

RHODE ISLAND IMMUNIZATIONS: Trends & Goals (2012-)

School year, flu season, or reporting year														
Vaccine	2012 (2012-13)	2013 (2013-14)	2014 (2014-15)	2015 (2015-16)	2016 (2016-17)	2017 (2017-18)	2018 (2018-19)	2019 (2019-20)	2020 (2020-21)	2021 (2021-22)	2022 (2022- 23)	HP2020 pr HP2030 Goal	RI Program Goal	Program goal met in most recent year?
Childhood Vaccination Coverage^a: % of children who received each vaccine by 24 months of age (Source: NIS-Child)														
4+ DTaP	NA	NA	NA	NA	NA	NA	84.3	84.7	88.7	90.5		90	90	
3+ Polio	NA	NA	NA	NA	NA	NA	96.8	95.9	96.4	98.5		N/A	90	
1+ MMR	NA	NA	NA	NA	NA	NA	94.9	93.7	94.5	98.0		90.8	90	
Hib Full Series ^b	NA	NA	NA	NA	NA	NA	82.9	86.6	94.2	92.5		N/A	90	
3+ HepB	NA	NA	NA	NA	NA	NA	96.6	96.1	96.8	98.5		N/A	90	
1+ Varicella	NA	NA	NA	NA	NA	NA	94.2	92.6	94.9	97.3		N/A	90	
4+ PCV	NA	NA	NA	NA	NA	NA	91.3	89.3	89.7	93.3		N/A	90	
4:3:1:3:3:1:4 ^c	NA	NA	NA	NA	NA	NA	70.7	73.4	77.2	82.5		N/A	90	No
Kindergarten Vaccination Coverage^e: % of children entering kindergarten who received (Source: RI School Survey)														
5+ DTaP	95.2	96.0	96.1	96.8	95.5	96.2	97.4	98.3	97.7	97.0	96.9	95	95	
4+ Polio	95.6	96.1	96.2	97.0	95.8	96.3	97.6	98.5	97.8	97.1	96.9	95	95	
2+ MMR	94.3	95.1	95.6	96.4	95.1	96.4	97.4	98.8	97.9	97.3	96.9	95	95	
3+ HepB	98.0	98.1	97.7	98.1	97.6	97.6	98.3	99.3	99.0	98.0	97.8	95	95	
2+ Varicella/Disease Hx	94.3	94.7	95.4	96.0	94.8	96.0	97.0	98.1	97.6	97.0	96.3	95	95	
All required vaccines	92.0	92.6	93.4	94.6	93.0	94.6	95.8	95.9	95.0	95.8	95.1	N/A	95	
7th Grade Vaccination Coverage^e: % of children entering 7th grade who received (Source: RI School Survey)														
3+ HepB	98.6	99.4	98.8	98.7	98.8	98.6	97.7	99.5	99.1	98.3	97.7	N/A	95	
2+ MMR	98.5	99.4	98.9	98.7	98.9	98.7	97.3	99.4	99.1	98.0	97.4	N/A	95	
4+ Polio	98.6	99.5	98.9	98.8	99.1	98.9	97.6	99.4	99.1	98.0	97.7	N/A	95	
2+ Varicella/Disease Hx	79.0	88.3	94.9	97.4	98.7	99.0	97.2	99.2	99.0	97.8	97.6	N/A	95	
1+ MCV4	73.1	78.0	78.5	85.1	85.0	86.9	88.8	91.8	84.8	85.5	85.1	N/A	90	No
1+ HPV	NA	NA	NA	73.7	72.4	74.3	79.3	86.4	78.7	77.1	77.3	N/A	85	No
All required vaccines	68.2	74.6	76.2	70.4	69.6	69.8	75.3	80.1	71.3	73.1	73.5	N/A	80	No
8th Grade Vaccination Coverage^e: % of students entering 8th grade who received (Source: RI School Survey)														
2+ HPV	NA	NA	NA	NA	69.8	72.0	75.7	73.8	69.1	66.8	69.5	N/A	N/A	
9th Grade Vaccination Coverage^e: % of students entering 9th grade who received (Source: RI School Survey)														
	NA	NA	NA	NA	NA	79.2	81.3	80.1	79.4	81.5	77.2	N/A	N/A	
12th Grade Vaccination Coverage^e: % of students entering 12th grade who received (Source: RI School Survey)														
booster MCV4 ^f	NA	NA	NA	67.6	69.6	75.7	84.8	84.1	78.9	77.5	84.3	N/A	80	
Adolescent Vaccination Coverage^g: % of adolescents 13-17 years who received (Source: NIS-Teen)														
1+ Tdap	94.0	95.5	92.4	97.1	95.4	94.6	96.3	96.4	94.4	93.8		N/A	90	
1+ MCV	94.3	92.0	94.1	97.7	96.4	94.1	98.7	98.2	96.2	92.8		N/A	90	
1+ HPV (females)	73.7	76.6	76.0	87.9	90.1	88.5	87.0	93.4	94.9	90.9		N/A	N/A	
3+ HPV or UTD (females)	57.7	56.5	53.7	68.0	73.0	76.8	76.1	77.8	79.9	80.1		80	80	
1+ HPV (males)	55.2	69.3	69.0	80.6	87.8	88.7	91.5	90.5	91.2	89.2		N/A	N/A	
3+ HPV or UTD (males)	17.7	43.2	42.9	58.1	68.7	78.4	80.0	80.0	86.0	86.3		80	80	
1+ HPV (both M and F)	NA	NA	NA	NA	88.9	88.6	89.3	91.9	93.0	90.1		N/A	N/A	
HPV UTD (both M and F)	NA	NA	NA	NA	70.8	77.7	78.1	78.9	83.0	83.2		80	80	
Influenza Vaccination: Trends & Goals, (2012-present)														
Flu Vaccination Coverage by Age:^k (Source: NIS-Flu)														
All Persons 6 mo+	56.7	56.9	58.7	56.1	55.4	50.1	60.4	60.9	66.4	66.1		70	70	No
Children 6 mo-17 yrs	81.6	74.5	78.6	77.9	74.2	76.2	78.0	78.3	76.5	73.8		70	80	No

