

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2006

Office of Statewide Health Planning and Development, Hospital Patient Data



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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
Alameda	Alameda County Medical Center – Highland Campus	20.9 (315)	12.6 (160)	31.4 (77)	32.9 (76)	77.8 (70)
	Alameda Hospital					82.6 (19)
	Alta Bates Summit Medical Center – Alta Bates Campus	25.1 (1,645)	16.0 (900)	20.0 (216)	21.0 (198)	88.0 (132)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					92.2 (200)
	Children’s Hospital and Research Center at Oakland					100.0 (1)
	Eden Medical Center	26.3 (249)	16.9 (141)	2.3 (3)	2.7 (3)	88.6 (117)
	Kaiser Foundation Hospital – Fremont					87.4 (104)
	Kaiser Foundation Hospital – Hayward	22.6 (587)	14.8 (337)	21.8 (85)	23.1 (75)	76.3 (116)
	Kaiser Foundation Hospital – Oakland Campus	27.1 (583)	18.1 (336)	15.8 (53)	15.7 (46)	69.1 (67)
	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	22.1 (224)	13.1 (118)	3.9 (5)	3.6 (4)	85.6 (77)

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, 2006.

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	STATEWIDE AVERAGE	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	San Leandro Hospital					80.0 (48)
	Valley Memorial Hospital – Livermore	32.4 (449)	20.2 (236)	2.9 (7)	3.2 (7)	93.4 (85)
	Washington Hospital – Fremont	24.3 (615)	14.6 (323)	9.4 (33)	8.8 (28)	87.2 (129)
Amador	Sutter Amador Hospital	41.1 (62)	26.4 (32)			71.1 (27)
Butte	Biggs Gridley Memorial Hospital					66.7 (2)
	Enloe Medical Center – Esplanade Campus	24.6 (390)	13.5 (186)	3.6 (8)	3.8 (8)	69.2 (83)
	Feather River Hospital	23.9 (168)	15.2 (96)	2.4 (2)	2.7 (2)	95.8 (68)
	Oroville Hospital	31.7 (170)	17.6 (78)	1.9 (2)	2.1 (2)	92.1 (187)
Calaveras	Mark Twain Saint Joseph’s Hospital	16.5 (16)	4.7 (4)			60.9 (14)
Colusa	Colusa Regional Medical Center	32.1 (67)	19.0 (33)	2.4 (1)	2.9 (1)	22.2 (2)

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STATEWIDE AVERAGE		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
Contra Costa	Contra Costa Regional Medical Center	19.5 (404)	11.6 (206)	29.8 (96)	31.3 (90)	85.8 (91)
	Doctors Medical Center – San Pablo / Pinole	16.1 (73)	11.5 (49)	10.7 (3)	11.1 (3)	85.9 (55)
	John Muir Medical Center – Concord Campus					92.4 (145)
	John Muir Medical Center – Walnut Creek Campus	25.3 (650)	14.6 (317)	13.5 (60)	15.1 (59)	91.8 (202)
	Kaiser Foundation Hospital – Richmond Campus					77.8 (14)
	Kaiser Foundation Hospital – Walnut Creek	21.4 (829)	13.8 (473)	17.6 (90)	18.5 (81)	83.2 (228)
	San Ramon Regional Medical Center	38.8 (287)	26.3 (161)			93.8 (75)
	Sutter Delta Medical Center	21.6 (190)	12.9 (100)	15.4 (19)	15.9 (17)	90.1 (82)
Del Norte	Sutter Coast Hospital	20.3 (69)	12.3 (38)			87.5 (21)
El Dorado	Barton Memorial Hospital	24.0 (117)	12.1 (51)	1.3 (1)	1.5 (1)	94.3 (83)

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	STATEWIDE AVERAGE	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Marshall Medical Center	25.2 (153)	13.9 (72)	10.9 (11)	8.0 (7)	91.6 (87)
Fresno	Coalinga Regional Medical Center					
	Community Medical Center – Clovis	32.5 (856)	18.9 (408)	5.4 (28)	4.9 (23)	89.1 (98)
	Community Regional Medical Center – Fresno	26.8 (1,804)	13.5 (759)	7.8 (105)	7.5 (85)	77.4 (127)
	Fresno Heart Hospital					95.2 (20)
	Fresno Surgery Center					93.3 (28)
	Kaiser Foundation Hospital – Fresno	24.1 (286)	16.4 (168)	23.9 (43)	26.7 (43)	80.3 (106)
	Kingsburg Medical Center					
	Saint Agnes Medical Center	31.8 (1,021)	20.2 (548)	3.7 (20)	3.9 (19)	83.2 (232)
	San Joaquin Valley Rehabilitation Hospital					
	Sierra Kings District Hospital	30.2 (453)	15.9 (198)			88.9 (8)
	University Medical Center					74.6 (103)

