

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2013
Office of Statewide Health Planning and Development, Hospital Patient Discharge 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	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Alameda	Alameda County Medical Center	26.7 (274)	16.3 (138)	23.8 (46)	24.4 (44)	91.5 (183)
	Alameda Hospital					91.2 (31)
	Alta Bates Summit Medical Center – Alta Bates Campus	22.2 (1,373)	13.6 (711)	29.5 (324)	30.5 (291)	94.6 (88)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					95.0 (134)
	Children’s Hospital and Research Center at Oakland					100.0 (4)
	Eden Medical Center	27.7 (318)	17.3 (174)			90.2 (55)
	Kaiser Foundation Hospital – Hayward	27.2 (618)	18.5 (360)	20.5 (75)	21.3 (70)	83.0 (137)
	Kaiser Foundation Hospital – Oakland Campus	27.6 (503)	21.4 (341)	29.5 (79)	28.9 (66)	92.5 (172)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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Alameda (continued)	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	19.7 (154)	9.1 (63)	2.0 (2)	1.1 (1)	96.9 (94)
	San Leandro Hospital					82.8 (24)
	Valleycare Medical Center	33.0 (402)	21.0 (217)	1.0 (2)	0.5 (1)	94.9 (93)
	Washington Hospital – Fremont	27.8 (460)	15.7 (223)	0.7 (2)	0.4 (1)	90.6 (87)
Amador	Sutter Amador Hospital	23.7 (66)	14.5 (36)	6.1 (2)	3.2 (1)	100.0 (30)
Butte	Biggs Gridley Memorial Hospital					100.0 (1)
	Enloe Medical Center – Esplanade Campus	25.4 (341)	13.4 (153)	6.6 (14)	6.0 (12)	92.1 (140)

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Butte (continued)	Feather River Hospital	25.1 (206)	15.0 (108)			89.7 (61)
	Oroville Hospital	34.7 (126)	20.0 (59)	1.4 (1)	1.5 (1)	97.9 (140)
Calaveras	Mark Twain Medical Center**					83.3 (15)
Colusa	Colusa Regional Medical Center	41.3 (57)	23.6 (25)			95.5 (21)
Contra Costa	Contra Costa Regional Medical Center	25.1 (431)	15.0 (216)	21.8 (69)	23.5 (66)	95.3 (184)
	Doctors Medical Center – San Pablo					90.3 (56)
	John Muir Medical Center – Concord Campus	100.0 (1)	100.0 (1)			97.6 (164)
	John Muir Medical Center – Walnut Creek Campus	22.4 (532)	11.4 (230)	15.2 (62)	15.6 (56)	87.7 (142)

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Contra Costa (continued)	Kaiser Foundation Hospital – Antioch	21.1 (293)	12.3 (150)	15.7 (28)	15.4 (26)	71.6 (78)
	Kaiser Foundation Hospital – Walnut Creek	24.1 (762)	15.7 (428)	20.7 (103)	21.8 (93)	89.9 (124)
	San Ramon Regional Medical Center	39.3 (251)	23.2 (116)	1.3 (2)	1.5 (2)	97.5 (78)
	Sutter Delta Medical Center	26.5 (233)	14.6 (109)	7.5 (11)	8.1 (11)	96.9 (123)
Del Norte	Sutter Coast Hospital	30.3 (94)	16.7 (43)	1.8 (1)	1.9 (1)	94.4 (34)
El Dorado	Barton Memorial Hospital	27.0 (74)	14.9 (35)			91.4 (53)
	Marshall Medical Center	25.7 (113)	16.3 (61)	18.8 (13)	18.8 (12)	87.3 (69)
Fresno	Adventist Medical Center – Reedley	34.2 (361)	16.8 (141)			100.0 (20)

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Fresno (continued)	Clovis Community Medical Center	34.5 (1,349)	20.0 (625)	7.6 (66)	7.8 (61)	91.5 (204)
	Coalinga Regional Medical Center					
	Community Regional Medical Center – Fresno	28.4 (1,414)	14.5 (577)	14.5 (179)	15.2 (150)	84.3 (285)
	Fresno Heart and Surgical Hospital					93.7 (104)
	Fresno Surgical Hospital					
	Kaiser Foundation Hospital – Fresno	29.3 (286)	19.2 (154)	21.9 (42)	22.8 (39)	87.2 (75)
	Saint Agnes Medical Center	33.0 (987)	18.4 (450)	1.1 (7)	1.3 (7)	88.9 (216)
	San Joaquin Valley Rehabilitation Hospital					
Glenn	Glenn Medical Center					
Humboldt	Jerold Phelps Community Hospital					

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Humboldt (continued)	Mad River Community Hospital	20.7 (107)	13.7 (61)	31.6 (25)	35.2 (25)	80.4 (45)
	Redwood Memorial Hospital	20.2 (66)	13.9 (41)	23.1 (9)	19.4 (6)	66.7 (8)
	Saint Joseph Hospital – Eureka	25.2 (124)	14.4 (62)	2.9 (2)		89.3 (50)
Imperial	El Centro Regional Medical Center	45.0 (465)	26.2 (201)	1.0 (3)	1.1 (3)	94.1 (80)
	Pioneers Memorial Healthcare District	32.3 (543)	16.6 (226)	1.2 (4)	1.2 (4)	98.4 (60)
Inyo	Northern Inyo Hospital	25.5 (55)	10.6 (19)			71.4 (5)
	Southern Inyo Hospital					
Kern	Bakersfield Heart Hospital					95.2 (40)

