2023 eCQM Flow
eCQM Identifier: CMS155v11
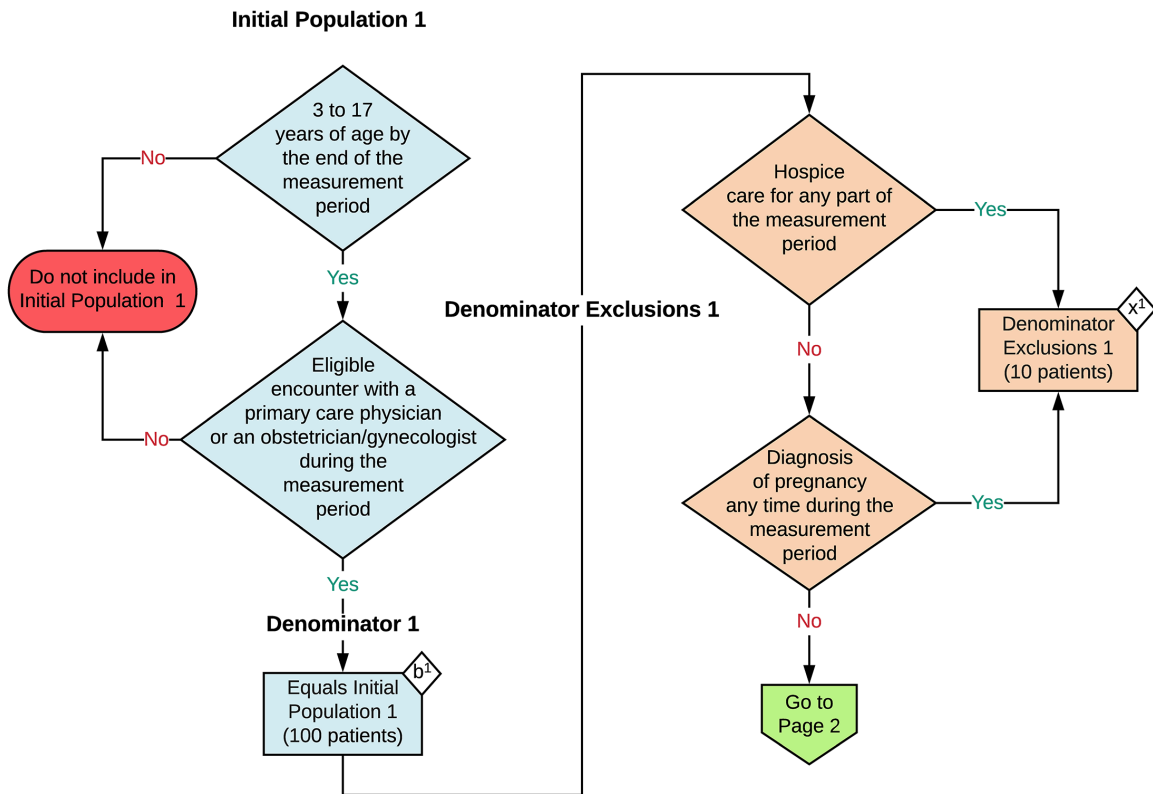
NOTE: This flow diagram represents an overview of population criteria requirements. **Refer to the eCQM specification for a complete list of data elements included in this measure and required for submission.**

Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents

Percentage of patients 3 to 17 years of age who had an outpatient visit with a primary care physician (PCP) or obstetrician/gynecologist (OB/GYN) and who had evidence of the following during the measurement period.
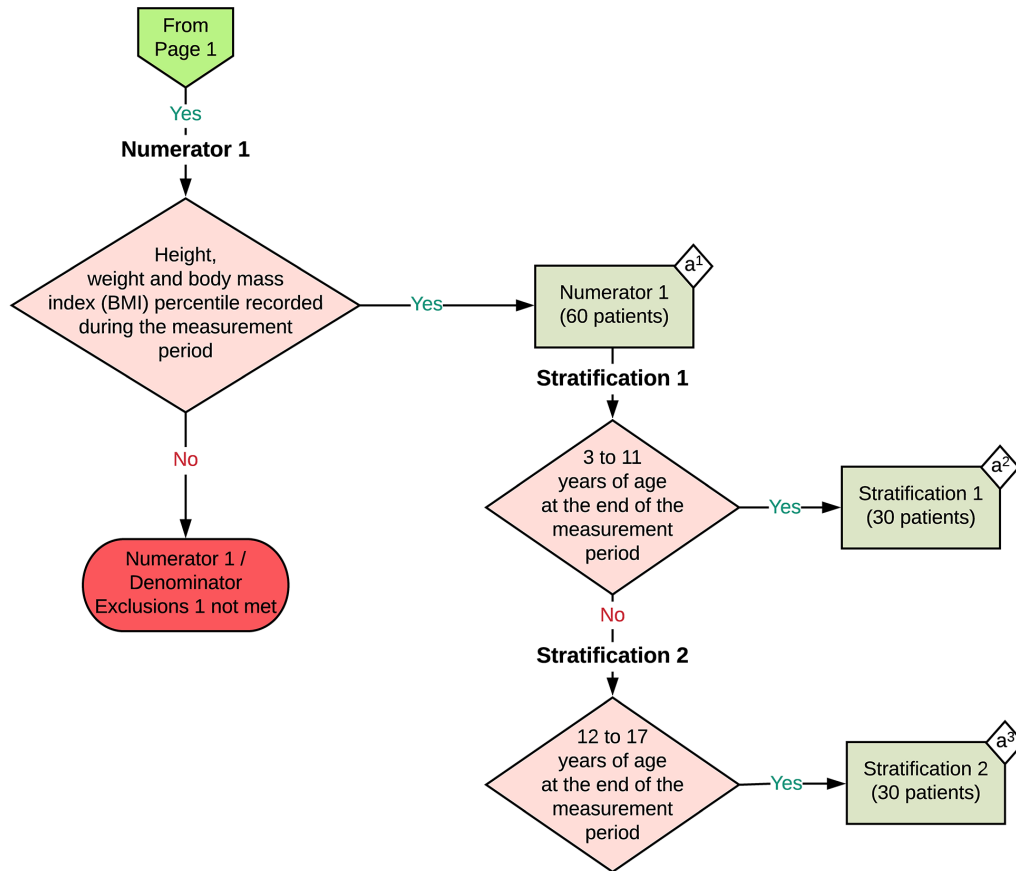
1. Percentage of patients with height, weight, and body mass index (BMI) percentile documentation
2. Percentage of patients with counseling for nutrition
3. Percentage of patients with counseling for physical activity

This eCQM is a patient-based measure

Initial Population 1

**Weight Assessment and Counseling for Nutrition and
Physical Activity for Children/Adolescents**

From
Page 1

Yes

Numerator 1

Height,
weight and body mass
index (BMI) percentile recorded
during the measurement
period

No → Numerator 1 /
Denominator
Exclusions 1 not met

Yes → Numerator 1
(60 patients) a¹

Stratification 1

3 to 11
years of age
at the end of the
measurement
period

Yes → Stratification 1
(30 patients) a²

No

Stratification 2

12 to 17
years of age
at the end of the
measurement
period

Yes → Stratification 2
(30 patients) a³

Sample Calculation: Population 1

Performance Rate 1 =

$$\frac{\text{Numerator 1 (}a^1 = 60 \text{ patients)}}{\text{Denominator 1 (}b^1 = 100 \text{ patients)} - \text{Denominator Exclusions 1 (}x^1 = 10 \text{ patients)}} = \frac{60}{90} = 67\%$$