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	STATEWIDE AVERAGE	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
Glenn	Glenn Medical Center					
Humboldt	Jerold Phelps Community Hospital					
	Mad River Community Hospital	19.1 (96)	11.6 (51)	29.0 (20)	30.8 (20)	72.9 (35)
	Redwood Memorial Hospital	17.0 (62)	9.9 (32)	26.5 (13)	28.6 (12)	92.3 (12)
	Saint Joseph Hospital – Eureka	28.0 (172)	16.9 (90)	2.1 (2)	1.2 (1)	85.2 (75)
Imperial	El Centro Regional Medical Center	43.0 (600)	27.5 (300)	0.9 (3)	1.0 (3)	86.7 (72)
	Pioneers Memorial Hospital	25.1 (350)	10.7 (125)			82.9 (68)
Inyo	Northern Inyo Hospital	21.4 (45)	9.3 (17)			100.0 (49)
	Southern Inyo Hospital					
Kern	Bakersfield Heart Hospital					77.5 (31)
	Bakersfield Memorial Hospital	18.4 (452)	8.6 (186)	12.6 (44)	12.8 (39)	73.6 (187)

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STATEWIDE AVERAGE		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Delano Regional Medical Center	23.6 (210)	10.2 (77)	1.4 (2)	1.5 (2)	61.0 (72)
	Good Samaritan Hospital – Bakersfield					66.7 (6)
	Kern Medical Center	24.0 (912)	10.9 (340)	16.6 (132)	16.1 (110)	76.2 (80)
	Kern Valley Healthcare District					100.0 (2)
	Mercy Hospital – Bakersfield	24.0 (769)	14.5 (396)	19.1 (101)	20.0 (93)	85.0 (210)
	Ridgecrest Regional Hospital	33.4 (160)	20.9 (84)	2.4 (2)	2.6 (2)	90.9 (50)
	San Joaquin Community Hospital	20.1 (409)	7.6 (131)	8.4 (28)	9.2 (28)	83.9 (141)
	Tehachapi Hospital					
Kings	Central Valley General Hospital	34.1 (649)	19.1 (294)	1.3 (5)	1.4 (5)	91.7 (22)
	Corcoran District Hospital					100.0 (3)
	Hanford Community Medical Center	30.0 (201)	15.7 (86)	4.3 (6)	5.0 (6)	90.8 (99)

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Lake	Redbud Community Hospital	18.1 (32)	5.3 (8)	3.7 (1)	4.0 (1)	75.0 (12)
	Sutter Lakeside Hospital	27.0 (82)	16.0 (42)	4.5 (2)	2.4 (1)	86.0 (49)
Lassen	Banner Lassen Medical Center	24.2 (51)	10.1 (18)			78.9 (15)
Los Angeles	Alhambra Hospital					61.5 (8)
	Antelope Valley Hospital Medical Center	25.7 (1,324)	13.6 (601)	3.8 (32)	3.2 (24)	79.5 (178)
	Barlow Respiratory Hospital					
	Bellflower Medical Center	39.0 (722)	23.8 (353)			87.5 (49)
	Beverly Hospital	35.4 (586)	21.5 (293)	0.3 (1)	0.3 (1)	77.4 (89)
	Brotman Medical Center					66.7 (38)
	California Hospital Medical Center – Los Angeles	25.9 (893)	16.2 (464)	22.7 (158)	24.7 (141)	87.4 (146)
	Catalina Island Medical Center					

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STATEWIDE AVERAGE		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Cedars Sinai Medical Center	29.3 (1,781)	21.6 (1,153)	14.6 (125)	14.7 (108)	81.9 (298)
	Centinela Freeman Regional Medical Center – Centinela Campus	28.0 (912)	14.4 (388)	5.6 (37)	5.9 (33)	83.8 (62)
	Centinela Freeman Regional Medical Center – Marina Campus					96.0 (24)
	Centinela Freeman Regional Medical Center – Memorial Campus	33.3 (6)	20.0 (3)			79.4 (27)
	Century City Doctors Hospital					90.0 (45)
	Children’s Hospital of Los Angeles					100.0 (4)
	Citrus Valley Medical Center – Inter Community Campus					77.1 (64)
	Citrus Valley Medical Center – Queen of the Valley Campus	42.0 (2,105)	28.2 (1,136)	1.6 (17)	1.2 (12)	83.5 (152)
	City of Angels – Downtown Campus					75.0 (9)
	Coast Plaza Doctors Hospital					59.5 (25)
	Community Hospital of Long Beach					89.7 (26)

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	Community and Mission Hospital of Huntington Park – Slauson	49.8 (889)	35.2 (483)	1.6 (7)	1.7 (7)	75.5 (83)
	Doctors Hospital of West Covina, Inc.					50.0 (2)
	Downey Regional Medical Center	25.5 (372)	14.2 (175)	12.1 (30)	12.8 (29)	89.3 (117)
	Earl and Lorraine Miller Children’s Hospital	28.2 (1,411)	15.9 (660)	11.4 (117)	12.3 (105)	77.8 (7)
	East Los Angeles Doctors Hospital	42.7 (368)	27.7 (189)			45.7 (16)
	East Valley Hospital Medical Center	51.7 (195)	38.2 (112)	1.1 (1)	1.2 (1)	84.6 (11)
	Encino Tarzana Regional Medical Center – Encino					75.0 (18)
	Encino Tarzana Regional Medical Center – Tarzana	30.3 (592)	18.4 (304)	4.2 (14)	4.3 (13)	70.8 (102)
	Foothill Presbyterian Hospital – Johnston Memorial	34.7 (213)	20.8 (105)			85.7 (48)
	Garfield Medical Center	38.6 (1,328)	24.4 (677)	1.8 (14)	1.2 (8)	65.0 (65)
	Glendale Adventist Medical Center – Wilson Terrace	33.1 (739)	21.5 (399)	8.7 (38)	8.8 (33)	89.0 (154)

