

## Childhood Immunization Status (Combination 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® Measurement Year 2020 and Measurement Year 2021 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 (Combination 10)

DY 5/performance year 3 (2021)	45.06% 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. 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.

## Childhood Immunization Status (Combination 10)

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).

*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

**August 2019 update:** See HEDIS® for specific instructions, including updates to numerator requirements related to measles, mumps, rubella (MMR), chicken pox (VZV), and Hepatitis A (HepA).

**August 2020 update:** 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.