

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2009

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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Alameda	Alameda County Medical Center – Highland Campus	22.8 (281)	12.8 (133)	24.9 (53)	24.9 (49)	86.1 (105)
	Alameda Hospital					94.3 (33)
	Alta Bates Summit Medical Center – Alta Bates Campus	25.0 (1,667)	15.3 (864)	21.0 (247)	21.9 (225)	95.7 (133)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					92.2 (166)
	Children’s Hospital and Research Center at Oakland					66.7 (2)
	Eden Medical Center	28.9 (295)	19.2 (172)	0.7 (1)		83.1 (103)
	Fremont Hospital					
	Kaiser Foundation Hospital – Hayward	27.0 (634)	18.3 (373)	15.3 (56)	16.1 (50)	85.1 (234)
	Kaiser Foundation Hospital – Oakland Campus	27.4 (537)	19.3 (327)	21.1 (63)	21.6 (58)	84.9 (124)
	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	22.4 (265)	12.6 (132)	2.6 (4)	2.2 (3)	91.1 (82)
	San Leandro Hospital					84.3 (59)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009 .

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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 Delivery also excludes prior C-sections.

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STATEWIDE AVERAGE		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Valleycare Medical Center	34.9 (441)	20.4 (210)	1.6 (4)	0.9 (2)	94.9 (94)
	Washington Hospital – Fremont	28.0 (595)	17.1 (313)	4.1 (14)	3.8 (11)	95.1 (98)
Amador	Sutter Amador Hospital	29.1 (81)	18.3 (44)	2.1 (1)	2.6 (1)	93.3 (28)
Butte	Biggs Gridley Memorial Hospital					60.0 (3)
	Enloe Medical Center – Esplanade Campus	27.3 (349)	14.9 (162)	2.4 (5)	2.6 (5)	82.2 (143)
	Feather River Hospital	22.3 (200)	14.6 (119)			94.4 (51)
	Oroville Hospital	28.9 (136)	16.8 (67)	3.0 (3)	2.8 (2)	96.8 (150)
Calaveras	Mark Twain Saint Joseph’s Hospital					71.4 (20)
Colusa	Colusa Regional Medical Center	42.8 (80)	31.4 (49)			47.6 (10)
Contra Costa	Contra Costa Regional Medical Center	20.8 (464)	11.5 (222)	18.0 (59)	18.0 (53)	93.5 (145)

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	STATEWIDE AVERAGE	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Doctors Medical Center – San Pablo					89.1 (57)
	John Muir Medical Center – Concord Campus					95.9 (139)
	John Muir Medical Center – Walnut Creek Campus	24.5 (585)	14.0 (285)	13.6 (54)	13.3 (46)	88.6 (186)
	Kaiser Foundation Hospital – Antioch	21.5 (249)	12.1 (123)	9.8 (15)	10.0 (14)	82.4 (84)
	Kaiser Foundation Hospital – Walnut Creek	24.7 (722)	15.6 (394)	17.0 (79)	18.0 (72)	70.5 (105)
	San Ramon Regional Medical Center	40.6 (282)	25.2 (139)			96.3 (79)
	Sutter Delta Medical Center	28.9 (250)	16.9 (124)	3.6 (5)	3.8 (5)	94.1 (96)
Del Norte	Sutter Coast Hospital	19.9 (61)	11.5 (32)			86.8 (46)
El Dorado	Barton Memorial Hospital	27.0 (120)	16.7 (65)	1.7 (1)	1.8 (1)	96.4 (53)
	Marshall Medical Center	29.7 (156)	20.3 (93)	6.4 (5)	7.4 (5)	96.3 (79)

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	STATEWIDE AVERAGE	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Fresno	Clovis Community Medical Center	32.7 (1,075)	18.9 (504)	7.4 (50)	7.6 (47)	91.0 (171)
	Coalinga Regional Medical Center					
	Community Regional Medical Center – Fresno	30.1 (1,679)	15.2 (684)	9.8 (127)	9.0 (99)	88.0 (294)
	Fresno Heart and Surgical Hospital					81.1 (73)
	Fresno Surgical Hospital					100.0 (1)
	Kaiser Foundation Hospital – Fresno	27.1 (278)	16.2 (138)	18.5 (34)	19.1 (33)	87.6 (106)
	Kingsburg Medical Center					
	Saint Agnes Medical Center	30.9 (1,038)	18.3 (515)	3.8 (23)	3.9 (21)	86.4 (267)
	San Joaquin Valley Rehabilitation Hospital					
	Sierra Kings District Hospital	29.2 (406)	13.3 (151)			77.8 (14)
Glenn	Glenn Medical Center					
Humboldt	Jerold Phelps Community Hospital					