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	Glendale Memorial Hospital and Medical Center	28.5 (416)	17.7 (223)	6.1 (14)	5.4 (11)	66.0 (95)
	Good Samaritan Hospital – Los Angeles	27.9 (1,242)	17.7 (677)	9.9 (69)	10.0 (63)	76.1 (108)
	Greater El Monte Community Hospital	30.3 (207)	15.8 (89)			65.9 (27)
	Helford Clinical Research Hospital at City of Hope					47.8 (11)
	Henry Mayo Newhall Memorial Hospital	29.8 (378)	16.4 (175)			91.5 (118)
	Hollywood Community Hospital					
	Hollywood Presbyterian Medical Center	35.7 (1,431)	24.1 (797)	8.9 (72)	9.3 (65)	71.1 (86)
	Huntington Memorial Hospital	33.1 (931)	21.2 (500)	5.0 (28)	5.3 (24)	92.6 (363)
	Kaiser Foundation Hospital – Baldwin Park	20.8 (579)	12.6 (307)	20.8 (82)	22.3 (78)	85.7 (126)
	Kaiser Foundation Hospital – Bellflower	21.6 (630)	13.1 (327)	26.0 (129)	27.9 (117)	92.2 (260)
	Kaiser Foundation Hospital – Harbor City	27.9 (446)	19.7 (275)	15.2 (36)	17.0 (35)	70.9 (122)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2006.](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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Kaiser Foundation Hospital – Panorama City	32.0 (411)	20.4 (218)	12.5 (35)	11.1 (24)	60.3 (41)
	Kaiser Foundation Hospital – Sunset	30.1 (623)	22.1 (395)	19.6 (62)	20.3 (58)	75.7 (84)
	Kaiser Foundation Hospital – West Los Angeles	24.8 (333)	18.3 (215)	27.5 (55)	29.3 (49)	84.1 (69)
	Kaiser Foundation Hospital – Woodland Hills	23.9 (357)	13.7 (174)	18.6 (49)	16.8 (37)	86.8 (118)
	Kindred Hospital – La Mirada					
	Kindred Hospital – Los Angeles					
	Lakewood Regional Medical Center					77.6 (76)
	Lancaster Community Hospital					76.8 (73)
	Little Company of Mary Hospital – San Pedro	24.8 (206)	13.2 (95)			89.8 (53)
	Little Company of Mary Hospital – Torrance	30.1 (647)	19.7 (366)	3.2 (10)	3.4 (10)	89.3 (134)
	Long Beach Memorial Medical Center					81.8 (233)
	Los Angeles Community Hospital	54.2 (232)	42.7 (146)			92.6 (25)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Los Angeles County/Harbor – UCLA Medical Center	18.4 (164)	10.5 (82)	23.0 (31)	24.1 (26)	77.6 (229)
	Los Angeles County/Olive View – UCLA Medical Center	31.6 (268)	17.9 (116)	23.2 (55)	24.4 (49)	93.5 (431)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					
	Los Angeles County/University of Southern California Medical Center	32.4 (391)	21.0 (207)	16.3 (48)	17.1 (38)	76.7 (155)
	Los Angeles Metropolitan Medical Center	30.8 (316)	17.9 (155)	0.6 (1)		50.0 (4)
	Martin Luther King Jr. – Harbor Hospital	32.6 (136)	19.6 (66)	10.8 (11)	12.5 (10)	77.3 (99)
	Memorial Hospital of Gardena	38.6 (573)	23.5 (280)	0.3 (1)	0.3 (1)	80.4 (37)
	Methodist Hospital of Southern California	29.6 (568)	19.7 (328)	5.2 (16)	5.9 (15)	89.8 (167)
	Miracle Mile Medical Center					
	Mission Community Hospital – Panorama Campus					65.5 (19)
	Monterey Park Hospital	35.1 (613)	21.1 (302)	0.9 (3)	1.0 (3)	57.1 (16)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2006.](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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Motion Picture and Television Hospital					83.3 (5)
	Northridge Hospital Medical Center	34.6 (844)	20.4 (406)	2.8 (14)	2.7 (12)	73.6 (103)
	Norwalk Community Hospital					86.2 (25)
	Olympia Medical Center					56.3 (9)
	Pacific Alliance Medical Center, Inc.	28.2 (528)	15.6 (248)	0.3 (1)	0.4 (1)	76.5 (13)
	Pacific Hospital of Long Beach	31.6 (336)	12.5 (104)			76.0 (19)
	Pacifica Hospital of the Valley	43.0 (435)	27.8 (220)	2.9 (7)	2.3 (5)	79.3 (23)
	Pomona Valley Hospital Medical Center	32.1 (2,252)	18.3 (1,057)	3.8 (54)	3.9 (48)	74.1 (186)
	Presbyterian Intercommunity Hospital	28.2 (874)	15.8 (407)	10.5 (64)	10.7 (56)	84.3 (166)
	Promise Hospital of East Los Angeles – East Los Angeles Campus	100.0 (1)	100.0 (1)			
	Providence Holy Cross Medical Center	31.6 (855)	21.9 (518)	1.3 (5)	1.2 (4)	80.3 (94)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Providence Saint Joseph Medical Center	29.8 (826)	19.6 (467)	7.7 (34)	7.0 (27)	92.2 (270)
	Saint Francis Medical Center	30.2 (1,837)	18.7 (953)	11.1 (130)	11.3 (113)	71.3 (92)
	Saint John's Health Center	31.6 (564)	23.0 (361)	6.6 (16)	6.9 (15)	74.4 (64)
	Saint Mary Medical Center	27.0 (741)	16.9 (402)	6.5 (27)	5.6 (20)	63.1 (41)
	Saint Vincent Medical Center					66.7 (62)
	San Dimas Community Hospital	28.4 (214)	16.6 (107)	2.4 (3)	2.7 (3)	76.5 (26)
	San Gabriel Valley Medical Center	34.1 (615)	21.5 (322)	3.8 (14)	3.6 (11)	71.6 (53)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	40.0 (487)	27.0 (268)	2.4 (6)	2.2 (5)	71.4 (50)
	Sherman Oaks Hospital					95.5 (21)
	Shriners Hospital for Children – Los Angeles					
	South Bay Community Hospital					100.0 (2)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2006.](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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Temple Community Hospital					71.4 (25)
	Torrance Memorial Medical Center	36.8 (1,289)	23.2 (661)	4.2 (32)	4.1 (27)	79.1 (219)
	Tri-City Regional Medical Center – Hawaiian Gardens					42.6 (20)
	UCLA Medical Center	24.0 (420)	16.6 (251)	24.5 (67)	27.2 (63)	34.6 (36)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					16.7 (1)
	University of Southern California University Hospital					28.7 (27)
	Valley Presbyterian Hospital	34.9 (1,709)	21.7 (877)	2.7 (27)	2.7 (23)	76.7 (69)
	Verdugo Hills Hospital	38.9 (311)	23.6 (151)	0.6 (1)		91.1 (51)
	Vista Specialty Hospital of San Gabriel Valley					
	West Hills Hospital and Medical Center	34.7 (380)	20.7 (185)	3.2 (7)	3.5 (7)	72.8 (59)
	White Memorial Medical Center	31.0 (928)	19.2 (470)	16.1 (109)	16.9 (93)	88.9 (216)

