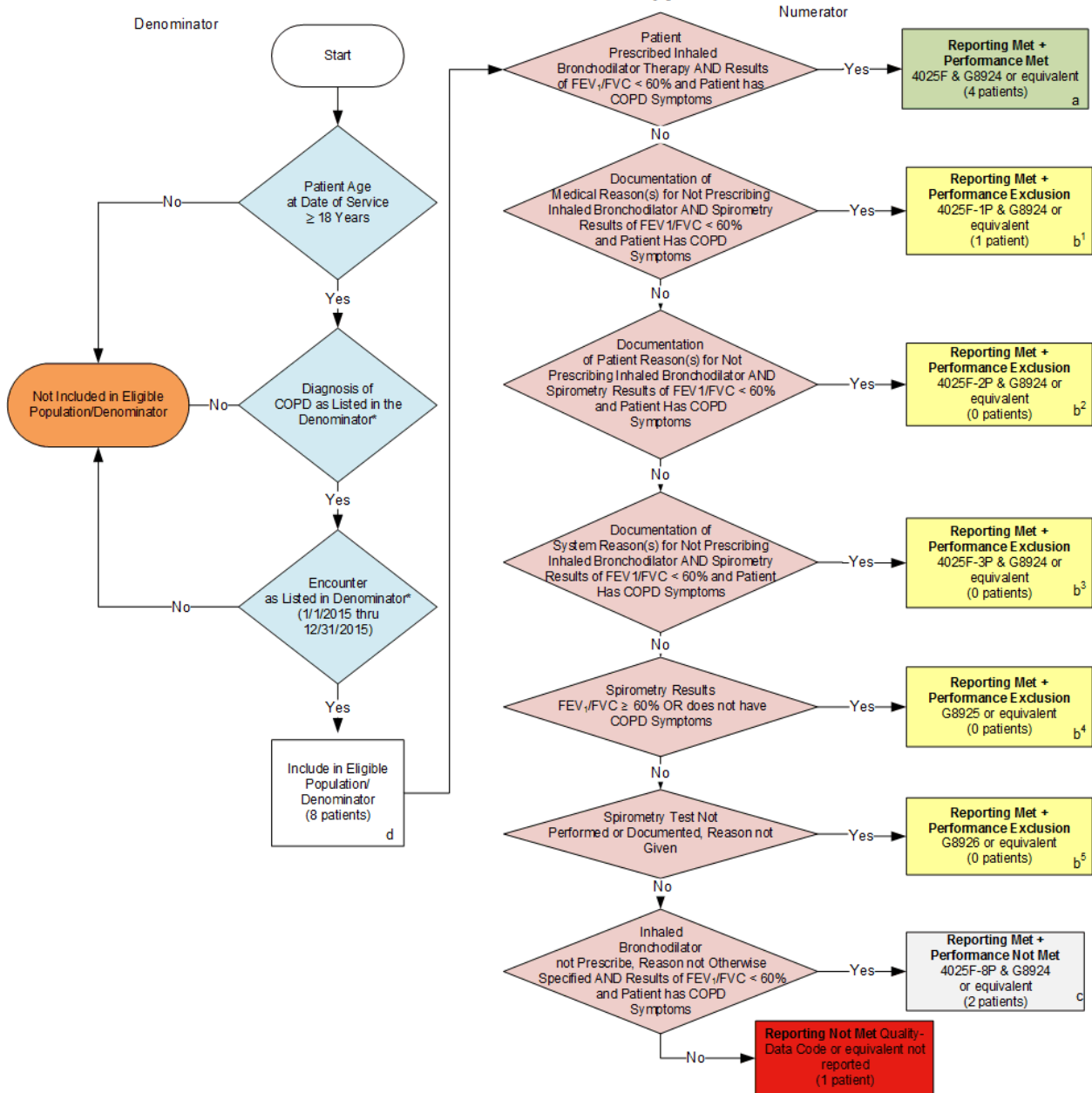


**2015 Claims Individual Measure Flow**  
**PQRS #52 NQF #0102: Chronic Obstructive Pulmonary Disease (COPD): Inhaled**  
**Bronchodilator Therapy**