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Kern (continued)	Bakersfield Memorial Hospital	23.5 (708)	11.4 (289)	12.7 (68)	12.3 (59)	90.0 (198)
	Delano Regional Medical Center	32.8 (244)	18.8 (115)	1.3 (2)	1.5 (2)	87.7 (50)
	Good Samaritan Hospital – Bakersfield					100.0 (1)
	Kern Medical Center	26.6 (739)	11.6 (258)	11.7 (74)	11.9 (65)	90.5 (67)
	Kern Valley Healthcare District					100.0 (2)
	Mercy Hospital – Bakersfield	26.3 (567)	17.1 (321)	13.4 (43)	13.4 (38)	86.2 (237)
	Ridgecrest Regional Hospital	34.8 (145)	21.4 (74)			82.8 (24)
	San Joaquin Community Hospital	19.7 (538)	9.6 (231)	6.5 (25)	7.5 (25)	91.3 (261)
	Tehachapi Hospital					

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Kings	Adventist Medical Center	25.4 (175)	8.3 (46)	3.3 (5)	2.3 (3)	93.3 (153)
	Central Valley General Hospital	36.5 (666)	18.5 (261)	3.2 (15)	3.1 (13)	
	Corcoran District Hospital					100.0 (1)
Lake	Saint Helena Hospital – Clearlake	26.8 (42)	16.7 (23)			60.5 (23)
	Sutter Lakeside Hospital	27.6 (82)	16.7 (43)	3.8 (2)	2.5 (1)	66.7 (4)
Lassen	Banner Lassen Medical Center	31.1 (73)	19.8 (40)			95.5 (21)
Los Angeles	Alhambra Hospital					86.9 (53)
	Antelope Valley Hospital	36.9 (1,758)	21.7 (827)	3.2 (35)	3.0 (29)	85.9 (164)

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Los Angeles (continued)	Barlow Respiratory Hospital					
	Bellflower Medical Center	55.8 (140)	39.3 (72)			100.0 (8)
	Beverly Hospital	40.6 (282)	24.8 (136)			81.9 (77)
	California Hospital Medical Center – Los Angeles	29.6 (1,085)	15.3 (443)	16.1 (142)	15.7 (120)	84.5 (125)
	Catalina Island Medical Center					
	Cedars Sinai Medical Center	30.6 (1,769)	21.1 (1,039)	12.9 (124)	13.7 (116)	91.5 (322)
	Centinela Hospital Medical Center	32.6 (216)	18.4 (99)	5.6 (8)	6.4 (8)	95.2 (60)
	Children’s Hospital of Los Angeles					100.0 (14)
	Citrus Valley Medical Center – Inter Community Campus					94.3 (100)

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Los Angeles (continued)	Citrus Valley Medical Center – Queen of the Valley Campus	37.4 (1,349)	18.5 (511)	1.9 (18)	2.0 (17)	93.4 (242)
	City of Hope Helford Clinical Research Hospital					38.5 (10)
	Coast Plaza Hospital**					77.4 (24)
	Community Hospital of Long Beach					90.0 (18)
	Community and Mission Hospital of Huntington Park – Slauson					70.2 (40)
	Doctors Hospital of West Covina, Inc.					
	Downey Regional Medical Center	28.5 (348)	15.1 (153)	5.2 (12)	5.3 (11)	95.5 (147)
	Earl and Lorraine Miller Children’s Hospital	33.5 (1,659)	20.2 (810)	10.5 (117)	10.6 (101)	100.0 (2)
	East Los Angeles Doctors Hospital	58.0 (397)	38.8 (182)	0.4 (1)	0.5 (1)	78.1 (25)