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Whittier Hospital Medical Center	30.8 (616)	16.5 (273)	1.6 (6)	1.2 (4)	73.9 (68)
Madera	Children's Hospital Central California					
	Madera Community Hospital	23.7 (439)	11.8 (187)	5.4 (16)	5.3 (14)	87.5 (56)
Marin	Kaiser Foundation Hospital – San Rafael					69.0 (49)
	Kentfield Rehabilitation Hospital					
	Marin General Hospital	20.3 (295)	13.6 (174)	27.9 (56)	30.5 (53)	87.4 (132)
	Novato Community Hospital					68.0 (17)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					91.9 (34)
	Mendocino Coast District Hospital	18.8 (27)	10.0 (13)			92.3 (12)
	Ukiah Valley Medical Center	21.7 (158)	13.6 (87)	18.8 (19)	21.1 (19)	89.4 (76)

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
Merced	Memorial Hospital Los Banos	26.0 (198)	13.0 (84)	1.5 (2)		90.6 (29)
	Mercy Medical Center – Merced	24.5 (631)	12.3 (269)	6.1 (27)	6.0 (23)	89.2 (157)
Modoc	Modoc Medical Center					
	Surprise Valley Community Hospital					
Mono	Mammoth Hospital	21.8 (31)	16.5 (22)			66.7 (4)
Monterey	Community Hospital Monterey Peninsula	24.9 (288)	14.0 (141)	0.6 (1)	0.7 (1)	84.8 (117)
	George L. Mee Memorial Hospital	26.1 (150)	15.2 (76)	2.1 (2)	2.6 (2)	92.1 (35)
	Natividad Medical Center	23.4 (521)	11.7 (225)	1.5 (5)	0.7 (2)	93.0 (133)
	Salinas Valley Memorial Hospital	28.9 (675)	15.4 (301)	0.9 (4)	0.3 (1)	91.4 (412)
Napa	N.M. Holderman Memorial Hospital (Veterans Home of California)					
	Queen of the Valley Hospital – Napa	24.6 (224)	12.9 (99)	12.3 (20)	13.2 (19)	83.2 (84)

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Saint Helena Hospital	25.0 (63)	15.6 (35)			63.6 (21)
Nevada	Sierra Nevada Memorial Hospital	22.3 (95)	15.2 (59)	4.2 (2)	5.3 (2)	90.2 (111)
	Tahoe Forest Hospital	23.6 (96)	15.0 (54)	13.0 (7)	10.6 (5)	96.3 (26)
Orange	Anaheim General Hospital	30.3 (105)	18.9 (56)	3.6 (2)	2.0 (1)	90.6 (29)
	Anaheim Memorial Medical Center	23.2 (419)	11.5 (177)	8.9 (26)	8.7 (23)	85.6 (190)
	Chapman Medical Center					91.9 (57)
	Children's Hospital at Mission					
	Children's Hospital of Orange County					
	Coastal Communities Hospital	40.3 (809)	24.6 (389)	0.4 (2)	0.5 (2)	83.6 (51)
	College Hospital Costa Mesa					85.7 (6)
	Fountain Valley Regional Hospital and Medical Center – Euclid	27.2 (865)	16.8 (460)	8.9 (44)	8.8 (39)	73.8 (141)