**SAMPLE CALCULATIONS:**

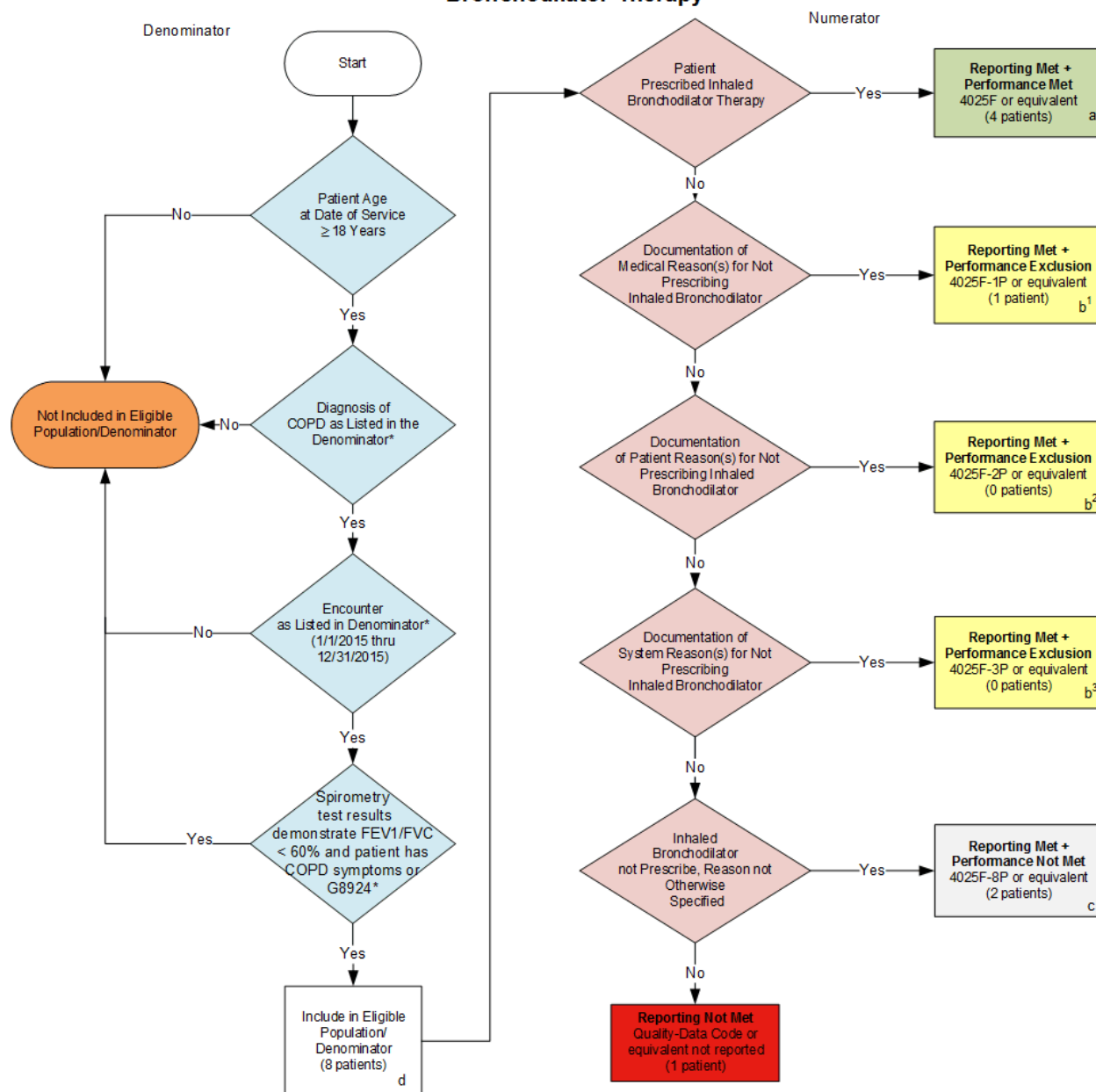
**Reporting Rate=**  
 Performance Met (a=4 patients) + Performance Exclusion (b<sup>1</sup>+b<sup>2</sup>+b<sup>3</sup>+b<sup>4</sup>+b<sup>5</sup>=1 patient) + Performance Not Met (c=2 patients) = 7 patients = 87.50%  
 Eligible Population / Denominator (d=8 patients) = 8 patients

**Performance Rate=**  
 Performance Met (a=4 patients) = 4 patients = 66.67%  
 Reporting Numerator (7 patients) – Performance Exclusion (b<sup>1</sup>+b<sup>2</sup>+b<sup>3</sup>+b<sup>4</sup>+b<sup>5</sup>= 1 patient) = 6 patients

\*See the posted Measure Specification for specific coding and instructions to report this measure.  
 NOTE: Reporting Frequency – Patient-process

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**2015 Registry Individual Measure Flow**  
**PQRS #52 NQF #0102: Chronic Obstructive Pulmonary Disease (COPD): Inhaled**  
**Bronchodilator Therapy**



