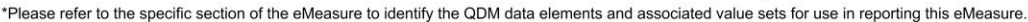
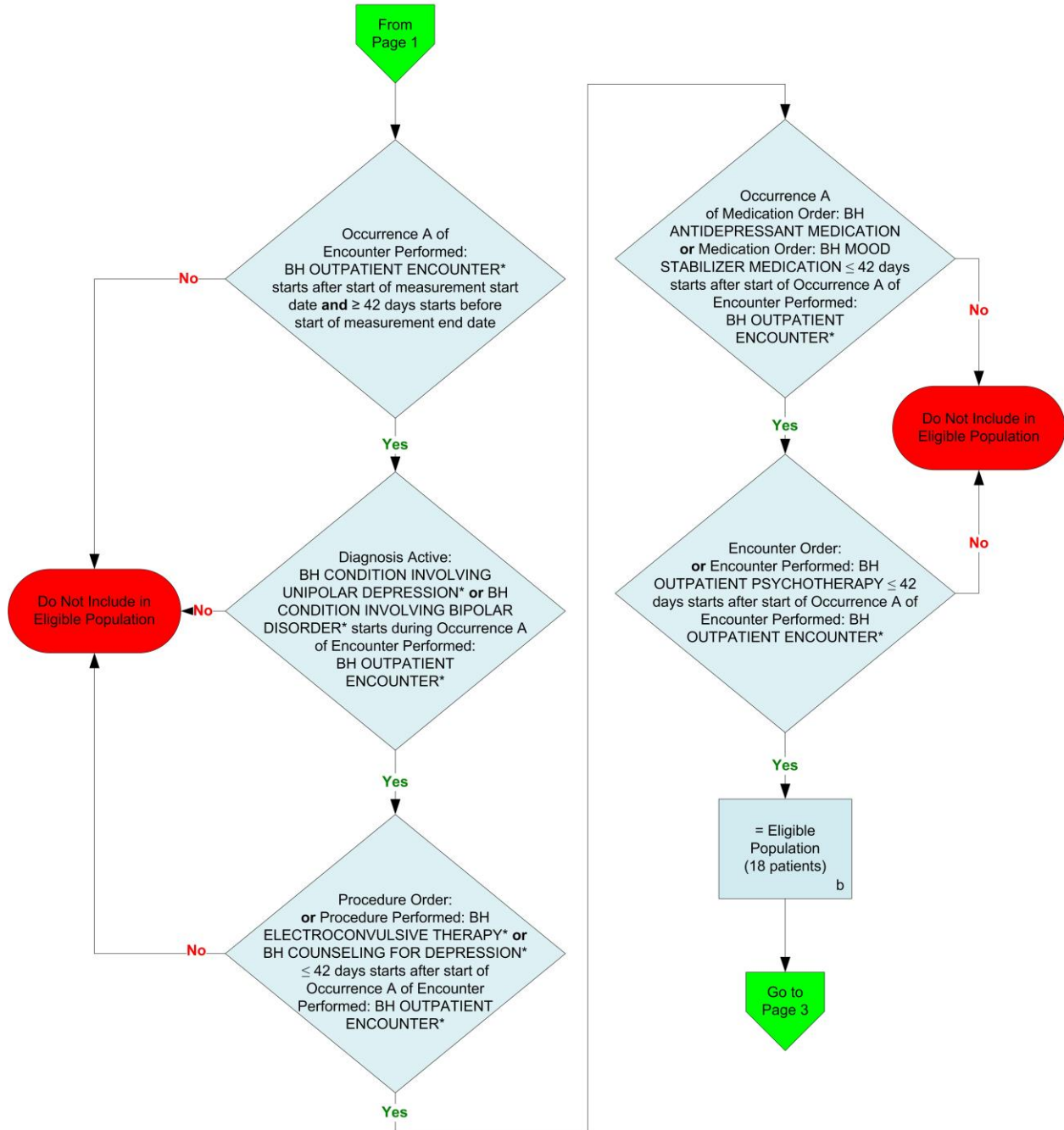


NQF 0110: Bipolar Disorder and Major Depression: Appraisal for Alcohol or Chemical Substance Use