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	Encino Hospital Medical Center					80.0 (8)
	Foothill Presbyterian Hospital – Johnston Memorial	40.8 (326)	25.9 (165)			87.3 (89)
	Garfield Medical Center	41.2 (1,540)	22.0 (614)	2.2 (23)	1.7 (16)	86.4 (51)
	Glendale Adventist Medical Center – Wilson Terrace	35.4 (740)	21.5 (356)	10.6 (53)	11.3 (49)	95.4 (206)
	Glendale Memorial Hospital and Medical Center	38.2 (640)	21.5 (281)	2.5 (10)	2.7 (10)	88.9 (80)
	Good Samaritan Hospital – Los Angeles	28.7 (994)	16.0 (453)	13.3 (92)	13.6 (85)	82.0 (82)
	Greater El Monte Community Hospital	42.4 (223)	23.0 (90)	1.4 (2)	0.7 (1)	89.3 (50)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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Utilization Rates* for Selected Medical Procedures in California Hospitals, 2013
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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Henry Mayo Newhall Memorial Hospital	26.3 (268)	13.2 (113)	4.4 (8)	4.3 (7)	92.0 (115)
	Hollywood Presbyterian Medical Center	34.8 (1,179)	20.4 (550)	8.0 (61)	8.3 (57)	94.3 (166)
	Huntington Memorial Hospital	34.8 (992)	22.2 (522)	6.0 (35)	6.4 (32)	92.4 (306)
	Kaiser Foundation Hospital – Baldwin Park	28.3 (704)	17.0 (352)	15.5 (74)	15.8 (66)	93.6 (221)
	Kaiser Foundation Hospital – Downey	27.3 (859)	17.3 (460)	17.7 (100)	18.2 (89)	89.5 (263)
	Kaiser Foundation Hospital – Panorama City	23.8 (415)	13.8 (202)	22.9 (73)	22.5 (62)	72.6 (53)
	Kaiser Foundation Hospital – South Bay	27.3 (514)	17.1 (270)	18.4 (61)	18.1 (54)	81.5 (119)
	Kaiser Foundation Hospital – Sunset	25.9 (552)	17.4 (314)	25.0 (96)	25.4 (81)	87.8 (159)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Kaiser Foundation Hospital – West Los Angeles	29.2 (472)	21.0 (294)	17.6 (42)	18.7 (41)	92.9 (143)
	Kaiser Foundation Hospital – Woodland Hills	24.6 (363)	15.5 (194)	22.6 (53)	23.2 (51)	86.6 (123)
	Keck Hospital of University of Southern California					46.7 (42)
	Kindred Hospital – Baldwin Park					
	Kindred Hospital – La Mirada					
	Kindred Hospital – Los Angeles					
	Kindred Hospital – South Bay					100.0 (1)
	Lakewood Regional Medical Center	100.0 (1)	100.0 (1)			86.8 (105)
	Long Beach Memorial Medical Center	71.4 (5)	60.0 (3)			90.5 (257)
	Los Angeles Community Hospital	66.7 (62)	53.0 (35)			87.0 (47)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Los Angeles County/Harbor – UCLA Medical Center	29.6 (185)	19.9 (106)	14.9 (18)	15.1 (14)	88.9 (343)
	Los Angeles County/Olive View – UCLA Medical Center	33.5 (146)	18.0 (56)	27.4 (43)	28.0 (35)	96.0 (406)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					28.6 (2)
	Los Angeles County/University of Southern California Medical Center	34.2 (282)	23.9 (156)	24.8 (57)	25.9 (44)	89.2 (595)
	Los Angeles Metropolitan Medical Center					100.0 (1)
	Marina Del Rey Hospital					79.5 (31)
	Memorial Hospital of Gardena	48.6 (500)	30.4 (230)	0.3 (1)	0.4 (1)	88.9 (32)
	Methodist Hospital of Southern California	29.5 (490)	16.6 (231)	3.8 (11)	4.1 (11)	92.5 (246)
	Miracle Mile Medical Center					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Mission Community Hospital – Panorama Campus					75.0 (3)
	Monrovia Medical Center					
	Monterey Park Hospital	46.3 (593)	28.7 (276)	0.3 (1)	0.3 (1)	58.2 (39)
	Motion Picture and Television Hospital					
	Northridge Hospital Medical Center	37.2 (505)	22.3 (244)	0.3 (1)	0.4 (1)	85.4 (176)
