

## **Top 30 Medical 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, 9<sup>th</sup> 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 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 which 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.

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

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 found 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.

Source for Top 30 Medical 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 30 Medical 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 30 Medical 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 (%)
Normal pregnancy and/or delivery	341,478	14.91
Blindness and vision defects	275,811	12.04
Essential hypertension	210,095	9.18
Other complications of birth	185,463	8.10
Spondylosis; intervertebral disc disorders	185,112	8.08
Abdominal pain	183,581	8.02
Mood disorders	166,702	7.28
Other non-traumatic joint disorders	163,361	7.13
Diabetes mellitus without complication	162,534	7.10
Other lower respiratory disease	155,331	6.78
Nonspecific chest pain	141,102	6.16
Other connective tissue disease	141,083	6.16
Other upper respiratory infections	140,806	6.15
Other complications of pregnancy	135,167	5.90
Urinary tract infections	132,438	5.78
Contraceptive and procreative management	112,801	4.93
Disorders of teeth and jaw	100,146	4.37
Immunizations and screening for infectious disease	94,606	4.13
Headache; including migraine	93,078	4.06
Other female genital disorders	90,110	3.94
Disorders of lipid metabolism	88,944	3.88
Osteoarthritis	86,785	3.79
Diabetes mellitus with complications	86,586	3.78
Other skin disorders	80,697	3.52
Chronic obstructive pulmonary disease	80,419	3.51
Other nervous system disorders	79,407	3.47
Other gastrointestinal disorders	74,319	3.25
Menstrual disorders	71,660	3.13
Deficiency and other anemia	71,501	3.12
Cardiac dysrhythmias	68,032	2.97

Please refer to Top 30 Medical Conditions for Women, By Ethnic Group Analytic Notes for methodology and data limitations.

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**Top 30 Medical Conditions for Women  
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By Clinical Condition and Ethnic Group: White  
Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	White	
	Number of Persons	Prevalence Rate (%)
Blindness and vision defects	93,556	17.06
Spondylosis; intervertebral disc disorders	73,298	13.37
Other non-traumatic joint disorders	60,839	11.10
Essential hypertension	59,671	10.88
Other lower respiratory disease	56,467	10.30
Other connective tissue disease	55,579	10.14
Abdominal pain	53,266	9.71
Other upper respiratory infections	46,966	8.57
Nonspecific chest pain	46,120	8.41
Normal pregnancy and/or delivery	46,022	8.39
Diabetes mellitus without complication	43,381	7.91
Disorders of teeth and jaw	40,525	7.39
Urinary tract infections	39,153	7.14
Chronic obstructive pulmonary disease	36,939	6.74
Mood disorders	36,334	6.63
Other nervous system disorders	34,289	6.25
Other skin disorders	32,081	5.85
Other female genital disorders	29,889	5.45
Headache; including migraine	29,582	5.40
Osteoarthritis	29,123	5.31
Disorders of lipid metabolism	27,470	5.01
Other gastrointestinal disorders	26,785	4.89
Sprains and strains	26,763	4.88
Contraceptive and procreative management	26,699	4.87
Other complications of birth	25,639	4.68
Cardiac dysrhythmias	25,492	4.65
Other injuries and conditions, external causes	25,310	4.62
Immunizations and screening for infectious disease	24,030	4.38
Asthma	23,471	4.28
Skin and subcutaneous tissue infections	23,189	4.23

