

Top 10 Mental Health Conditions for Women, By Ethnic Group Analytic Notes

Clinical Classification Software (CCS) developed by the Agency for Healthcare Research and Quality (AHRQ) was used to classify diagnosis codes into clinically meaningful categories. This tool aggregates ICD-9 (International Classification of Diseases, 9th Revision, Clinical Modification) codes into one of 285 mutually exclusive categories. Most of these categories are homogeneous, for example category #1 is "Tuberculosis". Some categories combine several less common individual codes, such as category #3, which is "Other Bacterial Infections".

The CCS categorization scheme generally follows the mental and substance abuse conditions and code assignments outlined in the Diagnostic and Statistical Manual of Mental Disorders IV (DSM IV). Additional codes, such as mental disorders and drug dependency in pregnancy, diagnostic codes indicative of external events and supplemental diagnosis codes used to classify factors influencing health status or contact with health professionals were also incorporated into the code assignments. Table 1, on the following page, describes each CCS category for mental health or substance abuse disorders along with examples of the conditions included in that CCS category.

The information in these tables was developed by applying the CCS tool to Medi-Cal paid claims, which means it is limited to fee-for-service Medi-Cal payments. Services provided to beneficiaries enrolled in Medi-Cal managed care are not included unless the service was "carved out" and provided via Medi-Cal fee-for-service. Claims from providers that do not typically bill with an ICD-9 diagnosis code cannot be classified in these reports. Providers in this category include pharmacies, Family P.A.C.T., In Home Support Services, and Targeted Case Management (both Medi-Cal and Department of Developmental Services). Furthermore, the information is also dependent on the accuracy of diagnosis codes billed on the claim.

Unduplicated counts of persons by condition were obtained by: selecting claims for women ages 13 and up, classifying the primary diagnosis using the CCS tool, and then summarizing by Client Index Number (CIN) within each clinical category. The prevalence rate (shown as a percentage) is calculated by dividing the number of unduplicated persons within a condition by the number of Medi-Cal eligible women divided by 100. This calculation is done overall and within the ethnic groups displayed.

Ethnicity codes were aggregated into four major categories, White, Black, Hispanic, and Asian. White, Black, and Hispanic were included as reported. However, the Asian group includes all the following codes: Asian or Pacific Islander, Filipino, Amerasian, Chinese, Cambodian, Japanese, Korean, Samoan, Asian Indian, Hawaiian, Guamanian, Laotian, Vietnamese. Persons who could not be classified within the four major categories consist of a very

small number of “Other” and many “Not Reported”. The unclassifiable group is quite large and tends to be concentrated within Medi-Cal’s disabled population. Although this group is included in the overall numbers and prevalence rates, these cases are not displayed as a separate group because they do not represent any particular ethnic background and they are skewed heavily within the disabled population – resulting in misleading prevalence rates.

Table 1. Mental Health and Substance Abuse Clinical Classifications

Clinical Classification	Definition	Examples of Conditions
Adjustment Disorders	An adjustment disorder is characterized by an abnormal and excessive reaction to a life stress, such as starting school, getting divorced or experiencing grief.	<ol style="list-style-type: none"> 1. Adjustment Reactions with Predominant Disturbance of Other Emotions, Physical Symptoms or Withdrawal 2. Brief Depressive Reaction 3. Prolonged Depressive Reaction 4. Adjustment Reactions with Profound Disturbance of Conduct
Anxiety Disorders	Anxiety Disorders categorize a large number of disorders where the primary feature is abnormal or inappropriate anxiety.	<ol style="list-style-type: none"> 1. Organic Anxiety Syndrome 2. Anxiety States e.g. Panic Disorders 3. Hysteria 4. Phobic Disorders 5. Obsessive-Compulsive Disorders 6. Neurasthenia 7. Acute Reaction to Stress 8. Prolonged Posttraumatic Stress Disorder

