

## Childhood Immunization Status (Combo 10)

### Metric Information

**Metric description:** The percentage of children 2 years of age who, by their second birthday, received all vaccinations in the combination 10 vaccination set. This vaccination set includes:

- 4 diphtheria, tetanus and acellular pertussis (DTaP) vaccinations;
- 3 polio (IPV) vaccinations;
- 1 measles, mumps and rubella (MMR) vaccination;
- 3 haemophilus influenza type B (HiB) vaccinations;
- 3 hepatitis B (HepB) vaccinations;
- 1 chicken pox (VZV) vaccination;
- 4 pneumococcal conjugate (PCV) vaccinations;
- 1 hepatitis A (HepA) vaccination;
- 2 or 3 rotavirus (RV) vaccination;
- 2 influenza (flu) vaccines.

Parental refusal/religious exemption or other documentation that may be captured by the Washington Immunization Information System (WIIS) are counted as “unvaccinated” and not separately specified.

**Metric specification version:** HEDIS® 2020 Technical Specifications for Health Plans, NCQA.

**Data collection method:** Administrative only.

**Data source:** ProviderOne Medicaid claims/encounter and enrollment data and the Washington Immunization Information System (WIIS).

**Claim status:** Include only final paid claims or accepted encounters in metric calculation.

**Identification window:** Measurement year and up to 24 months prior to the start of the measurement year.

**Direction of quality improvement:** Higher is better.

**URL of specifications:** [www.ncqa.org/hedis/measures](http://www.ncqa.org/hedis/measures)

### DSRIP Program Summary

**Metric utility:** ACH Project P4P  ACH High Performance  DSRIP statewide accountability

**ACH Project P4P – Metric results used for achievement value:** Single metric result.

**ACH Project P4P – improvement target methodology:** gap to goal.

**ACH Project P4P gap to goal - absolute benchmark value:**

DY 3/performance year 1 (2019)	62.16% 2017 NCQA Quality Compass National Medicaid, 90 <sup>th</sup> Percentile
DY 4/performance year 2 (2020)	50.21% 2018 NCQA Quality Compass National Medicaid, 90 <sup>th</sup> Percentile

## Childhood Immunization Status (Combo 10)

DY 5/performance year 3 (2021)	TBD 2019 NCQA Quality Compass National Medicaid, 90 <sup>th</sup> Percentile
-----------------------------------	---

**ACH regional attribution:** Residence in the ACH region for 11 out of the 12 months prior to the child’s second birthday.

### DSRIP Metric Details

Eligible Population	
Age	Children who turn 2 years of age during the measurement year.
Gender	N/A
Minimum Medicaid enrollment	12 months prior to the child’s second birthday. Enrollment must be continuous. Must be enrolled in month of anchor date.
Allowable gap in Medicaid enrollment	One gap of one month during the 12 months prior to the child’s second birthday.
Medicaid enrollment anchor date	Child’s second birthday.
Medicaid benefit and eligibility	Includes Medicaid beneficiaries with comprehensive medical benefits. Excludes beneficiaries that are eligible for both Medicare and Medicaid and beneficiaries with primary insurance other than Medicaid.

#### Denominator:

*Data elements required for denominator:* Children who turn 2 years of age during the measurement year based on eligibility criteria above.

*Required exclusions for denominator.*

- Eligible population exclusions are listed in the eligible population table above.
- Metric specific exclusions:
  - o Beneficiaries in hospice care.

*Deviations from cited specifications for denominator.*

- None.

#### Numerator:

Beneficiaries must qualify for inclusion in the denominator to be eligible for inclusion in the numerator.

*Data elements required for the numerator:* Data elements differ for each vaccination type in the Combination 10.

For MMR, hepatitis B, VZV and hepatitis A, count any of the following:

- Evidence of the antigen or combination vaccine, **or**

## Childhood Immunization Status (Combo 10)

- Documented history of the illness, **or**
- A seropositive test result for each antigen.

For DTaP, IPV, HiB, pneumococcal conjugate, rotavirus and influenza, count only:

- Evidence of the antigen or combination vaccine.

Since this is a metric for combination vaccinations that require more than one antigen (i.e., DTaP and MMR), evidence of all vaccinations must be found.

See HEDIS® for specific requirements of each of the vaccinations in this metric. All vaccinations (with the exception of MMR) must meet General Guideline 38 (i.e. the 14 day rule which specifies that vaccinations must be given 14 days apart to avoid double counting events).