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	STATEWIDE AVERAGE	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Mad River Community Hospital	23.1 (97)	13.4 (47)	25.6 (20)	28.6 (20)	91.7 (33)
	Redwood Memorial Hospital	18.4 (61)	10.0 (29)	25.0 (12)	25.6 (11)	90.5 (19)
	Saint Joseph Hospital – Eureka	29.2 (187)	16.2 (87)	1.8 (2)	2.0 (2)	86.2 (94)
Imperial	El Centro Regional Medical Center	46.6 (612)	31.0 (315)			87.9 (109)
	Pioneers Memorial Hospital	32.4 (496)	18.7 (237)	0.7 (2)	0.8 (2)	93.5 (87)
Inyo	Northern Inyo Hospital	22.0 (44)	12.4 (22)			73.3 (11)
	Southern Inyo Hospital					
Kern	Bakersfield Heart Hospital					88.9 (32)
	Bakersfield Memorial Hospital	19.0 (603)	8.1 (223)	8.5 (39)	8.2 (34)	82.2 (180)
	Delano Regional Medical Center	24.5 (213)	10.5 (77)	2.6 (4)	2.9 (4)	73.7 (101)
	Good Samaritan Hospital – Bakersfield					80.0 (4)

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	STATEWIDE AVERAGE	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Kern Medical Center	25.0 (890)	11.0 (321)	13.0 (99)	13.7 (90)	72.0 (67)
	Kern Valley Healthcare District					80.0 (4)
	Mercy Hospital – Bakersfield	23.8 (533)	14.4 (276)	16.7 (59)	18.4 (58)	85.8 (145)
	Ridgecrest Regional Hospital	39.3 (212)	24.3 (105)	0.9 (1)	0.9 (1)	90.4 (75)
	San Joaquin Community Hospital	20.4 (475)	10.9 (222)	11.9 (37)	11.5 (33)	87.4 (257)
	Tehachapi Hospital					
Kings	Central Valley General Hospital	40.3 (755)	24.4 (360)	0.5 (2)	0.5 (2)	100.0 (39)
	Corcoran District Hospital					
	Hanford Community Medical Center	31.7 (346)	16.8 (149)	2.3 (5)	2.0 (4)	89.9 (169)
Lake	Saint Helena Hospital – Clearlake	19.2 (34)	7.8 (12)	3.8 (1)	4.3 (1)	52.0 (13)
	Sutter Lakeside Hospital	28.8 (85)	17.1 (43)	3.8 (2)	4.5 (2)	61.5 (8)

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STATEWIDE AVERAGE		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Lassen	Banner Lassen Medical Center	32.9 (98)	22.2 (57)			100.0 (36)
Los Angeles	Alhambra Hospital					82.9 (58)
	Antelope Valley Hospital	33.1 (1,647)	19.4 (799)	1.0 (10)	0.7 (6)	86.9 (251)
	Barlow Respiratory Hospital					
	Bellflower Medical Center	52.4 (740)	35.5 (369)	0.8 (3)	0.8 (3)	89.5 (51)
	Beverly Hospital	37.2 (455)	21.0 (203)	1.5 (4)	1.6 (4)	72.6 (61)
	Brotman Medical Center					65.8 (25)
	California Hospital Medical Center – Los Angeles	27.2 (1,064)	13.5 (422)	16.8 (151)	17.3 (134)	88.4 (176)
	Catalina Island Medical Center					
	Cedars Sinai Medical Center	34.8 (2,023)	25.5 (1,259)	10.4 (104)	11.4 (98)	86.5 (326)
	Centinela Hospital Medical Center	31.4 (469)	17.9 (221)	3.6 (11)	3.9 (10)	88.5 (54)

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	Children's Hospital of Los Angeles					100.0 (2)
	Citrus Valley Medical Center – Inter Community Campus					80.2 (73)
	Citrus Valley Medical Center – Queen of the Valley Campus	47.0 (2,068)	32.1 (1,097)	1.5 (16)	1.2 (12)	78.1 (193)
	City of Hope Helford Clinical Research Hospital					61.9 (13)
	Coast Plaza Doctors Hospital					77.8 (21)
	Community Hospital of Long Beach					82.4 (14)
	Community and Mission Hospital of Huntington Park – Slauson					89.4 (76)
	Doctors Hospital of West Covina, Inc.					
	Downey Regional Medical Center	26.8 (366)	14.2 (161)	11.4 (29)	10.9 (25)	91.3 (115)
	Earl and Lorraine Miller Children's Hospital	31.4 (1,454)	18.9 (713)	12.7 (129)	12.9 (110)	100.0 (4)
	East Los Angeles Doctors Hospital	51.5 (434)	34.1 (211)	0.4 (1)	0.4 (1)	79.3 (23)

Source: [Agency for Healthcare Research and Quality \(AHRQ\)](http://www.ahrq.gov) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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	STATEWIDE AVERAGE	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	East Valley Hospital Medical Center	59.2 (173)	44.1 (94)			100.0 (6)
	Encino Hospital Medical Center					100.0 (13)
	Foothill Presbyterian Hospital – Johnston Memorial	37.9 (296)	26.6 (176)			78.1 (57)
	Garfield Medical Center	38.6 (1,113)	22.2 (502)	2.4 (17)	2.1 (13)	76.9 (60)
	Glendale Adventist Medical Center – Wilson Terrace	37.8 (863)	24.0 (442)	4.8 (24)	5.0 (22)	87.2 (171)
	Glendale Memorial Hospital and Medical Center	33.5 (421)	19.3 (197)	5.2 (14)	5.1 (12)	81.3 (109)
	Good Samaritan Hospital – Los Angeles	27.7 (1,092)	15.5 (516)	7.0 (49)	7.1 (44)	86.3 (158)
	Greater El Monte Community Hospital	39.3 (225)	18.7 (80)			65.5 (19)
	Henry Mayo Newhall Memorial Hospital	32.9 (334)	19.1 (161)	0.6 (1)		93.3 (111)
	Hollywood Community Hospital					100.0 (9)
	Hollywood Presbyterian Medical Center	35.0 (1,726)	21.2 (845)	8.1 (92)	8.0 (77)	85.5 (159)