Clinical Classification	Definition	Examples of Conditions
Attention-Deficit, Conduct and Disruptive Behavior Disorders	<p>Attention-deficit disorder is a problem with inattentiveness, overactivity, impulsiveness or a combination out of the normal range for a child's development.</p> <p>Conduct disorders involve chronic behavior problems such as defiant, impulsive, antisocial behavior.</p> <p>Disruptive behaviors are characterized by psychologically disorganized behavior.</p>	<ol style="list-style-type: none"> 1. Oppositional Disorder 2. Attention Deficit Disorder 3. Undersocialized Conduct Disorders 4. Socialized Conduct Disorders
Delirium, Dementia, Amnestic and Other Cognitive Disorders	<p>Delirium is a sudden severe confusion and rapid changes in brain function due to mental or physical illness.</p> <p>Dementia is the loss of brain function which occurs with certain diseases. It affects memory, thinking, language, judgment and behavior.</p> <p>Amnestic disorders are characterized by loss of memory including loss of personal identity due to brain injury, shock, fatigue, repression or illness.</p>	<ol style="list-style-type: none"> 1. Senile Dementia 2. Arteriosclerotic Dementia 3. Transient Organic Psychotic Conditions 4. Amnestic Syndrome 5. Postconcussion Syndrome 6. Alzheimer's Disease 7. Pick's Disease 8. Senile Degeneration of the Brain 9. Senility without mention of psychosis

Clinical Classification	Definition	Examples of Conditions
Developmental Disorders	A physical or mental disorder that becomes apparent in childhood and prevents, impedes or limits normal development including the ability to learn or care for oneself.	<ol style="list-style-type: none"> 1. Stammering and Stuttering 2. Other and Unspecified Special Symptoms or Syndromes, not elsewhere classified including hair plucking, lisping and thumb-sucking. 3. Specific Delays in Development including reading, arithmetical, speech and language disorders. 4. Mental Retardation
Disorders Usually Diagnosed in Infancy, Childhood or Adolescence	Includes a variety of mental disorders that are diagnosed prior to adulthood.	<ol style="list-style-type: none"> 1. Infantile Autism 2. Disintegrative Psychosis 3. Tourette's Disorder 4. Stereotyped Repetitive Movements e.g. Head Banging 5. Separation Anxiety Disorder 6. Elective Mutism
Impulse Control Disorders, Not Elsewhere Classified	Impulse control disorders include the failure or extreme difficulty in controlling impulses despite the negative consequences.	<ol style="list-style-type: none"> 1. Pathological Gambling 2. Kleptomania 3. Pyromania 4. Intermittent Explosive Disorder 5. Isolated Explosive Disorder
Mood Disorders	Any of several psychological disorders characterized by abnormalities of emotional state.	<ol style="list-style-type: none"> 1. Organic Affective Disorder 2. Manic Disorders 3. Major Depressive Disorder 4. Bipolar Affective Disorders 5. Manic-Depressive Psychosis 6. Neurotic Depression 7. Depressive Disorders, not elsewhere classified
Personality Disorders	Personality Disorders are a group of psychiatric conditions in which chronic behavior patterns cause serious problems with relationships and work.	Personality disorders including paranoid, affective, schizoid, compulsive, histrionic, dependent, antisocial and borderline.

Clinical Classification	Definition	Examples of Conditions
Schizophrenia and other Psychotic Disorders	<p>Schizophrenia is a mental disorder that makes it difficult to tell the difference between real and unreal experiences, to think logically, to have normal emotional responses and to behave normally in social situations.</p> <p>Psychotic disorders are mental disorders characterized by defective or lost contact with reality often with hallucinations or delusions.</p>	<ol style="list-style-type: none"> 1. Organic Delusional and Hallucination Syndromes 2. Schizophrenic Disorders 3. Paranoid States 4. Other Nonorganic Psychoses e.g. Depressive Type Psychosis
Alcohol-related Disorders	Disorders in this category relate to the effects of alcohol abuse or dependence.	<ol style="list-style-type: none"> 1. Alcohol Psychoses e.g. Alcohol Withdrawal Delirium 2. Alcohol Dependence Syndrome 3. Alcohol Abuse 4. Noxious Influences Affecting Fetus Via Placenta or Breast Milk- Alcohol 5. Toxic Effect of Ethyl Alcohol