SAMPLE CALCULATIONS:	
Reporting Rate=	
Performance Met (a=4 patients) + Performance Exclusion (b <sup>1</sup> +b <sup>2</sup> +b <sup>3</sup> =1 patient) + Performance Not Met (c=2 patients) = 7 patients = 87.50%	
Eligible Population / Denominator (d=8 patients) =	8 patients
Performance Rate=	
Performance Met (a=4 patients) =	4 patients
Reporting Numerator (7 patients) – Performance Exclusion (b <sup>1</sup> +b <sup>2</sup> +b <sup>3</sup> = 1 patient) =	6 patients
	= 66.67%

\*See the posted Measure Specification for specific coding and instructions to report this measure.  
 NOTE: Reporting Frequency – Patient-process

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**2015 Claims Individual Measure Flow**  
**PQRS #52 NQF #0102: Chronic Obstructive Pulmonary Disease (COPD): Inhaled  
Bronchodilator Therapy**

Please refer to the specific section of the Measure Specification to identify the denominator and numerator information for use in reporting this Individual Measure.

1. Start with Denominator
2. Check Patient Age:
  - a. If the Age is greater than or equal to 18 years of age on Date of Service and equals No during the measurement period, do not include in Eligible Patient Population. Stop Processing.
  - b. If the Age is greater than or equal to 18 years of age on Date of Service and equals Yes during the measurement period, proceed to check Patient Diagnosis.
3. Check Patient Diagnosis:
  - a. If Diagnosis of COPD as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Diagnosis of COPD as Listed in the Denominator equals Yes, proceed to check Encounter Performed.
4. Check Encounter Performed:
  - a. If Encounter as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Encounter as Listed in the Denominator equals Yes, include in the Eligible population.
5. Denominator Population:
  - a. Denominator population is all Eligible Patients in the denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 8 patients in the sample calculation.
6. Start Numerator
7. Check Patient Prescribed Inhaled Bronchodilator Therapy AND Results of FEV<sub>1</sub>/FVC <60% and Patient has COPD Symptoms:
  - a. If Patient Prescribed Inhaled Bronchodilator Therapy AND Results of FEV<sub>1</sub>/FVC <60% and Patient has COPD Symptoms equals Yes, include in Reporting Met and Performance Met.
  - b. Reporting Met and Performance Met letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 4 patients in Sample Calculation.
  - c. If Patient Prescribed Inhaled Bronchodilator Therapy AND Results of FEV<sub>1</sub>/FVC <60% and Patient has COPD symptoms equals No, proceed to check Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator Therapy AND Spirometry Results of FEV<sub>1</sub>/FVC <60% and Patient has COPD Symptoms.

8. Check Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms:
  - a. If Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter  $b^1$  equals 1 patient in the Sample Calculation.
  - c. If Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms equals No, proceed to check Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms.
9. Check Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms:
  - a. If Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter  $b^2$  equals 0 patients in the Sample Calculation.
  - c. If Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms equals No, proceed to check Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms.
10. Check Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms:
  - a. If Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter  $b^3$  equals 0 patients in the Sample Calculation.
  - c. If Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator AND Spirometry Results of  $FEV_1/FVC < 60\%$  and Patient has COPD Symptoms equals No, proceed to check Spirometry Results  $FEV_1/FVC \geq 60\%$  OR Does not have COPD Symptoms.
11. Check Spirometry Results  $FEV_1/FVC \geq 60\%$  OR Does not have COPD Symptoms:
  - a. If Spirometry Results  $FEV_1/FVC \geq 60\%$  OR Does not have COPD symptoms equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter  $b^4$  equals 0 patients in the Sample Calculation.

- c. If Spirometry Results  $FEV_1/FVC \geq 60\%$  OR Does not have COPD symptoms equals NO, proceed to check Spirometry Test Not Performed to Documented, Reason not Given.
12. Check Spirometry Test Not Performed to Documented, Reason not Given:
  - a. If Spirometry Test Not Performed to Documented, Reason not Given equals Yes, include in reporting met and performance exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter b<sup>5</sup> equals 0 patients in the Sample Calculation.
  - c. If Spirometry Test Not Performed to Documented, Reason not Given equals No, proceed to check Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified AND results of  $FEV_1/FVC \geq 60\%$  and Patient has COPD Symptoms.
13. Check Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified AND results of  $FEV_1/FVC \geq 60\%$  and Patient has COPD Symptoms:
  - a. If Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified AND results of  $FEV_1/FVC \geq 60\%$  and Patient has COPD Symptoms equals Yes, include in Reporting Met and Performance Not Met.
  - b. Reporting Met and Performance Not Met letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter c equals 2 patients in the Sample Calculation.
  - c. If Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified AND results of  $FEV_1/FVC \geq 60\%$  and Patient has COPD Symptoms equals No, proceed to check Reporting Not Met.
14. Check Reporting Not Met
  - a. If Reporting Not Met equals No, Quality Data Code or equivalent not reported. 1 patient has been subtracted from reporting numerator in the sample calculation.