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Garden Grove Hospital and Medical Center	31.6 (902)	16.9 (389)	5.8 (36)	6.4 (35)	88.1 (96)
	Hoag Memorial Hospital Presbyterian	33.3 (1,523)	21.2 (813)	4.5 (37)	4.4 (33)	92.1 (326)
	Huntington Beach Hospital					87.0 (40)
	Irvine Medical Center	31.8 (566)	20.8 (315)	6.5 (19)	5.6 (15)	86.7 (144)
	Kaiser Foundation Hospital – Anaheim	23.2 (674)	14.3 (357)	20.1 (94)	21.5 (87)	82.0 (105)
	Kindred Hospital – Brea					
	Kindred Hospital – Westminster					
	La Palma Intercommunity Hospital	23.5 (157)	11.7 (68)	1.1 (1)	1.1 (1)	80.4 (37)
	Los Alamitos Medical Center	26.0 (400)	14.0 (185)	2.5 (6)	2.3 (5)	71.1 (59)
	Mission Hospital Laguna Beach	27.1 (183)	15.3 (88)	5.5 (6)	5.9 (6)	86.7 (13)
	Mission Hospital Regional Medical Center	26.6 (692)	15.6 (349)	5.5 (23)	6.0 (22)	93.8 (167)
	Orange Coast Memorial Medical Center	28.6 (414)	17.3 (214)	3.9 (9)	4.3 (9)	79.0 (181)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Placentia Linda Hospital					87.5 (91)
	Saddleback Memorial Medical Center	25.2 (604)	14.0 (282)	17.0 (76)	17.4 (68)	92.4 (73)
	Saddleback Memorial Medical Center – San Clemente					88.0 (22)
	Saint Joseph Hospital – Orange	30.4 (1,382)	18.7 (710)	9.6 (81)	10.3 (77)	88.1 (282)
	Saint Jude Medical Center	23.7 (464)	15.0 (257)	13.1 (37)	14.5 (35)	82.1 (156)
	Tustin Hospital and Medical Center					75.0 (3)
	UC Irvine Medical Center	25.3 (289)	15.3 (147)	22.0 (59)	22.8 (42)	69.7 (99)
	West Anaheim Medical Center					94.8 (91)
	Western Medical Center – Anaheim	26.0 (662)	10.4 (219)	0.6 (3)	0.2 (1)	95.1 (39)
	Western Medical Center – Santa Ana	30.8 (1,014)	16.8 (458)	4.7 (31)	3.8 (22)	82.2 (97)
Placer	Kaiser Foundation Hospital – Sacramento/Roseville-Eureka					64.6 (102)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Sutter Auburn Faith Hospital	27.4 (127)	16.4 (66)			83.1 (64)
	Sutter Roseville Medical Center	25.6 (656)	14.8 (326)	8.9 (34)	8.6 (31)	78.7 (122)
Plumas	Eastern Plumas Hospital – Portola Campus					
	Plumas District Hospital	29.5 (28)	19.3 (16)			100.0 (7)
	Seneca Healthcare District					
Riverside	Corona Regional Medical Center – Main	25.7 (511)	16.2 (285)	0.8 (2)	0.9 (2)	74.7 (56)
	Desert Regional Medical Center	31.4 (982)	18.2 (470)	4.6 (28)	5.0 (27)	87.1 (183)
	Eisenhower Medical Center					88.2 (420)
	Hemet Valley Medical Center	39.3 (479)	28.4 (293)	0.5 (1)	0.5 (1)	53.4 (47)
	John F. Kennedy Memorial Hospital	27.7 (851)	14.3 (370)	1.7 (9)	1.4 (7)	92.8 (192)
	Kaiser Foundation Hospital – Riverside	22.5 (761)	13.0 (379)	17.2 (91)	18.0 (84)	82.5 (137)

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, 2006.

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Menifee Valley Medical Center					70.0 (35)
	Moreno Valley Community Hospital	23.8 (379)	10.7 (145)	0.8 (2)	0.8 (2)	92.5 (86)
	Palo Verde Hospital	29.5 (46)	14.1 (18)			92.9 (26)
	Parkview Community Hospital Medical Center	31.1 (500)	18.2 (246)	1.7 (5)	1.6 (4)	38.6 (22)
	Riverside Community Hospital	29.4 (935)	17.4 (473)	1.3 (7)	1.1 (5)	66.9 (107)
	Riverside County Regional Medical Center	21.9 (660)	8.0 (201)	7.7 (45)	8.0 (40)	76.7 (155)
	San Geronio Memorial Hospital	32.0 (124)	21.0 (69)	5.1 (3)	5.2 (3)	63.9 (39)
	Southwest Healthcare System – Murrieta	24.7 (815)	12.7 (362)	2.6 (13)	2.2 (10)	91.0 (264)
Sacramento	Kaiser Foundation Hospital – Sacramento/Roseville-Morse	24.1 (833)	15.7 (467)	22.1 (128)	23.9 (115)	78.2 (104)
	Kaiser Foundation Hospital – South Sacramento	14.8 (486)	8.1 (237)	30.5 (125)	32.3 (119)	86.1 (99)
	Kindred Hospital – Sacramento					

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, 2006.

