

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2010

Office of Statewide Health Planning and Development, Hospital Patient Data



		Possible Over Utilization ¹		Possible Under Utilization ²		
County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
STATEWIDE AVERAGE		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Alameda	Alameda County Medical Center – Highland Campus	22.8 (249)	12.0 (109)	21.4 (44)	23.1 (42)	84.2 (128)
	Alameda Hospital					95.1 (39)
	Alta Bates Summit Medical Center – Alta Bates Campus	23.6 (1,561)	14.5 (820)	20.8 (236)	22.3 (213)	91.8 (112)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					94.3 (133)
	Children’s Hospital and Research Center at Oakland					100.0 (1)
	Eden Medical Center	30.9 (318)	18.7 (164)			86.8 (99)
	Kaiser Foundation Hospital – Hayward	26.3 (587)	17.8 (344)	18.2 (65)	17.9 (53)	88.6 (218)
	Kaiser Foundation Hospital – Oakland Campus	26.6 (488)	19.7 (310)	29.9 (85)	31.0 (80)	89.8 (149)
	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	22.2 (219)	11.6 (100)	3.6 (5)	3.3 (4)	95.8 (113)
	San Leandro Hospital					89.9 (62)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Valleycare Medical Center	34.7 (402)	20.7 (197)	1.3 (3)	1.4 (3)	96.1 (98)
	Washington Hospital – Fremont	28.9 (530)	18.5 (296)	2.6 (7)	2.5 (6)	81.5 (75)
Amador	Sutter Amador Hospital	27.7 (78)	16.5 (40)	2.4 (1)	2.6 (1)	88.9 (24)
Butte	Biggs Gridley Memorial Hospital					81.8 (9)
	Enloe Medical Center – Esplanade Campus	26.6 (326)	11.7 (118)	2.1 (5)	2.3 (5)	76.8 (142)
	Feather River Hospital	22.2 (209)	12.9 (109)			97.0 (64)
	Oroville Hospital	31.3 (147)	16.6 (64)	2.0 (2)	2.4 (2)	94.0 (109)
Calaveras	Mark Twain Saint Joseph’s Hospital					87.5 (14)
Colusa	Colusa Regional Medical Center	40.1 (75)	24.8 (37)			69.6 (16)
Contra Costa	Contra Costa Regional Medical Center	22.0 (467)	12.6 (230)	20.5 (69)	21.3 (64)	98.7 (148)

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	STATEWIDE AVERAGE	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Doctors Medical Center – San Pablo					83.1 (54)
	John Muir Medical Center – Concord Campus					98.7 (154)
	John Muir Medical Center – Walnut Creek Campus	25.1 (558)	14.5 (273)	15.1 (56)	15.2 (51)	89.1 (155)
	Kaiser Foundation Hospital – Antioch	22.2 (270)	12.4 (131)	13.0 (23)	12.0 (19)	81.7 (85)
	Kaiser Foundation Hospital – Walnut Creek	23.0 (662)	14.7 (370)	19.7 (83)	21.1 (78)	80.6 (108)
	San Ramon Regional Medical Center	41.1 (265)	28.2 (149)	0.8 (1)	0.9 (1)	95.8 (91)
	Sutter Delta Medical Center	25.2 (220)	15.6 (120)	4.3 (5)	4.8 (5)	95.3 (101)
Del Norte	Sutter Coast Hospital	24.4 (88)	13.9 (44)			92.5 (37)
El Dorado	Barton Memorial Hospital	26.8 (110)	11.0 (37)			91.5 (43)
	Marshall Medical Center	27.5 (131)	17.7 (72)	15.3 (11)	14.5 (10)	93.7 (89)

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, 2010.

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STATEWIDE AVERAGE		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Fresno	Clovis Community Medical Center	33.3 (1,011)	18.3 (443)	8.2 (56)	8.7 (54)	92.9 (156)
	Coalinga Regional Medical Center					
	Community Regional Medical Center – Fresno	29.6 (1,650)	14.4 (642)	10.5 (141)	9.6 (107)	86.9 (306)
	Fresno Heart and Surgical Hospital					85.4 (70)
	Fresno Surgical Hospital					100.0 (1)
	Kaiser Foundation Hospital – Fresno	26.9 (251)	15.7 (122)	16.9 (29)	17.3 (27)	87.5 (105)
	Saint Agnes Medical Center	31.5 (1,167)	18.0 (555)	2.3 (16)	1.9 (12)	91.6 (285)
	San Joaquin Valley Rehabilitation Hospital					
	Sierra Kings District Hospital	30.9 (328)	14.9 (129)			100.0 (4)
Glenn	Glenn Medical Center					
Humboldt	Jerold Phelps Community Hospital					
	Mad River Community Hospital	22.9 (103)	14.6 (57)	21.5 (14)	22.0 (13)	75.0 (36)