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	STATEWIDE AVERAGE	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Huntington Memorial Hospital	35.2 (1,058)	23.5 (592)	3.8 (22)	4.3 (21)	94.5 (343)
	Kaiser Foundation Hospital – Baldwin Park	27.2 (708)	16.1 (353)	14.4 (66)	14.0 (58)	93.8 (211)
	Kaiser Foundation Hospital – Bellflower	26.9 (525)	16.8 (274)	21.3 (77)	22.0 (71)	90.0 (251)
	Kaiser Foundation Hospital – Downey	26.6 (228)	16.8 (122)	19.5 (30)	19.7 (26)	89.0 (89)
	Kaiser Foundation Hospital – Harbor City	25.4 (467)	14.2 (222)	12.9 (40)	12.5 (35)	81.1 (107)
	Kaiser Foundation Hospital – Panorama City	24.5 (392)	14.3 (191)	23.2 (70)	24.2 (64)	68.8 (66)
	Kaiser Foundation Hospital – Sunset	33.4 (640)	24.8 (409)	15.2 (47)	15.1 (41)	86.4 (127)
	Kaiser Foundation Hospital – West Los Angeles	28.1 (399)	19.2 (234)	18.9 (44)	18.3 (37)	89.6 (112)
	Kaiser Foundation Hospital – Woodland Hills	25.0 (331)	15.9 (180)	19.2 (41)	20.9 (40)	86.4 (127)
	Kindred Hospital – La Mirada					50.0 (1)
	Kindred Hospital – Los Angeles					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Lakewood Regional Medical Center					84.5 (71)
	Lancaster Community Hospital					82.1 (46)
	Long Beach Memorial Medical Center	100.0 (2)	100.0 (1)			87.1 (249)
	Los Angeles Community Hospital	67.5 (212)	54.5 (122)			89.2 (33)
	Los Angeles County/Harbor – UCLA Medical Center	25.6 (226)	15.3 (116)	12.2 (18)	12.0 (15)	84.6 (314)
	Los Angeles County/Olive View – UCLA Medical Center	31.3 (237)	18.2 (107)	20.5 (42)	23.1 (39)	92.9 (390)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					50.0 (10)
	Los Angeles County/University of Southern California Medical Center	33.8 (339)	21.1 (164)	19.8 (55)	21.9 (49)	76.1 (175)
	Los Angeles Metropolitan Medical Center	36.3 (311)	19.6 (133)	1.1 (2)	1.1 (2)	80.0 (4)
	Marina Del Rey Hospital					85.0 (34)
	Memorial Hospital of Gardena	46.3 (563)	30.6 (288)	0.3 (1)	0.4 (1)	87.1 (54)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Methodist Hospital of Southern California	26.7 (429)	14.4 (196)	5.4 (15)	5.7 (14)	93.8 (213)
	Miracle Mile Medical Center					
	Mission Community Hospital – Panorama Campus					57.9 (11)
	Monrovia Medical Center					
	Monterey Park Hospital	42.1 (646)	24.8 (293)	0.5 (2)	0.6 (2)	66.7 (44)
	Motion Picture and Television Hospital					50.0 (1)
	Northridge Hospital Medical Center	34.6 (821)	20.5 (399)	0.8 (4)	0.7 (3)	76.6 (167)
	Norwalk Community Hospital					89.3 (25)
	Olympia Medical Center					61.5 (24)
	Pacific Alliance Medical Center, Inc.	35.0 (560)	20.1 (261)	0.6 (2)	0.7 (2)	69.0 (20)
	Pacific Hospital of Long Beach	32.7 (308)	12.8 (93)	0.4 (1)		64.5 (20)
	Pacifica Hospital of the Valley	49.2 (397)	34.2 (213)	0.5 (1)	0.5 (1)	58.3 (14)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Pomona Valley Hospital Medical Center	33.2 (2,094)	18.7 (961)	2.7 (34)	2.8 (33)	78.2 (254)
	Presbyterian Intercommunity Hospital	32.1 (814)	19.4 (407)	7.1 (35)	6.9 (30)	89.8 (184)
	Promise Hospital of East Los Angeles – East Los Angeles Campus					
	Providence Holy Cross Medical Center	34.4 (853)	23.1 (488)	0.7 (3)	0.8 (3)	89.7 (191)
	Providence Little Company of Mary Medical Center – San Pedro	25.0 (191)	13.1 (86)	1.8 (2)	1.9 (2)	83.6 (102)
	Providence Little Company of Mary Medical Center – Torrance	33.6 (874)	24.1 (546)	1.1 (4)	1.2 (4)	90.8 (178)
	Providence Saint Joseph Medical Center	33.9 (845)	22.9 (487)	2.1 (9)	2.2 (8)	92.3 (240)
	Providence Tarzana Medical Center	33.7 (513)	21.8 (279)	4.7 (13)	4.5 (11)	87.1 (128)
	Ronald Reagan UCLA Medical Center	27.3 (495)	20.6 (325)	24.8 (68)	27.0 (63)	49.5 (54)
	Saint Francis Medical Center	33.8 (1,910)	21.0 (973)	8.5 (103)	8.3 (85)	83.2 (153)
	Saint John's Health Center	33.4 (517)	22.4 (294)	5.3 (14)	5.5 (13)	77.4 (72)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Saint Mary Medical Center	28.2 (761)	16.7 (385)	6.4 (28)	6.7 (27)	77.8 (42)
	Saint Vincent Medical Center					73.3 (74)
	San Dimas Community Hospital	25.3 (111)	14.8 (57)			89.3 (50)
	San Gabriel Valley Medical Center	35.5 (659)	22.3 (341)	3.0 (11)	2.8 (9)	76.1 (35)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	41.8 (534)	30.2 (318)	4.0 (10)	4.0 (9)	75.6 (65)
	Sherman Oaks Hospital					100.0 (19)
	Shriners Hospital for Children – Los Angeles					
	Silver Lake Medical Center – Downtown Campus					75.0 (3)
	Temple Community Hospital					73.3 (11)
	Torrance Memorial Medical Center	38.7 (1,172)	23.7 (578)	0.3 (2)	0.3 (2)	90.8 (286)
	Tri-City Regional Medical Center – Hawaiian Gardens					84.5 (49)

