31.5	24.1	30		
Composite Measure§¥¥	8.2	-	-		
2022-23 Mid Season Influenza		US Flu			
Flu Complete (6months through 8yrs)	19.4	-	70 ^d		
1+ Flu (6months through 17yrs)	20.0	57.8	70 ^d		
1+ Flu (18yrs+)	30.8	49.4	70 ^d		
School/Childcare Feb '22 Data		Total	Kindergarten	7th Grade	New Entrants
School Complete	91.4	90.8	91.5	91.7	
Percent waiving 1+ vaccines	4.8	5.4	4.6	4.6	
Childcare	Complete: 85.1		Percent Waived: 3.3		

¥ 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)

§ Coverage for pneumococcal vaccination updated to reflect ACIP recommendations: https://www.cdc.gov/mmwr/volumes/71/wr/mm7104a1.htm?s_cid=mm7104a1_w

¥¥ Age based assessment of adults for flu (19yrs+), tetanus (19yrs+), HPV completion (19-26yrs), HepB (19-59yrs), zoster (50yrs+), and pneumo (65yrs+)

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

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

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

^d Data from Healthy People (HP) 2030: <https://health.gov/healthypeople>

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Vaccination Coverage, Past 8 Quarters, Select Vaccines/Series

	Series	2020Q3	2021Q3 [†]	2021Q4	2022Q1	2022Q2	2022Q3	2022Q4	2023Q1
Child	4313314*	70.3	70.4	69.9	68.5	67.5	67.7	66.1	65.8
	43133142*	55.8	57.6	56.8	55.4	54.5	55.4	53.3	52.8
	4+ DTaP	72.9	73.0	72.6	71.1	70.2	70.5	69.1	68.9
	PCV Complete	79.3	79.2	79.0	77.6	76.4	76.5	75.0	74.5
	Rota. Complete (8-24 mos)	68.4	63.8	63.1	63.0	62.3	63.4	63.5	63.7
	WIC 4313314* Covg.	72.5	71.3	71.0	70.6	70.7	71.6	70.9	71.4
	Medicaid 4313314* Covg.	67.3	65.9	65.2	64.8	65.1	66.2	65.8	66.1
Adolescent	132321**	75.3	72.6	72.6	72.9	72.9	72.5	72.8	72.6
	1323213**	42.7	42.6	42.5	42.5	42.5	42.8	42.8	42.6
	HPV Complete (Females)	45.1	45.5	45.4	45.1	45.0	45.6	45.3	45.4
	HPV Complete (Males)	43.1	43.6	43.4	43.1	43.0	43.5	43.2	43.1
	MenACWY Complete (17yrs)	45.2	42.3	25.9	24.9	24.9	26.4	25.9	25.6
Adult	1+ Tdap (19-64yrs)	62.9	67.0	67.8	68.6	69.6	70.6	71.4	50.9
	Zoster (50/60yrs+) [¥]	21.2	26.0	26.8	27.9	28.8	29.8	30.4	31.5
	Pneumo Complete (65yrs+) [§]	-	-	-	-	-	-	46.6	48.2
	1+ PPSV23 (65yrs+) [§]	49.5	55.1	55.3	56.1	57.1	57.9	-	-
	Composite Measure ^{§ ¥¥}	11.4	13.2	11.6	12.9	13.3	13.6	7.3	8.2

* 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

§ Coverage for pneumococcal vaccination updated in 2022Q4 to reflect ACIP recommendations: https://www.cdc.gov/mmwr/volumes/71/wr/mm7104a1.htm?s_cid=mm7104a1_w

¥¥ Age based assessment of adults updated in 2022Q4 to include flu (19yrs+), tetanus (19yrs+), HPV completion (19-26yrs), HepB (19-59yrs), zoster (50yrs+), and pneumo (65yrs+)

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

MICHIGAN VACCINATION COVERAGE OF SELECT VACCINES/SERIES BY QUARTER

