

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2007

Office of Statewide Health Planning and Development, Hospital Patient Data



		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Alameda	Alameda County Medical Center – Highland Campus	19.0 (253)	10.9 (126)	27.9 (55)	28.2 (50)	81.4 (70)
	Alameda Hospital					95.0 (19)
	Alta Bates Summit Medical Center – Alta Bates Campus	23.1 (1,634)	13.4 (814)	19.2 (227)	20.3 (209)	93.4 (142)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					90.4 (188)
	Children’s Hospital and Research Center at Oakland					
	Eden Medical Center	25.5 (231)	15.3 (122)	0.7 (1)		85.4 (88)
	Kaiser Foundation Hospital – Fremont					95.9 (94)
	Kaiser Foundation Hospital – Hayward	24.9 (689)	17.2 (415)	22.8 (90)	23.2 (83)	75.9 (110)
	Kaiser Foundation Hospital – Oakland Campus	26.4 (607)	17.7 (352)	17.1 (59)	16.9 (52)	76.8 (63)
	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	25.3 (247)	15.1 (129)	1.5 (2)	1.7 (2)	90.1 (91)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

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	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	San Leandro Hospital					83.9 (47)
	Valley Memorial Hospital – Livermore	32.2 (442)	20.6 (241)	1.7 (4)	1.5 (3)	91.3 (84)
	Washington Hospital – Fremont	25.9 (702)	15.0 (351)	8.1 (34)	7.1 (27)	87.0 (94)
Amador	Sutter Amador Hospital	23.7 (65)	13.7 (33)	4.3 (2)	3.0 (1)	81.6 (40)
Butte	Biggs Gridley Memorial Hospital					85.7 (6)
	Enloe Medical Center – Esplanade Campus	23.9 (339)	14.5 (183)	3.9 (7)	4.3 (7)	82.8 (106)
	Feather River Hospital	24.0 (182)	14.6 (98)	1.9 (2)	1.2 (1)	92.9 (52)
	Oroville Hospital	26.7 (143)	14.3 (65)	4.0 (4)	3.7 (3)	93.6 (176)
Calaveras	Mark Twain Saint Joseph’s Hospital					60.0 (18)
Colusa	Colusa Regional Medical Center	35.3 (72)	22.8 (39)			33.3 (3)

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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Contra Costa	Contra Costa Regional Medical Center	20.2 (423)	12.2 (220)	27.1 (87)	28.3 (80)	97.6 (122)
	Doctors Medical Center – San Pablo / Pinole					92.0 (46)
	John Muir Medical Center – Concord Campus					94.3 (116)
	John Muir Medical Center – Walnut Creek Campus	25.6 (624)	13.6 (276)	12.7 (58)	13.9 (56)	83.8 (165)
	Kaiser Foundation Hospital – Antioch	20.4 (28)	13.5 (17)			92.3 (12)
	Kaiser Foundation Hospital – Richmond Campus					95.7 (45)
	Kaiser Foundation Hospital – Walnut Creek	25.0 (994)	16.4 (569)	13.7 (81)	15.7 (79)	80.6 (195)
	San Ramon Regional Medical Center	39.2 (261)	26.8 (148)			95.7 (67)
	Sutter Delta Medical Center	22.5 (207)	12.2 (97)	8.5 (12)	9.8 (12)	90.6 (87)
Del Norte	Sutter Coast Hospital	18.3 (62)	10.4 (32)			89.3 (25)

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El Dorado	Barton Memorial Hospital	29.3 (140)	17.8 (73)	2.6 (2)	1.5 (1)	88.5 (69)
	Marshall Medical Center	28.0 (163)	17.5 (88)	5.8 (5)	5.1 (4)	88.2 (90)
Fresno	Coalinga Regional Medical Center					
	Community Medical Center – Clovis	32.4 (975)	19.0 (470)	6.4 (38)	6.3 (34)	92.4 (170)
	Community Regional Medical Center – Fresno	26.5 (1,563)	13.1 (645)	7.9 (95)	7.3 (72)	82.2 (212)
	Fresno Heart and Surgical Hospital					86.7 (26)
	Fresno Surgical Hospital					80.0 (4)
	Kaiser Foundation Hospital – Fresno	23.8 (289)	14.3 (147)	20.9 (44)	23.2 (43)	70.7 (94)
	Kingsburg Medical Center					
	Saint Agnes Medical Center	32.2 (1,207)	20.5 (649)	4.2 (28)	4.1 (24)	83.5 (237)
	San Joaquin Valley Rehabilitation Hospital					
	Sierra Kings District Hospital	33.7 (498)	18.9 (229)			100.0 (11)

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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	University Medical Center					79.6 (39)
Glenn	Glenn Medical Center					
Humboldt	Jerold Phelps Community Hospital					
	Mad River Community Hospital	22.7 (118)	16.2 (75)	23.0 (14)	23.2 (13)	74.4 (32)
	Redwood Memorial Hospital	20.8 (62)	8.7 (22)	13.0 (6)	13.0 (6)	94.7 (18)
	Saint Joseph Hospital – Eureka	30.0 (180)	18.8 (97)			81.9 (59)
Imperial	El Centro Regional Medical Center	46.1 (641)	31.3 (340)	0.9 (3)	1.0 (3)	82.4 (75)
	Pioneers Memorial Hospital	25.9 (386)	12.8 (162)	0.4 (1)	0.4 (1)	87.2 (75)
Inyo	Northern Inyo Hospital	29.1 (55)	16.3 (26)			86.4 (19)
	Southern Inyo Hospital					
Kern	Bakersfield Heart Hospital					75.0 (36)