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	STATEWIDE AVERAGE	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Redwood Memorial Hospital	21.8 (77)	13.8 (43)	19.6 (9)	20.9 (9)	81.3 (13)
	Saint Joseph Hospital – Eureka	23.3 (134)	11.1 (55)			88.9 (80)
Imperial	El Centro Regional Medical Center	46.0 (508)	27.6 (227)			87.0 (100)
	Pioneers Memorial Hospital	32.4 (535)	16.5 (221)	0.3 (1)	0.3 (1)	92.9 (78)
Inyo	Northern Inyo Hospital	25.6 (43)	15.5 (23)			63.6 (7)
	Southern Inyo Hospital					
Kern	Bakersfield Heart Hospital					87.9 (29)
	Bakersfield Memorial Hospital	18.3 (610)	8.5 (249)	10.6 (48)	10.9 (44)	84.0 (216)
	Delano Regional Medical Center	24.8 (195)	9.1 (59)	1.3 (2)	1.4 (2)	85.8 (91)
	Good Samaritan Hospital – Bakersfield					100.0 (7)
	Kern Medical Center	22.1 (756)	8.7 (243)	14.9 (103)	15.6 (95)	81.2 (82)

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STATEWIDE AVERAGE		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Kern Valley Healthcare District					100.0 (3)
	Mercy Hospital – Bakersfield	24.4 (506)	15.0 (270)	13.3 (40)	14.2 (39)	84.6 (159)
	Ridgecrest Regional Hospital	31.1 (148)	16.8 (66)	2.1 (2)	2.4 (2)	95.6 (86)
	San Joaquin Community Hospital	19.5 (443)	10.4 (210)	9.7 (28)	8.6 (22)	89.7 (271)
	Tehachapi Hospital					
Kings	Adventist Medical Center	27.3 (21)	17.6 (12)			88.9 (8)
	Central Valley General Hospital	39.4 (678)	22.6 (303)	1.0 (4)	1.1 (4)	100.0 (24)
	Corcoran District Hospital					100.0 (5)
	Hanford Community Medical Center	27.6 (259)	12.1 (93)	1.5 (3)	1.2 (2)	95.2 (159)
Lake	Saint Helena Hospital – Clearlake	17.0 (26)	8.0 (11)			75.0 (18)
	Sutter Lakeside Hospital	24.8 (70)	12.5 (30)	4.1 (2)	4.8 (2)	70.0 (14)

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STATEWIDE AVERAGE		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Lassen	Banner Lassen Medical Center	27.7 (71)	16.7 (37)			100.0 (38)
Los Angeles	Alhambra Hospital					88.9 (48)
	Antelope Valley Hospital	34.4 (1,649)	20.4 (805)	1.1 (11)	1.1 (9)	84.3 (252)
	Barlow Respiratory Hospital					
	Bellflower Medical Center	55.1 (789)	39.3 (416)			95.0 (38)
	Beverly Hospital	40.2 (400)	24.2 (190)	0.4 (1)		73.6 (95)
	Brotman Medical Center					87.1 (27)
	California Hospital Medical Center – Los Angeles	26.0 (1,039)	12.1 (391)	15.0 (138)	16.2 (125)	84.7 (160)
	Catalina Island Medical Center					
	Cedars Sinai Medical Center	34.6 (2,008)	25.1 (1,234)	12.2 (123)	12.7 (113)	83.9 (418)
	Centinela Hospital Medical Center	32.5 (410)	17.2 (174)	5.1 (15)	4.5 (11)	83.6 (61)

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	STATEWIDE AVERAGE	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Children's Hospital of Los Angeles					100.0 (5)
	Citrus Valley Medical Center – Inter Community Campus					81.9 (77)
	Citrus Valley Medical Center – Queen of the Valley Campus	48.3 (1,743)	32.9 (914)	0.7 (7)	0.8 (7)	86.4 (185)
	City of Hope Helford Clinical Research Hospital					65.7 (23)
	Coast Plaza Doctors Hospital					86.7 (26)
	Community Hospital of Long Beach					75.0 (9)
	Community and Mission Hospital of Huntington Park – Slauson					79.7 (51)
	Doctors Hospital of West Covina, Inc.					100.0 (1)
	Downey Regional Medical Center	27.3 (302)	13.2 (120)	6.4 (14)	6.7 (13)	93.4 (127)
	Earl and Lorraine Miller Children's Hospital	33.2 (1,452)	21.2 (757)	12.0 (116)	12.5 (99)	100.0 (6)
	East Los Angeles Doctors Hospital	53.0 (419)	36.2 (209)	0.9 (2)	0.9 (2)	86.1 (31)

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	STATEWIDE AVERAGE	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	East Valley Hospital Medical Center	54.9 (152)	38.7 (79)			70.0 (7)
	Encino Hospital Medical Center					95.7 (22)
	Foothill Presbyterian Hospital – Johnston Memorial	40.0 (309)	24.3 (149)			82.1 (69)
	Garfield Medical Center	38.1 (1,038)	21.8 (466)	2.1 (14)	1.7 (10)	77.4 (65)
	Glendale Adventist Medical Center – Wilson Terrace	39.1 (825)	26.3 (445)	7.9 (39)	8.2 (34)	87.9 (167)
	Glendale Memorial Hospital and Medical Center	36.6 (526)	21.8 (251)	4.7 (15)	4.2 (12)	81.1 (103)
	Good Samaritan Hospital – Los Angeles	29.1 (1,196)	16.5 (565)	8.2 (62)	7.7 (53)	79.6 (117)
	Greater El Monte Community Hospital	33.3 (173)	15.8 (65)	0.8 (1)	0.9 (1)	64.4 (29)
	Henry Mayo Newhall Memorial Hospital	29.5 (339)	17.4 (170)	1.6 (3)	1.7 (3)	94.4 (119)
	Hollywood Community Hospital					25.0 (1)
	Hollywood Presbyterian Medical Center	36.0 (1,405)	22.5 (711)	7.0 (62)	7.2 (54)	84.8 (167)