Clinical Classification	Definition	Examples of Conditions
Substance-related Disorders	Disorders in this category relate to the effects of drug abuse or dependence.	<ol style="list-style-type: none"> 1. Drug Withdrawal Syndrome 2. Paranoid and/or Hallucinatory States Induced by Drugs 3. Pathological Drug Intoxication 4. Specific Drug-Induced Mental Disorders e.g. drug- induced deliriums and dementias. 5. Drug Dependence 6. Nondependent Abuse of Drugs 7. Drug Dependence complicating Pregnancy, Childbirth or the Puerperium 8. Suspected Damage to Fetus from Drugs 9. Noxious Influences Affecting Fetus Via Placenta or Breast Milk-Narcotics, Hallucinogenics and Cocaine 10. Poisoning by Opiates and Related Narcotics 11. Counseling on Substance Use and Abuse
Suicide and Intentional Self-Inflicted Injury	Suicidal behavior is any deliberate action with potentially life-threatening consequences.	Includes all diagnosis codes used to classify environmental events, circumstances and conditions as the cause of injury, poisoning and other adverse effects <u>and</u> indicative of a suicide attempt or self-inflicted injury.

Clinical Classification	Definition	Examples of Conditions
Screening and History of Mental Health and Substance Abuse	<p>Includes diagnoses where the person has come under medical care because of a maladaptive effect of a drug on which he is not dependent and that he has taken on his own initiative to the detriment of his health or social functioning.</p> <p>Also includes supplemental diagnosis codes used to classify factors influencing health status and contact with health services.</p>	<ol style="list-style-type: none"> 1. Tobacco abuse disorder 2. Alcoholic Polyneuropathy, Cardiomyopathy or Gastritis 3. Alcoholic Fatty Liver 4. Excessive Blood Level of Alcohol 5. Personal History of Mental Disorder 6. Psychological Trauma 7. History of Physical or Emotional Abuse 8. Psychiatric screening or convalescence and palliative care following psychotherapy and other treatment for mental disorder.
Miscellaneous Disorders	Various mental disorders and supplemental diagnosis codes not classified in other mental health or substance abuse clinical classification categories.	<ol style="list-style-type: none"> 1. Other or unspecified transient organic mental disorders 2. Multiple personality disorder 3. Depersonalization Disorder 4. Hypochondria 5. Various Psychosexual Dysfunction and Disorders 6. Physiological Malfunction arising from Mental Factors 7. Anorexia Nervosa and other Eating Disorders 8. Nonorganic Sleep Disorders 9. Organic Personality Syndrome 10. Mental Disorders in the Mother, complicating pregnancy, childbirth or the puerperium 11. Follow-up Examination following psychotherapy and other treatment for mental disorder.

Source (Table 1): Definitions of specific mental disorders courtesy of The National Institutes of Health- Medline Plus-<http://medlineplus.gov/>.
Diagnostic examples for the clinical classifications based on the single level clinical classification diagnosis table developed for the Clinical Classification

Software (CCS) 2010 from the Healthcare Cost and Utilization Project, sponsored by the Agency for Healthcare Research and Quality.

For more information about the CCS tool, see the AHRQ web site at <http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp>

Source for Top 10 Mental Health Conditions reporting: Fee-For-Service Medi-Cal Paid Claims System, Medi-Cal Paid Claims Standard 35-File

Suggested Citation: State of California, Department of Health Care Services, Top 10 Mental Health Conditions for Women in the Medi-Cal Fee-for-Service Program, By Clinical Condition and Ethnic Group, Fiscal Year 2008/09. Report Date: August 2010.

**Top 10 Mental Health Conditions for Women
In the Medi-Cal Fee-for-Service Program
By Clinical Condition: All Ethnic Groups
Fiscal Year 2008/09**

Clinical Condition	Number of Persons	Prevalence Rate (%)
Mood disorders	166,702	7.28
Anxiety disorders	65,046	2.84
Schizophrenia and other psychotic disorders	54,476	2.38
Developmental disorders	38,557	1.68
Substance-related disorders	32,558	1.42
Delirium, dementia, and other cognitive disorders	30,191	1.32
Adjustment disorders	19,036	0.83
Attention-deficit, conduct & disruptive behavior	15,487	0.68
Alcohol-related disorders	10,350	0.45
Screening of mental health & substance abuse	8,869	0.39

Please refer to Top 10 Mental Health Conditions for Women, By Ethnic Group Analytic Notes for methodology and data limitations.