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Mercy General Hospital	25.3 (609)	17.1 (363)	13.3 (42)	13.4 (38)	86.1 (124)
	Mercy Hospital – Folsom	21.5 (215)	11.9 (105)	7.6 (10)	8.3 (10)	94.8 (55)
	Mercy San Juan Hospital	24.5 (696)	14.8 (364)	12.4 (57)	13.5 (52)	80.0 (124)
	Methodist Hospital of Sacramento	22.1 (256)	13.6 (138)	14.8 (26)	17.5 (25)	88.8 (79)
	Shriners Hospital for Children Northern California					
	Sutter General Hospital					83.1 (143)
	Sutter Memorial Hospital	25.8 (1,248)	15.4 (638)	11.8 (101)	12.9 (90)	64.0 (16)
	UC Davis Medical Center	25.2 (577)	16.0 (309)	24.8 (104)	26.2 (95)	69.7 (131)
San Benito	Hazel Hawkins Memorial Hospital	32.7 (176)	18.3 (81)			89.7 (61)
San Bernardino	Arrowhead Regional Medical Center	27.1 (922)	14.5 (413)	9.5 (59)	9.4 (53)	81.0 (218)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Barstow Community Hospital	22.8 (66)	11.6 (29)	8.5 (4)	9.8 (4)	68.9 (31)
	Bear Valley Community Hospital					75.0 (6)
	Chino Valley Medical Center	27.4 (31)	11.8 (11)			69.2 (36)
	Colorado River Medical Center					
	Community Hospital of San Bernardino	36.7 (859)	22.4 (428)	1.0 (5)	0.7 (3)	85.7 (114)
	Desert Valley Hospital	31.9 (131)	22.9 (83)	1.8 (1)	2.0 (1)	78.4 (58)
	Hi-Desert Medical Center	28.7 (119)	18.7 (68)			87.0 (47)
	Kaiser Foundation Hospital – Fontana	23.7 (983)	13.9 (496)	15.2 (100)	15.7 (91)	81.1 (142)
	Kindred Hospital – Ontario					
	Loma Linda University Medical Center	23.9 (578)	12.9 (261)	19.0 (96)	21.3 (86)	60.3 (76)
	Montclair Hospital Medical Center	34.8 (405)	20.8 (199)	0.5 (1)	0.5 (1)	87.8 (43)
	Mountains Community Hospital	26.9 (29)	17.7 (17)			83.3 (5)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Rancho Specialty Hospital					
	Redlands Community Hospital	25.4 (555)	15.1 (291)			69.6 (103)
	Saint Bernardine Medical Center	19.1 (368)	10.2 (176)	5.8 (14)	5.4 (11)	57.0 (102)
	Saint Mary Regional Medical Center	17.4 (417)	8.3 (179)	2.6 (7)	1.7 (4)	76.1 (102)
	San Antonio Community Hospital	36.3 (672)	24.5 (382)	0.9 (3)	0.3 (1)	77.0 (187)
	Victor Valley Community Hospital	37.0 (509)	18.8 (200)	0.6 (2)	0.3 (1)	81.9 (77)
San Diego	Alvarado Hospital Medical Center					70.8 (75)
	Children's Hospital – San Diego					100.0 (8)
	Fallbrook Hospital District	25.9 (133)	16.3 (73)	8.5 (6)	9.1 (6)	80.6 (25)
	Grossmont Hospital	28.2 (920)	17.4 (477)	14.1 (82)	14.1 (73)	87.3 (349)
	Kaiser Foundation Hospital – San Diego	26.0 (918)	17.3 (531)	16.6 (90)	17.5 (82)	79.2 (122)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Kindred Hospital – San Diego					
	Palomar Medical Center	25.3 (1,010)	14.6 (494)	17.0 (114)	17.3 (108)	86.5 (238)
	Paradise Valley Hospital	26.4 (507)	12.9 (208)	1.2 (4)	1.0 (3)	87.9 (51)
	Pomerado Hospital	28.7 (277)	17.4 (145)	1.9 (3)	2.2 (3)	85.6 (95)
	Promise Hospital of San Diego					88.9 (8)
	San Diego Hospice and Palliative Care – Acute Care Center					
	Scripps Green Hospital					95.4 (270)
	Scripps Memorial Hospital – Encinitas	20.8 (309)	13.2 (169)	29.0 (64)	30.7 (62)	90.1 (100)
	Scripps Memorial Hospital – La Jolla	33.3 (1,189)	23.1 (699)	10.7 (65)	11.1 (61)	92.8 (142)
	Scripps Mercy Hospital	25.7 (542)	18.2 (336)	18.9 (54)	20.5 (53)	85.6 (298)
	Scripps Mercy Hospital – Chula Vista	28.5 (509)	19.7 (308)	10.3 (25)	10.3 (23)	88.8 (135)

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, 2006.