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	STATEWIDE AVERAGE	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Huntington Memorial Hospital	34.8 (1,005)	22.5 (540)	4.0 (23)	4.5 (22)	94.3 (347)
	Kaiser Foundation Hospital – Baldwin Park	27.6 (688)	17.5 (369)	16.3 (68)	16.1 (61)	93.5 (188)
	Kaiser Foundation Hospital – Downey	28.0 (822)	18.7 (469)	17.8 (89)	18.7 (81)	85.1 (399)
	Kaiser Foundation Hospital – Panorama City	25.7 (423)	14.4 (199)	16.1 (50)	16.1 (43)	68.6 (72)
	Kaiser Foundation Hospital – South Bay	26.7 (440)	16.2 (226)	15.6 (46)	16.7 (43)	86.3 (132)
	Kaiser Foundation Hospital – Sunset	30.4 (547)	22.6 (349)	22.1 (64)	22.0 (56)	87.4 (152)
	Kaiser Foundation Hospital – West Los Angeles	24.6 (363)	15.3 (194)	17.8 (42)	18.8 (39)	91.1 (144)
	Kaiser Foundation Hospital – Woodland Hills	23.3 (292)	15.6 (169)	24.2 (47)	25.9 (43)	89.0 (129)
	Kindred Hospital – Baldwin Park					
	Kindred Hospital – La Mirada					
	Kindred Hospital – Los Angeles					
	Kindred Hospital – South Bay					100.0 (2)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Lakewood Regional Medical Center					84.1 (90)
	Lancaster Community Hospital					68.3 (43)
	Long Beach Memorial Medical Center	100.0 (3)	100.0 (3)			86.9 (238)
	Los Angeles Community Hospital	71.4 (140)	61.4 (89)			92.6 (25)
	Los Angeles County/Harbor – UCLA Medical Center	32.7 (271)	22.0 (146)	21.1 (42)	23.3 (38)	89.5 (392)
	Los Angeles County/Olive View – UCLA Medical Center	34.7 (247)	19.6 (100)	25.2 (58)	27.2 (55)	92.2 (390)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					61.1 (11)
	Los Angeles County/University of Southern California Medical Center	37.8 (338)	26.4 (185)	16.8 (42)	19.9 (38)	83.1 (251)
	Los Angeles Metropolitan Medical Center	37.4 (110)	20.3 (47)			60.0 (3)
	Marina Del Rey Hospital					93.2 (41)
	Memorial Hospital of Gardena	46.1 (572)	31.8 (312)	1.0 (3)	0.4 (1)	77.6 (45)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Methodist Hospital of Southern California	28.5 (429)	17.0 (218)	3.4 (9)	3.7 (8)	90.5 (191)
	Miracle Mile Medical Center					
	Mission Community Hospital – Panorama Campus					50.0 (6)
	Monrovia Medical Center					
	Monterey Park Hospital	45.6 (688)	29.4 (340)	1.0 (4)	1.1 (4)	64.0 (48)
	Motion Picture and Television Hospital					
	Northridge Hospital Medical Center	36.2 (765)	20.7 (349)	2.1 (10)	2.1 (9)	81.0 (170)
	Norwalk Community Hospital					79.2 (19)
	Olympia Medical Center					90.3 (28)
	Pacific Alliance Medical Center, Inc.	37.0 (700)	20.0 (298)	0.5 (2)	0.5 (2)	91.2 (52)
	Pacific Hospital of Long Beach	32.0 (267)	12.3 (80)			82.8 (24)
	Pacifica Hospital of the Valley	46.9 (280)	30.9 (142)			93.8 (15)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Pomona Valley Hospital Medical Center	32.9 (2,014)	18.3 (912)	3.2 (40)	3.0 (34)	83.9 (251)
	Presbyterian Intercommunity Hospital	30.5 (873)	17.6 (416)	8.0 (45)	8.6 (43)	89.3 (250)
	Promise Hospital of East Los Angeles – East Los Angeles Campus					
	Providence Holy Cross Medical Center	30.9 (713)	18.4 (360)	0.5 (2)	0.6 (2)	87.4 (187)
	Providence Little Company of Mary Medical Center – San Pedro	27.2 (203)	14.9 (95)	0.9 (1)	0.9 (1)	79.3 (92)
	Providence Little Company of Mary Medical Center – Torrance	33.5 (840)	23.3 (505)	0.5 (2)	0.6 (2)	92.0 (252)
	Providence Saint Joseph Medical Center	32.8 (779)	21.1 (425)	1.0 (4)	1.1 (4)	92.7 (253)
	Providence Tarzana Medical Center	33.4 (572)	20.7 (296)	3.6 (12)	3.8 (11)	82.1 (142)
	Ronald Reagan UCLA Medical Center	27.4 (513)	21.2 (349)	26.7 (72)	27.8 (63)	62.2 (74)
	Saint Francis Medical Center	35.4 (1,793)	20.8 (849)	5.5 (65)	4.7 (47)	84.2 (160)
	Saint John’s Health Center	32.3 (498)	22.2 (295)	4.0 (10)	4.7 (10)	82.5 (66)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010 .