Children 6 mo-4 yrs	92.7	86.1	91.3	81.2	75.4	83.5	85.2	85.3	88.9	77.7		70	80	
Children 5-12 yrs	81.1	80.3	78.6	82.0	76.6	78.9	78.5	82.0	78.9	76.5		70	80	No
Children 13-17 yrs	76.7	58.9	68.9	69.4	70.1	67.1	72.3	69.2	63.4	66.7		70	80	No
All Adults 18+	50.2	52.5	53.7	50.7	50.9	43.8	56.3	56.8	64.0	64.4		70	70	No
Adults 18-49 yrs	40.1	46.6	44.5	45.4	39.7	35.6	48.7	46.8	50.0	52.8		70	70	No
Adults 50-64 yrs	55.0	51.7	60.6	49.6	52.9	44.9	56.2	61.8	56.7	68.6		70	70	No
Adults 65+ yrs	71.5	68.7	67.4	64.9	72.8	61.1	74.1	75.1	87.2	83.8		70	70	
Flu Vaccination Coverage by Special Group:														
Pregnant Women ^m	61.0	72.7	75.9	72.9	75.5	75.4	74.5	82.1	81.5			80	80	
Health Care Workers (HCW) ⁿ	87.2	87.6	88.5	88.2	88.6	86.2	87.4	88.0	77.0	79.1		90	92	
Flu Vaccination Coverage by Race/Ethnicity (6 months and older)^k (Source: NIS-Flu)														
Hispanic/Latino	63.5	59.3*	52.4	52.4	57.7	53.4	61.3	58.7	53.9	52.8		70	70	No
Black (non-Hispanic)	43.4*	59.3*	59.9*	45.6	54.1*	45.1	53.0	58.8	55.6	59.3		70	70	No
White (non-Hispanic)	56.6	56.2	60.2	58.5	54.9	49.7	61.9	62.7	70.5	71.8		70	70	
Other racial/ethnic identities	55.8*	58.6*	56.0	52.6*	54.5*	46.6	50.2*	58.5	67.6	53.3		70	70	No

N/A: Data Not Available or Not Applicable

^a: Beginning in 2018, NIS changed its methodology. 2019 data reflect immunizations at 24 months for children born in 2016-17 (data are preliminary for birth year 2017). Data source: NIS-Child.

^b: 3 or 4 doses of Hib vaccine, depending on vaccine type.

^c: 4+ DTaP, 3+ polio, 1+ MMR, 3 or 4 doses Hib, depending on vaccine type, 3+ HepB, 1+ varicella, and 4+ PCV.

^d: at 8 months

^e: Data source: RIDOH School Immunization Survey.

^f: MCV4 on or after 16th birthday

^g: Data source: NIS-Teen

^h: if no disease history reported

ⁱ: Data source: NIS-Teen. NIS has discontinued reporting on this age group.

^k: For flu season August-May, Data source: NIS-Flu

^m: For the 12 months prior to birth of the child. Data source: RI PRAMS.

ⁿ: Beginning in 2013, reporting expanded to include non-employee HCWs (licensed independent practitioners and students/trainees/volunteers). Data source: RIDOH Health Care Worker Survey.

*: RI's estimate might be unreliable because the sample size is too small or confidence interval half-width is > 10.

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