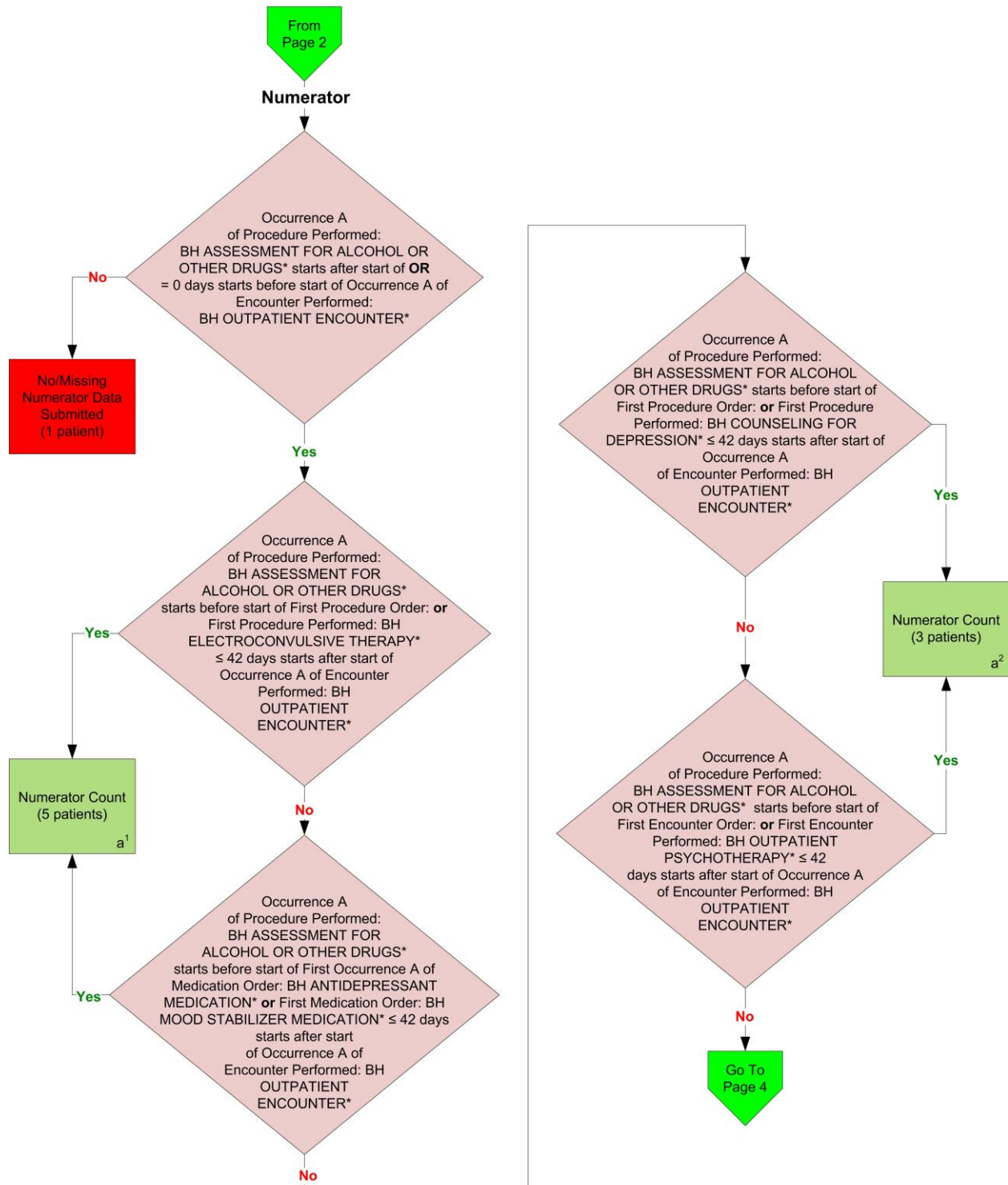


2014 eCQM Flow
Measure Identifier: CMS169v3
NQF 0110: Bipolar Disorder and Major Depression: Appraisal for Alcohol or Chemical Substance Use