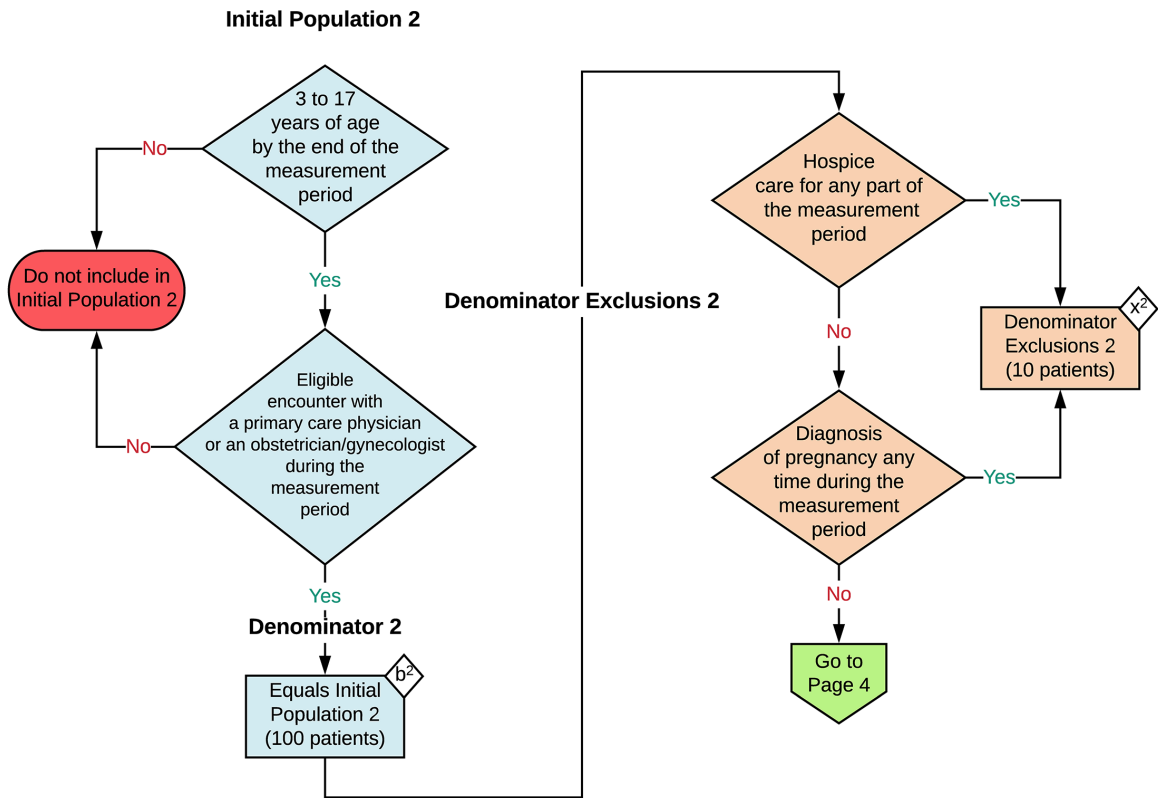**Stratification 1 of Performance Rate 1 =**

$$\frac{\text{Numerator 1 (}a^2 = 30 \text{ patients)}}{\text{Denominator 1 (}b^1 = 100 \text{ patients)} - \text{Denominator Exclusions 1 (}x^1 = 10 \text{ patients)}} = \frac{30}{90} = 33\%$$

