

Availability of Specialty Services

Measure 4: Access to Outpatient Specialty Care for Children

Description

Rate of participating cardiologists, dermatologists, endocrinologists, gastroenterologists, hematologists/oncologists, nephrologists, neurologists, otolaryngologists, pulmonologists, and rheumatologists who have seen ≥ 1 enrolled child, age < 18 years, for at least one outpatient visit during the measurement year. A higher rate indicates better performance as reflected by increased availability of service.

Calculation

This measure requires administrative data and is calculated as 10 rates. The denominator is the number of eligible children divided by 1,000.

1. The number of cardiologists who have provided any outpatient care to at least one child (cardiologist numerator divided by denominator), per 1,000 eligible children.
2. The number of dermatologists who have provided any outpatient care to at least one child (dermatologist numerator divided by denominator), per 1,000 eligible children.
3. The number of endocrinologists who have provided any outpatient care to at least one child (endocrinologist numerator divided by denominator), per 1,000 eligible children.
4. The number of gastroenterologists who have provided any outpatient care to at least one child (gastroenterologist numerator divided by denominator), per 1,000 eligible children.
5. The number of hematologists/oncologists who have provided any outpatient care to at least one child (hematologist/oncologist numerator divided by denominator), per 1,000 eligible children.
6. The number of nephrologists who have provided any outpatient care to at least one child (nephrologist numerator divided by denominator), per 1,000 eligible children.
7. The number of neurologists who have provided any outpatient care to at least one child (neurologist numerator divided by denominator), per 1,000 eligible children.
8. The number of otolaryngologists who have provided any outpatient care to at least one child (otolaryngologist numerator divided by denominator), per 1,000 eligible children.
9. The number of pulmonologists who have provided any outpatient care to at least one child (pulmonologist numerator divided by denominator), per 1,000 eligible children.
10. The number of rheumatologists who have provided any outpatient care to at least one child (rheumatologist numerator divided by denominator), per 1,000 eligible children.

Definitions

Provider Identification

Identify specialists using taxonomy codes linked to provider NPI (National Provider Identifier). Examples include program enrollment files and the National Plan & Provider Enumeration System [NPPES] registry. Include only providers who are individual physicians (MD/DO). This can be accomplished with NPPES by requiring that Entity Type Code=1. Use rendering NPI or billing NPI. See Table AVS4-A for National Uniform Claim Committee provider taxonomy codes.

Table AVS4-A: Provider Taxonomy Codes

Specialty	Subtype	Taxonomy Code
Cardiology	Interventional Cardiology	207RI0011X
	Pediatric Cardiology	2080P0202X
	Cardiovascular Disease	207RC0000X
Endocrinology	Endocrinology, Diabetes and Metabolism	207RE0101X
	Pediatric Endocrinology	2080P0205X
Gastroenterology	Gastroenterology	207RG0100X
	Pediatric Gastroenterology	2080P0206X
Nephrology	Nephrology	207RN0300X
	Pediatric Nephrology	2080P0210X
Neurology	Behavioral Neurology and Neuropsychiatry	2084B0040X
	Neuromuscular Medicine	2084N0008X
	Neurology	2084N0400X
	Neurology with Special Qualifications in Child Neurology	2084N0402X
	Clinical Neurophysiology	2084N0600X
	Neurodevelopmental Disabilities	2084P0005X
	Vascular Neurology	2084V0102X
Otolaryngology	Otolaryngology	207Y00000X
	Pediatric Otolaryngology	207YP0228X
	Facial Plastic Surgery	207YS0123X
	Plastic Surgery within the Head and Neck	207YX0007X
	Otolaryngic Allergy	207YX0602X
	Otology and Neurotology	207YX0901X
	Otolaryngology/Facial Plastic Surgery	207YX0905X
Pulmonology	Pulmonary Disease	207RP1001X
	Pediatric Pulmonology	2080P0214X
Rheumatology	Rheumatology	207RR0500X
	Pediatric Rheumatology	2080P0216X

Outpatient Care

Any visit within the measurement year with a Place of Service code listed in Table AVS4-B will be considered outpatient care for this measure. The outpatient visit must be with a child enrolled in a Medicaid program or health plan, without regard to duration of enrollment.

Table AVS4-B: Place of Service Codes

Place of Service	Code
School	03
Homeless Shelter	04
Indian Health Service Free-standing Facility	05
Indian Health Service Provider-based Facility	06
Tribal 638 Free-standing Facility	07
Tribal 638 Provider-based Facility	08
Office	11
Home	12
Mobile Unit	15
Outpatient Hospital	22
Ambulatory Surgical Center	24
Military Treatment Facility	26
Independent Clinic	49
Federally Qualified Health Center	50
Community Mental Health Center	53
Non-residential Substance Abuse Treatment Facility	57
Mass Immunization Center	60
Comprehensive Outpatient Rehabilitation Facility	62
End-stage Renal Disease Treatment Facility	65
Public Health Clinic	71
Rural Health Clinic	72

Eligible Population for the Denominator

Ages	Children born on September 30 or earlier in the measurement year but younger than 18 years on December 31 of the measurement year.
Enrollment	At least one Medicaid program or health plan enrollment period of 90 days or 3 consecutive months within the measurement year

Specification

Denominator	Number of eligible children divided by 1,000
Numerators	
Cardiologist	Number of cardiologists who have provided any outpatient care to at least one enrolled child
Dermatologist	Number of dermatologists who have provided any outpatient care to at least one enrolled child
Endocrinologist	Number of endocrinologists who have provided any outpatient care to at least one enrolled child
Gastroenterologist	Number of gastroenterologists who have provided any outpatient care to at least one enrolled child

<i>Hematologist/Oncologist</i>	Number of hematologists/oncologists who have provided any outpatient care to at least one enrolled child
<i>Nephrologist</i>	Number of nephrologists who have provided any outpatient care to at least one enrolled child
<i>Neurologist</i>	Number of neurologists who have provided any outpatient care to at least one enrolled child
<i>Otolaryngologist</i>	Number of otolaryngologists who have provided any outpatient care to at least one enrolled child
<i>Pulmonologist</i>	Number of pulmonologists who have provided any outpatient care to at least one enrolled child
<i>Rheumatologist</i>	Number of rheumatologists who have provided any outpatient care to at least one enrolled child
Level of Measurement	State-level Medicaid programs or health plans

Exclusions

- NPIs representing organizations and clinics.
- NPIs representing professionals who are not physicians (e.g., nurse practitioners and physician assistants).