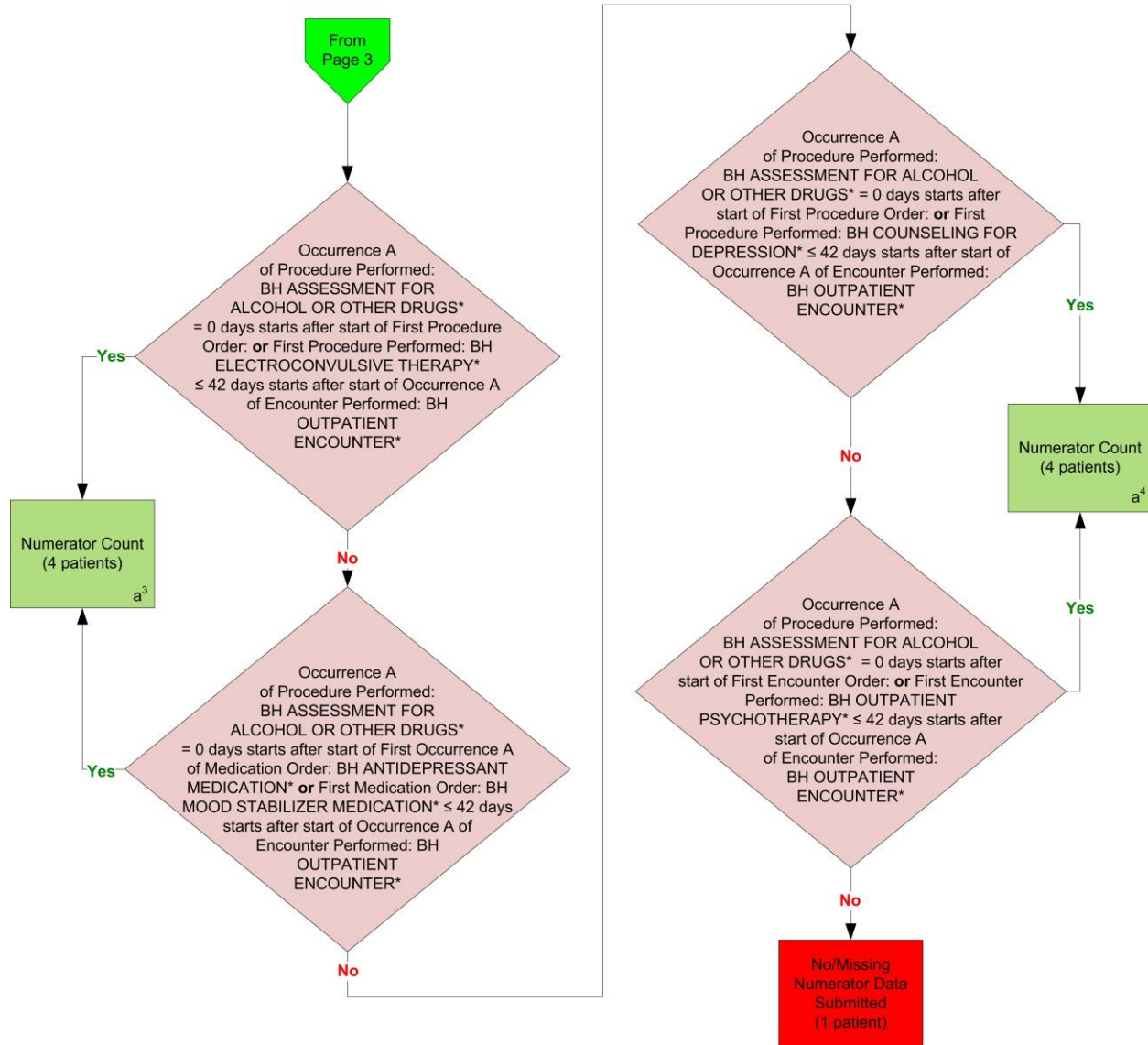
*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

2014 eCQM Flow
Measure Identifier: CMS169v3
NQF 0110: Bipolar Disorder and Major Depression: Appraisal for Alcohol or Chemical Substance Use



*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: CMS169v3
NQF 0110: Bipolar Disorder and Major Depression: Appraisal for Alcohol or Chemical Substance Use



*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:

Performance Rate =

$$\frac{\text{Numerator } (a^1 + a^2 + a^3 + a^4 = 16 \text{ patients})}{\text{Denominator } (b = 18 \text{ patients}) - \text{Denominator Exclusions (N/A)} - \text{Denominator Exceptions (N/A)}} = 88.89\%$$

2014 eCQM Flows

Measure Identifier: CMS169v3

NQF 0110: Bipolar Disorder and Major Depression: Appraisal for Alcohol or Chemical Substance Use

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.