Stratification 2 of Performance Rate 1 =

$$\frac{\text{Numerator 1 (}a^3 = 30 \text{ patients)}}{\text{Denominator 1 (}b^1 = 100 \text{ patients)} - \text{Denominator Exclusions 1 (}x^1 = 10 \text{ patients)}} = \frac{30}{90} = 33\%$$
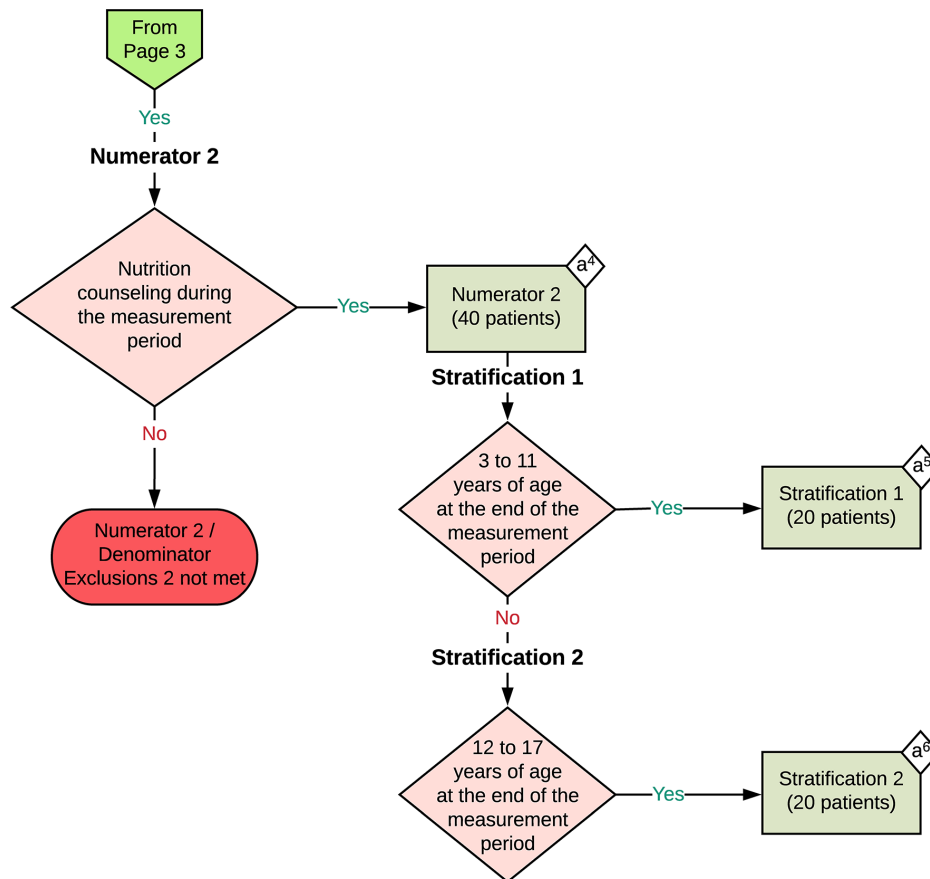
**Weight Assessment and Counseling for Nutrition and
Physical Activity for Children/Adolescents**

Initial Population 2

3 to 17
years of age
by the end of the
measurement
period

No

Do not include in
Initial Population 2

Yes

Eligible
encounter with
a primary care physician
or an obstetrician/gynecologist
during the
measurement
period

