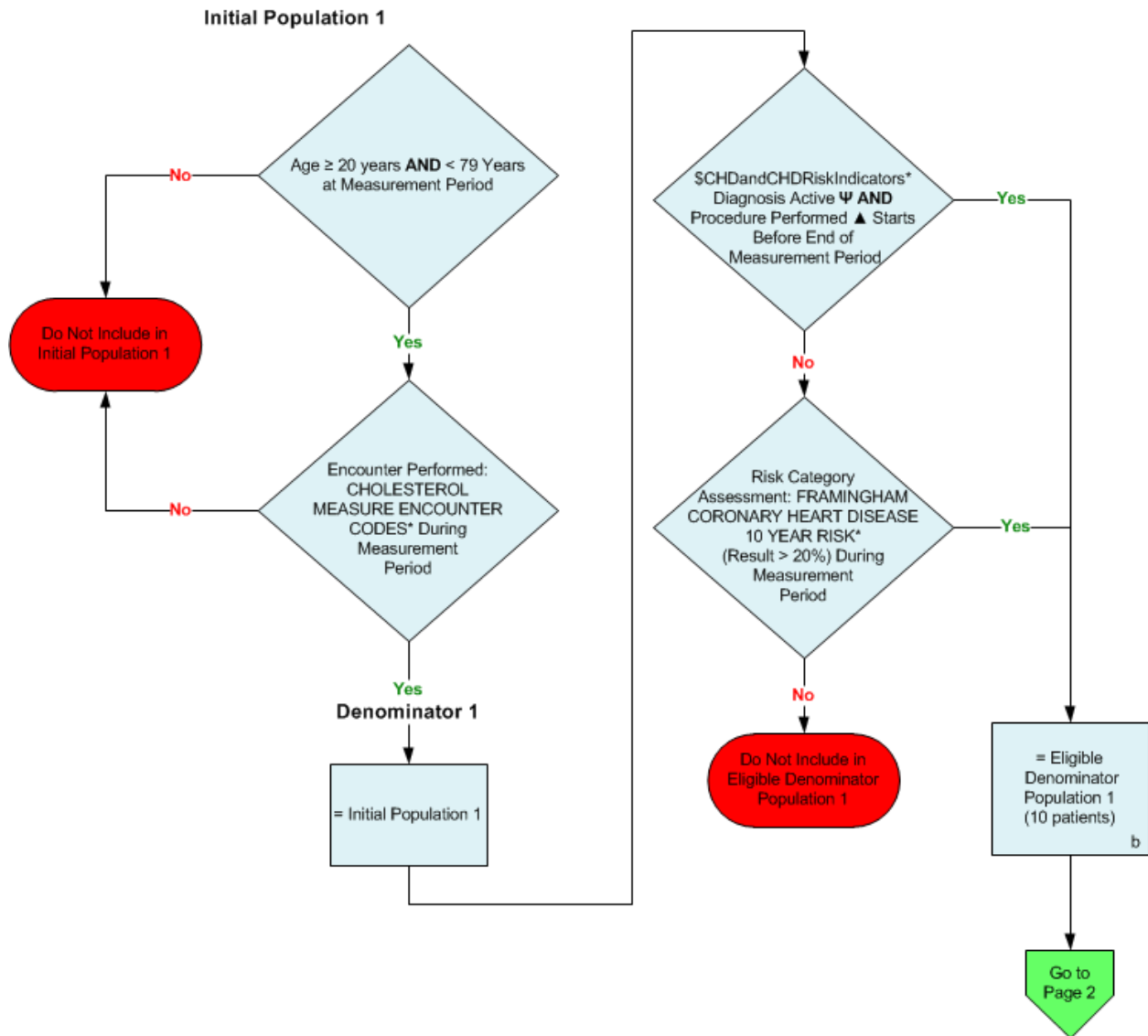


2014 eCQM Flow
Measure Identifier: CMS61v5

Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed

This eCQM requires the reporting of three Performance Rates



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

Ψ For a list of appropriate diagnosis active, please refer to the Population Criteria and associated value sets as specific data elements have not been listed.

▲ For a list of appropriate procedure performed, please refer to the Population Criteria and associated value sets as specific data elements have not been listed.

2014 eCQM Flow
Measure Identifier: CMS61v5

Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

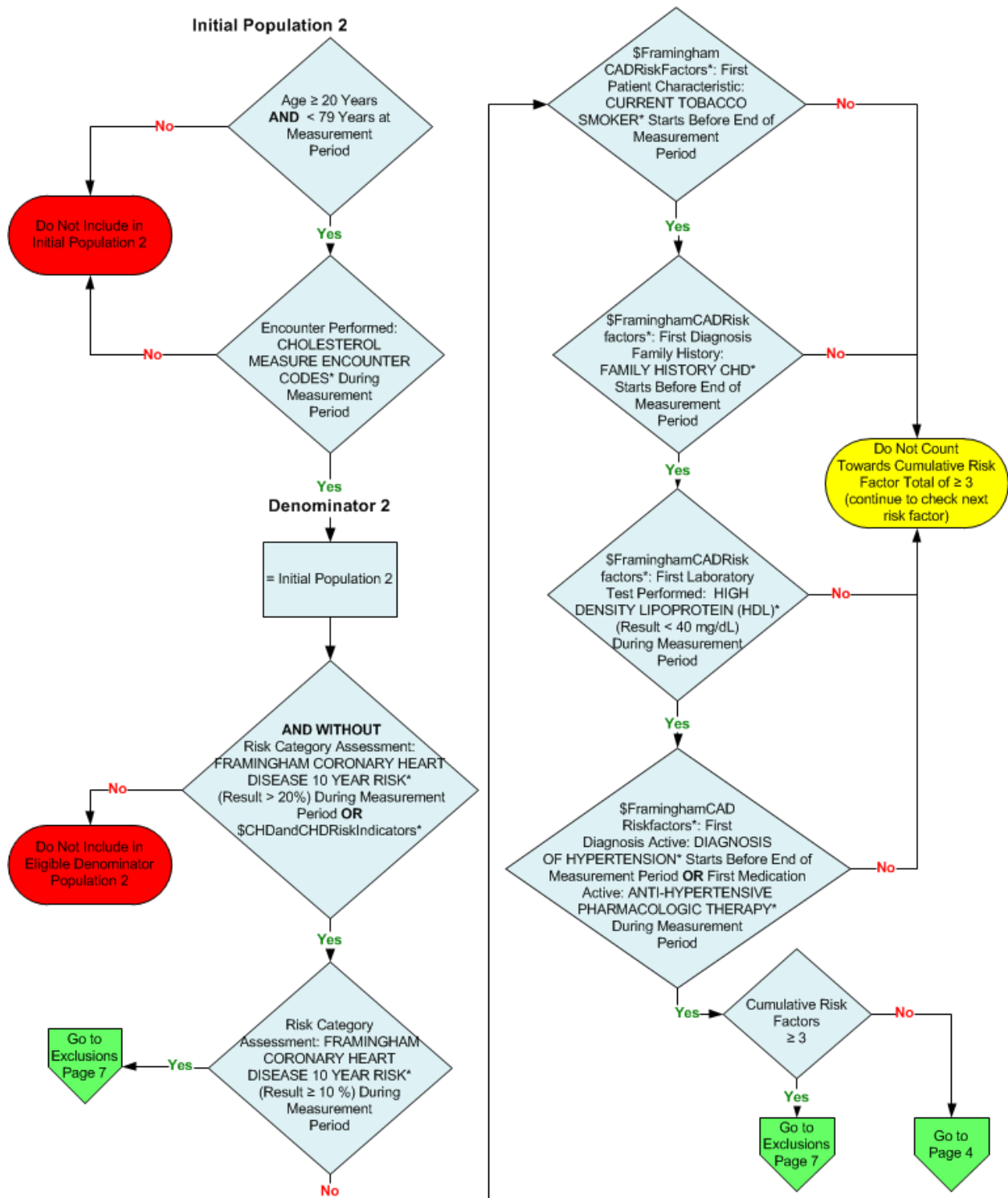
SAMPLE CALCULATION: *Combination of Initial Population 1; Denominator 1; Numerator 1*

Performance Rate 1=

$$\frac{\text{Numerator (a}^1 + \text{a}^2 = 4 \text{ patients)}}{\text{Denominator (b=10 patients) - Denominator Exclusions (c}^1 + \text{c}^2 = 2 \text{ patients) - Denominator Exceptions (d = 2 patients)}} = 66.67\%$$