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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Bakersfield Memorial Hospital	21.7 (501)	9.1 (178)	8.3 (32)	8.2 (29)	75.2 (182)
	Delano Regional Medical Center	24.3 (215)	9.6 (71)	0.6 (1)	0.7 (1)	49.7 (72)
	Good Samaritan Hospital – Bakersfield					75.0 (6)
	Kern Medical Center	22.4 (820)	9.3 (281)	15.2 (113)	15.5 (99)	81.0 (85)
	Kern Valley Healthcare District					100.0 (4)
	Mercy Hospital – Bakersfield	22.7 (754)	13.1 (374)	16.9 (89)	17.4 (80)	88.1 (200)
	Ridgecrest Regional Hospital	35.9 (180)	21.7 (88)	2.9 (3)	3.2 (3)	91.2 (62)
	San Joaquin Community Hospital	19.7 (497)	8.6 (188)	8.3 (29)	8.6 (29)	83.4 (131)
	Tehachapi Hospital					
Kings	Central Valley General Hospital	34.3 (690)	18.9 (309)	0.2 (1)		100.0 (15)
	Corcoran District Hospital					100.0 (3)

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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Hanford Community Medical Center	31.7 (299)	18.6 (146)	3.8 (7)	3.2 (5)	95.9 (117)
Lake	Redbud Community Hospital	20.2 (35)	6.2 (9)	7.1 (2)	7.1 (2)	58.3 (7)
	Sutter Lakeside Hospital	29.3 (98)	19.6 (56)	12.5 (7)	14.3 (7)	83.3 (20)
Lassen	Banner Lassen Medical Center	26.0 (58)	13.3 (25)	5.6 (2)	5.7 (2)	90.0 (27)
Los Angeles	Alhambra Hospital					53.8 (21)
	Antelope Valley Hospital Medical Center	29.1 (1,565)	16.5 (750)	2.1 (19)	1.7 (14)	82.4 (201)
	Barlow Respiratory Hospital					
	Bellflower Medical Center	37.6 (597)	24.5 (322)	0.3 (1)		94.6 (70)
	Beverly Hospital	33.8 (478)	19.4 (226)			65.1 (41)
	Brotman Medical Center					80.0 (36)
	California Hospital Medical Center – Los Angeles	26.6 (1,045)	16.2 (532)	21.0 (160)	20.6 (133)	88.6 (171)

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	Catalina Island Medical Center					
	Cedars Sinai Medical Center	31.8 (1,968)	23.0 (1,231)	11.9 (112)	11.9 (100)	83.6 (280)
	Centinela Freeman Regional Medical Center – Centinela Campus	31.5 (848)	17.8 (395)	5.4 (30)	5.8 (28)	85.9 (79)
	Centinela Freeman Regional Medical Center – Marina Campus					93.9 (31)
	Century City Doctors Hospital					92.9 (26)
	Children’s Hospital of Los Angeles					50.0 (1)
	Citrus Valley Medical Center – Inter Community Campus					82.4 (75)
	Citrus Valley Medical Center – Queen of the Valley Campus	43.8 (2,178)	29.6 (1,173)	1.2 (14)	1.0 (10)	81.9 (172)
	City of Angels – Downtown Campus					75.0 (12)
	City of Hope Helford Clinical Research Hospital					60.7 (17)
	Coast Plaza Doctors Hospital					73.5 (36)

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	Community Hospital of Long Beach					84.4 (27)
	Community and Mission Hospital of Huntington Park – Slauson	49.3 (735)	33.9 (384)	2.3 (9)	2.5 (9)	74.5 (102)
	Doctors Hospital of West Covina, Inc.					
	Downey Regional Medical Center	22.3 (344)	11.3 (149)	11.5 (30)	12.2 (27)	95.7 (133)
	Earl and Lorraine Miller Children’s Hospital	28.9 (1,391)	16.2 (643)	11.7 (121)	12.2 (104)	91.7 (11)
	East Los Angeles Doctors Hospital	43.7 (318)	25.8 (142)	0.5 (1)	0.6 (1)	71.9 (23)
	East Valley Hospital Medical Center	55.7 (204)	41.1 (113)			81.8 (9)
	Encino Tarzana Regional Medical Center – Encino					78.9 (15)
	Encino Tarzana Regional Medical Center – Tarzana	33.7 (611)	21.5 (326)	5.1 (17)	5.3 (16)	85.2 (144)
	Foothill Presbyterian Hospital – Johnston Memorial	41.6 (278)	27.4 (147)	0.7 (1)	0.8 (1)	79.5 (35)
	Garfield Medical Center	38.4 (1,226)	23.7 (607)	1.9 (14)	2.1 (13)	75.3 (67)