*Value sets required for numerator.*

Name	Value Set
DTaP Vaccine Immunization Value Set	See HEDIS®
DTaP Vaccine Procedure Value Set	See HEDIS®
Inactivated Polio Vaccine (IPV) Immunization Value Set	See HEDIS®
Inactivated Polio Vaccine (IPV) Procedure Value Set	See HEDIS®
Measles, Mumps, and Rubella (MMR) Immunization Value Set	See HEDIS®
Measles, Mumps, and Rubella (MMR) Vaccine Procedure Value Set	See HEDIS®
Measles Rubella Immunization Value Set	See HEDIS®
Measles Rubella Vaccine Procedure Value Set	See HEDIS®
Mumps Immunization Value Set	See HEDIS®
Mumps Vaccine Procedure Set	See HEDIS®
Mumps Value Set	See HEDIS®
Measles Immunization Value Set	See HEDIS®
Measles Vaccine Procedure Set	See HEDIS®
Measles Value Set	See HEDIS®
Rubella Immunization Value Set	See HEDIS®
Rubella Vaccine Procedure Value Set	See HEDIS®
Rubella Value Set	See HEDIS®
Haemophilus Influenzae Type B (HiB) Immunization Value Set	See HEDIS®
Haemophilus Influenzae Type B (HiB) Vaccine Procedure Value Set	See HEDIS®

## Childhood Immunization Status (Combo 10)

Hepatitis B Immunization Value Set	See HEDIS®
Hepatitis B Vaccine Procedure Value Set	See HEDIS®
Newborn Hepatitis B Vaccine Administered Value Set	See HEDIS®
Hepatitis B Value Set	See HEDIS®
Varicella Zoster (VZV) Immunization Value Set	See HEDIS®
Varicella Zoster (VZV) Vaccine Procedure Value Set	See HEDIS®
Varicella Zoster Value Set	See HEDIS®
Pneumococcal Conjugate Immunization Value Set	See HEDIS®
Pneumococcal Conjugate Vaccine Procedure Value Set	See HEDIS®
Hepatitis A Immunization Value Set	See HEDIS®
Hepatitis A Vaccine Procedure Value Set	See HEDIS®
Hepatitis A Value Set	See HEDIS®
Rotavirus Vaccine (2 Dose Schedule) Immunization Value Set	See HEDIS®
Rotavirus Vaccine (2 Dose Schedule) Vaccine Procedure Value Set	See HEDIS®
Rotavirus Vaccine (3 Dose Schedule) Immunization Value Set	See HEDIS®
Rotavirus Vaccine (3 Dose Schedule) Vaccine Procedure Value Set	See HEDIS®
Influenza Immunization Value Set	See HEDIS®
Influenza Vaccine Procedure Value Set	See HEDIS®
Influenza Virus LAIV Immunization Value Set	See HEDIS®
Influenza Virus LAIV Vaccine Procedure Value Set	See HEDIS®

*Required exclusions for numerator.*

- None

*Deviations from cited specifications for numerator.*

- The Washington State Immunization Information System may include CPT codes that are not typically used for children (i.e. adult codes where child codes are specified) or less usual combination vaccines that are not included in the measure specifications. These vaccine-specific CPT codes are included in the metric.

### Version Control

**July 2018 release:** The specification was updated to HEDIS® 2018 specifications.

## Childhood Immunization Status (Combo 10)

**January 2019 update:** Minor formatting updates were made to the metric specification sheet. This includes updating the URL of the source specification and changing HEDIS™ to HEDIS®. No substantive changes were made to the specification.

**August 2019 update:** The specification sheet has been updated to reflect the current version of the HEDIS® technical specification (from HEDIS® 2018 to HEDIS® 2019). Specifications have been abbreviated per HEDIS® guidance. Note that while the names of the value sets included in the specifications have not changed, the underlying values may have been updated. See HEDIS® for specific instructions, including updates to numerator requirements related to measles, mumps, rubella (MMR), chicken pox (VZV), and Hepatitis A (HepA). DY 4/performance year 2 (2020) benchmark value(s) have been added to the DSRIP Program Summary section.

**August 2020 update:** The specification sheet has been updated to reflect the current version of the HEDIS® technical specification (from HEDIS® 2019 to HEDIS® 2020). Value sets were substantially updated and the underlying values may have also been updated. Live attenuated influenza vaccine (LAIV) was added as numerator compliant for the influenza vaccine. See HEDIS® for specific instructions. Denominator exclusion criteria was revised to reflect continuous enrollment identification processes. DY 5/performance year 3 (2021) benchmark value(s) have been added to the DSRIP Program Summary section.