2014 eCQM Flow
Measure Identifier: CMS61v5

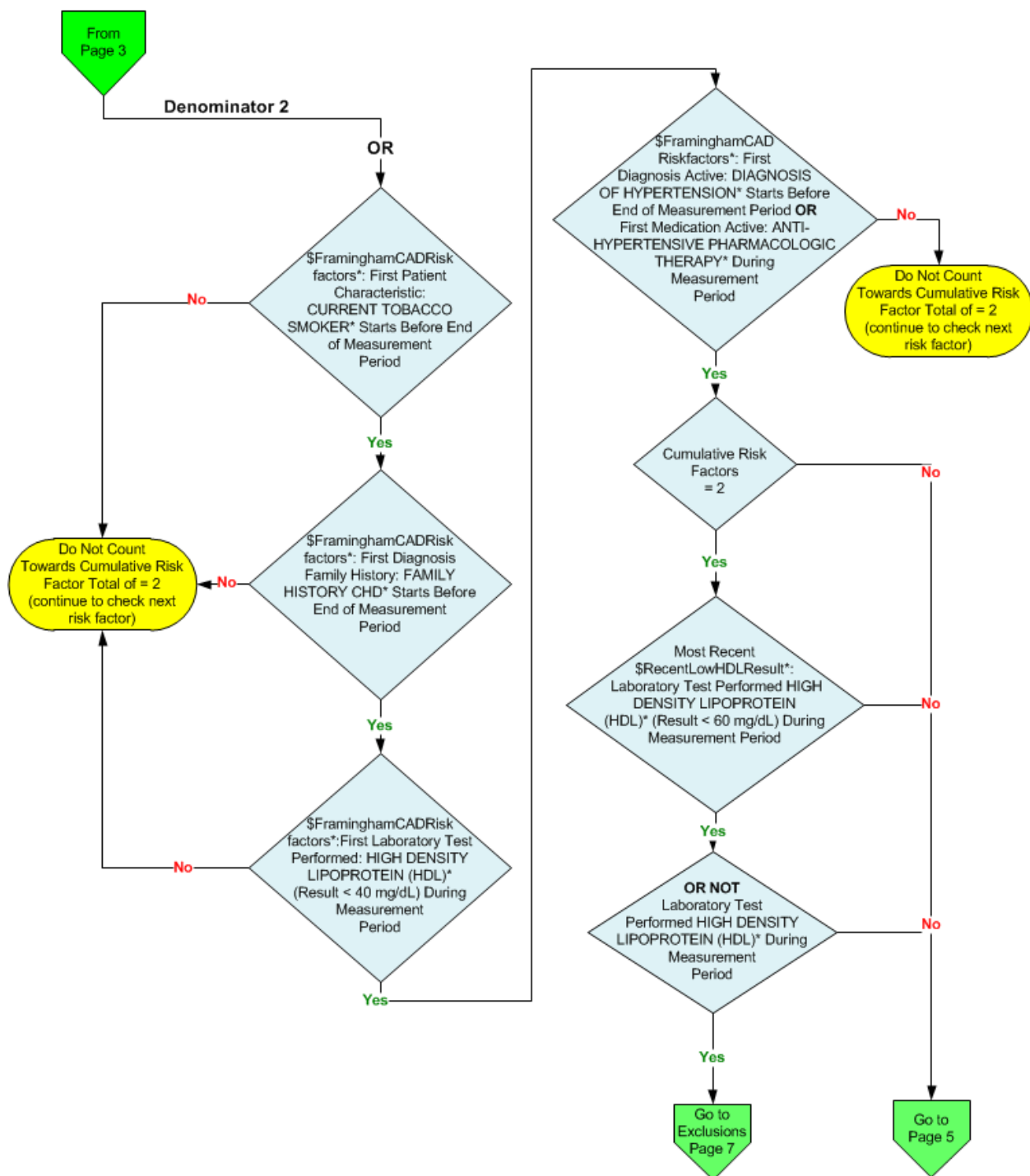
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eQCM Flow
Measure Identifier: CMS61v5

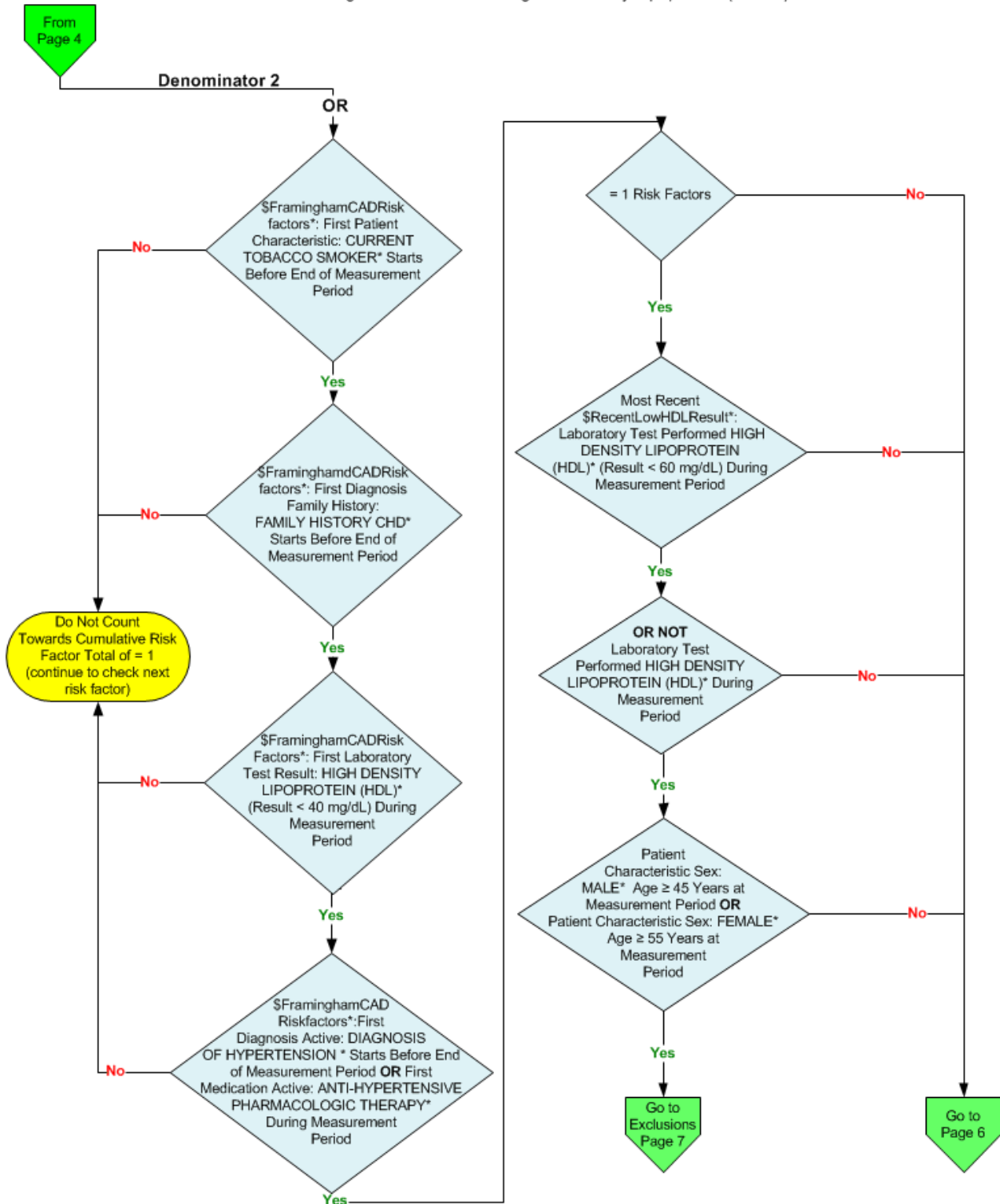
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eQCM to identify the QDM data elements and associated value sets for use in reporting this eQCM.

2014 eCQM Flow
Measure Identifier: CMS61v5

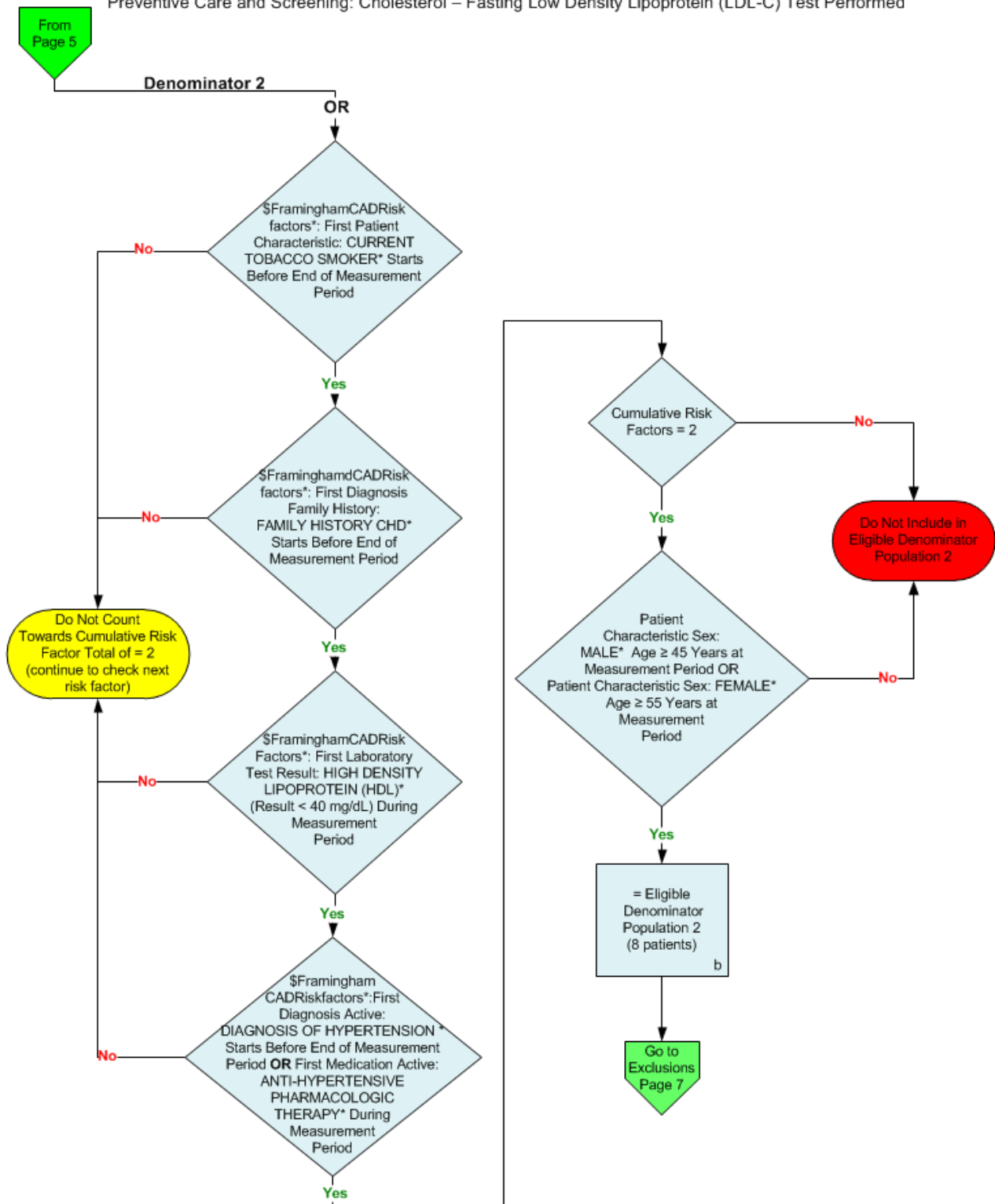
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