Source: [Agency for Healthcare Research and Quality \(AHRQ\)](http://www.ahrq.gov) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009 .

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					12.5 (1)
	University of Southern California University Hospital					59.7 (37)
	Valley Presbyterian Hospital	36.1 (1,593)	20.9 (738)	2.5 (26)	2.4 (21)	88.0 (198)
	Verdugo Hills Hospital	38.4 (258)	25.3 (140)			87.5 (63)
	Vista Hospital of San Gabriel Valley					
	Vista Hospital of South Bay					100.0 (1)
	West Hills Hospital and Medical Center	38.6 (352)	21.4 (152)	1.4 (3)	1.5 (3)	89.8 (88)
	White Memorial Medical Center	32.9 (1,127)	20.8 (576)	15.9 (125)	16.0 (105)	83.4 (151)
	Whittier Hospital Medical Center	31.6 (732)	18.3 (354)	0.5 (2)	0.3 (1)	88.0 (132)
Madera	Children's Hospital Central California					100.0 (2)
	Madera Community Hospital	28.2 (450)	14.0 (184)	3.7 (12)	4.3 (12)	84.2 (64)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Marin	Kaiser Foundation Hospital – San Rafael					69.6 (32)
	Kentfield Rehabilitation Hospital					
	Marin General Hospital	20.0 (262)	12.2 (140)	19.3 (41)	24.7 (40)	78.9 (56)
	Novato Community Hospital					90.6 (29)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					83.3 (35)
	Mendocino Coast District Hospital	28.6 (44)	19.7 (27)			85.7 (6)
	Ukiah Valley Medical Center	22.8 (176)	13.2 (88)	12.2 (14)	13.7 (14)	89.0 (65)
Merced	Memorial Hospital Los Banos	25.7 (165)	10.5 (56)	0.8 (1)	0.9 (1)	92.0 (23)
	Mercy Medical Center – Merced	27.6 (665)	14.8 (302)	2.8 (12)	2.4 (9)	95.1 (196)
Modoc	Modoc Medical Center					
	Surprise Valley Community Hospital					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Mono	Mammoth Hospital	26.3 (26)	15.1 (13)			75.0 (6)
Monterey	Community Hospital Monterey Peninsula	25.2 (289)	15.4 (156)			89.0 (145)
	George L. Mee Memorial Hospital	28.2 (152)	14.0 (63)	1.8 (2)		93.5 (58)
	Natividad Medical Center	27.6 (647)	14.7 (289)	6.0 (27)	5.8 (22)	96.4 (81)
	Salinas Valley Memorial Hospital	27.9 (521)	15.5 (247)	0.3 (1)	0.4 (1)	90.8 (335)
Napa	N.M. Holderman Memorial Hospital (Veterans Home of California)					
	Queen of the Valley Hospital – Napa	24.6 (208)	15.0 (108)	20.7 (29)	21.3 (27)	87.6 (92)
	Saint Helena Hospital	23.3 (57)	13.0 (28)			52.4 (22)
Nevada	Sierra Nevada Memorial Hospital	23.5 (100)	13.2 (49)	8.2 (5)	8.9 (5)	90.3 (112)
	Tahoe Forest Hospital	19.2 (74)	9.9 (34)	2.1 (1)	2.4 (1)	94.1 (32)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Orange	AHMC Anaheim Regional Medical Center	24.9 (393)	14.0 (192)	2.7 (6)	2.4 (5)	92.4 (182)
	Anaheim General Hospital	11.1 (1)	11.1 (1)			85.7 (6)
	Chapman Medical Center					94.6 (35)
	Children's Hospital at Mission					
	Children's Hospital of Orange County					100.0 (1)
	Coastal Communities Hospital	41.8 (784)	25.7 (376)	0.5 (2)	0.5 (2)	88.6 (62)
	College Hospital Costa Mesa					
	Fountain Valley Regional Hospital and Medical Center – Euclid	29.1 (872)	16.5 (413)	6.1 (34)	6.1 (30)	88.3 (278)
	Garden Grove Hospital and Medical Center	34.0 (791)	18.2 (339)	2.1 (11)	2.2 (10)	89.3 (108)
	Hoag Hospital Irvine					100.0 (1)
	Hoag Memorial Hospital Presbyterian	35.6 (1,695)	23.8 (945)	4.3 (37)	4.3 (34)	92.6 (324)
	Huntington Beach Hospital					92.9 (39)

