

## Vaccination coverage among Wisconsin adolescents aged 13 through 18 years, by vaccine, region of residence, and year

Data source: Wisconsin Immunization Registry

†Due to a change in methodology, 2023 data is not comparable to previous years. Refer to notes for additional details.

Region	Year	HPV (1)	HPV Complete	Mening ACWY (1)	Mening ACWY UTD	Tdap (1)	Mening B (1)	Mening B (2)
Statewide	2013	35.86	19.06	64.11	33.59	77.56	.	.
	2014	40.42	22.79	65.88	37.14	78.18	.	.
	2015	44.40	26.10	67.78	38.69	78.59	.	.
	2016	49.08	29.55	69.56	41.94	78.69	.	.
	2017	53.26	39.00	70.93	43.94	78.82	.	.
	2018	56.47	42.74	72.03	46.02	78.86	.	.
	2019	59.25	46.02	72.98	48.58	78.95	.	.
	2020	60.02	47.25	72.58	47.07	78.05	.	.
	2021	60.43	48.40	71.90	47.14	76.95	19.35	10.69
	2022	60.66	49.04	71.59	46.65	76.53	19.65	10.67
2023†	65.20	53.04	76.59	51.24	81.89	21.66	11.85	
Northeastern	2013	34.31	19.21	66.85	34.83	82.07	.	.
	2014	39.56	23.32	68.86	38.98	82.47	.	.
	2015	43.98	27.47	70.85	41.61	82.88	.	.
	2016	48.91	31.03	72.72	45.43	82.80	.	.
	2017	53.50	39.79	74.38	47.77	82.91	.	.
	2018	56.93	43.65	75.58	49.92	82.94	.	.
	2019	60.03	47.22	76.61	52.61	82.96	.	.
	2020	61.30	49.00	76.64	51.32	82.37	.	.
	2021	61.49	50.16	75.80	50.78	81.06	17.57	10.88
	2022	61.57	50.66	75.43	50.00	80.63	16.72	10.16
2023†	64.88	53.57	79.22	53.64	84.72	18.37	10.98	
Northern	2013	36.08	19.87	68.56	42.02	83.04	.	.
	2014	40.83	23.47	70.29	45.28	83.20	.	.
	2015	45.26	27.16	72.47	46.69	83.42	.	.
	2016	50.34	31.05	73.90	49.21	83.36	.	.
	2017	54.62	40.60	74.84	48.41	83.41	.	.
	2018	57.94	44.58	76.01	50.05	83.58	.	.
	2019	60.64	48.03	76.90	52.50	83.63	.	.
	2020	61.53	49.38	76.69	51.35	83.04	.	.
	2021	61.90	50.65	76.05	51.76	82.07	16.81	8.83
	2022	61.84	50.92	75.54	51.27	81.31	16.98	8.79
2023†	64.23	52.85	78.53	53.34	84.60	19.42	9.72	