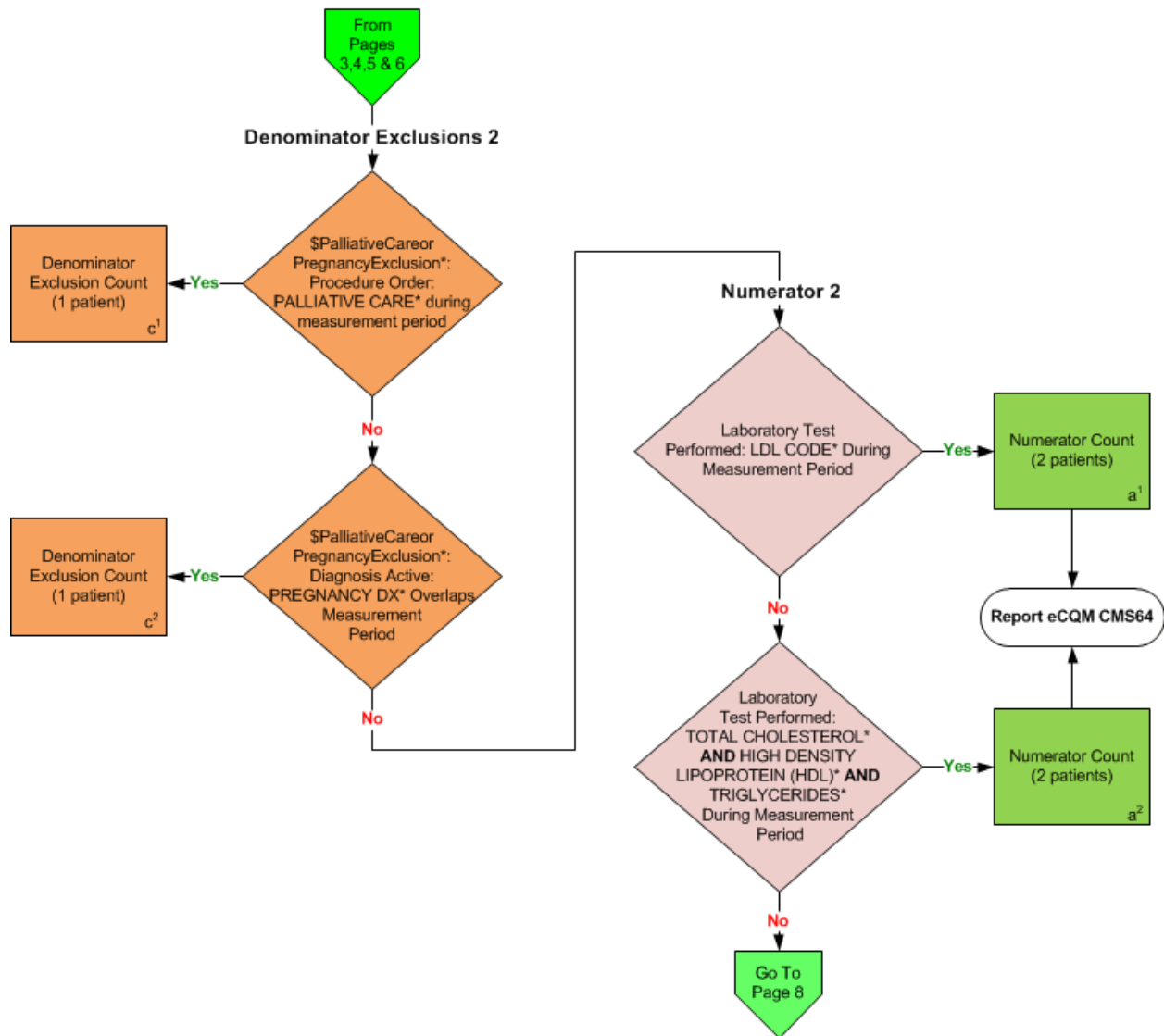
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

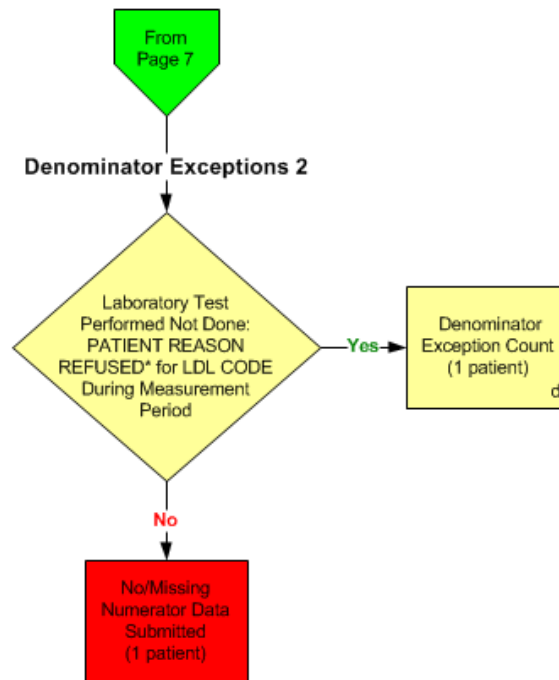
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

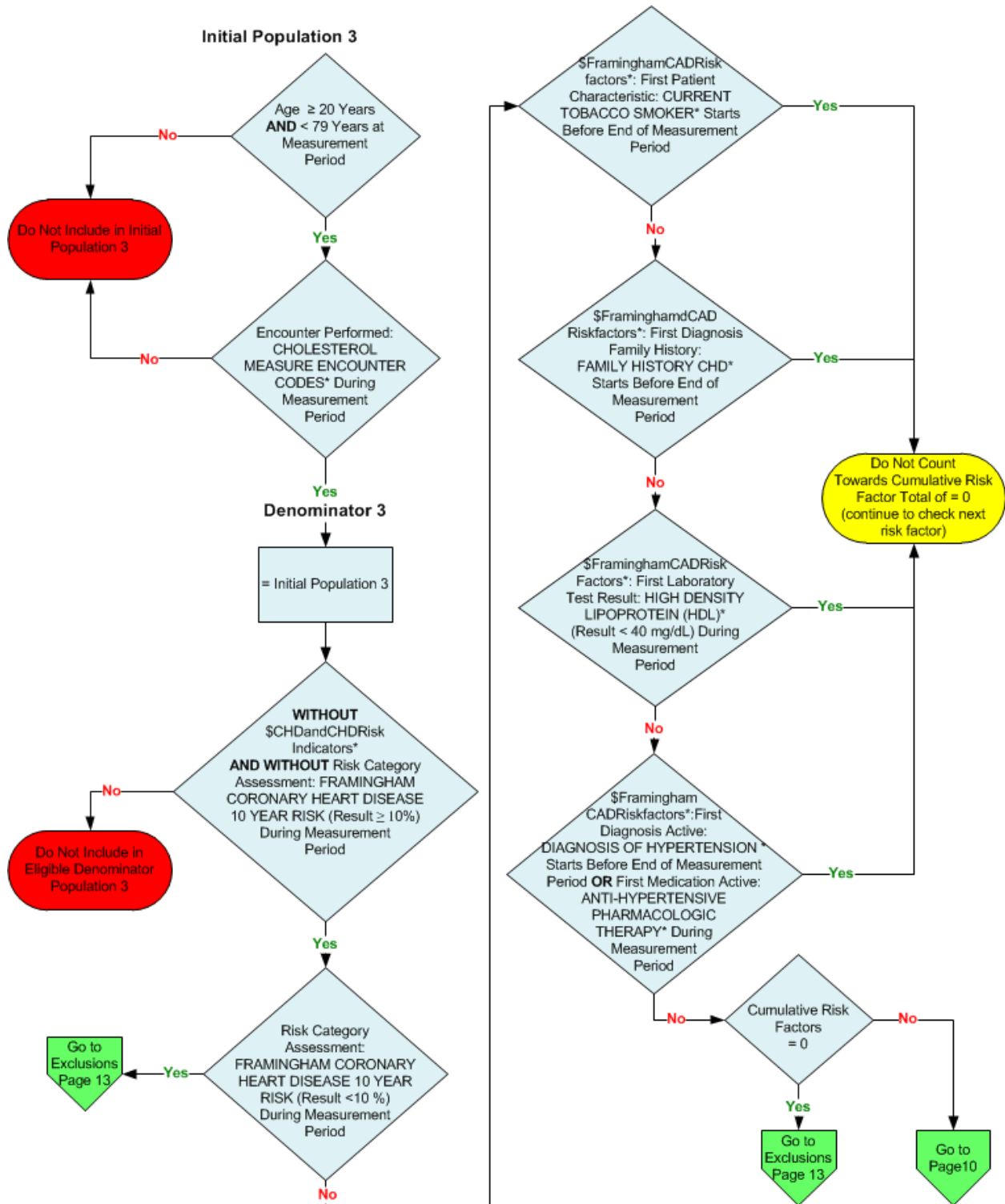
SAMPLE CALCULATION: *Combination of Initial Population 2; Denominator 2; Numerator 2*

Performance Rate 2=

$$\frac{\text{Numerator (a}^1 + \text{a}^2 = 4 \text{ patients)}}{\text{Denominator (b=8 patients) – Denominator Exclusions (c}^1 + \text{c}^2 = 2 \text{ patients) – Denominator Exceptions (d = 1 patient)}} = 80.00\%$$