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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Glendale Adventist Medical Center – Wilson Terrace	34.9 (760)	23.5 (427)	6.2 (26)	6.5 (23)	84.5 (164)
	Glendale Memorial Hospital and Medical Center	30.3 (487)	16.9 (224)	4.5 (14)	5.1 (14)	68.3 (86)
	Good Samaritan Hospital – Los Angeles	27.4 (1,306)	15.8 (641)	6.4 (52)	6.2 (44)	73.9 (130)
	Greater El Monte Community Hospital	29.4 (171)	12.2 (57)	0.8 (1)		68.6 (24)
	Henry Mayo Newhall Memorial Hospital	30.4 (370)	16.9 (173)	0.9 (2)	0.5 (1)	89.5 (111)
	Hollywood Community Hospital					100.0 (4)
	Hollywood Presbyterian Medical Center	36.0 (1,512)	24.2 (843)	6.9 (56)	7.0 (50)	66.9 (79)
	Huntington Memorial Hospital	34.7 (1,024)	23.1 (572)	3.6 (20)	3.8 (18)	93.5 (360)
	Kaiser Foundation Hospital – Baldwin Park	23.6 (676)	13.5 (329)	18.5 (89)	19.1 (82)	93.4 (184)
	Kaiser Foundation Hospital – Bellflower	23.6 (703)	14.9 (380)	23.5 (118)	25.4 (110)	90.7 (312)
	Kaiser Foundation Hospital – Harbor City	26.6 (455)	16.5 (239)	17.0 (49)	17.9 (47)	76.6 (95)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Kaiser Foundation Hospital – Panorama City	30.3 (409)	21.2 (245)	15.4 (38)	15.9 (31)	69.4 (59)
	Kaiser Foundation Hospital – Sunset	33.7 (673)	25.4 (437)	14.0 (44)	14.8 (41)	76.3 (90)
	Kaiser Foundation Hospital – West Los Angeles	23.9 (317)	15.5 (181)	16.3 (32)	17.6 (29)	83.1 (74)
	Kaiser Foundation Hospital – Woodland Hills	24.5 (390)	14.9 (202)	21.3 (59)	21.3 (51)	84.9 (124)
	Kindred Hospital – La Mirada					
	Kindred Hospital – Los Angeles					
	Lakewood Regional Medical Center					74.4 (58)
	Lancaster Community Hospital					78.9 (75)
	Little Company of Mary Hospital – San Pedro	23.4 (185)	11.0 (75)	0.8 (1)	0.9 (1)	88.8 (79)
	Little Company of Mary Hospital – Torrance	30.7 (713)	21.6 (441)	2.0 (6)	1.8 (5)	91.6 (164)
	Long Beach Memorial Medical Center					84.1 (206)
	Los Angeles Community Hospital	59.4 (341)	47.1 (206)	1.4 (2)	1.5 (2)	86.5 (32)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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County	Hospital Name	Possible Over Utilization ¹		Possible Under Utilization ²		
		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Los Angeles County/Harbor – UCLA Medical Center	27.9 (274)	18.8 (158)	18.0 (29)	18.3 (26)	80.1 (214)
	Los Angeles County/Olive View – UCLA Medical Center	28.0 (245)	14.4 (97)	24.4 (57)	26.0 (52)	92.1 (455)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					100.0 (2)
	Los Angeles County/University of Southern California Medical Center	31.5 (394)	19.0 (191)	17.6 (54)	17.8 (44)	76.5 (166)
	Los Angeles Metropolitan Medical Center	33.2 (340)	18.8 (158)	0.5 (1)	0.5 (1)	50.0 (1)
	Martin Luther King Jr. – Harbor Hospital	31.3 (40)	18.9 (20)	16.7 (4)	9.1 (2)	90.6 (87)
	Memorial Hospital of Gardena	38.8 (571)	23.4 (275)			79.5 (35)
	Methodist Hospital of Southern California	27.5 (568)	17.2 (307)	7.2 (24)	6.8 (19)	86.4 (197)
	Miracle Mile Medical Center					
	Mission Community Hospital – Panorama Campus					59.3 (16)
	Monterey Park Hospital	39.9 (656)	25.1 (331)			70.6 (36)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html).

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County	Hospital Name	Possible Over Utilization ¹		Possible Under Utilization ²		
		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Motion Picture and Television Hospital					71.4 (5)
	Northridge Hospital Medical Center	34.7 (881)	20.5 (424)	2.1 (11)	1.9 (9)	78.0 (131)
	Norwalk Community Hospital					96.3 (26)
	Olympia Medical Center					81.8 (18)
	Pacific Alliance Medical Center, Inc.	35.0 (726)	21.4 (366)	1.3 (5)	1.4 (5)	70.6 (24)
	Pacific Hospital of Long Beach	30.6 (377)	10.9 (105)	0.3 (1)	0.4 (1)	84.6 (11)
	Pacifica Hospital of the Valley	46.0 (453)	31.8 (248)	0.4 (1)	0.5 (1)	63.9 (23)
	Pomona Valley Hospital Medical Center	31.9 (2,318)	17.0 (1,003)	4.2 (64)	4.0 (55)	70.4 (181)
	Presbyterian Intercommunity Hospital	29.2 (954)	17.3 (474)	10.5 (63)	9.6 (51)	86.9 (186)
	Promise Hospital of East Los Angeles – East Los Angeles Campus					
	Providence Holy Cross Medical Center	32.6 (825)	21.3 (461)	0.2 (1)	0.3 (1)	80.5 (128)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Providence Saint Joseph Medical Center	29.9 (869)	19.8 (500)	2.0 (9)	2.4 (9)	93.5 (286)
	Saint Francis Medical Center	33.7 (2,114)	20.6 (1,054)	8.3 (111)	8.1 (94)	79.6 (113)
	Saint John's Health Center	30.4 (510)	22.6 (339)	4.3 (9)	5.0 (9)	66.3 (63)
	Saint Mary Medical Center	27.1 (751)	16.5 (393)	7.3 (31)	7.5 (29)	69.2 (36)
	Saint Vincent Medical Center					71.2 (89)
	San Dimas Community Hospital	26.5 (188)	14.0 (85)	0.9 (1)	1.0 (1)	74.4 (32)
	San Gabriel Valley Medical Center	33.6 (723)	20.3 (360)	3.0 (13)	2.9 (11)	66.7 (44)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	40.5 (490)	28.0 (278)	1.2 (3)	1.4 (3)	78.9 (60)
	Sherman Oaks Hospital					94.3 (33)
	Shriners Hospital for Children – Los Angeles					
	Temple Community Hospital					77.8 (21)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