	Norwalk Community Hospital					100.0 (21)
	Olympia Medical Center					90.9 (20)
	Pacific Alliance Medical Center, Inc.	35.5 (751)	18.8 (316)	0.2 (1)	0.2 (1)	95.4 (103)
	Pacific Hospital of Long Beach	38.8 (188)	17.1 (61)	0.8 (1)	0.8 (1)	63.6 (7)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
		NOTE: In each cell, the first line indicates the rate per 100 deliveries, with the exception of Laparoscopic Cholecystectomy (per 100 procedures). The number in parentheses () on the second line indicates the total number of deliveries or procedures performed.*				
	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Pacifica Hospital of the Valley	50.1 (172)	32.4 (82)			88.0 (44)
	Palmdale Regional Medical Center					90.0 (108)
	Pomona Valley Hospital Medical Center	31.7 (1,834)	15.0 (689)	3.1 (41)	3.0 (35)	89.4 (195)
	Presbyterian Intercommunity Hospital	34.9 (1,269)	18.3 (520)	4.7 (41)	4.9 (39)	90.7 (253)
	Promise Hospital of East Los Angeles – East Los Angeles Campus					
	Providence Holy Cross Medical Center	28.4 (771)	15.7 (356)	8.0 (41)	8.4 (38)	92.7 (243)
	Providence Little Company of Mary Medical Center – San Pedro	28.9 (165)	16.0 (77)			89.0 (65)
	Providence Little Company of Mary Medical Center – Torrance	32.2 (780)	22.4 (466)	7.0 (26)	7.6 (26)	92.9 (287)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Providence Saint Joseph Medical Center	35.1 (849)	23.6 (484)	0.5 (2)	0.5 (2)	95.5 (234)
	Providence Tarzana Medical Center	35.2 (773)	22.8 (413)	5.5 (24)	5.3 (20)	89.5 (137)
	Ronald Reagan UCLA Medical Center	26.0 (391)	18.8 (242)	28.0 (73)	32.0 (70)	67.2 (80)
	Saint Francis Medical Center	35.8 (1,563)	19.8 (682)	4.1 (43)	4.1 (38)	92.1 (209)
	Saint John's Health Center	31.3 (496)	22.0 (301)	9.2 (23)	9.3 (20)	81.3 (65)
	Saint Mary Medical Center	30.9 (740)	17.8 (356)	2.5 (11)	2.0 (8)	83.9 (26)
	Saint Vincent Medical Center					92.9 (65)
	San Dimas Community Hospital	33.6 (118)	22.8 (69)	1.7 (1)		90.4 (47)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	San Gabriel Valley Medical Center	40.7 (1,007)	22.4 (422)	1.2 (8)	1.2 (7)	87.3 (48)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	33.6 (453)	20.2 (225)	1.5 (4)	1.7 (4)	93.8 (137)
	Sherman Oaks Hospital					100.0 (30)
	Shriners Hospital for Children – Los Angeles					
	Silver Lake Medical Center – Downtown Campus					90.9 (10)
	Southern California Hospital At Culver City**					72.3 (34)
	Southern California Hospital at Hollywood**					90.0 (9)
	Temple Community Hospital					83.3 (5)
	Torrance Memorial Medical Center	37.8 (1,030)	23.4 (508)	6.1 (38)	5.9 (33)	95.8 (323)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Los Angeles (continued)	Tri-City Regional Medical Center – Hawaiian Gardens					83.0 (39)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					
	University of Southern California Verdugo Hills Hospital**	40.3 (216)	25.1 (107)	0.9 (1)	0.9 (1)	85.9 (55)
	Valley Presbyterian Hospital	41.2 (1,280)	22.8 (535)	1.9 (17)	1.5 (11)	94.4 (153)
	West Hills Hospital and Medical Center	34.5 (245)	22.4 (134)			87.8 (79)
	White Memorial Medical Center	30.6 (1,083)	16.0 (445)	16.1 (149)	16.8 (129)	84.4 (146)
	Whittier Hospital Medical Center	36.6 (912)	20.1 (393)	2.6 (15)	2.4 (13)	95.9 (118)
Madera	Children’s Hospital Central California					
	Madera Community Hospital	31.8 (472)	16.1 (191)	5.0 (16)	5.4 (16)	93.3 (56)