2014 eCQM Flow
Measure Identifier: CMS61v5

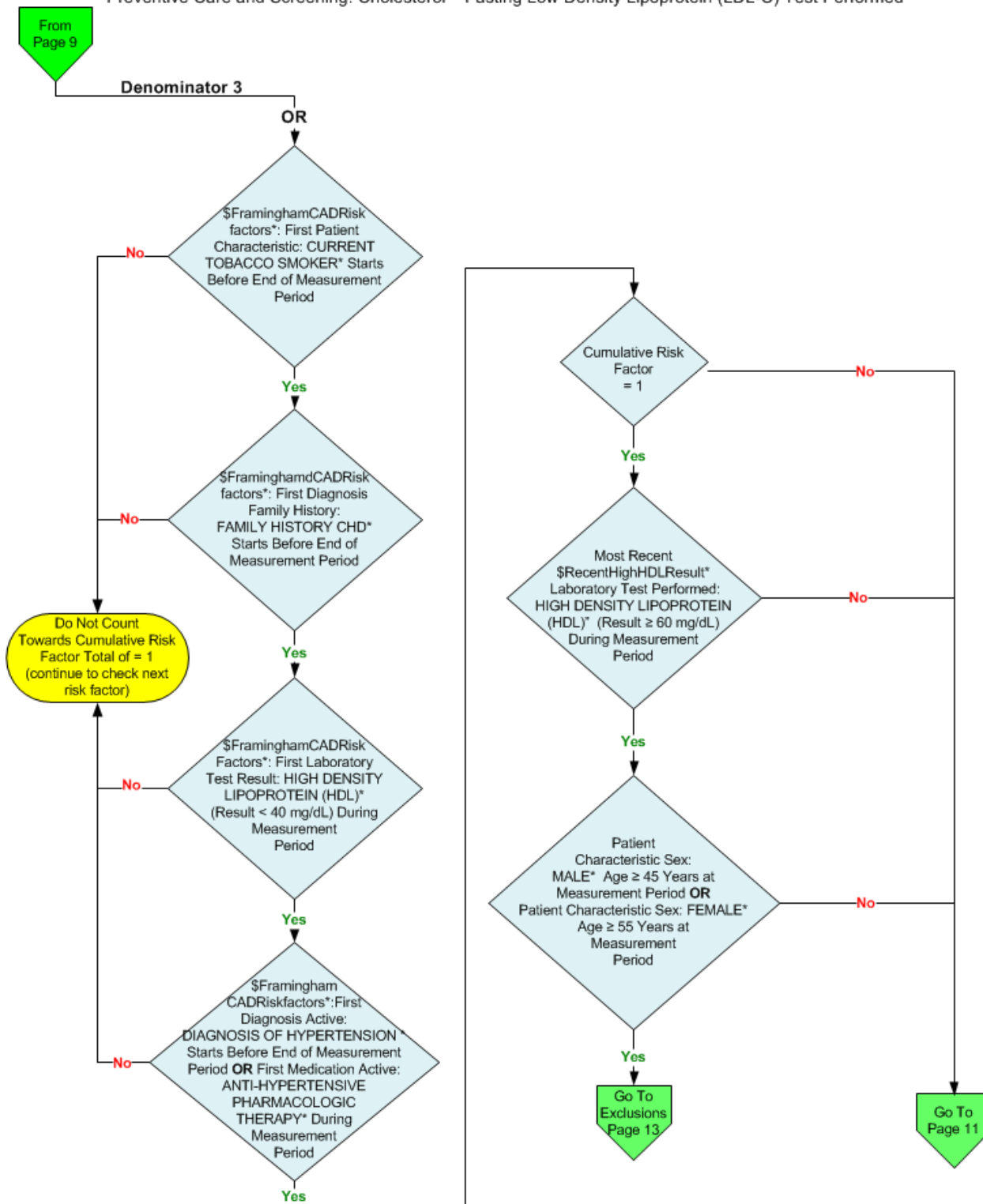
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

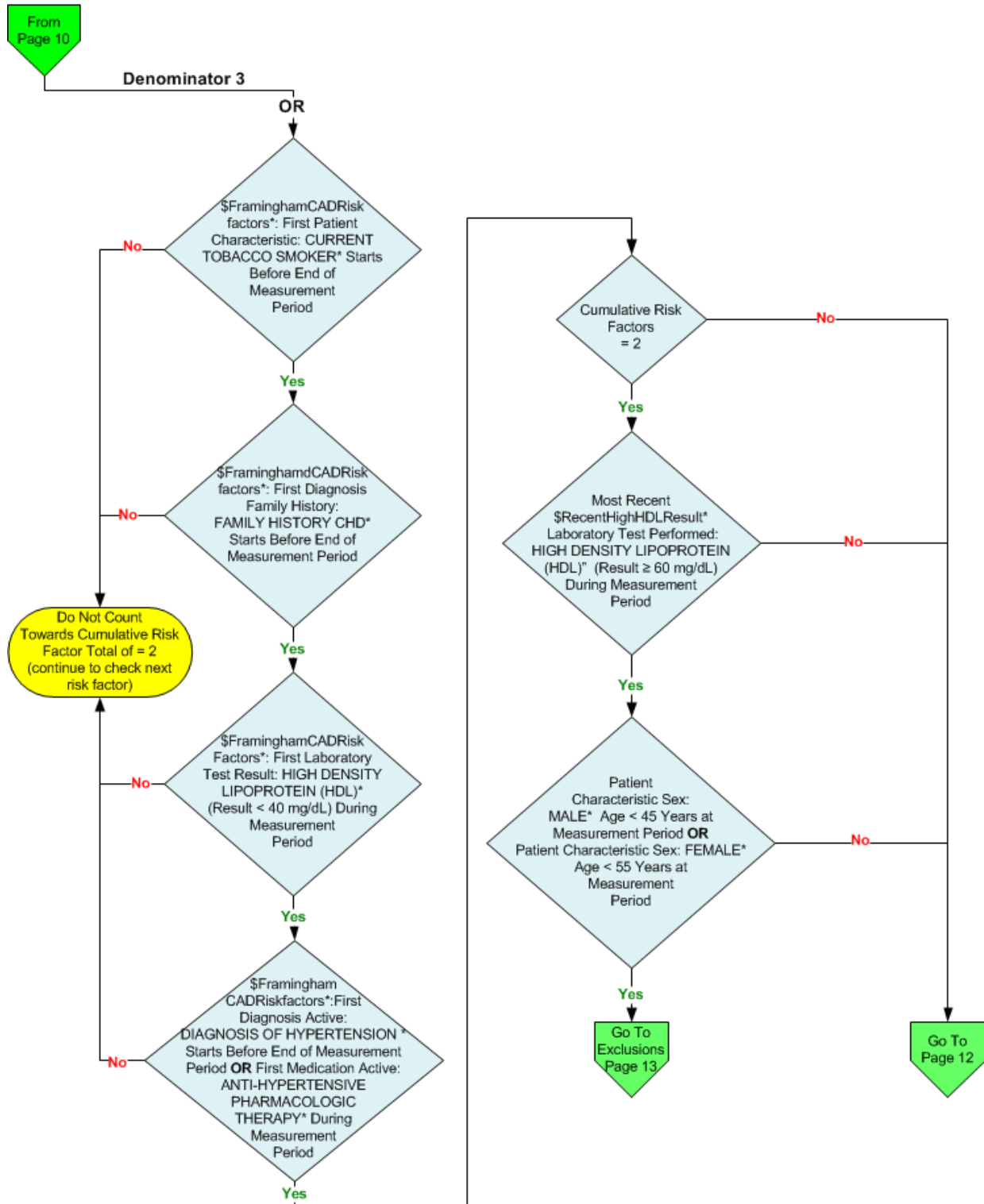
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

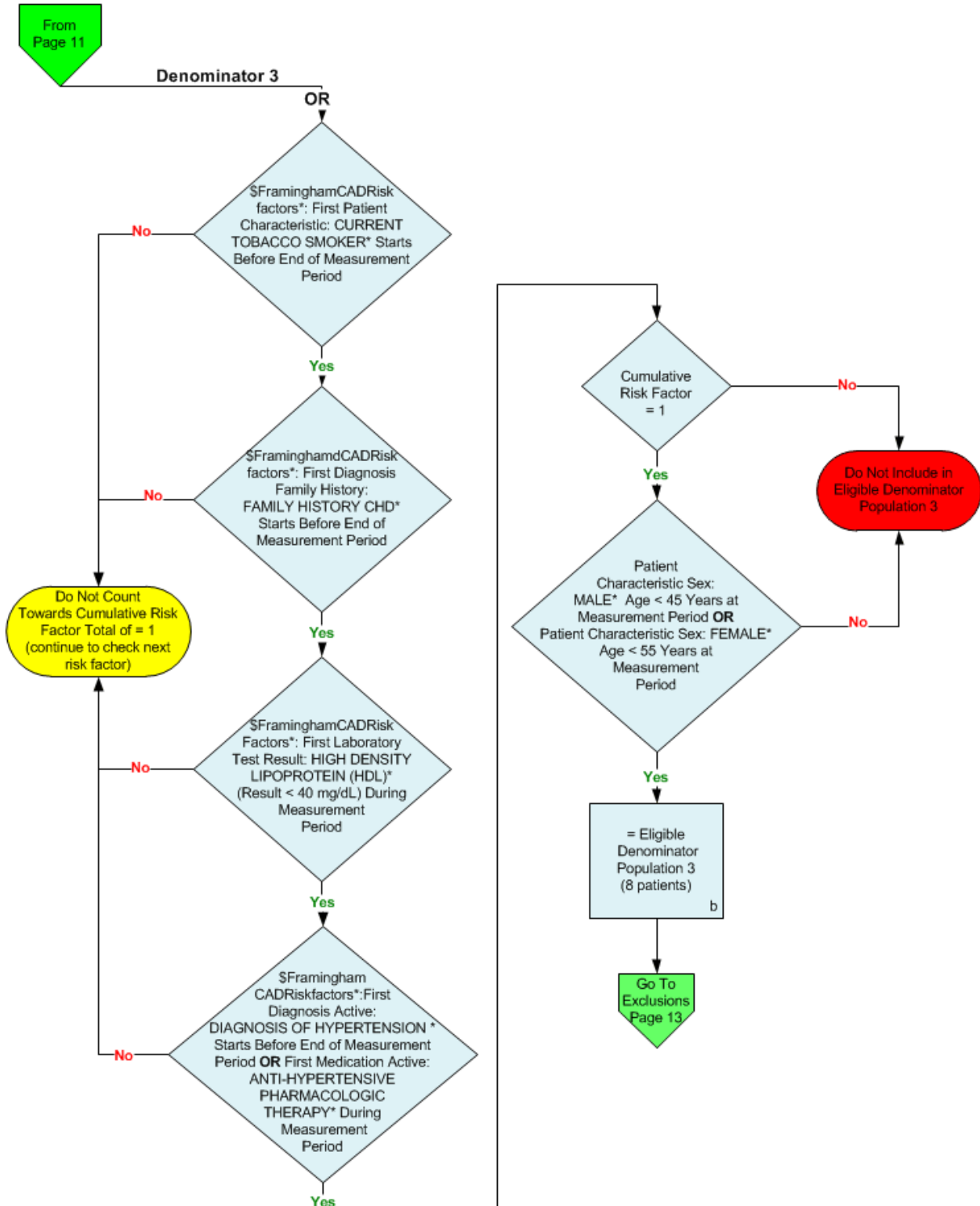
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