1. Start Initial Patient Population
2. Check Patient Characteristic Birthdate:
 - a. If the QDM data element, BIRTH DATE, is greater than or equal to 18 years starts before start of measurement period, equals No, do not include in Initial Patient Population. Stop Processing.
 - b. If the QDM data element, BIRTH DATE, is greater than or equal to 18 years starts before start of measurement period, equals Yes, proceed to Denominator.
3. Start Denominator
 - a. Denominator equals the Initial Patient Population.
4. Check Encounter Performed:
 - a. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of QDM data element, BH OUTPATIENT ENCOUNTER, during Diagnosis Active QDM data element, BH CONDITION INVOLVING BIPOLAR DISORDER or Diagnosis Active QDM data element, BH CONDITION INVOLVING UNIPOLAR DEPRESSION, equals No, proceed to check line 5, Encounter Performed.
 - b. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of QDM data element, BH OUTPATIENT ENCOUNTER, during Diagnosis Active QDM data element, BH CONDITION INVOLVING BIPOLAR DISORDER or Diagnosis Active QDM data element, BH CONDITION INVOLVING UNIPOLAR DEPRESSION, equals Yes, proceed to line 10, check Encounter Performed.
5. Check Encounter Performed:
 - a. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of QDM data element, BH OUTPATIENT ENCOUNTER, during Medication Active QDM data element, BH ANTIDEPRESSANT MEDICATION or Medication Active QDM data element, BH MOOD STABILIZER MEDICATION, equals No, proceed to check line 6, Encounter Performed.
 - b. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of QDM data element, BH OUTPATIENT ENCOUNTER, during Medication Active QDM data element, BH ANTIDEPRESSANT MEDICATION or Medication Active QDM data element, BH MOOD STABILIZER MEDICATION, equals Yes, proceed to line 10, check Encounter Performed.
6. Check Encounter Performed:

- a. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start QDM data element, BH OUTPATIENT ENCOUNTER, during Diagnosis Active QDM data element, BH CONDITION INVOLVING BIPOLAR DISORDER or Diagnosis Active QDM data element, BH CONDITION INVOLVING UNIPOLAR DEPRESSION, starts during QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to line 7, check Encounter Performed.
 - b. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of QDM data element, BH OUTPATIENT ENCOUNTER, during Diagnosis Active QDM data element, BH CONDITION INVOLVING BIPOLAR DISORDER or Diagnosis Active QDM data element, BH CONDITION INVOLVING UNIPOLAR DEPRESSION, starts during QDM data element, OUTPATIENT ENCOUNTER, equals Yes, proceed to line 10, check Encounter Performed.
7. Check Encounter Performed:
 - a. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of Procedure Order or Procedure Performed QDM data element, BH ELECTROCONVULSIVE THERAPY or Procedure Order or Procedure Performed QDM data element, BH COUNSELING FOR DEPRESSION, equals No, proceed to line 8, Encounter Performed.
 - b. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of Procedure Order or Procedure Performed QDM data element, BH ELECTROCONVULSIVE THERAPY or Procedure Order or Procedure Performed QDM data element, BH COUNSELING FOR DEPRESSION, equals Yes, proceed to line 10, check Encounter Performed.
8. Check Encounter Performed:
 - a. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of Occurrence A of Medication Order QDM data element, BH ANTIDEPRESSANT MEDICATION or Medication Order QDM data element, BH MOOD STABILIZER MEDICATION, equals No, proceed to check Encounter Performed.
 - b. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of Occurrence A of Medication Order QDM data element, BH ANTIDEPRESSANT MEDICATION or Medication Order QDM data element, BH MOOD STABILIZER MEDICATION, equals Yes, proceed to line 10, check Encounter Performed.
9. Check Encounter Performed:
 - a. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of Encounter Order or Encounter Performed QDM data element, BH OUTPATIENT PSYCHOTHERAPY, equals No, do not include in Eligible Population. Stop Processing.
 - b. If WITHOUT Occurrence A of QDM data element, BH OUTPATIENT ENCOUNTER, less than 180 days starts after start of Encounter Order or Encounter Performed QDM data element, BH OUTPATIENT PSYCHOTHERAPY, equals Yes, proceed to line 10, check Encounter Performed.

10. Check Encounter Performed:
 - a. If Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, starts after start of measurement start date and greater than or equal to 42 days starts before start of measurement end date, equals No, do not include in Eligible Population. Stop Processing.
 - b. If Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, starts after start of measurement start date and greater than or equal to 42 days starts before start of measurement end date, equals Yes, proceed to check Diagnosis Active.
11. Check Diagnosis Active:
 - a. If QDM data element, BH CONDITION INVOLVING UNIPOLAR DEPRESSION, or QDM data element, BH CONDITION INVOLVING BIPOLAR DISORDER, starts during Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, do not include in the Eligible Population. Stop Processing.
 - b. If QDM data element, BH CONDITION INVOLVING UNIPOLAR DEPRESSION, or QDM data element, BH CONDITION INVOLVING BIPOLAR DISORDER, starts during Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, proceed to check Procedure Order or Procedure Performed.
12. Check Procedure Order or Procedure Performed:
 - a. If QDM data element, BH ELECTROCONVULSIVE THERAPY, or QDM data element, BH COUNSELING FOR DEPRESSION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, do not include in the Eligible Population. Stop Processing.
 - b. If QDM data element, BH ELECTROCONVULSIVE THERAPY, or QDM data element, BH COUNSELING FOR DEPRESSION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, proceed to Medication Order.
13. Check Medication Order:
 - a. If Occurrence A of QDM data element, BH ANTIDEPRESSANT MEDICATION, or QDM data element, BH MOOD STABILIZER MEDICATION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, do not include in the Eligible Population. Stop Processing.
 - b. If Occurrence A of QDM data element, BH ANTIDEPRESSANT MEDICATION, or QDM data element, BH MOOD STABILIZER MEDICATION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, proceed to check Encounter Order or Encounter Performed.
14. Check Encounter Order or Encounter Performed:
 - a. If QDM data element, BH OUTPATIENT PSYCHOTHERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, do not include in Eligible Population. Stop Processing.