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**Top 10 Mental Health Conditions for Women
In the Medi-Cal Fee-for-Service Program
By Clinical Condition and Ethnic Group: White
Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	White	
	Number of Persons	Prevalence Rate (%)
Mood disorders	36,334	6.63
Anxiety disorders	21,091	3.85
Delirium, dementia, and other cognitive disorders	13,644	2.49
Schizophrenia and other psychotic disorders	12,495	2.28
Developmental disorders	7,452	1.36
Substance-related disorders	6,743	1.23
Screening of mental health & substance abuse	4,167	0.76
Alcohol-related disorders	2,983	0.54
Attention-deficit, conduct & disruptive behavior	2,812	0.51
Adjustment disorders	2,398	0.44

Please refer to Top 10 Mental Health Conditions for Women, By Ethnic Group Analytic Notes for methodology and data limitations.

Source: Fee-For-Service Medi-Cal Paid Claims System, Medi-Cal Paid Claims Standard 35-File.

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**Top 10 Mental Health Conditions for Women
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By Clinical Condition and Ethnic Group: Hispanic
Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	Hispanic	
	Number of Persons	Prevalence Rate (%)
Mood disorders	16,664	1.43
Anxiety disorders	14,201	1.22
Developmental disorders	6,696	0.58
Delirium, dementia, and other cognitive disorders	5,829	0.50
Schizophrenia and other psychotic disorders	4,337	0.37
Substance-related disorders	2,716	0.23
Screening of mental health & substance abuse	1,539	0.13
Adjustment disorders	1,468	0.13
Alcohol-related disorders	1,204	0.10
Attention-deficit, conduct & disruptive behavior	1,120	0.10

Please refer to Top 10 Mental Health Conditions for Women, By Ethnic Group Analytic Notes for methodology and data limitations.

Source: Fee-For-Service Medi-Cal Paid Claims System, Medi-Cal Paid Claims Standard 35-File.

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**Top 10 Mental Health Conditions for Women
In the Medi-Cal Fee-for-Service Program
By Clinical Condition and Ethnic Group: Black
Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	Black	
	Number of Persons	Prevalence Rate (%)
Mood disorders	6,286	3.41
Schizophrenia and other psychotic disorders	4,536	2.46
Anxiety disorders	3,754	2.03
Delirium, dementia, and other cognitive disorders	2,914	1.58
Developmental disorders	2,204	1.19
Substance-related disorders	1,600	0.87
Screening of mental health & substance abuse	1,189	0.64
Alcohol-related disorders	783	0.42
Attention-deficit, conduct & disruptive behavior	744	0.40
Adjustment disorders	475	0.26

Please refer to Top 10 Mental Health Conditions for Women, By Ethnic Group Analytic Notes for methodology and data limitations.

Source: Fee-For-Service Medi-Cal Paid Claims System, Medi-Cal Paid Claims Standard 35-File.

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**Top 10 Mental Health Conditions for Women
In the Medi-Cal Fee-for-Service Program
By Clinical Condition and Ethnic Group: Asian
Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	Asian	
	Number of Persons	Prevalence Rate (%)
Delirium, dementia, and other cognitive disorders	5,157	2.19
Mood disorders	3,890	1.65
Anxiety disorders	2,152	0.91
Schizophrenia and other psychotic disorders	1,902	0.81
Developmental disorders	951	0.40
Substance-related disorders	269	0.11
Screening of mental health & substance abuse	248	0.11
Adjustment disorders	220	0.09
Attention-deficit, conduct & disruptive behavior	140	0.06
Alcohol-related disorders	87	0.04

Please refer to Top 10 Mental Health Conditions for Women, By Ethnic Group Analytic Notes for methodology and data limitations.

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