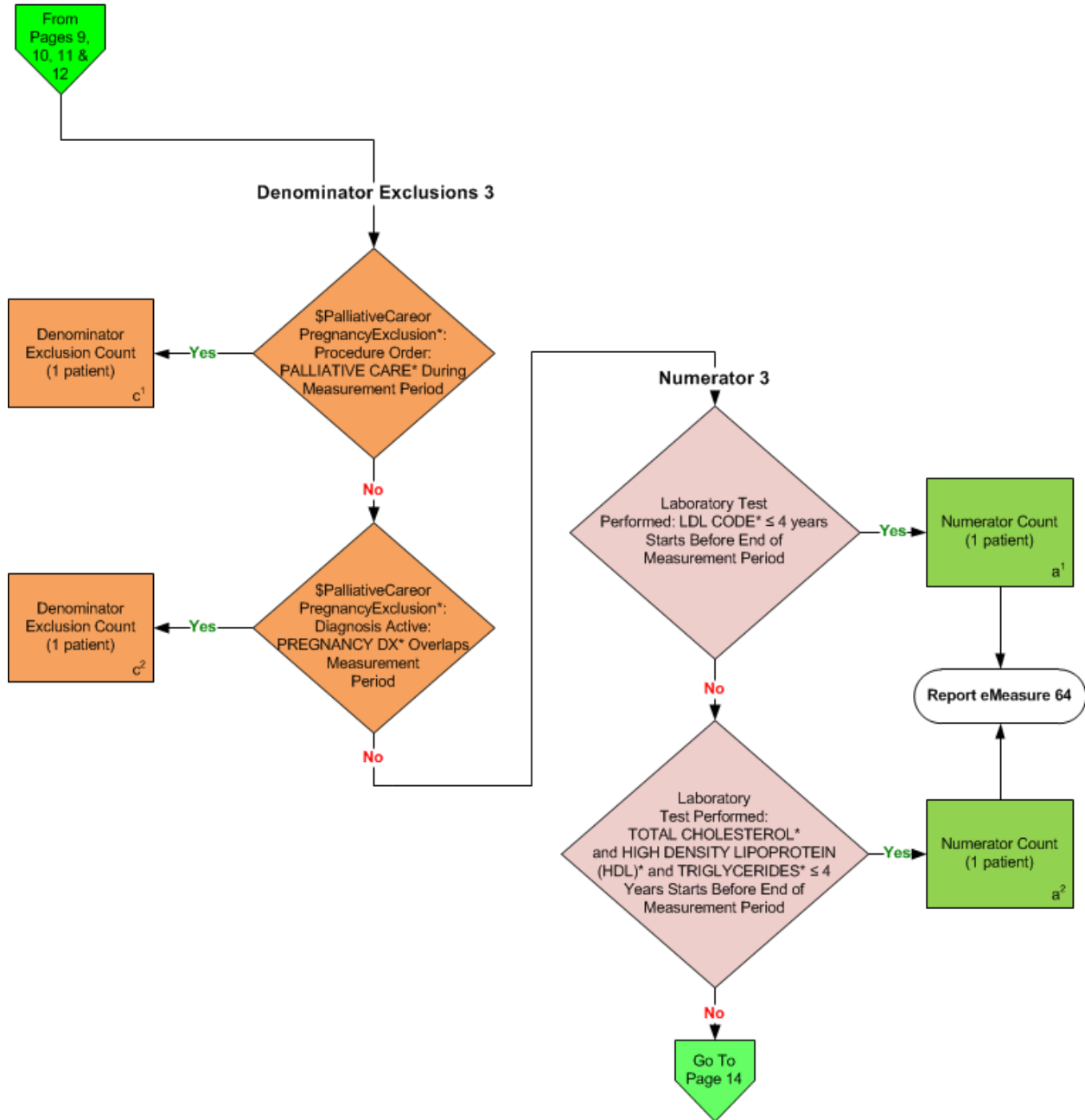
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

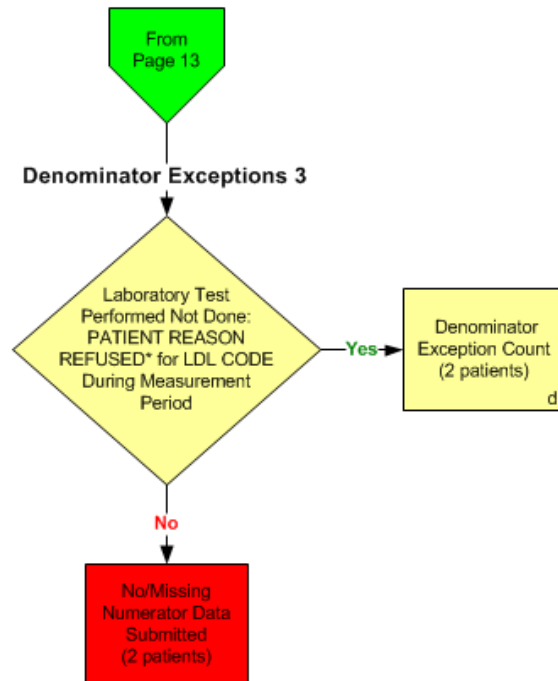
Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS61v5

Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C) Test Performed



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

SAMPLE CALCULATION: *Combination of Initial Population 3; Denominator 3; Numerator 3*

Performance Rate=

$$\frac{\text{Numerator } (a^1 + a^2 = 2 \text{ patients})}{\text{Denominator } (b=8 \text{ patients}) - \text{Denominator Exclusions } (c^1 + c^2 = 2 \text{ patients}) - \text{Denominator Exceptions } (d = 2 \text{ patients})} = 50.00\%$$

2014 eCQM Flows

Measure Identifier: CMS61v5

Preventive Care and Screening: Cholesterol – Fasting Low Density Lipoprotein (LDL-C)

Test Performed

This eCQM requires the reporting of three Performance Rates

Please refer to the specific section of the eCQM to identify the Population Criteria and associated value sets for use in reporting the eCQM.

1. Start Initial Population 1
2. Check Age:
 - a. If the AGE is greater than or equal to 20 years and less than 79 years at measurement period equals No, do not include in Initial Population 1 and stop processing.
 - b. If the AGE is greater than or equal to 20 years and less than 79 at measurement period equals Yes, continue processing and proceed to check Encounter Performed.
3. Check Encounter Performed:
 - a. If the Encounter Performed QDM data element, CHOLESTEROL MEASURE ENCOUNTER CODES, during measurement period equals Yes, continue processing and proceed to Denominator 1.
 - b. If the Encounter Performed QDM data element, CHOLESTEROL MEASURE ENCOUNTER CODES, during measurement period equals No, do not include in Initial Population 1. Stop Processing.
4. Start Denominator
 - a. Denominator 1 equals Initial Population 1, proceed to check \$CHDandCHDRiskindicators.
5. Check \$CHDandCHDRiskindicators, Diagnosis Active:
 - a. If \$CHDandCHDRiskindicators Diagnosis Active, QDM data element, ACUTE MYOCARDIAL INFRACTION, or QDM data element, HEMORRHAGIC STROKE, or QDM data element, ISHEMIC STROKE, or QDM data element, ISCHEMIC VASCULAR DISEASE, or QDM data element, CORONARY ARTERY DISEASE NO MI, or QDM data element, DIABETES, or QDM data element, ABDONIMAL AORTIC ANEURYSM, or QDM data element, PERIPHERAL ARTERIAL OR VASCULAR DISEASE, or Procedure Performed, QDM data element, PCI, or QDM data element, CABG SURGERIES, or QDM data element, CARTOID INTERVENTION, starts before end of measurement period equals Yes, include in Eligible Denominator Population 1 and proceed to Denominator Exclusions 1.
 - b. If \$CHDandCHDRiskindicators Diagnosis Active, QDM data element, ACUTE MYOCARDIAL INFRACTION, or QDM data element, HEMORRHAGIC STROKE, or QDM data element, ISHEMIC STROKE, or QDM data element, ISCHEMIC