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Saint Mary Medical Center	26.9 (744)	15.1 (356)	3.4 (16)	3.5 (14)	72.6 (53)
	Saint Vincent Medical Center					86.5 (64)
	San Dimas Community Hospital	30.7 (136)	17.1 (63)	1.2 (1)	1.4 (1)	86.2 (56)
	San Gabriel Valley Medical Center	38.5 (673)	24.6 (349)	1.1 (4)	1.2 (4)	81.3 (52)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	40.1 (454)	25.9 (236)	1.6 (4)	1.8 (4)	87.0 (94)
	Sherman Oaks Hospital					100.0 (50)
	Shriners Hospital for Children – Los Angeles					
	Silver Lake Medical Center – Downtown Campus					80.0 (4)
	Temple Community Hospital					64.3 (9)
	Torrance Memorial Medical Center	38.9 (1,123)	23.3 (535)	0.6 (4)	0.7 (4)	88.2 (314)
	Tri-City Regional Medical Center – Hawaiian Gardens					95.1 (39)

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, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					
	University of Southern California University Hospital					41.1 (23)
	Valley Presbyterian Hospital	37.6 (1,477)	20.1 (612)	2.1 (22)	1.7 (15)	96.2 (227)
	Verdugo Hills Hospital	42.2 (272)	28.1 (146)			87.0 (67)
	West Hills Hospital and Medical Center	33.1 (295)	19.1 (140)	2.3 (4)	2.5 (4)	87.0 (60)
	White Memorial Medical Center	32.9 (1,177)	19.1 (542)	14.0 (122)	13.7 (101)	85.0 (170)
	Whittier Hospital Medical Center	30.3 (572)	16.0 (250)	1.1 (4)	1.2 (4)	87.6 (134)
Madera	Children's Hospital Central California					100.0 (1)
	Madera Community Hospital	28.0 (442)	15.5 (206)	3.5 (10)	3.7 (9)	92.4 (97)
Marin	Kaiser Foundation Hospital – San Rafael					77.2 (44)
	Kentfield Rehabilitation Hospital					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Marin General Hospital	23.2 (291)	14.8 (161)	20.2 (39)	21.7 (36)	69.2 (72)
	Novato Community Hospital					96.0 (24)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					84.9 (45)
	Mendocino Coast District Hospital	20.8 (31)	11.3 (15)			81.8 (9)
	Ukiah Valley Medical Center	22.7 (168)	12.1 (78)	5.5 (6)	6.3 (6)	84.7 (61)
Merced	Memorial Hospital Los Banos	26.4 (176)	13.9 (79)	1.8 (2)	2.0 (2)	100.0 (13)
	Mercy Medical Center – Merced	27.3 (660)	13.9 (283)	1.8 (8)	1.8 (7)	91.5 (193)
Modoc	Modoc Medical Center					
	Surprise Valley Community Hospital					
Mono	Mammoth Hospital	39.0 (39)	18.7 (14)			100.0 (10)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Monterey	Community Hospital Monterey Peninsula	27.1 (298)	15.4 (145)	1.2 (2)	1.3 (2)	89.5 (171)
	George L. Mee Memorial Hospital	22.1 (115)	8.1 (36)			84.0 (42)
	Natividad Medical Center	27.6 (646)	14.5 (279)	11.8 (57)	11.6 (48)	95.6 (87)
	Salinas Valley Memorial Hospital	26.8 (440)	14.4 (202)	0.4 (1)		91.8 (292)
Napa	Queen of the Valley Hospital – Napa	25.7 (203)	15.9 (107)	16.1 (23)	18.6 (22)	86.9 (93)
	Saint Helena Hospital	22.6 (53)	12.9 (27)			37.5 (15)
Nevada	Sierra Nevada Memorial Hospital	20.3 (86)	10.7 (40)	5.5 (3)	6.1 (3)	89.2 (58)
	Tahoe Forest Hospital	18.8 (67)	10.8 (35)	2.6 (1)	3.0 (1)	94.6 (35)
Orange	AHMC Anaheim Regional Medical Center	25.0 (379)	14.1 (186)	3.2 (7)	2.0 (4)	88.2 (194)
	Anaheim General Hospital					100.0 (8)