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County	Hospital Name	Possible Over Utilization ¹		Possible Under Utilization ²		
		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Torrance Memorial Medical Center	37.3 (1,248)	23.4 (634)	2.1 (15)	2.4 (15)	86.7 (235)
	Tri-City Regional Medical Center – Hawaiian Gardens					93.5 (58)
	UCLA Medical Center	25.0 (415)	17.0 (242)	23.2 (61)	25.8 (60)	55.6 (74)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					
	University of Southern California University Hospital					48.4 (30)
	Valley Presbyterian Hospital	37.5 (1,887)	23.0 (932)	2.6 (29)	2.7 (26)	80.3 (98)
	Verdugo Hills Hospital	38.4 (305)	27.3 (184)			88.9 (48)
	Vista Hospital of San Gabriel Valley					66.7 (2)
	Vista Hospital of South Bay					
	West Hills Hospital and Medical Center	38.3 (424)	25.4 (230)	2.8 (6)	3.0 (6)	78.9 (86)
	White Memorial Medical Center	32.6 (821)	20.8 (427)	14.5 (84)	15.1 (70)	88.9 (192)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html).

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Whittier Hospital Medical Center	30.8 (606)	17.5 (288)	0.6 (2)	0.6 (2)	91.6 (109)
Madera	Children's Hospital Central California					
	Madera Community Hospital	26.0 (464)	14.0 (211)	6.9 (22)	7.3 (20)	77.9 (53)
Marin	Kaiser Foundation Hospital – San Rafael					71.9 (46)
	Kentfield Rehabilitation Hospital					
	Marin General Hospital	23.3 (360)	14.3 (189)	20.3 (56)	23.0 (51)	85.7 (78)
	Novato Community Hospital					77.4 (24)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					92.2 (47)
	Mendocino Coast District Hospital	21.5 (34)	14.5 (21)			37.5 (3)
	Ukiah Valley Medical Center	21.7 (172)	13.5 (94)	17.9 (19)	19.6 (19)	91.2 (52)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html).

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Merced	Memorial Hospital Los Banos	24.1 (160)	9.0 (50)	0.8 (1)	0.9 (1)	93.5 (29)
	Mercy Medical Center – Merced	24.1 (609)	11.5 (249)	4.0 (17)	3.7 (14)	91.6 (153)
Modoc	Modoc Medical Center					
	Surprise Valley Community Hospital					
Mono	Mammoth Hospital	32.5 (38)	17.7 (17)			63.6 (7)
Monterey	Community Hospital Monterey Peninsula	28.3 (345)	17.9 (190)	1.2 (2)	1.3 (2)	88.3 (98)
	George L. Mee Memorial Hospital	28.5 (174)	14.4 (73)	1.7 (2)	1.0 (1)	98.0 (50)
	Natividad Medical Center	26.8 (592)	12.2 (223)	1.6 (7)	1.3 (5)	94.2 (147)
	Salinas Valley Memorial Hospital	29.2 (679)	15.9 (311)	0.5 (2)	0.3 (1)	93.1 (403)
Napa	N.M. Holderman Memorial Hospital (Veterans Home of California)					
	Queen of the Valley Hospital – Napa	21.1 (191)	11.2 (88)	14.6 (19)	12.7 (15)	90.7 (97)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html).

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Saint Helena Hospital	30.8 (81)	18.0 (40)			51.6 (16)
Nevada	Sierra Nevada Memorial Hospital	24.8 (107)	16.1 (62)	3.8 (2)	4.3 (2)	89.5 (102)
	Tahoe Forest Hospital	19.5 (91)	12.0 (51)	2.1 (1)		90.3 (28)
Orange	Anaheim General Hospital	29.1 (159)	15.1 (69)	1.1 (1)	1.1 (1)	95.9 (47)
	Anaheim Memorial Medical Center	24.5 (418)	13.5 (200)	3.6 (9)	2.7 (6)	87.9 (197)
	Anaheim Regional Medical Center					98.1 (106)
	Chapman Medical Center					85.4 (35)
	Children's Hospital at Mission					
	Children's Hospital of Orange County					100.0 (1)
	Coastal Communities Hospital	40.0 (876)	25.0 (438)	0.2 (1)	0.2 (1)	83.3 (60)
	College Hospital Costa Mesa					

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html).

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		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Fountain Valley Regional Hospital and Medical Center – Euclid	26.4 (896)	17.0 (506)	7.3 (36)	8.0 (34)	74.3 (162)
	Garden Grove Hospital and Medical Center	31.4 (855)	17.0 (379)	3.7 (21)	3.8 (19)	88.7 (118)
	Hoag Memorial Hospital Presbyterian	33.8 (1,595)	22.4 (896)	3.3 (27)	3.6 (26)	91.7 (343)
	Huntington Beach Hospital					89.2 (33)
	Irvine Medical Center	31.7 (554)	19.2 (278)	6.1 (19)	6.4 (19)	83.4 (121)
	Kaiser Foundation Hospital – Anaheim	23.1 (709)	14.3 (378)	20.9 (102)	21.9 (93)	88.6 (147)
	Kindred Hospital – Brea					
	Kindred Hospital – Westminster					
	La Palma Intercommunity Hospital	22.1 (67)	12.3 (33)			90.3 (28)
	Los Alamitos Medical Center	26.3 (456)	13.1 (192)	2.4 (7)	1.9 (5)	71.0 (76)
	Mission Hospital Laguna Beach	30.6 (189)	19.5 (101)	9.6 (10)	10.2 (10)	91.7 (11)
	Mission Hospital Regional Medical Center	29.2 (793)	18.1 (421)	5.1 (23)	4.6 (18)	94.2 (146)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

*See Webpage (http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html) for definitions. Blank cells indicate no deliveries or procedures were performed.