- VASCULAR DISEASE, or QDM data element, CORONARY ARTERY DISEASE NO MI, or QDM data element, DIABETES, or QDM data element, ABDONIMAL AORTIC ANEURYSM, or QDM data element, PERIPHERAL ARTERIAL OR VASCULAR DISEASE, or Procedure Performed, QDM data element, PCI, or QDM data element, CABG SURGERIES, or QDM data element, CARTOID INTERVENTION, starts before end of measurement period equals No, proceed to check Risk Category Assessment.
6. Check Risk Category Assessment:
 - a. If the Risk Category Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than 20%), during the measurement period equals Yes, include in Eligible Denominator Population 1 and proceed to Denominator Exclusions 1.
 - b. If the Risk Category Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than 20%), during the measurement period equals No, do not include in Eligible Denominator Population 1 and proceed to check Initial Population 2.
 7. Start Eligible Denominator Population 1
 - a. Eligible Denominator Population 1 equals Initial Population 1 plus Eligible Denominator Population 1. The Eligible Denominator Population 1 is represented by Letter b in the sample calculation listed at the end of Population 1. Letter b equals 10 patients in the sample calculation.
 8. Start Denominator Exclusions 1
 9. Check \$PalliativeCareorPregnancyExclusions:
 - a. If \$PalliativeCareorPregnancyExclusions Procedure Order, QDM data element, PALLIATIVE CARE, during the measurement period equals Yes, include in Denominator Exclusions count. Denominator Exclusions are represented by the Letter c¹ in the sample calculation listed at the end of Population 1. Letter c¹ equals 1 patient in the sample calculation.
 - b. If \$PalliativeCareorPregnancyExclusions Procedure Order, QDM data element, PALLIATIVE CARE, during the measurement period equals No, proceed to check next \$PalliativeCareorPregnancyExclusions.
 10. Check \$PalliativeCareorPregnancyExclusion:
 - a. If \$PalliativeCareorPregnancyExclusions Diagnosis Active, QDM data element, PREGNANCY DX overlaps measurement period equals Yes, include in Denominator Exclusions count. Denominator Exclusions are represented by the Letter c2 in the sample calculation listed at the end of Population 1. Letter c2 equals 1 patient in the sample calculation.
 - b. If \$PalliativeCareorPregnancyExclusions Diagnosis Active, QDM data element, PREGNANCY DX overlaps measurement period equals No, proceed to Numerator 1.

11. Start Numerator 1

12. Check Laboratory Test Performed:

- a. If the Laboratory Test Performed QDM data element, LDL CODE, during measurement period equals Yes, include in Numerator count. Numerators are represented by the Letter a¹ in the sample calculation listed at the end of Population 1. Letter a¹ equals 2 patients in the sample calculation.
- b. If the Laboratory Test Performed QDM data element, LDL CODE, during measurement period equals No, proceed to check Laboratory Test Performed.

13. Check Laboratory Test Performed:

- a. If the Laboratory Test Performed QDM data element, TOTAL CHOLESTEROL, and QDM data element, HIGH DENSITY LIPOPROTEIN (HDL), and QDM data element, TRIGLYCERIDES, during measurement period equals Yes, include in Numerator count. Numerator is represented by the Letter a² in the sample calculation listed at the end of Population 1. Letter a² equals 2 patients in the sample calculation.
- b. If the Laboratory Test Performed QDM data element, TOTAL CHOLESTEROL, and QDM data element, HIGH DENSITY LIPOPROTEIN (HDL), and QDM data element, TRIGLYCERIDES, during measurement period equals No, proceed to Denominator Exceptions 1.

14. Start Denominator Exceptions 1

15. Check Laboratory Test Performed Not Done:

- a. If the Laboratory Test Performed Not Done QDM data element, PATIENT REASON REFUSED, for LDL CODE during measurement period equals Yes, include in Denominator Exceptions count. Denominator Exceptions are represented by the Letter d in the sample calculation listed at the end of Population 1. Letter d equals 2 patients in the sample calculation.
- b. If the Laboratory Test Performed Not Done QDM data element, PATIENT REASON REFUSED, for LDL CODE during measurement period equals No, include in No/Missing Numerator Data Submitted count and stop processing.

SAMPLE CALCULATION: *Combination of Initial Population 1; Denominator 1; Numerator 1*

Performance Rate 1=

$$\frac{\text{Numerator (a}^1 + \text{a}^2 = 4 \text{ patients)}}{\text{Denominator (b=10 patients) - Denominator Exclusions (c}^1 + \text{c}^2 = 2 \text{ patients) - Denominator Exceptions (d = 2 patients)}} = 66.67\%$$

1. Start Initial Population 2
2. Check Age:
 - a. If the AGE is greater than or equal to 20 years and less than 79 years at measurement period equals No, do not include in Initial Population 2 and stop processing.
 - b. If the AGE is greater than or equal to 20 years and less than 79 years at measurement period equals Yes, continue processing and proceed to check Encounter Performed.
3. Check Encounter Performed:
 - a. If the Encounter Performed QDM data element, CHOLESTEROL MEASURE ENCOUNTER CODES, during measurement period equals Yes, continue processing and proceed to check Denominator 2.
 - b. If the Encounter Performed QDM data element, CHOLESTEROL MEASURE ENCOUNTER CODES, during measurement period equals No, do not include in Initial Population 2 and stop processing.
4. Start Denominator 2
 - a. Denominator 2 equals Initial Population 2, proceed to check AND WITHOUT Risk Category Assessment.
5. AND WITHOUT Risk Category Assessment:
 - a. If WITHOUT Risk Category Assessment of QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than 20%) during measurement period OR \$CHDandCHDRiskIndicators (Diagnosis Active, QDM data element, ACUTE MYOCARDIAL INFRACTION, or QDM data element, HEMORRHAGIC STROKE, or QDM data element, ISHEMIC STROKE, or QDM data element, ISCHEMIC VASCULAR DISEASE, or QDM data element, CORONARY ARTERY DISEASE NO MI, or QDM data element, DIABETES, or QDM data element, ABDONIMAL AORTIC ANEURYSM, or QDM data element, PERIPHERAL ARTERIAL OR VASCULAR DISEASE, or Procedure Performed, QDM data element, PCI, or QDM data element, CABG SURGERIES, or QDM data element, CARTOID INTERVENTION, starts before end of measurement period) equals Yes, proceed to check Risk Category Assessment.
 - b. If WITHOUT Risk Category Assessment of QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than 20%) during measurement period OR \$CHDandCHDRiskIndicators (Diagnosis Active, QDM data element, ACUTE MYOCARDIAL INFRACTION, or QDM data element, HEMORRHAGIC STROKE, or QDM data element, ISHEMIC STROKE, or QDM data element, ISCHEMIC VASCULAR DISEASE, or QDM data element, CORONARY ARTERY DISEASE NO MI, or QDM data element, DIABETES, or QDM data element, ABDONIMAL AORTIC ANEURYSM, or QDM data element, PERIPHERAL ARTERIAL OR VASCULAR DISEASE, or Procedure Performed, QDM data element,

PCI, or QDM data element, CABG SURGERIES, or QDM data element, CARTOID INTERVENTION, starts before end of measurement period) equals No, do not include in Eligible Denominator Population 2.

6. Check Risk Category Assessment:
 - a. If the Risk Category Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than or equal to 10%), during measurement period equals Yes, proceed to check Denominator Exclusions.
 - b. If the Risk Category Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than or equal to 10%), during measurement period equals No, proceed to check Count greater than or equal to 3 of \$FraminghamCADRiskFactors, First Patient Characteristic
7. Check Count greater than or equal to 3 of \$FraminghamCADRiskFactors, First Patient Characteristics:
 - a. If \$FraminghamCADRiskFactors First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of greater than or equal to 3 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
 - b. If \$FraminghamCADRiskFactors First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of greater than or equal to 3 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
8. Check Count greater than or equal to 3 of \$FraminghamCADRiskFactors, First Diagnosis Family History.
 - a. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of greater than or equal to 3 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of greater than or equal to 3 and proceed to check next \$FraminghamCADRiskFactors, Laboratory Test Performed.
9. Check Count greater than or equal to 3 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
 - a. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of greater than or equal to 3 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
 - b. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during

measurement period equals No, do not count towards cumulative risk factor total of greater than or equal to 3 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.

10. Check Count greater than or equal to 3 of \$FraminghamCADRiskFactors, First Diagnosis Active:

- a. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of greater than or equal to 3 and proceed to check cumulative risk factor total.
- b. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of greater than or equal to 3 and proceed to check cumulative risk factor total.

11. Check Cumulative Risk Factor Total:

- a. If the cumulative risk factor total is greater than or equal to 3 proceed to check Denominator Exclusions.
- b. If the cumulative risk factor total is less than 3 proceed to check Count equals 2 of \$FraminghamCADRiskFactors.

12. Check Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic:

- a. If \$FraminghamCADRiskFactors, Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
- b. If \$FraminghamCADRiskFactors, Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History

13. Check Count equals 2 of \$FraminghamCADRiskFactors, First Diagnosis Family History:

- a. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors.
- b. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.

14. Check Count equals 2 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
 - a. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
 - b. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
15. Check Count equals 2 of \$FraminghamCADRiskFactors, First Diagnosis Active:
 - a. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR if First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR if First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check cumulative risk factor total.
16. Check Cumulative Risk Factor Total:
 - a. If the cumulative risk factor total equals 2 proceed to check Most Recent \$RecentLowHDLResult.
 - b. If the cumulative risk factor total does not equal 2 proceed to check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic.
17. Check Most Recent \$RecentLowHDLResult:
 - a. If the Most Recent \$RecentLowHDLResult Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 60 mg/dL), during measurement period equals Yes, proceed to OR NOT Laboratory Test Performed.
 - b. If the Most Recent \$RecentLowHDLResult Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 60 mg/dL), during measurement period equals No, proceed to check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic.
18. Check OR NOT Laboratory Test Performed:
 - a. If OR NOT Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) during the measurement period equals Yes, proceed to Denominator Exclusions.