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, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Chapman Medical Center					91.2 (31)
	Children's Hospital at Mission					
	Children's Hospital of Orange County					
	Coastal Communities Hospital	38.3 (592)	21.5 (261)	0.3 (1)	0.3 (1)	86.3 (107)
	College Hospital Costa Mesa					
	Fountain Valley Regional Hospital and Medical Center – Euclid	31.2 (880)	17.5 (407)	4.5 (24)	4.4 (22)	90.3 (261)
	Garden Grove Hospital and Medical Center	34.0 (673)	19.5 (313)	3.3 (14)	3.5 (13)	91.8 (123)
	Hoag Memorial Hospital Presbyterian	34.9 (1,738)	22.6 (931)	6.1 (58)	5.8 (50)	92.6 (324)
	Hoag Orthopedic Institute					
	Huntington Beach Hospital					100.0 (36)
	Kaiser Foundation Hospital – Anaheim	29.4 (1,145)	19.2 (629)	14.9 (101)	16.0 (98)	86.7 (235)
	Kindred Hospital – Brea					
	Kindred Hospital – Westminster					

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	La Palma Intercommunity Hospital	23.9 (59)	8.8 (18)	4.4 (2)	2.4 (1)	98.2 (55)
	Los Alamitos Medical Center	27.5 (415)	14.8 (190)	2.4 (6)	2.2 (5)	77.3 (109)
	Mission Hospital Laguna Beach					100.0 (8)
	Mission Hospital Regional Medical Center	31.5 (885)	18.4 (429)	4.1 (22)	4.0 (19)	95.4 (187)
	Newport Specialty Hospital					100.0 (1)
	Orange Coast Memorial Medical Center	29.3 (426)	17.3 (214)	1.3 (3)	1.4 (3)	82.6 (200)
	Placentia Linda Hospital					98.3 (114)
	Saddleback Memorial Medical Center	28.3 (654)	16.7 (318)	17.9 (81)	18.4 (76)	92.4 (97)
	Saint Joseph Hospital – Orange	32.6 (1,456)	19.7 (726)	7.7 (68)	7.4 (58)	73.5 (139)
	Saint Jude Medical Center	25.3 (464)	13.6 (210)	11.8 (40)	13.0 (38)	88.0 (168)
	UC Irvine Medical Center	26.5 (236)	16.8 (124)	24.0 (50)	24.8 (37)	78.6 (103)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	West Anaheim Medical Center					97.2 (141)
	Western Medical Center – Anaheim	27.0 (540)	11.6 (192)			91.5 (65)
	Western Medical Center – Santa Ana	35.9 (806)	16.7 (287)	2.2 (13)	2.1 (11)	86.7 (111)
Placer	Sutter Auburn Faith Hospital	27.6 (93)	18.9 (57)			92.6 (87)
	Sutter Roseville Medical Center	25.5 (674)	14.2 (318)	12.4 (56)	12.3 (50)	93.6 (265)
Plumas	Eastern Plumas Hospital – Portola Campus					
	Plumas District Hospital	35.5 (27)	25.8 (17)			100.0 (20)
	Seneca Healthcare District					100.0 (3)
Riverside	Corona Regional Medical Center – Main	25.1 (364)	12.9 (161)			89.7 (113)
	Desert Regional Medical Center	28.9 (867)	15.3 (376)	8.9 (53)	9.2 (50)	87.3 (262)
	Eisenhower Medical Center					91.5 (419)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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.

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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Hemet Valley Medical Center	38.1 (304)	24.1 (157)			72.8 (75)
	John F. Kennedy Memorial Hospital	31.3 (737)	15.7 (302)	0.4 (2)	0.5 (2)	96.3 (234)
	Kaiser Foundation Hospital – Moreno Valley	26.8 (380)	13.4 (160)	0.9 (2)	0.5 (1)	95.2 (60)
	Kaiser Foundation Hospital – Riverside	31.0 (898)	19.8 (485)	8.2 (44)	8.2 (37)	77.8 (144)
	Kindred Hospital – Riverside					
	Menifee Valley Medical Center					90.7 (39)
	Palo Verde Hospital	35.2 (58)	18.3 (24)			100.0 (15)
	Parkview Community Hospital Medical Center	35.8 (675)	18.1 (266)	0.6 (3)	0.7 (3)	80.2 (65)
	Riverside Community Hospital	29.4 (915)	17.0 (450)	0.7 (4)	0.4 (2)	69.3 (151)
	Riverside County Regional Medical Center	24.1 (544)	11.9 (227)	9.1 (38)	10.2 (36)	90.7 (205)
	San Geronio Memorial Hospital	27.0 (91)	12.5 (35)	1.6 (1)	1.8 (1)	83.7 (41)