#### SAMPLE CALCULATIONS:

##### Reporting Rate=

$$\frac{\text{Performance Met (a=4 patients)} + \text{Performance Exclusion (b}^1+\text{b}^2+\text{b}^3+\text{b}^4+\text{b}^5=1 \text{ patient)} + \text{Performance Not Met (c=2 patients)}}{\text{Eligible Population / Denominator (d=8 patients)}} = \frac{7 \text{ patients}}{8 \text{ patients}} = 87.50\%$$

##### Performance Rate=

$$\frac{\text{Performance Met (a=4 patients)}}{\text{Reporting Numerator (7 patients) - Performance Exclusion (b}^1+\text{b}^2+\text{b}^3+\text{b}^4+\text{b}^5=1 \text{ patient)}} = \frac{4 \text{ patients}}{6 \text{ patients}} = 66.67\%$$

**2015 Registry Individual Measure Flow**  
**PQRS #52 NQF #0102: Chronic Obstructive Pulmonary Disease (COPD): Inhaled  
Bronchodilator Therapy**

Please refer to the specific section of the Measure Specification to identify the denominator and numerator information for use in reporting this Individual Measure.

1. Start with Denominator
2. Check Patient Age:
  - a. If the Age is greater than or equal to 18 years of age on Date of Service and equals No during the measurement period, do not include in Eligible Patient Population. Stop Processing.
  - b. If the Age is greater than or equal to 18 years of age on Date of Service and equals Yes during the measurement period, proceed to check Patient Diagnosis.
3. Check Patient Diagnosis:
  - a. If Diagnosis of COPD as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Diagnosis of COPD as Listed in the Denominator equals Yes, proceed to check Encounter Performed.
4. Check Encounter Performed:
  - a. If Encounter as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Encounter as Listed in the Denominator equals Yes, proceed to check
5. Check Spirometry test results demonstrate FEV1/FVC < 60% and patient has COPD symptoms:
  - a. If Spirometry test results demonstrate FEV1/FVC < 60% and patient has COPD symptoms equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Encounter as Listed in the Denominator equals Yes, include in the Eligible population.
6. Denominator Population:
  - a. Denominator population is all Eligible Patients in the denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 8 patients in the sample calculation.
7. Start Numerator
8. Check Patient Prescribed Inhaled Bronchodilator Therapy:
  - a. If Patient Prescribed Inhaled Bronchodilator Therapy equals Yes, include in Reporting Met and Performance Met.
  - b. Reporting Met and Performance Met letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 4 patients in Sample Calculation.

- c. If Patient Prescribed Inhaled Bronchodilator Therapy equals No, proceed to check Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator Therapy.
- 9. Check Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator:
  - a. If Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter b<sup>1</sup> equals 1 patient in the Sample Calculation.
  - c. If Documentation of Medical Reason(s) for Not Prescribing Inhaled Bronchodilator equals No, proceed to check Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator.
- 10. Check Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator:
  - a. If Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter b<sup>2</sup> equals 0 patients in the Sample Calculation.
  - c. If Documentation of Patient Reason(s) for Not Prescribing Inhaled Bronchodilator equals No, proceed to check Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator.
- 11. Check Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator:
  - a. If Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter b<sup>3</sup> equals 0 patients in the Sample Calculation.
  - c. If Documentation of System Reason(s) for Not Prescribing Inhaled Bronchodilator equals No, proceed to check Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified.
- 12. Check Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified:
  - a. If Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified equals Yes, include in Reporting Met and Performance Not Met.
  - b. Reporting Met and Performance Not Met letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter c equals 2 patients in the Sample Calculation.
  - c. If Inhaled Bronchodilator not Prescribe, Reason not Otherwise Specified equals No, proceed to check Reporting Not Met.
- 13. Check Reporting Not Met
  - a. If Reporting Not Met equals No, Quality Data Code or equivalent not reported. 1 patient has been subtracted from reporting numerator in the sample calculation.

**SAMPLE CALCULATIONS:**

**Reporting Rate=**

$$\frac{\text{Performance Met (a=4 patients)} + \text{Performance Exclusion (b}^1\text{+b}^2\text{+b}^3\text{=1 patient)} + \text{Performance Not Met (c=2 patients)}}{\text{Eligible Population / Denominator (d=8 patients)}} = \frac{7 \text{ patients}}{8 \text{ patients}} = 87.50\%$$

**Performance Rate=**

$$\frac{\text{Performance Met (a=4 patients)}}{\text{Reporting Numerator (7 patients) - Performance Exclusion (b}^1\text{+b}^2\text{+b}^3\text{= 1 patient)}} = \frac{4 \text{ patients}}{6 \text{ patients}} = 66.67\%$$