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Kaiser Foundation Hospital – Anaheim	29.8 (1,206)	19.3 (664)	10.7 (73)	11.0 (67)	86.7 (235)
	Kindred Hospital – Brea					
	Kindred Hospital – Westminster					
	La Palma Intercommunity Hospital	28.3 (56)	11.9 (19)	2.5 (1)	2.6 (1)	87.5 (49)
	Los Alamitos Medical Center	26.5 (444)	14.0 (199)	3.5 (10)	3.5 (9)	82.1 (96)
	Mission Hospital Laguna Beach					92.9 (13)
	Mission Hospital Regional Medical Center	30.3 (875)	18.0 (438)	3.9 (20)	3.7 (17)	94.7 (178)
	Newport Specialty Hospital					
	Orange Coast Memorial Medical Center	27.0 (389)	16.4 (205)	2.5 (5)	2.1 (4)	80.9 (165)
	Placentia Linda Hospital					92.1 (105)
	Saddleback Memorial Medical Center	26.9 (684)	15.2 (319)	18.7 (92)	19.6 (89)	96.1 (122)
	Saint Joseph Hospital – Orange	32.3 (1,463)	20.1 (758)	6.9 (59)	7.0 (53)	84.8 (263)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Saint Jude Medical Center	27.5 (517)	16.7 (269)	9.5 (29)	9.5 (26)	87.3 (185)
	UC Irvine Medical Center	29.3 (256)	18.4 (135)	17.1 (36)	14.8 (21)	70.2 (92)
	West Anaheim Medical Center					95.0 (132)
	Western Medical Center – Anaheim	27.7 (655)	12.0 (232)	1.3 (6)	1.2 (5)	97.8 (45)
	Western Medical Center – Santa Ana	34.3 (897)	18.0 (376)	2.0 (12)	1.1 (6)	85.4 (117)
Placer	Sutter Auburn Faith Hospital	28.0 (85)	17.7 (47)	2.3 (1)	2.6 (1)	89.8 (53)
	Sutter Roseville Medical Center	25.6 (701)	14.7 (341)	12.9 (58)	13.7 (57)	87.3 (178)
Plumas	Eastern Plumas Hospital – Portola Campus					100.0 (1)
	Plumas District Hospital	25.0 (20)	17.8 (13)			90.0 (9)
	Seneca Healthcare District					100.0 (2)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

*See Webpage (http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPQualInd/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 Delivery 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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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Riverside	Corona Regional Medical Center – Main	27.6 (441)	14.8 (200)	1.5 (4)	1.2 (3)	92.2 (83)
	Desert Regional Medical Center	30.6 (900)	17.4 (423)	7.1 (41)	7.6 (39)	86.2 (232)
	Eisenhower Medical Center					87.4 (355)
	Hemet Valley Medical Center	35.3 (311)	21.9 (159)	1.7 (3)	1.3 (2)	48.7 (37)
	John F. Kennedy Memorial Hospital	31.2 (801)	15.1 (312)	1.1 (6)	0.8 (4)	95.0 (265)
	Kaiser Foundation Hospital – Moreno Valley	23.7 (317)	9.3 (105)			89.8 (44)
	Kaiser Foundation Hospital – Riverside	32.2 (1,008)	22.5 (605)	9.8 (50)	9.4 (42)	90.3 (176)
	Menifee Valley Medical Center					45.2 (14)
	Palo Verde Hospital	36.9 (58)	17.1 (20)	4.9 (2)	5.0 (2)	86.7 (13)
	Parkview Community Hospital Medical Center	36.2 (653)	20.8 (302)	1.5 (6)	1.1 (4)	79.5 (31)
	Riverside Community Hospital	32.6 (1,015)	18.8 (484)	0.3 (2)	0.2 (1)	65.5 (150)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Riverside County Regional Medical Center	20.4 (475)	9.3 (187)	11.2 (42)	12.5 (41)	90.6 (232)
	San Geronio Memorial Hospital	33.8 (155)	17.2 (63)			70.5 (31)
	Southwest Healthcare System – Murrieta	27.3 (1,015)	15.0 (477)	1.0 (6)	0.7 (4)	93.5 (317)
	Vista Hospital of Riverside					
Sacramento	Kaiser Foundation Hospital – Sacramento/Roseville-Morse	20.7 (866)	12.4 (451)	22.5 (144)	24.5 (135)	80.5 (323)
	Kaiser Foundation Hospital – South Sacramento	18.1 (403)	11.0 (216)	29.0 (87)	30.0 (80)	84.4 (152)
	Kindred Hospital – Sacramento					
	Mercy General Hospital	28.3 (728)	18.2 (404)	7.3 (28)	7.4 (26)	92.4 (122)
	Mercy Hospital – Folsom	24.4 (199)	13.3 (92)	12.7 (17)	13.7 (17)	91.0 (71)
	Mercy San Juan Hospital	23.3 (569)	12.8 (268)	11.5 (45)	11.7 (40)	83.1 (98)
	Methodist Hospital of Sacramento	20.9 (206)	10.9 (93)	14.1 (22)	12.4 (16)	88.7 (63)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Shriners Hospital for Children Northern California					
	Sutter General Hospital					85.0 (147)
	Sutter Memorial Hospital	31.5 (1,446)	19.1 (721)	9.9 (93)	10.0 (81)	91.5 (43)
	UC Davis Medical Center	26.2 (510)	16.5 (270)	23.3 (88)	23.8 (75)	75.8 (141)
San Benito	Hazel Hawkins Memorial Hospital	27.1 (107)	12.2 (40)			94.1 (64)
San Bernardino	Arrowhead Regional Medical Center	26.8 (884)	13.2 (360)	6.7 (41)	7.1 (40)	87.1 (278)
	Barstow Community Hospital	30.0 (91)	18.1 (47)			74.1 (20)
	Bear Valley Community Hospital					87.5 (7)
	Chino Valley Medical Center					84.5 (82)
	Colorado River Medical Center					94.1 (16)