Source: [Agency for Healthcare Research and Quality](http://www.ahrq.gov) (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Southwest Healthcare System – Murrieta		27.9 (967)	14.5 (425)	0.9 (5)	0.6 (3)	95.5 (343)
Sacramento	Kaiser Foundation Hospital – Sacramento/Roseville-Morse	20.8 (850)	12.9 (459)	24.8 (160)	26.1 (138)	85.3 (434)
	Kaiser Foundation Hospital – South Sacramento	18.5 (407)	11.2 (217)	29.7 (89)	29.9 (81)	91.1 (175)
	Kindred Hospital – Sacramento					
	Mercy General Hospital	26.0 (752)	15.7 (386)	14.3 (68)	14.9 (64)	88.5 (131)
	Mercy Hospital – Folsom	24.7 (181)	11.5 (70)	10.7 (14)	11.2 (14)	88.1 (89)
	Mercy San Juan Hospital	25.6 (596)	13.8 (271)	11.1 (47)	11.0 (40)	75.7 (103)
	Methodist Hospital of Sacramento	23.6 (251)	10.8 (95)	16.2 (34)	16.1 (30)	92.6 (75)
	Shriners Hospital for Children Northern California					
	Sutter General Hospital					86.6 (149)
	Sutter Memorial Hospital	31.2 (1,322)	19.0 (664)	10.0 (87)	10.2 (75)	89.1 (41)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	UC Davis Medical Center	25.1 (429)	16.2 (230)	31.0 (103)	32.1 (94)	74.1 (129)
San Benito	Hazel Hawkins Memorial Hospital	28.5 (107)	12.7 (39)	1.4 (1)	1.4 (1)	96.4 (80)
San Bernardino	Arrowhead Regional Medical Center	28.3 (836)	14.0 (340)	6.6 (39)	6.6 (35)	86.0 (271)
	Barstow Community Hospital	28.8 (75)	16.9 (37)	7.1 (3)	7.3 (3)	55.6 (10)
	Bear Valley Community Hospital					50.0 (3)
	Chino Valley Medical Center					84.4 (76)
	Colorado River Medical Center					100.0 (10)
	Community Hospital of San Bernardino	45.2 (984)	26.2 (422)	0.9 (6)	0.5 (3)	88.1 (163)
	Desert Valley Hospital	29.1 (125)	15.8 (57)			84.3 (75)
	Hi-Desert Medical Center	33.0 (127)	20.2 (65)	1.5 (1)	1.6 (1)	91.8 (78)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Kaiser Foundation Hospital – Fontana	27.6 (1,018)	15.9 (492)	10.1 (66)	10.2 (60)	87.7 (200)
	Kindred Hospital – Ontario					
	Kindred Hospital – Rancho					
	Loma Linda University Medical Center	27.0 (535)	14.5 (227)	22.8 (121)	24.9 (102)	70.7 (70)
	Montclair Hospital Medical Center	45.3 (389)	28.5 (186)	0.9 (2)	1.0 (2)	88.2 (60)
	Mountains Community Hospital					100.0 (6)
	Redlands Community Hospital	23.7 (514)	13.0 (248)	0.6 (2)	0.4 (1)	79.3 (111)
	Saint Bernardine Medical Center	20.9 (418)	11.6 (206)	7.6 (20)	8.2 (19)	85.1 (154)
	Saint Mary Regional Medical Center	21.4 (508)	12.3 (263)	1.0 (3)	1.2 (3)	91.6 (185)
	San Antonio Community Hospital	34.6 (731)	21.4 (375)	0.5 (2)	0.6 (2)	76.7 (264)
	Victor Valley Community Hospital	35.2 (523)	17.0 (197)	1.6 (6)	1.2 (4)	85.4 (111)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
San Diego	Alvarado Hospital					82.0 (91)
	Fallbrook Hospital District	25.8 (107)	13.0 (46)			94.1 (32)
	Grossmont Hospital	31.6 (1,021)	18.3 (479)	11.4 (77)	11.1 (68)	95.5 (534)
	Kaiser Foundation Hospital – San Diego	28.8 (1,053)	18.0 (553)	13.9 (94)	14.4 (84)	89.0 (219)
	Kindred Hospital – San Diego					
	Palomar Medical Center	27.1 (925)	15.0 (425)	12.4 (77)	12.7 (73)	87.4 (166)
	Paradise Valley Hospital	28.8 (329)	13.3 (124)	2.2 (5)	1.9 (4)	82.4 (56)
	Pomerado Hospital	32.8 (320)	21.0 (173)	2.4 (4)	2.6 (4)	94.2 (145)
	Promise Hospital of San Diego					66.7 (4)
	Rady Children’s Hospital – San Diego					66.7 (4)
	San Diego Hospice and Palliative Care – Acute Care Center					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Scripps Green Hospital					88.1 (126)
	Scripps Memorial Hospital – Encinitas	28.6 (489)	20.1 (294)	21.0 (58)	21.7 (54)	81.7 (107)
	Scripps Memorial Hospital – La Jolla	35.6 (1,276)	24.1 (712)	10.8 (73)	10.8 (68)	90.8 (139)
	Scripps Mercy Hospital	27.4 (1,043)	17.7 (584)	10.1 (54)	10.0 (51)	93.8 (619)
	Sharp Chula Vista Medical Center	32.3 (950)	15.4 (361)	2.6 (17)	2.5 (15)	86.3 (157)
	Sharp Coronado Hospital and Healthcare Center					85.7 (18)
	Sharp Memorial Hospital	37.9 (2,774)	25.1 (1,496)	6.1 (96)	6.5 (89)	90.8 (346)