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Marin	Kaiser Foundation Hospital – San Rafael					82.3 (51)
	Marin General Hospital	20.5 (243)	11.9 (121)	24.7 (47)	27.4 (46)	100.0 (56)
	Novato Community Hospital					90.5 (19)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					82.4 (14)
	Mendocino Coast District Hospital	31.2 (43)	18.8 (22)			66.7 (4)
	Ukiah Valley Medical Center	23.9 (174)	13.6 (84)	18.8 (24)	19.6 (22)	91.5 (54)
Merced	Memorial Hospital Los Banos	32.8 (217)	15.6 (82)			72.7 (8)

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Merced (continued)	Mercy Medical Center – Merced	34.3 (690)	19.4 (313)	4.6 (21)	4.1 (16)	89.1 (115)
Modoc	Modoc Medical Center					
	Surprise Valley Community Hospital					
Mono	Mammoth Hospital	26.7 (27)	15.9 (14)			100.0 (2)
Monterey	Community Hospital of the Monterey Peninsula**	26.5 (288)	15.8 (150)	1.3 (2)	0.7 (1)	93.8 (165)
	George L. Mee Memorial Hospital	24.4 (116)	10.2 (41)			92.5 (37)
	Natividad Medical Center	24.3 (548)	13.6 (249)	28.6 (133)	29.5 (125)	98.2 (111)
	Salinas Valley Memorial Hospital	27.6 (457)	14.7 (205)	1.8 (5)	1.9 (5)	86.5 (148)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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Utilization Rates* for Selected Medical Procedures in California Hospitals, 2013
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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Napa	Queen of the Valley Hospital – Napa	23.5 (165)	15.3 (92)	25.0 (31)	27.7 (28)	94.3 (83)
	Saint Helena Hospital	26.3 (55)	13.5 (24)			90.5 (19)
Nevada	Sierra Nevada Memorial Hospital	24.4 (110)	12.0 (46)	4.2 (3)	4.5 (3)	84.8 (56)
	Tahoe Forest Hospital	24.8 (83)	15.0 (44)	4.3 (2)	4.9 (2)	88.9 (24)
Orange	AHMC Anaheim Regional Medical Center	25.9 (391)	13.3 (170)	2.4 (6)	1.8 (4)	90.1 (210)
	Anaheim General Hospital					100.0 (4)
	Chapman Medical Center					92.9 (26)
	Children’s Hospital of Orange County					100.0 (2)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Orange (continued)	Coastal Communities Hospital	40.1 (368)	19.9 (135)	2.8 (7)	2.9 (7)	83.9 (120)
	College Hospital Costa Mesa					
	Fountain Valley Regional Hospital and Medical Center – Euclid	32.7 (852)	18.1 (381)	6.0 (33)	6.2 (31)	91.4 (275)
	Garden Grove Hospital and Medical Center	37.3 (566)	19.4 (226)	2.2 (9)	2.6 (9)	91.1 (92)
	Hoag Memorial Hospital Presbyterian	33.3 (1,775)	21.0 (914)	10.7 (113)	10.9 (105)	89.9 (285)
	Hoag Orthopedic Institute					
	Huntington Beach Hospital					92.3 (24)
	Kaiser Foundation Hospital – Orange County – Anaheim**	28.0 (1,378)	17.7 (735)	17.3 (149)	17.5 (136)	93.0 (238)
	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	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Orange (continued)	La Palma Intercommunity Hospital	33.3 (122)	13.5 (38)			86.2 (25)
	Los Alamitos Medical Center	24.3 (315)	11.5 (126)	4.7 (10)	5.0 (10)	84.7 (100)
	Mission Hospital Laguna Beach					100.0 (9)
	Mission Hospital Regional Medical Center	30.7 (738)	18.0 (360)	6.8 (31)	6.9 (28)	94.8 (127)
	Newport Specialty Hospital					
	Orange Coast Memorial Medical Center	32.8 (491)	21.5 (276)	0.8 (2)	0.9 (2)	88.4 (229)
	Placentia Linda Hospital					91.6 (76)
	Saddleback Memorial Medical Center	27.2 (652)	17.7 (353)	24.4 (110)	26.0 (105)	98.1 (102)
	Saint Joseph Hospital – Orange	33.4 (1,501)	20.4 (744)	9.6 (90)	9.9 (83)	79.5 (124)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Orange (continued)	Saint Jude Medical Center	26.2 (487)	16.3 (257)	17.5 (54)	17.6 (49)	89.4 (101)
	UC Irvine Medical Center	26.1 (298)	14.1 (131)	23.3 (69)	22.7 (49)	85.8 (103)
	West Anaheim Medical Center					95.3 (102)
	Western Medical Center – Anaheim	29.3 (335)	13.0 (120)	1.6 (4)	1.4 (3)	92.9 (52)
	Western Medical Center – Santa Ana	34.2 (647)	14.6 (211)	2.2 (11)	2.2 (10)	90.8 (59)
Placer	Kaiser Foundation Hospital – Roseville	21.0 (930)	12.5 (476)	23.9 (168)	25.6 (156)	87.3 (178)
	Sutter Auburn Faith Hospital					100.0 (76)
	Sutter Roseville Medical Center	25.7 (695)	14.6 (330)	16.8 (82)	17.0 (75)	95.8 (249)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Plumas	Eastern Plumas Hospital – Portola Campus					
	Plumas District Hospital	17.2 (10)	12.7 (7)			100.0 (13)
	Seneca Healthcare District					
Riverside	Corona Regional Medical Center – Main	29.9 (338)	15.2 (142)	0.5 (1)	0.5 (1)	95.1 (137)
	Desert Regional Medical Center	28.8 (828)	14.3 (334)	10.1 (61)	10.5 (58)	84.5 (234)
	Eisenhower Medical Center					91.6 (361)
	Hemet Valley Medical Center	37.1 (428)	18.8 (167)	2.0 (6)	1.5 (4)	73.8 (79)
	John F. Kennedy Memorial Hospital	33.3 (691)	17.6 (294)	0.7 (3)	0.8 (3)	97.7 (291)
	Kaiser Foundation Hospital – Moreno Valley	21.4 (212)	11.6 (99)	16.0 (23)	16.3 (22)	94.9 (94)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Riverside (continued)	Kaiser Foundation Hospital – Riverside	27.8 (690)	14.3 (288)	12.9 (66)	12.8 (59)	93.1 (188)
	Kindred Hospital – Riverside					
	Loma Linda University Medical Center – Murrieta	27.0 (269)	14.8 (126)			93.9 (168)
	Menifee Valley Medical Center					81.1 (30)
	Palo Verde Hospital	32.8 (43)	10.2 (10)			100.0 (14)
	Parkview Community Hospital Medical Center	32.5 (536)	17.1 (229)	1.1 (4)	1.3 (4)	88.1 (104)
	Riverside Community Hospital	30.9 (1,093)	17.3 (510)	0.3 (2)	0.3 (2)	76.4 (214)
	Riverside County Regional Medical Center	26.0 (521)	14.2 (236)	17.4 (70)	16.7 (57)	90.6 (164)
	San Geronio Memorial Hospital	25.6 (99)	17.1 (59)	2.1 (1)	2.4 (1)	88.9 (64)

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		Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Riverside (continued)	Southwest Healthcare System – Murrieta	26.1 (739)	12.0 (283)	1.4 (7)	1.3 (6)	92.8 (298)
	Temecula Valley Hospital**					100.0 (16)
Sacramento	Kaiser Foundation Hospital – Sacramento					72.2 (91)
	Kaiser Foundation Hospital – South Sacramento	16.5 (353)	9.2 (172)	31.4 (96)	32.2 (86)	90.0 (135)
	Mercy General Hospital	25.1 (481)	15.1 (246)	17.5 (56)	18.4 (53)	91.8 (123)
	Mercy Hospital – Folsom	25.3 (219)	12.9 (93)	12.3 (19)	13.1 (19)	89.0 (97)
	Mercy San Juan Hospital	28.2 (533)	17.8 (286)	12.7 (43)	13.0 (37)	92.2 (154)
	Methodist Hospital of Sacramento	28.5 (468)	16.5 (226)	11.9 (35)	11.4 (31)	96.2 (175)