No

Yes

Denominator 2

Equals Initial
Population 2
(100 patients)
b^2

Denominator Exclusions 2

Hospice
care for any part of
the measurement
period

Yes

No

Denominator
Exclusions 2
(10 patients)
x^2

Diagnosis
of pregnancy any
time during the
measurement
period

Yes

No

Go to
Page 4

From
Page 3

Yes

Numerator 2

Nutrition counseling during the measurement period

Yes → Numerator 2 (40 patients) a^4

No → Numerator 2 / Denominator Exclusions 2 not met

Stratification 1

3 to 11 years of age at the end of the measurement period

Yes → Stratification 1 (20 patients) a^5

No

Stratification 2

12 to 17 years of age at the end of the measurement period

Yes → Stratification 2 (20 patients) a^6

Sample Calculation: Population 2

Performance Rate 2 =

$$\frac{\text{Numerator 2 } (a^4 = 40 \text{ patients})}{\text{Denominator 2 } (b^2 = 100 \text{ patients}) - \text{Denominator Exclusions 2 } (x^2 = 10 \text{ patients})} = \frac{40}{90} = 44\%$$
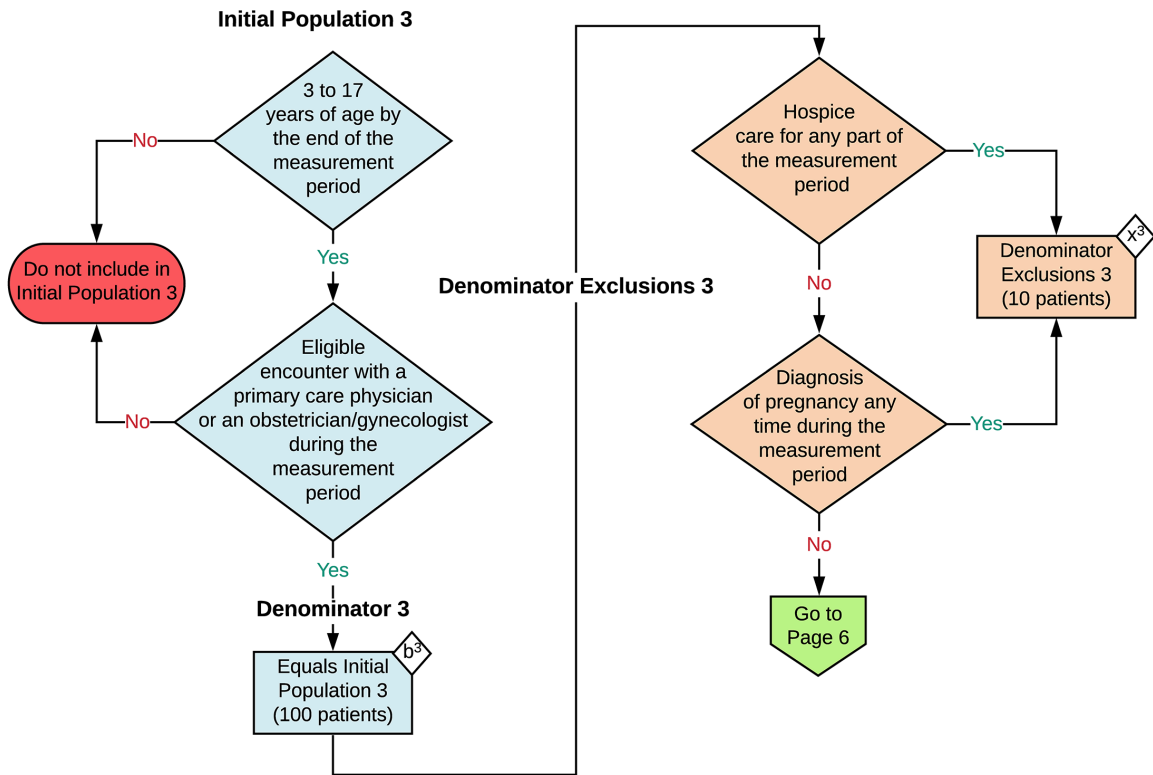
Stratification 1 of Performance Rate 2 =

$$\frac{\text{Numerator 2 } (a^5 = 20 \text{ patients})}{\text{Denominator 2 } (b^2 = 100 \text{ patients}) - \text{Denominator Exclusions 2 } (x^2 = 10 \text{ patients})} = \frac{20}{90} = 22\%$$