Source: [Agency for Healthcare Research and Quality \(AHRQ\)](http://www.ahrq.gov) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Community Hospital of San Bernardino	44.7 (986)	28.0 (474)	0.7 (4)	0.4 (2)	91.2 (155)
	Desert Valley Hospital	32.0 (99)	12.1 (29)			86.7 (78)
	Hi-Desert Medical Center	36.7 (135)	23.4 (71)			85.3 (81)
	Kaiser Foundation Hospital – Fontana	28.4 (944)	16.5 (461)	10.0 (62)	10.1 (54)	82.2 (208)
	Kindred Hospital – Ontario					
	Loma Linda University Medical Center	26.5 (520)	14.9 (237)	22.8 (111)	24.1 (90)	78.8 (104)
	Montclair Hospital Medical Center	45.3 (474)	28.9 (232)			89.4 (59)
	Mountains Community Hospital	33.3 (15)	17.1 (6)	10.0 (1)	10.0 (1)	50.0 (3)
	Rancho Specialty Hospital					
	Redlands Community Hospital	26.3 (555)	15.4 (282)	0.3 (1)	0.4 (1)	74.5 (105)
	Saint Bernadine Medical Center	21.3 (518)	12.4 (270)	4.1 (12)	3.9 (10)	76.0 (117)
	Saint Mary Regional Medical Center	21.1 (535)	12.6 (288)	2.3 (7)	2.0 (5)	82.9 (160)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009 .

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	San Antonio Community Hospital	36.5 (760)	24.7 (432)	1.1 (4)	1.2 (4)	81.0 (235)
	Victor Valley Community Hospital	33.5 (503)	15.7 (186)	1.4 (5)	1.2 (4)	91.2 (103)
San Diego	Alvarado Hospital					75.4 (95)
	Fallbrook Hospital District	28.3 (98)	14.9 (43)	4.9 (3)	5.2 (3)	92.5 (37)
	Grossmont Hospital	29.8 (947)	18.2 (476)	14.7 (91)	15.3 (85)	91.8 (481)
	Kaiser Foundation Hospital – San Diego	29.8 (1,119)	19.5 (617)	14.5 (95)	14.9 (88)	89.1 (246)
	Kindred Hospital – San Diego					
	Palomar Medical Center	28.0 (969)	14.7 (419)	10.8 (72)	11.0 (68)	89.3 (167)
	Paradise Valley Hospital	26.3 (287)	13.3 (123)	1.7 (3)	1.2 (2)	90.9 (70)
	Pomerado Hospital	32.3 (342)	21.8 (200)	1.2 (2)	0.7 (1)	84.4 (108)
	Promise Hospital of San Diego					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Rady Children's Hospital – San Diego					100.0 (2)
	San Diego Hospice and Palliative Care – Acute Care Center					
	Scripps Green Hospital					94.5 (225)
	Scripps Memorial Hospital – Encinitas	29.0 (489)	19.0 (267)	19.4 (59)	20.7 (58)	87.5 (126)
	Scripps Memorial Hospital – La Jolla	37.4 (1,278)	25.8 (725)	8.4 (55)	8.4 (51)	94.1 (209)
	Scripps Mercy Hospital	28.8 (1,088)	18.6 (603)	10.7 (62)	10.8 (59)	91.7 (478)
	Sharp Chula Vista Medical Center	32.5 (1,019)	17.5 (445)	2.7 (18)	2.7 (16)	79.8 (134)
	Sharp Coronado Hospital and Healthcare Center					83.3 (25)
	Sharp Mary Birch Hospital for Women and Newborns	37.7 (2,278)	26.0 (1,298)	6.3 (76)	6.8 (72)	
	Sharp Memorial Hospital	37.4 (449)	25.4 (254)	3.4 (8)	3.9 (8)	87.0 (294)
	Tri-City Medical Center – Oceanside	27.1 (767)	16.0 (385)	7.8 (36)	8.4 (35)	83.6 (178)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	UC San Diego Medical Center	27.6 (505)	18.4 (286)	19.0 (70)	20.7 (57)	74.2 (69)
	Vibra Hospital of San Diego					
San Francisco	California Pacific Medical Center – Pacific Campus	25.5 (1,254)	16.9 (729)	12.2 (87)	12.1 (72)	80.4 (172)
	California Pacific Medical Center – St. Luke’s Campus	19.7 (170)	13.6 (109)	1.3 (1)	1.6 (1)	87.7 (50)
	Chinese Hospital					71.1 (32)
	Kaiser Foundation Hospital – San Francisco	24.6 (535)	16.1 (302)	21.9 (77)	22.6 (68)	66.2 (45)
	Laguna Honda Hospital and Rehabilitation Center					
	Saint Francis Memorial Hospital					89.7 (26)
	Saint Mary’s Medical Center, San Francisco					64.1 (25)
	San Francisco General Hospital	17.7 (199)	11.1 (108)	37.5 (63)	40.1 (61)	91.1 (92)
	UC San Francisco Medical Center	19.7 (290)	12.6 (164)	24.1 (49)	25.4 (43)	72.2 (96)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009 .