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Sharp Chula Vista Medical Center	32.8 (945)	18.6 (442)	1.4 (8)	1.6 (8)	89.4 (152)
	Sharp Coronado Hospital and Healthcare Center					90.0 (18)
	Sharp Mary Birch Hospital for Women	31.7 (2,221)	21.2 (1,261)	8.6 (107)	9.2 (97)	
	Sharp Memorial Hospital	100.0 (3)	100.0 (3)			84.9 (220)
	Tri-City Medical Center – Oceanside	25.5 (833)	15.8 (449)	9.1 (45)	9.9 (42)	79.1 (159)
	UC San Diego Medical Center	26.7 (649)	17.3 (369)	8.8 (33)	8.2 (25)	68.5 (50)
San Francisco	California Pacific Medical Center – Pacific Campus	22.1 (1,122)	13.7 (615)	11.7 (79)	12.7 (74)	81.7 (246)
	California Pacific Medical Center – St. Luke’s Campus	17.2 (178)	10.5 (98)	20.3 (26)	23.1 (24)	75.9 (44)
	Chinese Hospital					66.7 (26)
	Kaiser Foundation Hospital – San Francisco	27.3 (579)	20.6 (391)	14.7 (41)	16.4 (37)	64.0 (32)
	Laguna Honda Hospital and Rehabilitation Center					

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2006.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Saint Francis Memorial Hospital					75.0 (15)
	Saint Mary's Medical Center, San Francisco					69.4 (43)
	San Francisco General Hospital	16.6 (182)	11.0 (109)	30.1 (37)	31.8 (34)	83.2 (89)
	UC San Francisco Medical Center	21.6 (330)	15.5 (215)	21.5 (38)	19.0 (27)	56.1 (64)
San Joaquin	Dameron Hospital	22.8 (479)	12.2 (224)	5.4 (18)	4.9 (13)	75.8 (100)
	Doctors Hospital of Manteca	22.8 (173)	12.3 (82)	3.9 (4)	3.2 (3)	88.3 (53)
	Kaiser Foundation Hospital – Manteca					93.8 (105)
	Lodi Memorial Hospital	38.7 (501)	25.9 (277)	0.4 (1)	0.4 (1)	67.7 (111)
	Saint Joseph's Medical Center of Stockton	23.6 (544)	12.9 (259)	5.9 (20)	5.6 (17)	90.4 (291)
	San Joaquin General Hospital	24.2 (628)	11.2 (245)	5.4 (25)	5.2 (21)	92.1 (139)
	Sutter Tracy Community Hospital	30.7 (215)	16.7 (97)			97.9 (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, 2006.

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
San Luis Obispo	Arroyo Grande Community Hospital					84.7 (61)
	French Hospital Medical Center	19.7 (147)	12.8 (88)	1.5 (1)	1.7 (1)	86.2 (25)
	Sierra Vista Regional Medical Center	29.8 (322)	18.2 (161)	16.7 (38)	17.9 (35)	89.8 (53)
	Twin Cities Community Hospital	30.8 (180)	18.6 (92)	2.0 (2)	2.2 (2)	74.7 (59)
San Mateo	Kaiser Foundation Hospital – Redwood City	15.0 (193)	9.3 (107)	34.2 (50)	36.8 (50)	70.2 (33)
	Kaiser Foundation Hospital – South San Francisco					83.2 (84)
	Menlo Park Surgical Hospital					100.0 (7)
	Peninsula Medical Center	23.8 (404)	14.6 (219)	8.5 (22)	9.3 (19)	84.3 (102)
	San Mateo Medical Center					91.8 (56)
	Sequoia Hospital	30.4 (333)	19.2 (176)	12.4 (24)	12.3 (22)	92.5 (74)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2006.](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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Seton Medical Center	17.9 (103)	12.1 (63)	30.0 (21)	31.0 (18)	72.9 (97)
	Seton Medical Center – Coastside					
Santa Barbara	Goleta Valley Cottage Hospital	19.7 (57)	12.5 (33)	4.0 (1)	4.0 (1)	78.0 (32)
	Lompoc Healthcare District	23.4 (101)	10.8 (40)	1.6 (1)	1.6 (1)	87.1 (27)
	Marian Medical Center	29.9 (816)	16.0 (364)	0.8 (4)	0.4 (2)	76.7 (89)
	Santa Barbara Cottage Hospital	26.0 (556)	14.4 (266)	0.9 (3)	0.7 (2)	92.6 (274)
	Santa Ynez Valley Cottage Hospital					100.0 (5)
Santa Clara	Community Hospital of Los Gatos	27.4 (194)	17.1 (103)	11.8 (13)	11.7 (12)	79.7 (47)
	El Camino Hospital	28.2 (1,102)	18.1 (614)	3.1 (18)	3.4 (17)	88.4 (129)
	Good Samaritan Hospital – San Jose	35.0 (965)	24.7 (584)	5.2 (25)	4.5 (18)	89.2 (263)
	Kaiser Foundation Hospital – Santa Clara	23.9 (747)	16.9 (468)	19.5 (78)	20.1 (70)	85.7 (138)

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, 2006.

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Kaiser Foundation Hospital – Santa Teresa Community Hospital	19.9 (452)	12.6 (254)	24.1 (70)	23.8 (62)	67.2 (45)
	Lucile Salter Packard Children’s Hospital at Stanford	25.0 (1,076)	15.3 (567)	14.4 (104)	15.0 (90)	
	O’Connor Hospital – San Jose	27.6 (894)	16.2 (448)	6.4 (34)	6.7 (32)	88.4 (252)
	Regional Medical of San Jose	29.4 (282)	14.2 (112)	2.1 (4)	1.7 (3)	77.5 (145)
	Saint Louise Regional Hospital	27.0 (172)	16.4 (91)	2.1 (2)	1.2 (1)	88.7 (47)
	Santa Clara Valley Medical Center	17.7 (918)	10.0 (448)	32.2 (265)	33.5 (237)	58.0 (134)
	Stanford Hospital					62.7 (111)
Santa Cruz	Dominican Hospital – Santa Cruz/Soquel	22.5 (218)	13.1 (109)	20.3 (32)	20.4 (28)	97.8 (176)
	Sutter Maternity and Surgery Center of Santa Cruz	17.8 (146)	10.0 (73)	18.0 (18)	19.8 (18)	95.2 (80)
	Watsonville Community Hospital	27.2 (430)	16.1 (217)	7.7 (21)	8.2 (19)	92.1 (140)

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, 2006.