¹ Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

² Under Utilization means underuse of a medical procedure given current medical guidelines or best practices. VBAC includes all births with prior cesarean delivery in the denominator. Uncomplicated VBAC excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Laparoscopic Cholecystectomy denominator includes all patients 18 years and older with an uncomplicated cholecystectomy procedure (for example, procedures without rupture or obstruction of the gall bladder).

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Orange Coast Memorial Medical Center	27.1 (379)	14.8 (176)	3.9 (9)	3.3 (7)	82.8 (178)
	Placentia Linda Hospital					88.9 (88)
	Saddleback Memorial Medical Center	26.7 (626)	15.3 (299)	14.8 (67)	15.5 (60)	97.5 (78)
	Saddleback Memorial Medical Center – San Clemente					81.8 (27)
	Saint Joseph Hospital – Orange	32.5 (1,469)	19.7 (735)	6.8 (60)	6.9 (54)	87.0 (247)
	Saint Jude Medical Center	28.3 (523)	18.5 (295)	10.9 (32)	11.6 (30)	78.4 (156)
	Tustin Hospital and Medical Center					66.7 (14)
	UC Irvine Medical Center	25.3 (255)	15.5 (132)	19.3 (43)	21.7 (34)	71.7 (81)
	Western Medical Center – Anaheim	26.6 (721)	10.8 (240)	1.0 (5)	0.6 (3)	93.2 (41)
	Western Medical Center – Santa Ana	33.0 (992)	17.9 (437)	1.9 (12)	1.9 (11)	83.1 (103)
Placer	Kaiser Foundation Hospital – Sacramento/Roseville-Eureka					70.2 (144)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Sutter Auburn Faith Hospital	25.2 (121)	14.7 (62)			94.5 (69)
	Sutter Roseville Medical Center	24.2 (655)	12.8 (295)	9.9 (42)	10.2 (41)	87.6 (127)
Plumas	Eastern Plumas Hospital – Portola Campus					100.0 (1)
	Plumas District Hospital	23.2 (22)	13.1 (11)			100.0 (6)
	Seneca Healthcare District					100.0 (4)
Riverside	Corona Regional Medical Center – Main	27.4 (527)	16.0 (265)	1.0 (3)	1.1 (3)	78.6 (55)
	Desert Regional Medical Center	31.8 (1,027)	18.7 (500)	4.6 (28)	4.5 (25)	91.8 (246)
	Eisenhower Medical Center					88.4 (403)
	Hemet Valley Medical Center	40.3 (578)	29.7 (361)	0.4 (1)	0.5 (1)	62.4 (58)
	John F. Kennedy Memorial Hospital	31.2 (953)	16.9 (427)	0.8 (5)	0.8 (4)	96.7 (207)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Kaiser Foundation Hospital – Riverside	25.8 (909)	16.1 (488)	15.8 (87)	15.8 (79)	76.9 (123)
	Menifee Valley Medical Center					56.1 (37)
	Moreno Valley Community Hospital	23.8 (372)	10.5 (139)			82.9 (58)
	Palo Verde Hospital	36.9 (41)	30.3 (30)	5.9 (1)	8.3 (1)	100.0 (11)
	Parkview Community Hospital Medical Center	34.8 (603)	19.6 (274)	1.3 (5)	1.2 (4)	53.3 (16)
	Riverside Community Hospital	30.2 (948)	18.4 (492)	0.2 (1)	0.2 (1)	65.9 (137)
	Riverside County Regional Medical Center	23.2 (674)	9.3 (226)	7.4 (41)	7.4 (36)	86.0 (209)
	San Geronio Memorial Hospital	29.7 (128)	14.6 (52)			76.3 (29)
	Southwest Healthcare System – Murrieta	25.0 (854)	13.4 (394)	2.7 (14)	2.7 (13)	96.1 (292)
	Vista Hospital of Riverside					
Sacramento	Kaiser Foundation Hospital – Sacramento/Roseville-Morse	25.0 (868)	15.9 (474)	17.7 (101)	18.4 (89)	73.2 (104)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

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² Under Utilization means underuse of a medical procedure given current medical guidelines or best practices. VBAC includes all births with prior cesarean delivery in the denominator. Uncomplicated VBAC excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Laparoscopic Cholecystectomy denominator includes all patients 18 years and older with an uncomplicated cholecystectomy procedure (for example, procedures without rupture or obstruction of the gall bladder).