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
San Joaquin	Dameron Hospital	27.4 (439)	14.6 (196)	5.2 (16)	4.0 (10)	89.1 (131)
	Doctors Hospital of Manteca	29.1 (212)	17.9 (112)	1.8 (2)	2.0 (2)	96.4 (27)
	Kaiser Foundation Hospital – Manteca	23.4 (454)	13.3 (221)	16.1 (48)	16.5 (46)	86.5 (83)
	Lodi Memorial Hospital	36.5 (426)	24.2 (237)	0.5 (1)	0.5 (1)	60.7 (102)
	Saint Joseph’s Medical Center of Stockton	24.2 (468)	12.6 (208)	6.2 (20)	6.8 (19)	89.9 (204)
	San Joaquin General Hospital	26.7 (566)	11.9 (209)	2.9 (12)	2.7 (10)	93.8 (136)
	Sutter Tracy Community Hospital	28.6 (181)	15.0 (80)	0.9 (1)		99.1 (112)
San Luis Obispo	Arroyo Grande Community Hospital					88.9 (48)
	French Hospital Medical Center	20.2 (155)	12.8 (90)	2.9 (2)	3.0 (2)	85.0 (34)
	Sierra Vista Regional Medical Center	32.5 (316)	21.1 (164)	19.7 (45)	22.1 (43)	80.7 (46)
	Twin Cities Community Hospital	24.7 (169)	12.1 (71)	1.8 (2)	1.0 (1)	90.1 (73)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009 .