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
Shasta	Mayers Memorial Hospital	22.0 (22)	13.3 (12)			100.0 (1)
	Mercy Medical Center – Redding	26.3 (493)	16.3 (269)	2.5 (7)	2.2 (5)	84.6 (121)
	Patients' Hospital of Redding					
	Shasta Regional Medical Center					84.5 (87)
Siskiyou	Fairchild Medical Center	26.4 (56)	19.7 (38)	5.0 (1)	5.3 (1)	100.0 (37)
	Mercy Medical Center Mt. Shasta	27.1 (39)	19.4 (25)	5.9 (1)	6.7 (1)	86.2 (25)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	23.0 (501)	15.1 (287)	20.8 (65)	22.2 (61)	77.2 (156)
	North Bay Medical Center	28.1 (400)	16.2 (197)	2.5 (6)	2.9 (6)	91.2 (62)
	North Bay VacaValley Hospital					85.2 (23)
	Sutter Solano Medical Center	22.1 (205)	11.8 (94)	15.4 (22)	15.9 (21)	87.1 (54)
Sonoma	Healdsburg District Hospital					50.0 (2)

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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	27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Kaiser Foundation Hospital – Santa Rosa	24.7 (407)	16.6 (238)	19.8 (47)	19.9 (42)	70.1 (54)
	Palm Drive Hospital					88.9 (8)
	Petaluma Valley Hospital	23.2 (115)	11.8 (51)	1.4 (1)		88.5 (46)
	Santa Rosa Memorial Hospital – Montgomery	23.1 (261)	12.2 (114)	24.9 (55)	26.1 (52)	87.9 (160)
	Sonoma Valley Hospital	23.4 (49)	10.7 (19)	2.9 (1)	3.2 (1)	84.4 (27)
	Sutter Medical Center of Santa Rosa	18.4 (314)	10.0 (155)	0.5 (1)		75.6 (59)
Stanislaus	Doctors Medical Center	29.5 (1,234)	15.0 (514)	6.2 (53)	6.0 (46)	74.0 (128)
	Emanuel Medical Center, Inc.	20.6 (531)	9.1 (203)	5.4 (20)	5.5 (19)	87.8 (151)
	Memorial Hospital Medical Center – Modesto	29.5 (531)	19.2 (300)	1.6 (4)	1.3 (3)	78.2 (205)
	Oak Valley District Hospital	21.1 (70)	8.1 (23)			82.4 (14)
	Stanislaus Surgical Hospital					100.0 (10)

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, 2006.

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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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
Sutter	Fremont Medical Center	27.0 (565)	14.7 (259)	7.1 (26)	7.6 (25)	83.8 (31)
Tehama	Saint Elizabeth Community Hospital	25.1 (160)	13.3 (73)	1.0 (1)	1.1 (1)	88.0 (66)
Trinity	Trinity Hospital					40.0 (2)
Tulare	Kaweah Delta District Hospital	29.2 (1,043)	16.3 (489)	4.8 (33)	5.0 (29)	85.5 (219)
	Sierra View District Hospital	26.9 (523)	14.0 (232)	0.6 (2)	0.7 (2)	81.8 (99)
	Tulare District Hospital	39.1 (428)	21.8 (185)	2.2 (6)	1.6 (4)	74.1 (60)
Tuolumne	Sonora Regional Medical Center – Greenley	31.5 (170)	19.4 (89)			81.1 (43)
	Tuolumne General Medical Facility					95.2 (20)
Ventura	Community Memorial Hospital – San Buenaventura	30.7 (842)	17.5 (399)	3.7 (19)	3.9 (18)	89.1 (244)

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		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		27.7 (135,120)	16.5 (68,540)	9.0 (7,493)	9.1 (6,687)	82.4 (30,208)
	Los Robles Hospital and Medical Center	35.7 (579)	23.0 (304)	6.5 (23)	7.7 (23)	92.6 (174)
	Ojai Valley Community Hospital					66.7 (8)
	Saint John's Pleasant Valley Hospital	23.4 (101)	11.6 (43)	3.2 (2)	3.3 (2)	93.8 (45)
	Saint John's Regional Medical Center	22.9 (414)	14.1 (229)	1.7 (4)	1.1 (2)	87.5 (112)
	Simi Valley Hospital and Healthcare Services – Sycamore	22.9 (127)	12.7 (62)	1.4 (1)		95.2 (79)
	Thousand Oaks Surgical Hospital					100.0 (13)
	Ventura County Medical Center	23.7 (706)	10.5 (265)	4.2 (22)	4.1 (19)	93.5 (143)
Yolo	Sutter Davis Hospital	15.0 (183)	8.1 (91)			92.9 (39)
	Woodland Memorial Hospital	22.5 (158)	11.6 (71)	1.0 (1)	1.1 (1)	80.3 (53)
Yuba	Rideout Memorial Hospital					78.0 (124)

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