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Kaiser Foundation Hospital – South Sacramento	16.1 (532)	9.2 (270)	31.6 (133)	30.7 (116)	85.9 (110)
	Kindred Hospital – Sacramento					
	Mercy General Hospital	26.5 (644)	16.8 (354)	10.5 (38)	10.8 (35)	84.4 (103)
	Mercy Hospital – Folsom	25.3 (257)	12.3 (105)	5.8 (10)	6.2 (10)	87.5 (56)
	Mercy San Juan Hospital	23.7 (674)	14.5 (360)	13.2 (58)	14.2 (52)	87.3 (96)
	Methodist Hospital of Sacramento	24.1 (266)	15.0 (144)	12.9 (22)	14.7 (21)	86.7 (85)
	Shriners Hospital for Children Northern California					
	Sutter General Hospital					89.6 (155)
	Sutter Memorial Hospital	26.7 (1,305)	15.6 (640)	13.4 (123)	14.3 (111)	82.1 (23)
	UC Davis Medical Center	24.4 (539)	16.2 (307)	25.6 (96)	27.5 (88)	81.2 (155)
San Benito	Hazel Hawkins Memorial Hospital	30.2 (166)	17.3 (80)	2.1 (2)	1.1 (1)	91.1 (72)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
San Bernardino	Arrowhead Regional Medical Center	26.4 (965)	13.6 (415)	8.1 (54)	8.5 (51)	85.3 (250)
	Barstow Community Hospital	27.2 (88)	13.7 (37)	7.0 (4)	5.6 (3)	63.3 (19)
	Bear Valley Community Hospital					66.7 (6)
	Chino Valley Medical Center					86.5 (45)
	Colorado River Medical Center					
	Community Hospital of San Bernardino	41.3 (1,109)	27.1 (584)	0.9 (5)	0.6 (3)	81.8 (130)
	Desert Valley Hospital	30.0 (116)	14.6 (46)	1.3 (1)	1.4 (1)	71.0 (49)
	Hi-Desert Medical Center	32.3 (151)	22.0 (89)	1.4 (1)	1.6 (1)	84.8 (56)
	Kaiser Foundation Hospital – Fontana	22.3 (942)	12.1 (440)	13.6 (90)	14.0 (82)	83.9 (187)
	Kindred Hospital – Ontario					
	Loma Linda University Medical Center	27.2 (595)	15.9 (289)	16.0 (75)	16.6 (61)	71.4 (90)
	Montclair Hospital Medical Center	37.9 (335)	26.3 (196)	0.6 (1)	0.7 (1)	84.2 (32)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Mountains Community Hospital	26.0 (32)	15.7 (17)			50.0 (2)
	Rancho Specialty Hospital					
	Redlands Community Hospital	24.8 (538)	14.9 (285)	1.4 (4)	0.4 (1)	65.1 (95)
	Saint Bernardine Medical Center	20.0 (363)	10.3 (165)	6.0 (15)	6.6 (14)	76.2 (115)
	Saint Mary Regional Medical Center	17.8 (459)	8.6 (198)	2.2 (7)	2.6 (7)	78.3 (112)
	San Antonio Community Hospital	37.3 (756)	25.3 (431)	0.5 (2)	0.6 (2)	82.0 (205)
	Victor Valley Community Hospital	31.3 (479)	13.2 (160)	1.2 (4)	0.9 (3)	84.2 (64)
San Diego	Alvarado Hospital					73.4 (69)
	Children's Hospital – San Diego					80.0 (4)
	Fallbrook Hospital District	33.0 (147)	21.3 (79)	7.3 (6)	8.1 (6)	71.4 (25)
	Grossmont Hospital	29.6 (965)	19.3 (530)	14.4 (83)	15.0 (77)	86.4 (406)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Kaiser Foundation Hospital – San Diego	27.6 (1,061)	18.7 (621)	15.2 (90)	15.5 (81)	84.6 (143)
	Kindred Hospital – San Diego					
	Palomar Medical Center	28.4 (1,104)	16.4 (531)	12.7 (90)	13.3 (88)	87.8 (195)
	Paradise Valley Hospital	25.5 (357)	13.5 (163)	0.9 (2)	0.5 (1)	91.2 (52)
	Pomerado Hospital	31.8 (326)	17.9 (152)	0.5 (1)	0.6 (1)	78.1 (89)
	Promise Hospital of San Diego					100.0 (3)
	San Diego Hospice and Palliative Care – Acute Care Center					
	Scripps Green Hospital					92.7 (266)
	Scripps Memorial Hospital – Encinitas	22.9 (330)	12.4 (152)	18.9 (44)	18.7 (41)	91.1 (112)
	Scripps Memorial Hospital – La Jolla	35.1 (1,255)	24.1 (715)	10.3 (69)	10.9 (66)	89.3 (167)
	Scripps Mercy Hospital	23.5 (517)	15.7 (300)	25.6 (83)	26.2 (77)	90.4 (319)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Scripps Mercy Hospital – Chula Vista	32.7 (629)	23.4 (393)	4.5 (12)	4.5 (11)	90.1 (100)
	Sharp Chula Vista Medical Center	32.7 (1,021)	16.2 (405)	1.0 (7)	1.1 (7)	89.5 (171)
	Sharp Coronado Hospital and Healthcare Center					75.0 (18)
	Sharp Mary Birch Hospital for Women	34.5 (2,469)	22.6 (1,338)	8.4 (122)	8.4 (104)	
	Sharp Memorial Hospital					84.1 (233)
	Tri-City Medical Center – Oceanside	26.9 (933)	17.4 (523)	12.4 (67)	12.8 (60)	71.3 (164)
	UC San Diego Medical Center	30.7 (712)	22.1 (447)	11.9 (45)	11.7 (35)	73.6 (53)
San Francisco	California Pacific Medical Center – Pacific Campus	23.2 (1,197)	15.4 (711)	11.1 (74)	11.6 (64)	84.6 (215)