Stratification 2 of Performance Rate 2 =

$$\frac{\text{Numerator 2 } (a^6 = 20 \text{ patients})}{\text{Denominator 2 } (b^2 = 100 \text{ patients}) - \text{Denominator Exclusions 2 } (x^2 = 10 \text{ patients})} = \frac{20}{90} = 22\%$$
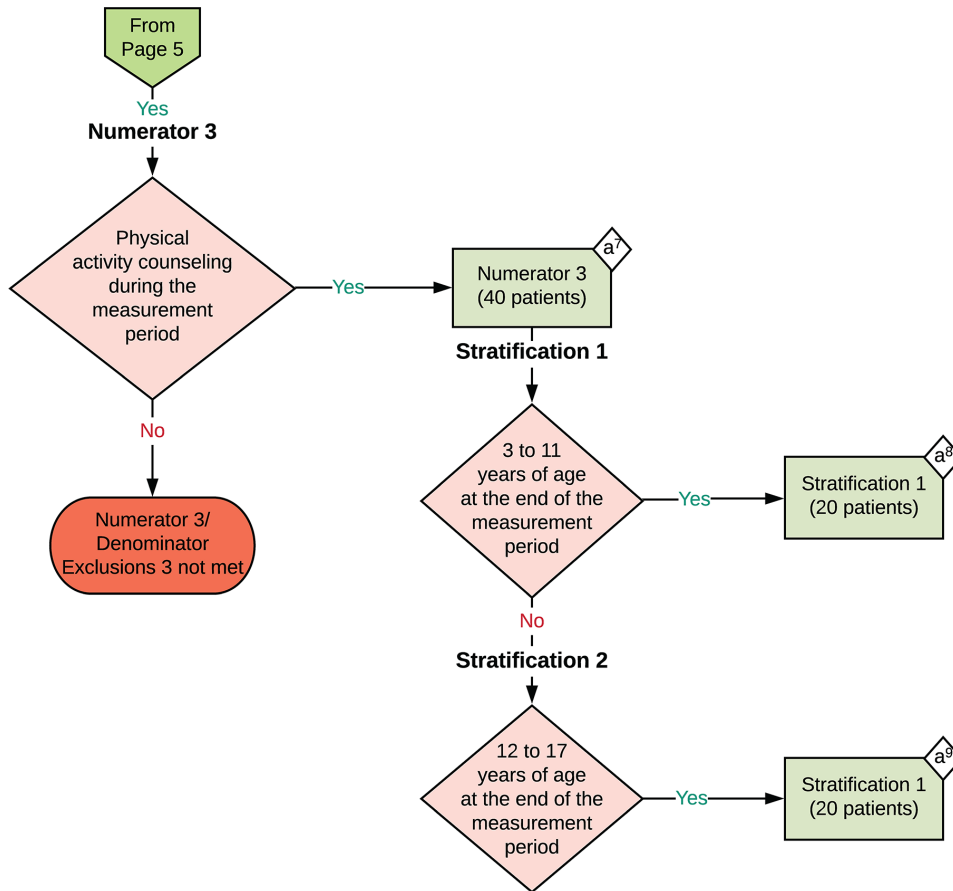
Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents

Initial Population 3

3 to 17 years of age by the end of the measurement period

No → Do not include in Initial Population 3

Yes ↓

Eligible encounter with a primary care physician or an obstetrician/gynecologist during the measurement period

No → Do not include in Initial Population 3

Yes ↓

Denominator 3

Equals Initial Population 3 (100 patients) [b³]

Denominator Exclusions 3

Hospice care for any part of the measurement period

Yes → Denominator Exclusions 3 (10 patients) [x³]

No ↓

Diagnosis of pregnancy any time during the measurement period

Yes → Denominator Exclusions 3 (10 patients) [x³]

No ↓

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Weight Assessment and Counseling for Nutrition and
Physical Activity for Children/Adolescents

From
Page 5

Yes
Numerator 3

Physical
activity counseling
during the
measurement
period

No

Numerator 3/
Denominator
Exclusions 3 not met

Yes → Numerator 3
(40 patients) — a7

Stratification 1

3 to 11
years of age
at the end of the
measurement
period

Yes → Stratification 1
(20 patients) — a8

No

Stratification 2

12 to 17
years of age
at the end of the
measurement
period

Yes → Stratification 1
(20 patients) — a9

Sample Calculation: Population 3

Performance Rate 3 =

$$\frac{\text{Numerator 3 } (a^7 = 40 \text{ patients})}{\text{Denominator 3 } (b^3 = 100 \text{ patients}) - \text{Denominator Exclusions 3 } (x^3 = 10 \text{ patients})} = \frac{40}{90} = 44 \text{ \%}$$

Stratification 1 of Performance Rate 3 =

$$\frac{\text{Numerator 3 } (a^8 = 20 \text{ patients})}{\text{Denominator 3 } (b^3 = 100 \text{ patients}) - \text{Denominator Exclusions 3 } (x^3 = 10 \text{ patients})} = \frac{20}{90} = 22 \text{ \%}$$

Stratification 2 of Performance Rate 3 =

$$\frac{\text{Numerator 3 } (a^9 = 20 \text{ patients})}{\text{Denominator 3 } (b^3 = 100 \text{ patients}) - \text{Denominator Exclusions 3 } (x^3 = 10 \text{ patients})} = \frac{20}{90} = 22 \text{ \%}$$

eCQM Identifier: CMS155v11

eCQM Title: Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents

NOTE: This flow diagram represents an overview of population criteria requirements. Refer to the eCQM specification for a complete list of data elements included in this measure and required for submission.