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Sacramento (continued)	Shriners Hospital for Children Northern California					
	Sutter General Hospital					88.5 (116)
	Sutter Memorial Hospital	31.1 (1,489)	17.1 (653)	14.2 (157)	14.3 (139)	98.3 (58)
	UC Davis Medical Center	27.2 (425)	17.6 (229)	23.8 (72)	25.2 (66)	83.8 (165)
San Benito	Hazel Hawkins Memorial Hospital	37.5 (156)	22.2 (74)			100.0 (61)
San Bernardino	Arrowhead Regional Medical Center	26.7 (582)	12.2 (209)	18.7 (98)	20.0 (93)	90.1 (272)
	Barstow Community Hospital	31.1 (92)	17.8 (43)	9.1 (6)	9.3 (5)	76.7 (33)
	Bear Valley Community Hospital					

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Bernardino (continued)	Chino Valley Medical Center					94.6 (88)
	Colorado River Medical Center					91.7 (11)
	Community Hospital of San Bernardino	39.4 (716)	21.8 (306)	0.6 (3)	0.7 (3)	93.5 (130)
	Desert Valley Hospital	31.9 (239)	16.1 (98)	0.7 (1)	0.7 (1)	93.2 (124)
	Hi-Desert Medical Center	39.2 (169)	25.9 (91)	2.3 (2)	2.5 (2)	88.2 (67)
	Kaiser Foundation Hospital – Fontana	26.8 (1,242)	15.4 (605)	11.7 (95)	11.4 (82)	86.7 (254)
	Kindred Hospital – Ontario					
	Kindred Hospital – Rancho					100.0 (1)

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Bernardino (continued)	Loma Linda University Medical Center	28.4 (677)	16.3 (303)	27.2 (179)	28.9 (152)	81.9 (122)
	Montclair Hospital Medical Center	37.7 (271)	19.3 (107)	0.6 (1)	0.6 (1)	92.9 (52)
	Mountains Community Hospital					
	Redlands Community Hospital	26.6 (592)	12.7 (237)	0.5 (2)	0.3 (1)	78.2 (86)
	Saint Bernardine Medical Center	26.5 (482)	15.4 (241)	4.7 (14)	4.4 (11)	89.3 (175)
	Saint Mary Regional Medical Center	23.0 (498)	13.3 (255)	0.7 (2)	0.8 (2)	90.2 (276)
	San Antonio Community Hospital	34.3 (663)	20.1 (320)	1.0 (4)	0.9 (3)	88.6 (327)
	Victor Valley Global Medical Center**	38.0 (429)	19.2 (166)	0.7 (2)	0.8 (2)	90.2 (111)

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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Diego	Alvarado Hospital					88.6 (62)
	Fallbrook Hospital District	22.8 (78)	11.7 (35)			93.8 (30)
	Grossmont Hospital	31.8 (1,105)	19.0 (538)	11.9 (85)	12.4 (80)	96.7 (506)
	Kaiser Foundation Hospital – San Diego	31.1 (1,214)	20.8 (679)	14.0 (98)	15.1 (95)	92.9 (339)
	Kindred Hospital – San Diego					
	Palomar Health Downtown Campus	31.7 (902)	18.0 (412)	11.1 (67)	11.7 (65)	94.3 (166)
	Paradise Valley Hospital	32.5 (289)	18.5 (136)	1.8 (3)	1.9 (3)	85.4 (41)
	Pomerado Hospital	29.7 (330)	17.1 (155)	13.8 (32)	15.0 (31)	95.1 (58)
	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, 2013.

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Utilization Rates* for Selected Medical Procedures in California Hospitals, 2013
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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Diego (continued)	Rady Children's Hospital – San Diego					100.0 (6)
	Scripps Green Hospital					90.3 (93)
	Scripps Memorial Hospital – Encinitas	25.3 (401)	16.8 (230)	20.8 (51)	21.6 (47)	91.6 (142)
	Scripps Memorial Hospital – La Jolla	35.3 (1,215)	22.6 (635)	9.2 (64)	8.9 (57)	93.1 (162)
	Scripps Mercy Hospital	25.6 (864)	14.6 (420)	8.9 (47)	9.2 (45)	92.3 (457)
	Sharp Chula Vista Medical Center	34.9 (821)	18.5 (344)	4.6 (27)	4.6 (23)	88.4 (183)
	Sharp Coronado Hospital and Healthcare Center					88.2 (15)
	Sharp Mary Birch Hospital for Women and Newborns	36.1 (2,784)	23.1 (1,440)	8.8 (150)	9.0 (133)	100.0 (1)