	Tri-City Medical Center – Oceanside	26.2 (690)	15.4 (346)	11.8 (51)	11.6 (45)	83.7 (175)
	UC San Diego Medical Center	31.9 (609)	22.9 (374)	14.4 (50)	13.9 (38)	79.8 (79)
	Vibra Hospital of San Diego					
San Francisco	California Pacific Medical Center – Pacific Campus	26.1 (1,240)	17.6 (732)	14.0 (94)	13.3 (78)	82.3 (172)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	California Pacific Medical Center – St. Luke’s Campus	22.8 (185)	16.0 (119)	1.2 (1)	1.5 (1)	84.0 (42)
	Chinese Hospital					76.5 (26)
	Kaiser Foundation Hospital – San Francisco	21.6 (489)	14.3 (286)	24.1 (82)	24.5 (66)	81.3 (65)
	Laguna Honda Hospital and Rehabilitation Center					
	Saint Francis Memorial Hospital					69.6 (16)
	Saint Mary’s Medical Center, San Francisco					66.0 (35)
	San Francisco General Hospital	17.2 (182)	10.2 (93)	37.3 (62)	38.6 (56)	81.6 (84)
	UC San Francisco Medical Center	19.6 (288)	14.4 (192)	30.2 (54)	32.9 (47)	72.1 (98)
San Joaquin	Dameron Hospital	29.8 (422)	15.6 (182)	4.1 (12)	4.8 (12)	90.7 (127)
	Doctors Hospital of Manteca	29.4 (209)	19.0 (117)	1.9 (2)	1.1 (1)	96.4 (53)
	Kaiser Foundation Hospital – Manteca	24.7 (506)	13.5 (232)	15.4 (55)	16.0 (52)	89.4 (118)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Lodi Memorial Hospital	39.6 (436)	24.3 (214)	0.4 (1)	0.4 (1)	68.8 (97)
	Saint Joseph's Medical Center of Stockton	22.3 (422)	10.9 (179)	4.1 (12)	3.2 (8)	86.2 (162)
	San Joaquin General Hospital	27.8 (589)	14.4 (251)	9.6 (40)	10.1 (38)	90.7 (117)
	Sutter Tracy Community Hospital	33.2 (207)	17.3 (87)			98.3 (114)
San Luis Obispo	Arroyo Grande Community Hospital					93.4 (57)
	French Hospital Medical Center	19.8 (145)	11.8 (78)	1.4 (1)	1.5 (1)	81.8 (27)
	Sierra Vista Regional Medical Center	31.4 (328)	19.8 (167)	17.5 (40)	19.5 (39)	89.2 (66)
	Twin Cities Community Hospital	23.2 (172)	10.8 (69)			87.5 (91)
San Mateo	Kaiser Foundation Hospital – Redwood City	15.4 (187)	8.9 (97)	21.8 (29)	24.4 (29)	91.1 (51)
	Kaiser Foundation Hospital – South San Francisco					78.4 (109)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Menlo Park Surgical Hospital					100.0 (3)
	Peninsula Medical Center	28.3 (451)	17.4 (234)	12.3 (34)	12.5 (31)	95.5 (105)
	San Mateo Medical Center					98.5 (131)
	Sequoia Hospital	31.9 (456)	21.0 (253)	8.4 (21)	8.1 (18)	93.7 (59)
	Seton Medical Center	27.8 (174)	21.2 (117)	22.6 (19)	23.0 (17)	76.1 (70)
Santa Barbara	Goleta Valley Cottage Hospital					93.5 (43)
	Lompoc Valley Medical Center	22.1 (74)	12.4 (37)			98.2 (55)
	Marian Medical Center	28.9 (712)	12.8 (257)	1.4 (7)	0.7 (3)	91.2 (103)
	Santa Barbara Cottage Hospital	27.9 (610)	16.8 (317)	1.2 (4)	0.7 (2)	92.1 (257)
	Santa Ynez Valley Cottage Hospital					
Santa Clara	El Camino Hospital	28.3 (1,196)	16.8 (606)	4.9 (34)	5.0 (31)	92.1 (152)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Good Samaritan Hospital – San Jose	37.4 (1,037)	25.4 (578)	7.2 (41)	7.5 (37)	89.8 (239)
	Kaiser Foundation Hospital – San Jose	20.0 (341)	11.5 (171)	23.4 (57)	24.4 (55)	85.6 (77)
	Kaiser Foundation Hospital – Santa Clara	24.4 (846)	15.0 (443)	19.6 (118)	21.3 (109)	92.6 (201)
	Lucile Salter Packard Children’s Hospital at Stanford	26.0 (963)	15.5 (488)	15.3 (107)	15.8 (89)	100.0 (1)
	O’Connor Hospital – San Jose	27.4 (831)	14.3 (367)	2.3 (12)	2.5 (12)	86.3 (145)
	Regional Medical of San Jose	26.4 (100)	11.1 (35)			86.1 (173)
	Saint Louise Regional Hospital	23.2 (145)	12.9 (71)	2.5 (2)	1.3 (1)	92.0 (46)
	Santa Clara Valley Medical Center	22.6 (898)	13.1 (429)	30.3 (231)	31.1 (212)	79.5 (209)
	Stanford Hospital	100.0 (3)				71.3 (124)
Santa Cruz	Dominican Hospital – Santa Cruz/Soquel	24.8 (190)	12.5 (80)	12.9 (19)	14.1 (18)	90.5 (105)
	Sutter Maternity and Surgery Center of Santa Cruz	20.5 (183)	12.9 (102)	19.1 (21)	20.6 (21)	96.4 (27)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010 .

