



## Complete Summary

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### TITLE

Major depression in adults in primary care: percentage of patients with a new diagnosis of major depression, with documentation of Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria within the three months prior to initial diagnosis.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 78 p. [219 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of patients with a new diagnosis of major depression, with documentation of Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria within the three months prior to initial diagnosis.

### RATIONALE

The priority aim addressed by this measure is to increase the use of Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria in the detection and diagnosis of major depression in primary care.

### PRIMARY CLINICAL COMPONENT

Major depression; Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria

### DENOMINATOR DESCRIPTION

Number of primary care patients reviewed greater than 18 years with new diagnosis\* of major depression that has not been treated in the previous six months

\*New diagnosis = no diagnosis in the six-month period prior to the target quarter.

### NUMERATOR DESCRIPTION

Number of medical records containing documentation of Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria within the three months prior to initial diagnosis (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

### Evidence Supporting the Measure

#### PRIMARY MEASURE DOMAIN

Process

#### SECONDARY MEASURE DOMAIN

Not applicable

#### EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

#### NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Major depression in adults in primary care.](#)

### Evidence Supporting Need for the Measure

#### NEED FOR THE MEASURE

Unspecified

### State of Use of the Measure

#### STATE OF USE

Current routine use

#### CURRENT USE

Internal quality improvement

### Application of Measure in its Current Use

#### CARE SETTING

Physician Group Practices/Clinics

#### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

#### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

#### TARGET POPULATION AGE

Age greater than 18 years

#### TARGET POPULATION GENDER

Either male or female

#### STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

#### INCIDENCE/PREVALENCE

- Depression is common, with a lifetime risk for major depressive disorder of 7% to 12% for men and 20% to 25% for women.
- Clinically significant depressive syndromes may be detectable in 12% to 36% of patients with general medical disorders.
- The point prevalence of major depression in the general population is 4.5% to 9.3% for women and 2.3% to 4.5% for men.
- The depressive syndrome is common in primary care. The estimated prevalence of major depression in primary care outpatients is 4.8% to 8.6%, and the estimated prevalence of dysthymic disorder is 2.1% to 3.7%.

#### EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 78 p. [219 references]

#### ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

#### BURDEN OF ILLNESS

- Approximately 15% of patients hospitalized for major depression eventually commit suicide.
- Persons with major depression have a 4.8 times greater risk for work disability than asymptomatic individuals and report significantly poorer intimate relationships and less satisfying social interactions.

## EVIDENCE FOR BURDEN OF ILLNESS

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 78 p. [219 references]

## UTILIZATION

- Depressed individuals are high utilizers of medical services, and are as functionally impaired as patients with severe chronic medical disorders.
- Patients with undiagnosed depression average more than 6 visits per year with their primary care providers.

## EVIDENCE FOR UTILIZATION

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 78 p. [219 references]

## COSTS

Unspecified

## Institute of Medicine National Healthcare Quality Report Categories

## IOM CARE NEED

Getting Better  
Living with Illness

## IOM DOMAIN

Effectiveness

## Data Collection for the Measure

## CASE FINDING

Users of care only

## DESCRIPTION OF CASE FINDING

Adults greater than 18 years with a new primary care diagnosis\* of major depression

Claims, encounter data, scheduling information, or list of diagnosis codes from other automated sources may be used to identify those patients who meet the inclusion criteria for this measure. A random sample of 20 patients is suggested. The medical record will be reviewed to determine if Diagnostic and Statistical

Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria are documented as used. The presence of narrative comments reflecting application of DSM-IV TR criteria in making the diagnosis is acceptable evidence for this measure.

The suggested time period for data collection is a calendar month.

\*New diagnosis = no diagnosis in the six-month period prior to the target quarter.

#### DENOMINATOR SAMPLING FRAME

Patients associated with provider

#### DENOMINATOR (INDEX) EVENT

Clinical Condition

#### DENOMINATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Number of primary care patients reviewed greater than 18 years with new diagnosis\* of major depression that has not been treated in the previous six months

Suggested International Classification of Diseases, Ninth Revision (ICD-9) codes include: 296.2X, 296.3X

\*New diagnosis = no diagnosis in the six-month period prior to the target quarter.

##### Exclusions

Unspecified

#### NUMERATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Number of medical records containing documentation of Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (DSM-IV TR) criteria\* within the three months prior to initial diagnosis

\*Documentation of DSM-IV TR Criteria

Must have a total of five symptoms for at least two weeks. One of the symptoms must be depressed mood or loss of interest.

1. Depressed mood
2. Markedly diminished interest or pleasure in all or almost all activities
3. Significant (greater than 5% body weight) weight loss or gain, or decrease or increase in appetite
4. Insomnia or hypersomnia
5. Psychomotor agitation or retardation
6. Fatigue or loss of energy

7. Feeling of worthlessness or inappropriate guilt
8. Diminished concentration or indecisiveness
9. Recurrent thoughts of death or suicide

Exclusions  
Unspecified

#### DENOMINATOR TIME WINDOW

Time window precedes index event

#### NUMERATOR TIME WINDOW

Fixed time period

#### DATA SOURCE

Administrative data  
Medical record

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text  
Revision (DSM-IV TR)

### Computation of the Measure

#### SCORING

Rate

#### INTERPRETATION OF SCORE

Better quality is associated with a higher score

#### ALLOWANCE FOR PATIENT FACTORS

Unspecified

#### STANDARD OF COMPARISON

Internal time comparison

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of patients with a new diagnosis of major depression, with documentation of DSM-IV TR criteria within the three months prior to initial diagnosis.

### MEASURE COLLECTION

[Major Depression in Adults in Primary Care Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2004 May

### MEASURE STATUS

This is the current release of the measure.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 78 p. [219 references]

### MEASURE AVAILABILITY

The individual measure, "Percentage of patients with a new diagnosis of major depression, with documentation of DSM-IV TR criteria within the three months prior to initial diagnosis," is published in "Health Care Guideline: Major Depression in Adults in Primary Care." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

## NQMC STATUS

This NQMC summary was completed by ECRI on August 18, 2004.

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