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Diego (continued)	Sharp Memorial Hospital	50.0 (4)	42.9 (3)			90.1 (327)
	Tri-City Medical Center – Oceanside	27.6 (644)	16.0 (313)	10.2 (42)	11.0 (41)	86.7 (169)
	UC San Diego Medical Center	26.7 (521)	16.2 (258)	23.6 (99)	25.9 (92)	71.1 (69)
	Vibra Hospital of San Diego					
San Francisco	California Pacific Medical Center – Davies Campus					93.8 (15)
	California Pacific Medical Center – Pacific Campus	26.6 (1,182)	17.1 (658)	11.0 (75)	11.3 (67)	82.5 (127)
	California Pacific Medical Center – St. Luke’s Campus	19.5 (174)	13.1 (108)	1.3 (1)	1.5 (1)	89.5 (51)
	Chinese Hospital					77.8 (21)
	Kaiser Foundation Hospital – San Francisco	22.4 (508)	14.8 (292)	25.9 (89)	27.3 (81)	76.0 (73)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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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)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Francisco (continued)	Laguna Honda Hospital and Rehabilitation Center					
	Saint Francis Memorial Hospital					100.0 (17)
	Saint Mary's Medical Center, San Francisco					79.4 (27)
	San Francisco General Hospital	15.3 (153)	10.0 (87)	44.5 (61)	46.8 (58)	82.9 (87)
	UC San Francisco Medical Center	20.5 (333)	15.4 (220)	36.9 (89)	42.1 (82)	68.0 (100)
San Joaquin	Dameron Hospital	29.3 (320)	14.1 (125)	6.9 (17)	4.9 (10)	84.7 (61)
	Doctors Hospital of Manteca	30.5 (203)	15.6 (85)	3.1 (4)	2.5 (3)	96.7 (29)
	Kaiser Foundation Hospital – Manteca	24.0 (520)	12.6 (228)	16.7 (63)	17.5 (62)	86.7 (111)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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County	Hospital Name	Uncomplicated Cesarean Delivery	Uncomplicated Primary Cesarean Delivery	Vaginal Birth after Cesarean (VBAC)	Uncomplicated VBAC	Laparoscopic Cholecystectomy (Gall Bladder Surgery)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Joaquin (continued)	Lodi Memorial Hospital	31.6 (308)	14.7 (114)	2.4 (5)	2.0 (4)	90.6 (58)
	Saint Joseph's Medical Center of Stockton	25.6 (525)	15.1 (263)	16.0 (60)	16.0 (50)	88.6 (171)
	San Joaquin General Hospital	29.3 (477)	14.5 (187)	12.7 (48)	13.7 (46)	91.2 (104)
	Sutter Tracy Community Hospital	29.1 (168)	15.1 (73)			100.0 (114)
San Luis Obispo	French Hospital Medical Center	22.8 (127)	17.2 (89)			86.8 (33)
	Marian Regional Medical Center – Arroyo Grande**					92.5 (49)
	Sierra Vista Regional Medical Center	33.5 (374)	22.3 (199)	19.9 (48)	21.2 (47)	93.6 (44)
	Twin Cities Community Hospital	21.3 (136)	8.2 (45)			87.5 (63)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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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)
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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
San Mateo	Kaiser Foundation Hospital – Redwood City	14.0 (187)	9.2 (113)	28.2 (35)	30.8 (33)	83.9 (26)
	Kaiser Foundation Hospital – South San Francisco					84.3 (70)
	Menlo Park Surgical Hospital					
	Peninsula Medical Center	28.3 (505)	19.1 (292)	14.4 (41)	15.5 (39)	95.0 (152)
	San Mateo Medical Center					100.0 (97)
	Sequoia Hospital	29.0 (401)	16.9 (191)	16.3 (46)	17.3 (44)	97.8 (44)
	Seton Medical Center	25.9 (138)	20.0 (91)	39.3 (33)	38.2 (29)	80.0 (72)
Santa Barbara	Goleta Valley Cottage Hospital					85.7 (18)
	Lompoc Valley Medical Center	24.5 (105)	12.0 (44)	1.5 (1)	1.6 (1)	94.0 (47)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Santa Barbara (continued)	Marian Regional Medical Center	29.8 (781)	15.3 (331)	1.9 (10)	1.7 (8)	91.5 (161)
	Santa Barbara Cottage Hospital	30.2 (622)	18.4 (324)	0.3 (1)	0.3 (1)	95.3 (205)
	Santa Ynez Valley Cottage Hospital					
Santa Clara	El Camino Hospital	29.1 (1,298)	17.6 (668)	3.3 (24)	3.1 (20)	88.5 (123)
	Good Samaritan Hospital – San Jose	35.5 (1,096)	22.3 (559)	7.8 (51)	7.7 (45)	89.1 (172)
	Kaiser Foundation Hospital – San Jose	20.4 (391)	12.8 (213)	29.7 (82)	30.2 (77)	88.1 (111)
	Kaiser Foundation Hospital – Santa Clara	25.7 (978)	17.2 (565)	20.6 (125)	22.2 (118)	93.2 (246)
	Lucile Salter Packard Children’s Hospital at Stanford	26.1 (913)	15.3 (451)	16.8 (109)	16.9 (94)	100.0 (1)
	O’Connor Hospital – San Jose	27.0 (765)	14.1 (337)	4.8 (23)	3.8 (17)	82.1 (133)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Santa Clara (continued)	Regional Medical of San Jose	25.1 (82)	13.5 (38)	1.8 (1)	2.2 (1)	96.1 (195)
	Saint Louise Regional Hospital	21.3 (112)	10.4 (48)	1.4 (1)		89.1 (49)
	Santa Clara Valley Medical Center	24.8 (771)	14.9 (381)	30.7 (202)	30.9 (174)	86.7 (169)
	Stanford Hospital	80.0 (4)	66.7 (2)			67.5 (112)
Santa Cruz	Dominican Hospital – Santa Cruz/Soquel	26.3 (192)	16.1 (98)	23.0 (32)	24.2 (30)	94.0 (110)
	Sutter Maternity and Surgery Center of Santa Cruz	21.7 (184)	11.8 (85)	20.3 (26)	20.8 (26)	33.3 (1)
	Watsonville Community Hospital	29.2 (349)	15.4 (152)	5.7 (13)	6.2 (13)	98.5 (67)
Shasta	Mayers Memorial Hospital	25.5 (14)	16.3 (8)			