Region	Year	HPV (1)	HPV Complete	Mening ACWY (1)	Mening ACWY UTD	Tdap (1)	Mening B (1)	Mening B (2)
Southeastern	2013	36.05	17.70	65.19	30.90	74.23	.	.
	2014	40.30	21.39	66.65	34.06	75.29	.	.
	2015	43.73	24.33	68.15	35.45	76.00	.	.
	2016	48.13	27.32	69.58	39.07	76.37	.	.
	2017	52.21	37.04	70.51	41.40	76.52	.	.
	2018	55.63	40.78	71.46	43.89	76.67	.	.
	2019	58.77	44.36	72.34	46.99	76.87	.	.
	2020	59.55	45.61	71.67	45.74	75.84	.	.
	2021	60.09	46.86	70.93	46.11	74.73	25.86	14.55
	2022	60.37	47.62	70.48	45.76	74.22	26.48	14.71
2023†	65.73	52.31	76.16	51.01	80.27	29.62	17.02	
Southern	2013	38.36	21.73	60.90	35.04	77.71	.	.
	2014	42.62	25.55	62.99	38.44	77.89	.	.
	2015	46.69	28.76	65.53	40.32	77.91	.	.
	2016	51.29	32.47	67.64	42.90	77.68	.	.
	2017	55.26	41.84	69.53	45.06	77.97	.	.
	2018	57.96	45.36	70.70	47.01	77.95	.	.
	2019	60.11	48.06	71.75	48.81	78.07	.	.
	2020	60.20	48.44	70.98	45.70	76.86	.	.
	2021	60.37	49.21	70.01	45.80	75.64	14.69	7.38
	2022	60.82	49.82	69.99	45.32	75.52	15.58	7.77
2023†	65.88	54.37	75.42	50.59	81.34	16.48	8.03	
Western	2013	33.73	18.34	58.77	31.81	76.93	.	.
	2014	38.51	21.49	60.67	36.08	77.55	.	.
	2015	43.03	24.48	62.62	36.62	77.85	.	.
	2016	48.04	28.44	65.12	39.47	78.08	.	.
	2017	52.13	38.25	66.77	41.21	77.92	.	.
	2018	55.10	41.97	68.08	42.44	77.66	.	.
	2019	57.38	44.74	69.01	44.38	77.49	.	.
	2020	58.33	46.23	69.19	44.10	76.78	.	.
	2021	59.06	47.58	69.32	44.10	76.16	12.48	5.81
	2022	59.21	48.34	69.17	43.68	75.69	12.86	5.77
2023†	63.75	52.31	74.37	48.06	81.29	14.17	6.10	

HPV (1): 1 or more doses of human papillomavirus vaccine.

HPV Complete: 2 or 3 doses depending on age at vaccine series initiation. The Advisory Committee on Immunization Practices changed their HPV recommendation from a 3 dose series to either a 2 or 3 dose series depending on age at vaccine series initiation. Prior to 2017, HPV complete rates reflect a 3 dose series.

Mening ACWY (1): 1 or more doses of meningococcal ACWY vaccine.

Mening ACWY UTD: Includes only clients 17-18 years old. Clients are considered up-to-date (UTD) if they have received a meningococcal ACWY dose prior to age 16 years and a booster dose at or after 16 years or if they received one meningococcal ACWY dose at or after age 16 years.

Tdap (1): 1 or more doses of tetanus-diphtheria-acellular pertussis vaccine.

Mening B (1): 1 or more doses of meningococcal B vaccine for clients prior to age 19 years.

Mening B (2): 2 or more doses of meningococcal B vaccine for clients prior to age 19 years. Meningococcal B vaccine is administered based on clinical decision-making and clients may receive either a 2 dose series or a 3 dose series.

†Due to a change in methodology, 2023 data is not comparable to previous years. Before 2023, individuals who were reported with a non-Wisconsin address and deceased individuals were excluded from our calculation of coverage rates. Starting in 2023, the exclusion criteria was expanded to provide a more accurate population denominator by removing individuals whose records have not had activity for an extended period of time and therefore may no longer reside in Wisconsin. The additional excluded records were clients at least 11 years old, whose records were not updated in at least 10 years, and not queried in at least 5 years.

Public health region descriptions: <https://www.dhs.wisconsin.gov/lh-depts/counties.htm>.

Birth cohorts are defined by year as follows:

2013 results: birth date range 1/1/1995-12/31/2000

2014 results: birth date range 1/1/1996-12/31/2001

2015 results: birth date range 1/1/1997-12/31/2002

2016 results: birth date range 1/1/1998-12/31/2003

2017 results: birth date range 1/1/1999-12/31/2004

2018 results: birth date range 1/1/2000-12/31/2005

2019 results: birth date range 1/1/2001-12/31/2006

2020 results: birth date range 1/1/2002-12/31/2007

2021 results: birth date range 1/1/2003-12/31/2008

2022 results: birth date range 1/1/2004-12/31/2009

2023 results: birth date range 1/1/2005-12/31/2010

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