

High BMI Follow-Up

Measure 1: Documentation of BMI Percentile and Weight Classification for Children

Description

The percentage of children, ages 2 through 17 years old, who had documentation of BMI percentile and documentation of weight classification at an outpatient care visit during the measurement year. A higher proportion indicates better performance.

Calculation

This measure requires medical record data and is calculated as two individual rates:

1. The percentage of eligible children who had documentation of BMI percentile (percentile numerator divided by denominator).
2. The percentage of children who had documentation of weight classification (classification numerator divided by denominator).

Definitions

Intake period	January 1 to December 31 of the measurement year.
BMI percentile	The percentile ranking based on the BMI-for-age growth charts, which indicates the relative position of the patient's BMI number among others of the same gender and age.
BMI Percentile Documentation	Written documentation of BMI percentile in the chart, documentation of BMI percentile in the chart as calculated by the EHR (electronic health record), or BMI percentile plotted on a BMI for age and sex growth chart. For children ≥ 16 years of age, BMI score is sufficient.
Weight Classification based on BMI percentile or score	Using BMI percentile, children 2 through 17 years of age can be classified into categories as shown in Table 1-A. See Table 1-B for categories based on BMI score; this table can only be utilized for children 16 or 17 years of age.
Weight Classification Documentation	Written documentation of BMI percentile, from the medical record. Documentation in the medical record must include at least one classification from any of the lists below: "Underweight", "Overweight", "Obese" OR "Normal weight", "healthy weight", "abnormal weight", "Unhealthy weight" OR "BMI <5 th percentile", "BMI 5 th through 84 th percentile", "BMI 85th through 94th percentile," "BMI ≥ 95 th percentile" OR "BMI score <18.5," " ≥ 18.5 and less than 25," " ≥ 25 and less than 30," " ≥ 30 " (for children 16 and 17 years of age only).

For medical records, acceptable documentation consists of ICD-9 codes for “obesity” or “abnormal weight gain” (see Table 1-C).

Outpatient care A Health Maintenance Exam (HME) or an Evaluation and Management (E&M) visit with primary care provider or a specialist (see Table 1-D).

Table 1-A: Weight Classification Based on BMI Percentile (Children 2 through 17 Years of Age)

Classification	Percentile
Underweight	<5th percentile
Normal weight	5th to 84th percentile
Overweight	85th to 94th percentile
Obese	≥95th percentile

Table 1-B: Weight Classification Based on BMI Score (Children 16 or 17 Years of Age Only)

Classification	BMI score
Underweight	<18.5
Normal weight	≥18.5 and <25
Overweight	≥25 and <30
Obese	≥30

Table 1-C: ICD-9 Codes for Obesity or Abnormal Weight Gain

Description	Code
Morbid obesity	278.01
Obesity, unspecified	278.00
Obesity of endocrine origin NOS	259.9
Abnormal weight gain	783.1
Obesity	V77.8

Table 1-D: 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	2 through 17 years of age. The eligibility period begins with the second birthday and ends the day before the 18 th birthday.
Event/Diagnosis	An outpatient care visit.

Specification

Denominator Eligible children with an outpatient care visit.

Numerators

Percentile Eligible children with an outpatient care visit and documentation of BMI percentile in the chart. Note: Documentation of BMI, weight, height, weight percentile, or height percentile alone is not sufficient to qualify as a numerator event. BMI score qualifies if child is 16 or 17 years of age.

Classification Eligible children with an outpatient care visit and documentation of weight classification in the chart. Note: Documentation of BMI, BMI percentile, weight, height, weight percentile, or height percentile alone 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.