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Shasta (continued)	Mercy Medical Center – Redding	32.5 (574)	18.3 (266)	0.3 (1)	0.3 (1)	84.4 (81)
	Patients’ Hospital of Redding					
	Shasta Regional Medical Center					95.5 (127)
	Vibra Hospital of Northern California					
Siskiyou	Fairchild Medical Center	32.0 (56)	16.5 (22)	18.6 (8)	19.0 (8)	96.7 (29)
	Mercy Medical Center Mt. Shasta	28.8 (38)	12.3 (13)	3.6 (1)	3.8 (1)	86.7 (26)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	21.4 (429)	12.9 (225)	20.1 (60)	21.8 (57)	88.0 (103)
	Kaiser Foundation Hospital – Vacaville	21.5 (20)	11.4 (9)	20.0 (3)	21.4 (3)	86.1 (62)
	North Bay Medical Center	27.6 (334)	14.8 (148)	9.7 (22)	9.7 (20)	97.1 (136)

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	STATEWIDE AVERAGE	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Solano (continued)	Sutter Solano Medical Center	22.1 (132)	14.2 (77)	3.2 (2)	1.8 (1)	92.6 (63)
Sonoma	Healdsburg District Hospital					63.2 (12)
	Kaiser Foundation Hospital – Santa Rosa	21.3 (361)	12.8 (189)	17.9 (42)	18.5 (39)	82.1 (101)
	Palm Drive Hospital					100.0 (9)
	Petaluma Valley Hospital	24.7 (100)	14.9 (52)	13.1 (8)	14.3 (8)	89.2 (33)
	Santa Rosa Memorial Hospital – Montgomery	26.0 (195)	14.1 (84)	27.3 (45)	28.8 (45)	82.5 (118)
	Sonoma Valley Hospital	18.9 (28)	11.1 (15)			83.3 (15)
	Sutter Medical Center of Santa Rosa	20.3 (286)	9.9 (124)	0.5 (1)		90.5 (57)

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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Stanislaus	Doctors Medical Center	31.0 (1,109)	15.7 (446)	8.9 (71)	8.7 (63)	85.2 (173)
	Emanuel Medical Center, Inc.	21.2 (253)	8.5 (87)	2.2 (4)	1.8 (3)	93.9 (186)
	Memorial Hospital Medical Center – Modesto	32.3 (532)	19.2 (264)	0.3 (1)	0.4 (1)	88.0 (219)
	Oak Valley District Hospital	34.5 (40)	23.2 (23)			88.5 (23)
	Stanislaus Surgical Hospital					100.0 (5)
Sutter	Sutter Surgical Hospital – North Valley					88.9 (8)
Tehama	Saint Elizabeth Community Hospital	26.2 (154)	14.7 (74)	3.3 (3)	2.4 (2)	88.7 (55)
Trinity	Trinity Hospital					50.0 (2)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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

**Hospital consolidated or changed name from 2012 to 2013.

1 Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. 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).

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2013
Office of Statewide Health Planning and Development, Hospital Patient Discharge 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	29.8 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Tulare	Kaweah Delta Medical Center	34.0 (1,239)	18.9 (553)	4.1 (34)	4.1 (29)	92.4 (206)
	Sierra View District Hospital	28.1 (409)	13.3 (160)	2.6 (7)	2.4 (6)	79.2 (61)
	Tulare Regional Medical Center	32.5 (358)	15.3 (133)	2.0 (5)	2.2 (5)	82.9 (63)
Tuolumne	Sonora Regional Medical Center – Greenley	33.3 (159)	21.6 (88)			92.3 (60)
Ventura	Community Memorial Hospital – San Buenaventura	28.3 (652)	14.4 (278)	1.4 (6)	1.3 (5)	88.9 (144)
	Los Robles Hospital and Medical Center	33.3 (543)	20.9 (277)	12.1 (41)	12.8 (39)	90.4 (113)
	Ojai Valley Community Hospital					80.0 (4)
	Saint John’s Pleasant Valley Hospital					97.0 (32)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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Utilization Rates* for Selected Medical Procedures in California Hospitals, 2013
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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 (127,354)	17.1 (60,351)	9.9 (8,312)	10.0 (7,482)	89.6 (33,526)
Ventura (continued)	Saint John's Regional Medical Center	31.0 (672)	18.3 (334)	0.5 (2)	0.3 (1)	91.9 (102)
	Simi Valley Hospital and Healthcare Services – Sycamore	27.5 (154)	15.4 (74)			91.9 (136)
	Ventura County Medical Center	25.1 (473)	10.9 (171)	3.4 (12)	3.5 (11)	97.1 (136)
Yolo	Sutter Davis Hospital	14.9 (191)	7.8 (90)	17.6 (24)	18.5 (23)	94.5 (69)
	Woodland Memorial Hospital	22.0 (144)	10.5 (60)	1.0 (1)	1.2 (1)	92.5 (49)
Yuba	Rideout Memorial Hospital	26.0 (491)	13.6 (217)	7.5 (24)	7.4 (22)	83.8 (124)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 4.5 and OSHPD Hospital Patient Discharge Data, 2013.

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