Description: Percentage of patients 3 to 17 years of age who had an outpatient visit with a primary care physician (PCP) or obstetrician/gynecologist (OB/GYN) and who had evidence of the following during the measurement period.

- Percentage of patients with height, weight, and body mass index (BMI) percentile documentation

- Percentage of patients with counseling for nutrition

- Percentage of patients with counseling for physical activity

This eCQM is a patient-based measure.

eCQM Flow Narrative

Initial Population 1
Start by identifying the Initial Population 1, which includes patients 3 to 17 years of age by the end of the measurement period with an eligible encounter with a primary care physician (PCP) or an eligible encounter with an obstetrician/gynecologist (OB/GYN) during the measurement period.

Denominator 1
Denominator 1 equals the Initial Population 1. In the sample calculation provided at the end of the eCQM flow, Denominator 1 is equal to 100 patients.

Denominator Exclusions 1

The Denominator Exclusions 1 criteria identify a subset of the Denominator 1 population by excluding patients with a diagnosis of pregnancy any time during the measurement period or who are in hospice care for any part of the measurement period. In the sample calculation provided at the end of the eCQM flow, the Denominator Exclusions 1 are equal to 10 patients.

Numerator 1
The Numerator 1 criteria identify a subset of the Denominator 1 population (that did not meet the Denominator Exclusions 1 criteria) by including patients whose height, weight and body mass index (BMI) percentile were recorded during the measurement period. In the sample calculation provided at the end of the eCQM flow, Numerator 1 is equal to 60 patients.

Stratification 1
There are two strata for reporting separately by age group. Stratification 1 includes patients 3 to 11 years of age at the end of the measurement period. In the sample calculation provided at the end of the eCQM flow, Stratification 1 is equal to 30 patients.

Stratification 2

There are two strata for reporting separately by age group. Stratification 2 includes patients 12 to 17 years of age at the end of the measurement period. In the sample calculation provided at the end of the eCQM flow, Stratification 2 is equal to 30 patients.

Sample Calculation: Population 1

A sample calculation for Population 1 is provided to help determine how the measure performance rate 1 is derived. The measure performance rate 1 is calculated by dividing the Numerator 1 (total equals 60 patients) by the difference between the Denominator 1 (total equals 100 patients) and the Denominator Exclusions 1 (total equals 10 patients), which is equal to a score of 67 percent. Stratification 1 of performance rate 1 is calculated by dividing the Numerator 1 of Stratification 1 (total equals 30 patients) by the difference between the Denominator 1 (total equals 100 patients) and the Denominator Exclusions 1 (total equals 10 patients), which is equal to a score of 33 percent. Stratification 2 of performance rate 1 is calculated by dividing the Numerator 1 of Stratification 2 (total equals 30 patients) by the difference between the Denominator 1 (total equals 100 patients) and the Denominator Exclusions 1 (total equals 10 patients), which is equal to a score of 33 percent.

Initial Population 2

Continue by identifying the Initial Population 2, which includes patients 3 to 17 years of age by the end of the measurement period with an eligible encounter with a primary care physician (PCP) or an eligible encounter with an obstetrician/gynecologist (OB/GYN) during the measurement period.

Denominator 2

Denominator 2 equals the Initial Population 2. In the sample calculation provided at the end of the eCQM flow, Denominator 2 is equal to 100 patients.

Denominator Exclusions 2

The Denominator Exclusions 2 criteria identify a subset of the Denominator 2 population by excluding patients with a diagnosis of pregnancy any time during the measurement period or who are in hospice care for any part of the measurement period. In the sample calculation provided at the end of the eCQM flow, the Denominator Exclusions 2 are equal to 10 patients.