- b. If OR NOT Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) during the measurement period equals No, proceed to Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic.
- 19. Check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic:
 - a. If \$FraminghamCADRiskFactors First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
 - b. If \$FraminghamCADRiskFactors First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History
- 20. Check Count equals 1 of \$FraminghamCADRiskFactors:
 - a. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
- 21. Check Count equals 1 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
 - a. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors.
 - b. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
- 22. Check Count equals 1 of \$FraminghamCADRiskFactors, First Diagnosis Active:
 - a. If \$FraminghamCADRiskFactors, First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count

towards cumulative risk factor total of 1 and proceed to check cumulative risk factor total.

23. Check Cumulative Risk Factor Total:

- a. If the cumulative risk factor total equals 1 proceed to check Most Recent \$RecentLowHDLResult.
- b. If the cumulative risk factor total does not equal 1 proceed to check Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.

24. Check Most Recent \$RecentLowHDLResult, Laboratory Test Performed:

- a. If Most Recent \$RecentLowHDLResult Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 60 mg/dL), during measurement period equals Yes, proceed to OR NOT Laboratory Test Performed.
- b. If Most Recent \$RecentLowHDLResult Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 60 mg/dL), during measurement period equals No, proceed to check Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.

25. Check OR NOT Laboratory Test Performed:

- a. If OR NOT Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) during the measurement period equals Yes, proceed to check Patient Characteristic Sex and Age.
- b. If OR NOT Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) during the measurement period equals No, proceed to Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.

26. Check Patient Characteristic Sex and Age:

- a. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals Yes, proceed to Denominator Exclusions.
- b. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals No, proceed to Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.

27. Check Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic:

- a. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
- b. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.

28. Check Count equals 2 of \$FraminghamCADRiskFactors, First Diagnosis Family History:
- a. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
29. Check Count equals 2 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
- a. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
 - b. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
30. Check Count equals 2 of \$FraminghamCADRiskFactors, First Diagnosis Active:
- a. If \$FraminghamCADRiskFactors, First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check cumulative risk factor total.
31. Check Cumulative Risk Factor Total:
- a. If the cumulative risk factor total equals 2 proceed to check Patient Characteristic Sex and Age.
 - b. If the cumulative risk factor total does not equal 2 do not include in Eligible Denominator Population 2. Stop Processing.
32. Check Patient Characteristic Sex and Age:
- a. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement

- period equals Yes, include in Eligible Population 2 and proceed to Denominator Exclusions.
- b. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals No, do not include in Eligible Denominator Population 2. Stop Processing.
33. Start Eligible Denominator Population 2
- a. Eligible Denominator Population 2 is represented by Letter b in the sample calculation listed at the end of Population 2. Letter b equals 8 patients in the sample calculation.
34. Start Denominator Exclusions 2
35. Check \$PalliativeCareorPregnancyExclusions, Procedure Order:
- a. If \$PalliativeCareorPregnancyExclusions Procedure Order, QDM data element, PALLIATIVE CARE, during the measurement period equals Yes, include in Denominator Exclusions count. Denominator Exclusions are represented by the Letter c¹ in the sample calculation listed at the end of Population 1. Letter c¹ equals 1 patient in the sample calculation.
 - b. If \$PalliativeCareorPregnancyExclusions Procedure Order, QDM data element, PALLIATIVE CARE, during the measurement period equals No, proceed to check next \$PalliativeCareorPregnancyExclusions.
36. Check \$PalliativeCareorPregnancy Exclusion, Diagnosis Active:
- a. If \$PalliativeCareorPregnancyExclusions Diagnosis Active, QDM data element, PREGNANCY DX overlaps measurement period equals Yes, include in Denominator Exclusions count. Denominator Exclusions are represented by the Letter c² in the sample calculation listed at the end of Population 1. Letter c² equals 1 patient in the sample calculation.
 - b. If \$PalliativeCareorPregnancyExclusions Diagnosis Active, QDM data element, PREGNANCY DX overlaps measurement period equals No, proceed to Numerator 2.
37. Start Numerator 2
38. Check Laboratory Test Performed:
- a. If the Laboratory Test Performed QDM data element, LDL CODE, during measurement period equals Yes, include in Numerator count. Numerator is represented by the Letter a¹ in the sample calculation listed at the end of Population 2. Letter a¹ equals 2 patients in the sample calculation.
 - b. If the Laboratory Test Performed QDM data element, LDL CODE, during measurement period equals No, proceed to check Laboratory Test Performed.
39. Check Laboratory Test Performed:

- a. If the Laboratory Test Performed QDM data element, TOTAL CHOLESTEROL, and QDM data element, HIGH DENSITY LIPOPROTEIN (HDL), and QDM data element, TRIGLYCERIDES during the measurement period equals Yes, include in Numerator count. Numerator 2 is represented by the Letter a² in the sample calculation listed at the end of Population 2. Letter a² equals 2 patients in the sample calculation.
- b. If the Laboratory Test Performed QDM data element, TOTAL CHOLESTEROL, and QDM data element, HIGH DENSITY LIPOPROTEIN (HDL), and QDM data element, TRIGLYCERIDES during the measurement period equals No, proceed to Denominator Exceptions 2.

40. Start Denominator Exceptions 2

41. Check Laboratory Test Performed Not Done:

- a. If the Laboratory Test Performed Not Done QDM data element, PATIENT REASON REFUSED, for LDL Code during measurement period equals Yes, include in Denominator Exceptions count. Exceptions are represented by the Letter d in the sample calculation listed at the end of Population 2. Letter d equals 1 patient in the sample calculation.
- b. If the Laboratory Test Performed Not Done QDM data element, PATIENT REASON REFUSED, for LDL Code during measurement period equals No, include in No/Missing Numerator Data Submitted count. Stop Processing.

SAMPLE CALCULATION: *Combination of Initial Population 2; Denominator 2; Numerator 2*

Performance Rate 2=

$$\frac{\text{Numerator (a}^1 + \text{a}^2 = 4 \text{ patients)}}{\text{Denominator (b=8 patients) - Denominator Exclusions (c}^1 + \text{c}^2 = 2 \text{ patients) - Denominator Exceptions (d = 1 patient)}} = 80.00\%$$

1. Start Initial Population 3
2. Check Age:
 - a. If the AGE is greater than or equal to 20 years and less than 79 years at measurement period equals No, do not include in Initial Population 2 and stop processing.
 - b. If the AGE is greater than or equal to 20 years and less than 79 years at measurement period equals Yes, continue processing and proceed to check Encounter Performed.
3. Check Encounter Performed:
 - a. If the Encounter Performed QDM data element, CHOLESTEROL MEASURE ENCOUNTER CODES, during measurement period equals Yes, continue processing and proceed to check Denominator 3.
 - b. If the Encounter Performed QDM data element, CHOLESTEROL MEASURE ENCOUNTER CODES during measurement period equals No, do not include in Initial Population 3 and stop processing.
4. Start Denominator 3
 - a. Denominator 3 equals Initial Population 3, proceed to check WITHOUT \$ CHDandCHDIndicators AND WITHOUT Risk Category Assessment.
5. Check WITHOUT \$CHDandCHDIndicators AND WITHOUT Risk Category Assessment:
 - a. If WITHOUT \$CHDandCHDRiskIndicators Diagnosis Active QDM data element, ACUTE MYOCARDIAL INFRACTION, or QDM data element, HEMORRHAGIC STROKE, or QDM data element, ISHEMIC STROKE, or QDM data element, ISCHEMIC VASCULAR DISEASE, or QDM data element, CORONARY ARTERY DISEASE NO MI, or QDM data element, DIABETES, or QDM data element, ABDONIMAL AORTIC ANEURYSM, or QDM data element, PERIPHERAL ARTERIAL OR VASCULAR DISEASE, or Procedure Performed, QDM data element, PCI, or QDM data element, CABG SURGERIES, or QDM data element, CARTOID INTERVENTION, starts before end of measurement period AND WITHOUT Risk Category Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than or equal to 10%) during measurement period equals Yes, proceed to check Risk Category Assessment.
 - b. If WITHOUT \$CHDandCHDRiskIndicators Diagnosis Active, QDM data element, ACUTE MYOCARDIAL INFRACTION, or QDM data element, HEMORRHAGIC STROKE, or QDM data element, ISHEMIC STROKE, or QDM data element, ISCHEMIC VASCULAR DISEASE, or QDM data element, CORONARY ARTERY DISEASE NO MI, or QDM data element, DIABETES, or QDM data element, ABDONIMAL AORTIC ANEURYSM, or QDM data element, PERIPHERAL ARTERIAL OR VASCULAR DISEASE, or Procedure Performed, QDM data element, PCI, or QDM data element, CABG SURGERIES, or QDM data element, CARTOID INTERVENTION, starts before end of measurement period) AND WITHOUT Risk

Category Assessment of the QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (result greater than or equal to 10%) during measurement period equals No, do not include in Eligible Population. Stop Processing.

6. Check Risk Category Assessment:

- a. If the Risk Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (Result less than 10%), during measurement period equals Yes, proceed to check Denominator Exclusions.
- b. If the Risk Assessment QDM data element, FRAMINGHAM CORONARY HEART DISEASE 10 YEAR RISK (Result less than 10%), during measurement period equals No, proceed to check Count equals to 0 of \$FraminghamCADRiskFactors, First Patient Characteristic.

7. Check Count equals 0 of \$FraminghamCADRiskFactors, First Patient Characteristic:

- a. If \$FraminghamCADRiskFactors First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 0 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
- b. If \$FraminghamCADRiskFactors First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 0 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.

8. Check Count equals 0 of \$FraminghamCADRiskFactors, First Diagnosis Family History:

- a. If \$FraminghamCADRiskFactors First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 0 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
- b. If \$FraminghamCADRiskFactors First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 0 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.