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**Top 30 Medical 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 (%)
Normal pregnancy and/or delivery	241,526	20.79
Other complications of birth	131,805	11.34
Other complications of pregnancy	93,017	8.01
Blindness and vision defects	85,283	7.34
Abdominal pain	83,900	7.22
Contraceptive and procreative management	64,265	5.53
Urinary tract infections	63,408	5.46
Diabetes mellitus without complication	61,277	5.27
Essential hypertension	59,842	5.15
Other upper respiratory infections	58,822	5.06
Spondylosis; intervertebral disc disorders	50,665	4.36
Other lower respiratory disease	47,523	4.09
Nonspecific chest pain	47,184	4.06
Other non-traumatic joint disorders	46,883	4.04
Immunizations and screening for infectious disease	42,332	3.64
Other connective tissue disease	41,630	3.58
Other female genital disorders	40,457	3.48
Early or threatened labor	38,704	3.33
Disorders of teeth and jaw	38,639	3.33
Headache; including migraine	38,246	3.29
Menstrual disorders	34,965	3.01
Diabetes mellitus with complications	34,339	2.96
Hemorrhage during pregnancy	33,998	2.93
Fetopelvic disproportion; obstruction	31,231	2.69
Disorders of lipid metabolism	28,601	2.46
Previous C-section	27,675	2.38
Other skin disorders	27,210	2.34
Deficiency and other anemia	26,991	2.32
OB-related trauma to perineum and vulva	25,655	2.21
Other gastrointestinal disorders	23,922	2.06

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**Top 30 Medical Conditions for Women  
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By Clinical Condition and Ethnic Group: Black  
Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	Black	
	Number of Persons	Prevalence Rate (%)
Blindness and vision defects	26,492	14.36
Essential hypertension	26,099	14.15
Spondylosis; intervertebral disc disorders	18,659	10.11
Other lower respiratory disease	17,703	9.59
Nonspecific chest pain	17,653	9.57
Other non-traumatic joint disorders	17,525	9.50
Normal pregnancy and/or delivery	17,456	9.46
Abdominal pain	17,156	9.30
Other connective tissue disease	15,992	8.67
Diabetes mellitus without complication	15,859	8.60
Other upper respiratory infections	11,834	6.41
Urinary tract infections	10,838	5.87
Asthma	10,200	5.53
Contraceptive and procreative management	10,128	5.49
Chronic obstructive pulmonary disease	9,862	5.34
Osteoarthritis	9,408	5.10
Immunizations and screening for infectious disease	9,272	5.03
Diabetes mellitus with complications	9,089	4.93
Other nervous system disorders	8,980	4.87
Other complications of birth	8,954	4.85
Deficiency and other anemia	8,716	4.72
Headache; including migraine	8,638	4.68
Other female genital disorders	8,607	4.66
Other skin disorders	8,222	4.46
Other complications of pregnancy	8,160	4.42
Inflammatory diseases of female pelvic organs	7,984	4.33
Other gastrointestinal disorders	7,461	4.04
Other injuries and conditions, external causes	7,295	3.95
Menstrual disorders	7,275	3.94
Cardiac dysrhythmias	7,034	3.81

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**Top 30 Medical Conditions for Women  
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Fiscal Year 2008/09**

Clinical Condition	Ethnic Group	
	Asian	
	Number of Persons	Prevalence Rate (%)
Blindness and vision defects	46,405	19.69
Essential hypertension	46,242	19.62
Diabetes mellitus without complication	28,363	12.03
Spondylosis; intervertebral disc disorders	27,923	11.85
Other non-traumatic joint disorders	24,550	10.42
Other lower respiratory disease	21,358	9.06
Nonspecific chest pain	19,423	8.24
Disorders of lipid metabolism	18,871	8.01
Osteoarthritis	17,875	7.58
Abdominal pain	17,761	7.54
Cataract	17,574	7.46
Normal pregnancy and/or delivery	17,156	7.28
Other connective tissue disease	16,712	7.09
Other upper respiratory infections	14,247	6.05
Diabetes mellitus with complications	13,776	5.85
Coronary atherosclerosis and other heart disease	12,064	5.12
Cardiac dysrhythmias	11,469	4.87
Osteoporosis	10,846	4.60
Urinary tract infections	10,525	4.47
Immunizations and screening for infectious disease	10,501	4.46
Headache; including migraine	10,452	4.43
Other gastrointestinal disorders	10,141	4.30
Other eye disorders	9,920	4.21
Other upper respiratory disease	9,734	4.13
Deficiency and other anemia	9,724	4.13
Other complications of birth	8,982	3.81
Gastritis and duodenitis	8,733	3.71
Chronic obstructive pulmonary disease	8,494	3.60
Other nervous system disorders	8,432	3.58
Hypertension with complications and secondary hype	8,077	3.43

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