- b. If QDM data element, BH OUTPATIENT PSYCHOTHERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 18 patients. Proceed to the Numerator.
- 15. Start Numerator
- 16. Check Procedure Performed:
 - a. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts after start of or equal to 0 days starts before start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, include in the No/Missing Data Submitted count. Stop Processing.
 - b. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts after start of or equal to 0 days starts before start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, proceed to check Procedure Performed.
- 17. Check Procedure Performed:
 - a. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Procedure Order or First Procedure Performed QDM data element, BH ELECTROCONVULSIVE THERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - b. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Procedure Order or First Procedure Performed QDM data element, BH ELECTROCONVULSIVE THERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 5 patients in the sample calculation. Stop Processing.
- 18. Check Procedure Performed:
 - a. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Occurrence A of Medication Order QDM data element, BH ANTIDEPRESSANT MEDICATION, or First Medication Order QDM data element, BH MOOD STABILIZER MEDICATION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - b. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Occurrence A of Medication Order QDM data element, BH ANTIDEPRESSANT MEDICATION, or First Medication Order QDM data element, BH MOOD STABILIZER MEDICATION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in

Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A¹ equals 5 patients in the sample calculation. Stop Processing.

19. Check Procedure Performed:
 - a. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Procedure Order or First Procedure Performed QDM data element, BH COUNSELING FOR DEPRESSION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - b. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Procedure Order or First Procedure Performed QDM data element, BH COUNSELING FOR DEPRESSION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
20. Check Procedure Performed:
 - a. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Encounter Order or First Encounter Performed QDM data element, BH OUTPATIENT PSYCHOTHERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - b. If Occurrence A of QDM data element, BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, starts before start of First Encounter Order or First Encounter Performed QDM data element, BH OUTPATIENT PSYCHOTHERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A² equals 3 patients in the sample calculation. Stop Processing.
21. Check Procedure Performed:
 - a. If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Procedure Order or First Procedure Performed QDM data element, BH ELECTROCONVULSIVE THERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - b. If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Procedure Order or First Procedure Performed QDM data element, BH ELECTROCONVULSIVE THERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A³ equals 4 patients in the sample calculation. Stop Processing.

22. Check Procedure Performed:
- If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Occurrence A of Medication Order QDM data element, BH ANTIDEPRESSANT MEDICATION, or First Medication Order QDM data element, BH MOOD STABILIZER MEDICATION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Occurrence A of Medication Order QDM data element, BH ANTIDEPRESSANT MEDICATION, or First Medication Order QDM data element, BH MOOD STABILIZER MEDICATION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A³ equals 4 patients in the sample calculation. Stop Processing.
23. Check Procedure Performed:
- If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Procedure Order or First Procedure Performed QDM data element, BH COUNSELING FOR DEPRESSION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, proceed to check Procedure Performed.
 - If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Procedure Order or First Procedure Performed QDM data element, BH COUNSELING FOR DEPRESSION, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A⁴ equals 4 patients in the sample calculation. Stop Processing.
24. Check Procedure Performed:
- If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start of First Encounter Order or First Encounter Performed QDM data element, BH OUTPATIENT PSYCHOTHERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals No, include in the No/Missing Data Submitted count. Stop Processing.
 - If Occurrence A of BH ASSESSMENT FOR ALCOHOL OR OTHER DRUGS, equals 0 days starts after start First Encounter Order or First Encounter Performed QDM data element, BH OUTPATIENT PSYCHOTHERAPY, less than or equal to 42 days starts after start of Occurrence A of Encounter Performed QDM data element, BH OUTPATIENT ENCOUNTER, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A⁴ equals 4 patients in the sample calculation. Stop Processing.

SAMPLE CALCULATION:

Performance Rate

Numerator ($a^1 + a^2 + a^3 + a^4$) = 16 patients)

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Denominator (b=18 patients) – Denominator Exclusions (N/A) – Denominator Exceptions (N/A)

= **88.89%**