9. Check Count equals 0 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:

- a. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 0 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
- b. If \$FraminghamCADRiskFactors First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 0 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.

10. Check Count equals 0 of \$FraminghamCADRiskFactors, First Diagnosis Active:
- a. If \$FraminghamCADRiskFactors, First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 0 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of 0 and proceed to check cumulative risk factor total.
11. Check Cumulative Risk Factor Total:
- a. If the cumulative risk factor total equals 0 proceed to Denominator Exclusions.
 - b. If the cumulative risk factor total does not equal 0 proceed to check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic.
12. Check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic:
- a. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
 - b. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
13. Check Count equals 1 of \$FraminghamCADRiskFactors, First Diagnosis Family History:
- a. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
 - b. If First QDM data element of Diagnosis Family History FAMILY HISTORY CHD starts before end of measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
14. Check Count equals 1 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
- a. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.

- b. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
- 15. Check Count equals 1 of \$FraminghamCADRiskFactors, First Diagnosis Active:
 - a. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check cumulative risk factor total.
- 16. Check Cumulative Risk Factor Total:
 - a. If the cumulative risk factor total equals 1 proceed to check Most Recent \$RecentHighHDLResult.
 - b. If the cumulative risk factor total does not equal 1 proceed to check Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.
- 17. Check Most Recent \$RecentHighHDLResult:
 - a. If Most Recent \$RecentHighHDLResult Laboratory Test Performed, QDM data element, HIGH DENSITY LIPOPROTEIN [HDL], (result greater than or equal to 60 mg/dL) during measurement period equals Yes, proceed to Patient Characteristic Sex and Age.
 - b. If Most Recent \$RecentHighHDLResult Laboratory Test Performed, QDM data element, HIGH DENSITY LIPOPROTEIN [HDL], (result greater than or equal to 60 mg/dL) during measurement period equals No, proceed to Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.
- 18. Check Patient Characteristic Sex and Age:
 - a. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals Yes, proceed to check Denominator Exclusions.
 - b. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals No, proceed to Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic.
- 19. Check Count equals 2 of \$FraminghamCADRiskFactors, First Patient Characteristic:

- a. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
 - b. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
20. Check Count equals 2 of \$FraminghamCADRiskFactors, First Diagnosis Family History:
- a. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
21. Check Count equals 2 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
- a. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
 - b. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
22. Check Count equals 2 of \$FraminghamCADRiskFactors, First Diagnosis Active:
- a. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 2 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors First Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of 2 and proceed to check cumulative risk factor total.
23. Check Cumulative Risk Factor Total:

- a. If the cumulative risk factor total equals 2 proceed to check Most Recent \$RecentHighHDLResult, Laboratory Test Performed.
- b. If the cumulative risk factor total does not equal 2 proceed to check Count equals 2 proceed to check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic.

24. Check Most Recent \$RecentHighHDLResult, Laboratory Test Performed:

- a. If Most Recent \$RecentHighHDLResult Laboratory Test Performed, QDM data element, HIGH DENSITY LIPOPROTEIN [HDL], (result greater than or equal to 60 mg/dL) during measurement period) equals Yes, proceed to Patient Characteristic Sex and Age.
- b. If Most Recent \$RecentHighHDLResult Laboratory Test Performed, QDM data element, HIGH DENSITY LIPOPROTEIN [HDL], (result greater than or equal to 60 mg/dL) during measurement period) equals No, proceed to Count equals 1 of \$FraminghamCADRiskFactors, Patient Characteristic.

25. Check Patient Characteristic Sex and Age:

- a. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals Yes, proceed to check Denominator Exclusions.
- b. If Sex is MALE and AGE is greater than or equal to 45 years at measurement period or Sex is FEMALE and AGE greater than or equal to 55 years at measurement period equals No, proceed to Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic.

26. Check Count equals 1 of \$FraminghamCADRiskFactors, First Patient Characteristic:

- a. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.
- b. If \$FraminghamCADRiskFactors, First Patient Characteristic QDM data element, CURRENT TOBACCO SMOKER, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Family History.

27. Check Count equals 1 of \$FraminghamCADRiskFactors, First Diagnosis Family History:

- a. If \$FraminghamCADRiskFactors First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.
- b. If \$FraminghamCADRiskFactors First Diagnosis Family History QDM data element, FAMILY HISTORY CHD, starts before end of measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Laboratory Test Performed.

28. Check Count equals 1 of \$FraminghamCADRiskFactors, First Laboratory Test Performed:
- a. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
 - b. If \$FraminghamCADRiskFactors, First Laboratory Test Performed QDM data element, HIGH DENSITY LIPOPROTEIN (HDL) (result less than 40 mg/dL), during measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check next \$FraminghamCADRiskFactors, First Diagnosis Active.
29. Check Count equals 1 of \$FraminghamCADRiskFactors, First Diagnosis Active:
- a. If \$FraminghamCADRiskFactors, First Diagnosis Active First QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals Yes, include in cumulative risk factor total of 1 and proceed to check cumulative risk factor total.
 - b. If \$FraminghamCADRiskFactors, First Diagnosis Active First QDM data element, DIAGNOSIS OF HYPERTENSION, starts before end of measurement period, OR First Medication Active QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, during measurement period equals No, do not count towards cumulative risk factor total of 1 and proceed to check cumulative risk factor total.
30. Check Cumulative Risk Factor Total:
- a. If the cumulative risk factor total equals 1 proceed to check Patient Characteristic Sex and Age
 - b. If the cumulative risk factor total does not equal 1 proceed to check do not include in Eligible Population 3. Stop Processing.
31. Check Patient Characteristic Sex and Age:
- a. If Sex is MALE and AGE less than 45 years at measurement period or Sex is FEMALE and AGE less than 55 years at measurement period equals Yes, include in Eligible Population 3 and proceed to Denominator Exclusions.
 - b. If Sex is MALE and AGE less than 45 years at measurement period or Sex is FEMALE and AGE less than 55 years at measurement period equals No, do not include Eligible Population. Stop Processing.
32. Start Eligible Denominator Population 3
- a. Eligible Denominator Population 3 is represented by Letter b in the sample calculation listed at the end of Population 3. Letter b equals 8 patients in the sample calculation.
33. Start Denominator Exclusions 3

34. Check \$PalliativeCareorPregnancyExclusions, Procedure Order:

- a. If \$PalliativeCareorPregnancyExclusions Procedure Order, QDM data element, PALLIATIVE CARE, during the measurement period equals Yes, include in Denominator Exclusions count. Denominator Exclusions are represented by the Letter c¹ in the sample calculation listed at the end of Population 3. Letter c¹ equals 1 patient in the sample calculation.
- b. If \$PalliativeCareorPregnancyExclusions Procedure Order, QDM data element, PALLIATIVE CARE, during the measurement period equals No, proceed to check next \$PalliativeCareorPregnancyExclusions, Diagnosis Active.

35. Check \$PalliativeCareorPregnancyExclusions, Diagnosis Active:

- a. If \$PalliativeCareorPregnancyExclusions Diagnosis Active, QDM data element, PREGNANCY Dx overlaps measurement period equals Yes, include in Denominator Exclusions count. Denominator Exclusions are represented by the Letter c2 in the sample calculation listed at the end of Population 3. Letter c2 equals 1 patient in the sample calculation.
- b. If \$PalliativeCareorPregnancyExclusions Diagnosis Active, QDM data element, PREGNANCY Dx overlaps measurement period equals No, proceed to Numerator 3.

36. Start Numerator 3

37. Check Laboratory Test Performed:

- a. If the Laboratory Test Performed QDM data element, LDL CODE, less than or equal to 4 years starts before end of measurement period equals Yes, include in Numerator 3 count. Numerator is represented by the Letter a¹ in the sample calculation listed at the end of Population 3. Letter a¹ equals 1 patient in the sample calculation.
- b. If the Laboratory Test Performed QDM data element, LDL CODE, less than or equal to 4 years starts before end of measurement period equals No, proceed to check next Laboratory Test Performed.

38. Check Laboratory Test Performed:

- a. If the Laboratory Test Performed QDM data element, TOTAL CHOLESTEROL, and QDM data element, HIGH DENSITY LIPOPROTEIN (HDL), and QDM data element, TRIGLYCERIDES less than or equal to 4 years starts before end of measurement period equals Yes, include in Numerator 3 count. Numerators are represented by the Letter a² in the sample calculation listed at the end of Population 3. Letter a² equals 1 patient in the sample calculation.
- b. If the Laboratory Test Performed QDM data element, TOTAL CHOLESTEROL, and QDM data element, HIGH DENSITY LIPOPROTEIN (HDL), and QDM data element, TRIGLYCERIDES less than or equal to 4 years starts before end of measurement period equals No, proceed to Denominator Exceptions 3.

39. Start Denominator Exceptions 3

40. Check Laboratory Test Performed Not Done:

- a. If the Laboratory Test Performed Not Done QDM data element, PATIENT REASON REFUSED, for LDL Code during measurement period equals Yes, include in Denominator Exceptions count. Exceptions are represented by the Letter d in the sample calculation listed at the end of Population 3. Letter d equals 2 patients in the sample calculation.
- b. If the Laboratory Test Performed Not Done QDM data element, PATIENT REASON REFUSED, for LDL Code during measurement period equals No, include in No/Missing Numerator Data Submitted count and stop processing.

SAMPLE CALCULATION: *Combination of Initial Population 3; Denominator 3; Numerator 3*

Performance Rate=

$$\frac{\text{Numerator (a}^1 + \text{a}^2 = 2 \text{ patients)}}{\text{Denominator (b=8 patients) - Denominator Exclusions (c}^1 + \text{c}^2 = 2 \text{ patients) - Denominator Exceptions (d = 2 patients)}} = 50.00\%$$