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
San Mateo	Kaiser Foundation Hospital – Redwood City	17.7 (217)	11.1 (122)	22.6 (30)	23.4 (29)	78.6 (22)
	Kaiser Foundation Hospital – South San Francisco					87.4 (111)
	Menlo Park Surgical Hospital					50.0 (1)
	Peninsula Medical Center	29.5 (462)	18.5 (248)	7.1 (18)	6.6 (15)	92.4 (121)
	San Mateo Medical Center					97.8 (90)
	Sequoia Hospital	32.0 (440)	20.3 (234)	7.1 (18)	7.2 (16)	90.2 (55)
	Seton Medical Center	27.9 (179)	21.8 (124)	22.1 (17)	23.6 (17)	78.3 (101)
Santa Barbara	Goleta Valley Cottage Hospital					94.1 (32)
	Lompoc Valley Medical Center	24.1 (95)	13.3 (46)			93.3 (42)
	Marian Medical Center	29.0 (751)	15.5 (338)	0.6 (3)	0.7 (3)	84.3 (86)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Santa Barbara Cottage Hospital	25.9 (597)	13.7 (271)	0.6 (2)	0.6 (2)	94.5 (307)
	Santa Ynez Valley Cottage Hospital					
Santa Clara	El Camino Hospital	29.4 (1,172)	18.1 (619)	2.5 (16)	2.1 (12)	89.2 (141)
	El Camino Hospital Los Gatos	30.4 (35)	17.9 (17)	13.0 (3)	10.0 (2)	80.0 (4)
	Good Samaritan Hospital – San Jose	35.8 (1,096)	23.3 (584)	6.4 (41)	6.7 (37)	89.4 (210)
	Kaiser Foundation Hospital – San Jose	20.1 (372)	11.6 (186)	24.3 (67)	24.1 (59)	72.7 (56)
	Kaiser Foundation Hospital – Santa Clara	23.4 (824)	14.8 (451)	20.8 (116)	21.5 (102)	87.1 (203)
	Lucile Salter Packard Children’s Hospital at Stanford	25.3 (954)	14.9 (484)	11.7 (80)	11.8 (63)	100.0 (3)
	O’Connor Hospital – San Jose	27.6 (905)	15.1 (419)	2.7 (15)	2.6 (13)	91.8 (167)
	Regional Medical of San Jose	29.8 (161)	16.2 (73)	2.1 (2)	2.2 (2)	83.8 (150)
	Saint Louise Regional Hospital	22.4 (138)	10.8 (58)	1.1 (1)	1.2 (1)	88.9 (48)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Santa Clara Valley Medical Center	20.5 (895)	11.1 (403)	32.0 (273)	33.6 (249)	79.2 (183)
	Stanford Hospital	100.0 (2)				71.6 (111)
Santa Cruz	Dominican Hospital – Santa Cruz/Soquel	22.4 (189)	12.7 (92)	15.2 (21)	17.8 (21)	96.8 (150)
	Sutter Maternity and Surgery Center of Santa Cruz	24.1 (230)	15.0 (124)	16.9 (23)	17.8 (23)	98.6 (68)
	Watsonville Community Hospital	28.1 (392)	13.7 (157)	3.8 (10)	4.1 (10)	99.4 (153)
Shasta	Mayers Memorial Hospital	22.2 (16)	13.8 (9)			100.0 (1)
	Mercy Medical Center – Redding	28.7 (499)	16.6 (247)	0.7 (2)		86.3 (126)
	Northern California Rehabilitation Hospital					
	Patients' Hospital of Redding					
	Shasta Regional Medical Center					93.7 (104)
Siskiyou	Fairchild Medical Center	29.8 (54)	17.6 (27)	3.3 (1)	3.6 (1)	93.1 (27)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Mercy Medical Center Mt. Shasta	24.1 (35)	15.0 (19)	9.1 (2)	11.1 (2)	80.0 (8)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	23.1 (500)	12.5 (229)	17.3 (64)	17.4 (57)	75.6 (149)
	Kaiser Foundation Hospital – Vacaville					87.5 (14)
	North Bay Medical Center	27.5 (356)	15.3 (169)			93.7 (59)
	North Bay VacaValley Hospital					87.0 (40)
	Sutter Solano Medical Center	23.9 (189)	15.8 (110)	17.8 (18)	17.7 (17)	95.8 (69)
Sonoma	Healdsburg District Hospital					66.7 (18)
	Kaiser Foundation Hospital – Santa Rosa	26.8 (458)	17.1 (252)	11.4 (29)	12.0 (28)	62.7 (89)
	Palm Drive Hospital					84.6 (11)
	Petaluma Valley Hospital	20.9 (93)	13.5 (55)			93.3 (56)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Santa Rosa Memorial Hospital – Montgomery	27.6 (265)	12.9 (96)	21.6 (51)	22.5 (49)	76.5 (127)
	Sonoma Valley Hospital	17.9 (37)	8.7 (16)	14.3 (4)	12.5 (3)	91.7 (11)
	Sutter Medical Center of Santa Rosa	18.6 (291)	10.1 (143)	0.6 (1)	0.7 (1)	80.4 (37)
Stanislaus	Doctors Medical Center	32.6 (1,208)	18.5 (561)	5.0 (38)	5.0 (34)	78.0 (142)
	Emanuel Medical Center, Inc.	19.2 (255)	6.4 (74)	1.0 (2)	0.5 (1)	92.8 (194)
	Memorial Hospital Medical Center – Modesto	33.4 (634)	20.7 (330)	1.5 (5)	1.3 (4)	85.5 (224)
	Oak Valley District Hospital	31.6 (92)	15.7 (37)			78.3 (18)
	Stanislaus Surgical Hospital					80.0 (4)
Sutter	Fremont Medical Center	25.5 (494)	12.2 (195)	11.2 (42)	10.7 (36)	100.0 (16)
	Sutter Surgical Hospital – North Valley					100.0 (1)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2009.

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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		29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
Tehama	Saint Elizabeth Community Hospital	23.8 (156)	11.1 (62)			87.5 (49)
Trinity	Trinity Hospital					100.0 (1)
Tulare	Kaweah Delta Medical Center	34.1 (1,277)	19.9 (605)	3.9 (31)	3.9 (27)	82.4 (239)
	Sierra View District Hospital	31.5 (538)	20.0 (291)	0.7 (2)	0.4 (1)	87.4 (104)
	Tulare District Hospital	31.8 (365)	15.2 (140)	1.9 (5)	1.7 (4)	79.3 (88)
Tuolumne	Sonora Regional Medical Center – Greenley	31.4 (141)	20.8 (81)			80.9 (76)
Ventura	Community Memorial Hospital – San Buenaventura	29.4 (708)	15.1 (300)	2.0 (9)	1.9 (8)	88.9 (225)
	Los Robles Hospital and Medical Center	34.1 (549)	20.1 (260)	7.7 (28)	8.5 (27)	92.9 (144)
	Ojai Valley Community Hospital					83.3 (10)
	Saint John’s Pleasant Valley Hospital	21.1 (52)	13.5 (30)	7.7 (2)	8.3 (2)	96.4 (54)

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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	29.8 (136,196)	17.7 (67,533)	7.9 (6,676)	8.0 (5,958)	86.2 (33,513)
	Saint John's Regional Medical Center	25.7 (430)	14.8 (215)	0.8 (2)	0.9 (2)	91.6 (153)
	Simi Valley Hospital and Healthcare Services – Sycamore	29.7 (152)	18.2 (80)			92.0 (104)
	Thousand Oaks Surgical Hospital					100.0 (5)
	Ventura County Medical Center	25.5 (772)	10.9 (273)	3.0 (17)	2.9 (15)	89.7 (174)
Yolo	Sutter Davis Hospital	15.9 (192)	9.4 (106)	2.0 (2)	1.1 (1)	86.4 (38)
	Woodland Memorial Hospital	23.9 (157)	11.7 (66)	1.0 (1)	1.1 (1)	78.9 (45)
Yuba	Rideout Memorial Hospital					89.6 (146)

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