	California Pacific Medical Center – St. Luke’s Campus	18.6 (195)	11.3 (108)	8.2 (9)	9.4 (9)	85.0 (34)
	Chinese Hospital					71.1 (27)
	Kaiser Foundation Hospital – San Francisco	28.0 (638)	20.1 (401)	16.4 (53)	16.5 (47)	60.0 (36)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Laguna Honda Hospital and Rehabilitation Center					
	Saint Francis Memorial Hospital					72.2 (13)
	Saint Mary's Medical Center, San Francisco					69.8 (44)
	San Francisco General Hospital	17.7 (202)	11.0 (110)	33.1 (53)	33.8 (47)	87.4 (90)
	UC San Francisco Medical Center	21.3 (335)	15.4 (216)	25.2 (53)	28.7 (48)	55.1 (75)
San Joaquin	Dameron Hospital	26.4 (575)	15.9 (300)	5.5 (20)	4.2 (12)	71.5 (113)
	Doctors Hospital of Manteca	22.9 (164)	10.6 (65)	1.9 (2)		89.7 (52)
	Kaiser Foundation Hospital – Manteca					75.3 (61)
	Lodi Memorial Hospital	34.8 (414)	22.1 (220)	0.5 (1)		60.4 (93)
	Saint Joseph's Medical Center of Stockton	26.0 (583)	14.3 (276)	3.1 (11)	3.5 (11)	85.1 (211)
	San Joaquin General Hospital	25.9 (630)	11.9 (241)	4.9 (22)	4.4 (18)	94.8 (163)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Sutter Tracy Community Hospital	29.0 (204)	16.3 (97)	0.8 (1)	0.9 (1)	95.5 (105)
San Luis Obispo	Arroyo Grande Community Hospital					94.4 (51)
	French Hospital Medical Center	19.6 (158)	13.3 (99)	1.5 (1)	1.7 (1)	83.8 (31)
	Sierra Vista Regional Medical Center	31.9 (346)	18.7 (161)	15.9 (40)	17.0 (38)	86.3 (63)
	Twin Cities Community Hospital	24.2 (154)	14.2 (79)	5.4 (5)	5.1 (4)	77.3 (58)
San Mateo	Kaiser Foundation Hospital – Redwood City	15.7 (197)	10.1 (114)	31.6 (42)	32.5 (40)	64.7 (22)
	Kaiser Foundation Hospital – South San Francisco					82.9 (92)
	Menlo Park Surgical Hospital					
	Peninsula Medical Center	23.9 (398)	15.0 (221)	5.3 (13)	6.3 (12)	89.8 (106)
	San Mateo Medical Center					92.1 (58)
	Sequoia Hospital	30.0 (365)	18.7 (190)	10.7 (24)	12.1 (24)	88.7 (63)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Seton Medical Center	22.4 (144)	17.2 (100)	29.0 (20)	30.2 (19)	76.8 (96)
Santa Barbara	Goleta Valley Cottage Hospital	23.4 (66)	12.6 (31)			84.6 (22)
	Lompoc Healthcare District	25.2 (105)	15.4 (57)	2.0 (1)		70.6 (24)
	Marian Medical Center	31.8 (885)	16.4 (370)	1.0 (6)	0.8 (4)	86.9 (106)
	Santa Barbara Cottage Hospital	27.0 (580)	14.7 (269)	1.1 (4)	1.0 (3)	90.3 (307)
	Santa Ynez Valley Cottage Hospital					100.0 (4)
Santa Clara	Community Hospital of Los Gatos	27.6 (189)	16.7 (97)	12.5 (14)	13.2 (14)	88.1 (52)
	El Camino Hospital	29.2 (1,167)	18.7 (649)	1.7 (10)	1.9 (10)	85.8 (133)
	Good Samaritan Hospital – San Jose	34.6 (1,065)	24.1 (634)	4.2 (22)	3.8 (17)	89.4 (262)
	Kaiser Foundation Hospital – Santa Clara	23.1 (432)	16.6 (275)	25.5 (64)	27.0 (58)	81.6 (111)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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County	Hospital Name	Possible Over Utilization ¹		Possible Under Utilization ²		
		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Kaiser Foundation Hospital – Santa Clara	22.8 (321)	15.7 (194)	23.0 (45)	24.9 (42)	92.9 (79)
	Kaiser Foundation Hospital – Santa Teresa Community Hospital	21.2 (484)	13.4 (268)	21.4 (64)	21.5 (59)	71.9 (41)
	Lucile Salter Packard Children’s Hospital at Stanford	22.2 (983)	12.8 (488)	15.5 (116)	17.9 (108)	
	O’Connor Hospital – San Jose	28.4 (983)	16.8 (500)	2.0 (11)	2.2 (11)	88.4 (229)
	Regional Medical of San Jose	29.5 (189)	16.2 (87)	3.3 (4)	2.9 (3)	79.3 (165)
	Saint Louise Regional Hospital	24.0 (122)	13.3 (59)	2.8 (2)	1.6 (1)	91.4 (53)
	Santa Clara Valley Medical Center	18.7 (945)	9.8 (418)	31.7 (289)	33.5 (265)	72.0 (149)
	Stanford Hospital	80.0 (4)	80.0 (4)			55.1 (76)
Santa Cruz	Dominican Hospital – Santa Cruz/Soquel	23.5 (232)	12.3 (101)	21.0 (42)	22.9 (39)	100.0 (176)
	Sutter Maternity and Surgery Center of Santa Cruz	20.8 (183)	14.2 (112)	20.2 (20)	22.0 (20)	100.0 (63)
	Watsonville Community Hospital	26.1 (388)	13.7 (172)	7.2 (19)	6.9 (16)	94.4 (185)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007 .