Numerator 2

The Numerator 2 criteria identify a subset of the Denominator 2 population (that did not meet the Denominator Exclusions 2 criteria) by including patients who received nutrition counseling during the measurement period. In the sample calculation provided at the end of the eCQM flow, Numerator 2 is equal to 40 patients.

Stratification 1

There are two strata for reporting separately by age group. Stratification 1 includes patients 3 to 11 years of age at the end of the measurement period. In the sample calculation provided at the end of the eCQM flow, Stratification 1 is equal to 20 patients.

Stratification 2

There are two strata for reporting separately by age group. Stratification 2 includes patients 12 to 17 years of age at the end of the measurement period. In the sample calculation provided at the end of the eCQM flow, Stratification 2 is equal to 20 patients.

Sample Calculation: Population 2
A sample calculation for Population 2 is provided to help determine how the measure performance rate 2 is derived. The measure performance rate 2 is calculated by dividing the Numerator 2 (total equals 40 patients) by the difference between the Denominator 2 (total equals 100 patients) and the Denominator Exclusions 2 (total equals 10 patients), which is equal to a score of 44 percent. Stratification 1 of performance rate 2 is calculated by dividing the Numerator 2 of Stratification 1 (total equals 20 patients) by the difference between the Denominator 2 (total equals 100 patients) and the Denominator Exclusions 2 (total equals 10 patients), which is equal to a score of 22 percent. Stratification 2 of performance rate 2 is calculated by dividing the Numerator 2 of Stratification 2 (total equals 20 patients) by the difference between the Denominator 2 (total equals 100 patients) and the Denominator Exclusions 2 (total equals 10 patients), which is equal to a score of 22 percent.

Initial Population 3
Continue by identifying the Initial Population 3, which includes patients 3 to 17 years of age by the end of the measurement period with an eligible encounter with a primary care physician (PCP) or an eligible encounter with an obstetrician/gynecologist (OB/GYN) during the measurement period.

Denominator 3
Denominator 3 equals the Initial Population 3. In the sample calculation provided at the end of the eCQM flow, Denominator 3 is equal to 100 patients.

Denominator Exclusions 3
The Denominator Exclusions 3 criteria identify a subset of the Denominator 3 population by excluding patients with a diagnosis of pregnancy any time during the measurement period or who are in hospice care for any part of the measurement period. In the sample calculation provided at the end of the eCQM flow, the Denominator Exclusions 3 are equal to 10 patients.

Numerator 3
The Numerator 3 criteria identify a subset of the Denominator 3 population (that did not meet the Denominator Exclusions 3 criteria) by including patients who received physical activity counseling during the measurement period. In the sample calculation provided at the end of the eCQM flow, Numerator 3 is equal to 40 patients.

Stratification 1
There are two strata for reporting separately by age group. Stratification 1 includes patients 3 to 11 years of age at the end of the measurement period. In the sample calculation provided at the end of the eCQM flow, Stratification 1 is equal to 20 patients.

Stratification 2
There are two strata for reporting separately by age group. Stratification 2 includes patients 12 to 17 years of age at the end of the measurement period. In the sample calculation provided at the end of the eCQM flow, Stratification 2 is equal to 20 patients.

Sample Calculation: Population 3
A sample calculation for Population 3 is provided to help determine how the measure performance rate 3 is derived. The measure performance rate 3 is calculated by dividing the Numerator 3 (total equals 40 patients) by the difference between the Denominator 3 (total equals 100 patients) and the Denominator Exclusions 3 (total equals 10 patients), which is equal to a score of 44 percent. Stratification 1 of performance rate 3 is calculated by dividing the Numerator 3 of Stratification 1 (total equals 20 patients) by the difference between the Denominator 3 (total equals 100 patients) and the Denominator Exclusions 3 (total equals 10 patients), which is equal to a score of 22 percent. Stratification 2 of

2023 eCQM Flow

performance rate 3 is calculated by dividing the Numerator 3 of Stratification 2 (total equals 20 patients) by the difference between the Denominator 3 (total equals 100 patients) and the Denominator Exclusions 3 (total equals 10 patients), which is equal to a score of 22 percent.