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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.

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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Watsonville Community Hospital		30.0 (414)	14.4 (160)	6.0 (18)	5.6 (15)	98.1 (106)
Shasta	Mayers Memorial Hospital	16.5 (14)	10.1 (8)			
	Mercy Medical Center – Redding	28.1 (506)	16.7 (259)	1.8 (5)	1.2 (3)	82.0 (109)
	Northern California Rehabilitation Hospital					
	Patients’ Hospital of Redding					
	Shasta Regional Medical Center					95.3 (161)
Siskiyou	Fairchild Medical Center	34.5 (68)	20.0 (32)	2.6 (1)	2.7 (1)	100.0 (28)
	Mercy Medical Center Mt. Shasta	24.6 (30)	12.4 (13)			41.7 (10)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	19.3 (375)	10.3 (174)	20.6 (61)	22.1 (57)	78.4 (120)
	Kaiser Foundation Hospital – Vacaville					83.1 (54)
	North Bay Medical Center	28.3 (345)	15.9 (165)	0.5 (1)		96.9 (63)

Source: [Agency for Healthcare Research and Quality](http://www.ahrq.gov) (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010 .

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	North Bay VacaValley Hospital					97.6 (41)
	Sutter Solano Medical Center	27.5 (199)	17.0 (105)	11.6 (14)	11.3 (12)	91.3 (73)
Sonoma	Healdsburg District Hospital					61.5 (8)
	Kaiser Foundation Hospital – Santa Rosa	24.3 (405)	15.0 (217)	17.4 (43)	17.2 (39)	70.8 (114)
	Palm Drive Hospital					70.0 (7)
	Petaluma Valley Hospital	17.6 (79)	9.1 (37)	2.0 (1)	2.3 (1)	90.7 (39)
	Santa Rosa Memorial Hospital – Montgomery	28.9 (254)	15.3 (103)	26.5 (63)	27.4 (57)	85.2 (121)
	Sonoma Valley Hospital	23.3 (38)	8.1 (11)			83.3 (15)
	Sutter Medical Center of Santa Rosa	17.5 (278)	10.8 (158)	2.1 (3)	1.6 (2)	82.1 (46)
Stanislaus	Doctors Medical Center	30.8 (1,057)	16.2 (447)	8.8 (67)	8.7 (58)	78.6 (173)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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	29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Emanuel Medical Center, Inc.	23.1 (293)	10.0 (108)			94.2 (211)
	Memorial Hospital Medical Center – Modesto	33.1 (642)	20.9 (341)	1.2 (4)	1.3 (4)	82.1 (215)
	Oak Valley District Hospital	32.8 (78)	15.3 (29)			90.9 (20)
	Stanislaus Surgical Hospital					80.0 (4)
Sutter	Sutter Surgical Hospital – North Valley					100.0 (9)
Tehama	Saint Elizabeth Community Hospital	24.3 (163)	11.7 (67)	1.0 (1)	1.0 (1)	78.0 (46)
Trinity	Trinity Hospital					40.0 (2)
Tulare	Kaweah Delta Medical Center	32.9 (1,257)	18.0 (557)	2.9 (24)	3.3 (24)	88.6 (312)
	Sierra View District Hospital	33.4 (540)	20.1 (271)	1.6 (5)	1.5 (4)	90.1 (109)
	Tulare Regional Medical Center	33.8 (381)	15.2 (133)	1.1 (3)	0.8 (2)	76.5 (78)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
Tuolumne	Sonora Regional Medical Center – Greenley	32.5 (168)	20.7 (91)			84.3 (86)
Ventura	Community Memorial Hospital – San Buenaventura	28.2 (656)	13.3 (257)	0.5 (2)	0.5 (2)	91.8 (292)
	Los Robles Hospital and Medical Center	34.6 (557)	19.5 (248)	8.7 (33)	8.8 (30)	89.7 (130)
	Ojai Valley Community Hospital					62.5 (10)
	Saint John’s Pleasant Valley Hospital	25.0 (55)	12.2 (23)			94.1 (64)
	Saint John’s Regional Medical Center	23.3 (452)	13.1 (224)	2.7 (7)	1.7 (4)	87.7 (142)
	Simi Valley Hospital and Healthcare Services – Sycamore	27.5 (176)	17.2 (96)			93.0 (146)
	Thousand Oaks Surgical Hospital					87.5 (7)
	Ventura County Medical Center	27.1 (704)	12.2 (262)	3.8 (19)	3.1 (14)	91.4 (169)
Yolo	Sutter Davis Hospital	16.1 (204)	9.2 (108)	0.9 (1)	1.0 (1)	81.4 (35)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010.

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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		29.7 (130,958)	17.3 (63,640)	8.2 (6,855)	8.3 (6,091)	87.1 (35,058)
	Woodland Memorial Hospital	20.8 (131)	9.1 (50)	2.2 (2)	1.2 (1)	89.7 (52)
Yuba	Rideout Memorial Hospital	24.4 (466)	11.9 (191)	8.7 (30)	7.7 (23)	90.1 (172)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2010](#).

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