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² Under Utilization means underuse of a medical procedure given current medical guidelines or best practices. VBAC includes all births with prior cesarean delivery in the denominator. Uncomplicated VBAC excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Laparoscopic Cholecystectomy denominator includes all patients 18 years and older with an uncomplicated cholecystectomy procedure (for example, procedures without rupture or obstruction of the gall bladder).

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County	Hospital Name	Possible Over Utilization ¹		Possible Under Utilization ²		
		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Shasta	Mayers Memorial Hospital	21.4 (22)	11.0 (10)			77.8 (7)
	Mercy Medical Center – Redding	24.9 (472)	13.4 (220)	0.7 (2)	0.8 (2)	84.4 (135)
	Northern California Rehabilitation Hospital					
	Patients' Hospital of Redding					100.0 (2)
	Shasta Regional Medical Center					86.7 (104)
Siskiyou	Fairchild Medical Center	36.0 (77)	25.8 (47)	5.6 (2)	6.3 (2)	93.8 (30)
	Mercy Medical Center Mt. Shasta	24.4 (39)	13.7 (19)	4.3 (1)	4.8 (1)	85.7 (30)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	25.2 (567)	15.8 (309)	15.0 (49)	14.9 (45)	76.5 (153)
	North Bay Medical Center	25.9 (370)	14.1 (174)	1.4 (3)	1.0 (2)	88.7 (86)
	North Bay VacaValley Hospital					90.0 (36)
	Sutter Solano Medical Center	25.0 (228)	14.8 (115)	16.2 (25)	16.9 (23)	87.7 (64)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIQualInd/Vol-Util_IndicatorsRpt/index.html).

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		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Sonoma	Healdsburg District Hospital					45.5 (5)
	Kaiser Foundation Hospital – Santa Rosa	23.0 (381)	14.0 (203)	16.7 (39)	15.2 (32)	65.1 (54)
	Palm Drive Hospital					75.0 (12)
	Petaluma Valley Hospital	23.4 (124)	13.3 (62)	1.4 (1)	1.6 (1)	94.1 (80)
	Santa Rosa Memorial Hospital – Montgomery	25.5 (279)	12.5 (110)	20.3 (48)	20.3 (43)	76.3 (106)
	Sonoma Valley Hospital	22.3 (43)	11.2 (19)			85.2 (23)
	Sutter Medical Center of Santa Rosa	17.0 (273)	9.8 (144)	0.7 (1)		79.7 (47)
Stanislaus	Doctors Medical Center	30.8 (1,308)	16.8 (585)	5.9 (50)	6.5 (50)	71.7 (124)
	Emanuel Medical Center, Inc.	20.4 (558)	9.4 (223)	4.4 (16)	4.6 (16)	88.8 (175)
	Memorial Hospital Medical Center – Modesto	28.2 (551)	16.9 (285)	1.0 (3)	0.4 (1)	77.4 (199)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2007.

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
	Oak Valley District Hospital	24.1 (70)	13.0 (33)	2.6 (1)		62.5 (15)
	Stanislaus Surgical Hospital					83.3 (5)
Sutter	Fremont Medical Center	24.9 (515)	12.5 (217)	9.6 (35)	9.1 (30)	93.9 (31)
Tehama	Saint Elizabeth Community Hospital	23.2 (152)	13.1 (76)			85.0 (51)
Trinity	Trinity Hospital					40.0 (2)
Tulare	Kaweah Delta District Hospital	32.1 (1,175)	18.5 (559)	3.4 (25)	3.4 (22)	75.7 (168)
	Sierra View District Hospital	27.3 (546)	16.4 (285)	0.4 (1)	0.4 (1)	84.3 (91)
	Tulare District Hospital	36.8 (419)	21.9 (202)	0.4 (1)	0.5 (1)	78.5 (84)
Tuolumne	Sonora Regional Medical Center – Greenley	31.1 (158)	18.4 (79)			87.9 (51)
	Tuolumne General Medical Facility					100.0 (8)

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Ventura	Community Memorial Hospital – San Buenaventura	30.3 (820)	16.2 (363)	1.6 (8)	1.7 (8)	93.3 (235)
	Los Robles Hospital and Medical Center	34.4 (598)	22.5 (326)	6.8 (24)	6.8 (20)	92.0 (173)
	Ojai Valley Community Hospital					72.7 (16)
	Saint John’s Pleasant Valley Hospital	17.6 (79)	10.4 (43)	2.5 (1)	2.7 (1)	94.1 (48)
	Saint John’s Regional Medical Center	22.9 (372)	13.4 (193)	0.9 (2)	1.1 (2)	84.1 (127)
	Simi Valley Hospital and Healthcare Services – Sycamore	27.5 (146)	17.2 (80)	1.4 (1)	1.5 (1)	94.5 (69)
	Thousand Oaks Surgical Hospital					100.0 (17)
	Ventura County Medical Center	24.4 (735)	11.1 (284)	2.3 (12)	2.2 (10)	94.9 (240)
Yolo	Sutter Davis Hospital	14.8 (181)	7.4 (83)	0.9 (1)		93.8 (30)
	Woodland Memorial Hospital	23.3 (153)	12.4 (71)	2.2 (2)	2.4 (2)	85.0 (51)

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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STATEWIDE AVERAGE		28.6 (140,559)	17.0 (70,889)	8.2 (7,034)	8.3 (6,289)	83.8 (31,196)
Yuba	Rideout Memorial Hospital					80.6 (125)

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