

## **BMI Follow-up**

### **Measure 3: Hypertension Screening for Children Who Are Overweight or Obese**

#### **Description**

The percentage of children aged 3 through 17 years with an outpatient care visit and a BMI  $\geq 85^{\text{th}}$  percentile who had a blood pressure percentile documented and classified as normal or abnormal during the measurement year. A higher proportion indicates better performance.

#### **Calculation**

This measure requires medical record data and is calculated as three rates as well as an overall rate that is a composite of the three individual rates. The three individual rates are:

1. The percentage of children who had documentation of systolic blood pressure percentile (systolic numerator divided by denominator).
2. The percentage of children who had documentation of diastolic blood pressure percentile (diastolic numerator divided by denominator).
3. The percentage of children who had classification of blood pressure as normal or abnormal (classification numerator divided by denominator).

The overall rate is the percentage of children who met all three criteria, even if each occurs during a separate visit (overall numerator divided by denominator).

#### **Definitions**

<b>Intake period</b>	January 1 to December 31 of the measurement year.
<b>Blood pressure pressure.</b>	Blood pressure is measured as systolic blood pressure and diastolic blood pressure.
<b>Blood Pressure Percentile</b>	The percentile ranking based on the National Heart Lung and Blood Guidelines, which are based on age, sex, and height percentile. Percentiles are available for both systolic and diastolic blood pressures.
<b>Blood Pressure Classification</b>	Based on BP percentiles, children can be classified into categories of normal ( $<95^{\text{th}}$ percentile) and abnormal ( $\geq 95^{\text{th}}$ percentile).
<b>Outpatient care</b>	A Health Maintenance Exam (HME) or an Evaluation and Management (E&M) visit with primary care provider or a specialist (see Table 3-A).

**Table 3-A: Codes to Identify Ambulatory or Preventive Care Visits**

Description	CPT	HCPCS	ICD-9-CM Diagnosis
Office or other outpatient services	99201-99205, 99211-99215, 99241-99245		
Preventive medicine	99381-99385, 99391-99395, 99401-99404, 99411-99412, 99420, 99429	G0438, G0439	
General medical examination			V20.2, V70.0, V70.3, V70.5, V70.6, V70.8, V70.9

### Eligible Population

The determination of eligible population for this measure requires medical record data.

**Ages** 3 through 17 years of age. The eligibility period begins with the third birthday and ends the day before the 18<sup>th</sup> birthday.

**Event/Diagnosis** An outpatient care visit and BMI  $\geq$ 85<sup>th</sup> percentile.

### Specification

**Denominator** Eligible children with an outpatient care visit and BMI  $\geq$ 85<sup>th</sup> percentile

**Numerators** Eligible children with an outpatient care visit and BMI  $\geq$ 85<sup>th</sup> percentile who...

**Systolic** ...had documentation of systolic blood pressure percentile as determined by medical record review.

**Diastolic** ...had documentation of diastolic blood pressure percentile as determined by medical record review.

**Classification** ...had classification of blood pressure as normal or abnormal as determined by medical record review.

**Overall** ...met all three criteria, even if each occurs during a separate visit, as determined by medical record review.

Documentation in medical record must include, at a minimum, a note containing the date on which each test was conducted.

Note: Reporting of systolic and/or diastolic blood pressure only is not sufficient to qualify as a numerator event.

### Exclusions

- Inpatient stays, emergency department visits, urgent care visits.
- A diagnosis of pregnancy during the measurement year.