

Utilization Rates* for Selected Medical Procedures in California Hospitals, 2014
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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Alameda	Alameda Hospital					93.1 (27)
	Alta Bates Summit Medical Center – Alta Bates Campus	23.7 (1,356)	15.8 (764)	30.1 (293)	31.5 (272)	91.4 (74)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					92.6 (112)
	Children’s Hospital and Research Center at Oakland					75.0 (3)
	Eden Medical Center	26.7 (341)	14.9 (164)	1.5 (3)	1.1 (2)	90.1 (82)
	Highland Hospital**	25.6 (261)	13.4 (111)	21.8 (46)	21.5 (41)	95.1 (194)
	Kaiser Foundation Hospital – Fremont					100.0 (17)
	Kaiser Foundation Hospital – Hayward	23.9 (228)	14.3 (117)	20.5 (32)	20.1 (28)	77.8 (42)
	Kaiser Foundation Hospital – Oakland Campus	22.6 (202)	16.1 (128)	26.9 (35)	26.7 (27)	89.5 (85)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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	STATEWIDE AVERAGE	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Alameda (continued)	Kaiser Foundation Hospital – Oakland/Richmond	23.0 (252)	15.2 (143)	27.4 (48)	29.7 (46)	93.1 (81)
	Kaiser Foundation Hospital – San Leandro	23.4 (404)	14.2 (210)	22.1 (62)	23.0 (58)	85.2 (46)
	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	24.7 (177)	11.4 (69)	0.8 (1)	0.9 (1)	96.8 (90)
	San Leandro Hospital					82.1 (32)
	Valleycare Medical Center	31.6 (418)	17.6 (193)	1.2 (3)	1.3 (3)	92.6 (75)
	Washington Hospital – Fremont	29.3 (485)	18.8 (270)	2.1 (5)	0.9 (2)	90.5 (67)
Amador	Sutter Amador Hospital	32.4 (96)	20.6 (52)			91.2 (31)
Butte	Biggs Gridley Memorial Hospital					66.7 (2)

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Butte (continued)	Enloe Medical Center – Esplanade**	26.6 (379)	14.3 (172)	6.3 (15)	6.8 (15)	89.7 (156)
	Feather River Hospital	23.8 (198)	14.7 (109)			88.9 (56)
	Oroville Hospital	32.5 (129)	17.4 (56)	2.4 (2)	2.7 (2)	99.3 (141)
Calaveras	Mark Twain Medical Center					83.3 (10)
Colusa	Colusa Regional Medical Center	52.9 (81)	33.9 (37)			93.3 (14)
Contra Costa	Contra Costa Regional Medical Center	26.2 (538)	17.2 (302)	20.5 (70)	21.3 (64)	98.6 (139)
	Doctors Medical Center – San Pablo					83.3 (35)
	John Muir Medical Center – Concord Campus					99.3 (140)

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Contra Costa (continued)	John Muir Medical Center – Walnut Creek Campus	20.7 (508)	11.3 (234)	23.9 (101)	25.7 (95)	85.4 (134)
	Kaiser Foundation Hospital – Antioch	23.4 (336)	13.8 (171)	14.6 (32)	14.9 (29)	60.5 (46)
	Kaiser Foundation Hospital – Walnut Creek	22.7 (696)	14.0 (372)	21.7 (104)	23.4 (99)	90.1 (118)
	San Ramon Regional Medical Center	34.6 (230)	21.8 (120)	3.1 (4)	3.5 (4)	100.0 (70)
	Sutter Delta Medical Center	23.9 (216)	12.5 (97)	7.0 (10)	7.0 (9)	94.6 (106)
Del Norte	Sutter Coast Hospital	27.8 (77)	16.3 (39)			84.0 (21)
El Dorado	Barton Memorial Hospital	27.4 (84)	17.5 (47)	2.3 (1)	2.6 (1)	97.7 (43)
	Marshall Medical Center	28.1 (131)	18.3 (72)	17.1 (14)	19.2 (14)	91.2 (62)

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Fresno	Adventist Medical Center – Reedley	30.2 (398)	13.9 (148)	0.4 (1)	0.4 (1)	100.0 (1)
	Clovis Community Medical Center	34.0 (1,508)	18.2 (637)	6.4 (65)	6.6 (62)	90.8 (157)
	Coalinga Regional Medical Center					
	Community Regional Medical Center – Fresno	28.2 (1,420)	13.1 (527)	11.4 (142)	11.5 (116)	89.5 (316)
	Fresno Heart and Surgical Hospital					98.6 (68)
	Fresno Surgical Hospital					
	Kaiser Foundation Hospital – Fresno	25.2 (272)	13.4 (119)	19.5 (43)	20.7 (40)	94.9 (74)
	Saint Agnes Medical Center	32.5 (902)	16.4 (365)	1.8 (11)	1.6 (9)	89.2 (207)
	San Joaquin Valley Rehabilitation Hospital					
Glenn	Glenn Medical Center					

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Humboldt	Jerold Phelps Community Hospital					
	Mad River Community Hospital	18.3 (100)	9.8 (46)	26.4 (23)	28.9 (22)	91.7 (55)
	Redwood Memorial Hospital	20.0 (62)	10.0 (26)	25.0 (14)	26.5 (13)	70.6 (12)
	Saint Joseph Hospital – Eureka	26.0 (115)	14.8 (57)			93.8 (75)
Imperial	El Centro Regional Medical Center	42.7 (415)	23.3 (168)	1.1 (3)	1.2 (3)	95.9 (71)
	Pioneers Memorial Healthcare District	33.6 (581)	17.6 (246)			95.7 (45)
Inyo	Northern Inyo Hospital	27.9 (56)	12.2 (20)	2.6 (1)	2.7 (1)	75.0 (9)
	Southern Inyo Hospital					
Kern	Bakersfield Heart Hospital					85.7 (42)

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Kern (continued)	Bakersfield Memorial Hospital	22.2 (633)	10.5 (255)	11.6 (55)	11.9 (51)	90.6 (174)
	Delano Regional Medical Center	30.3 (227)	16.5 (102)	3.4 (5)	3.1 (4)	93.5 (43)
	Good Samaritan Hospital – Bakersfield					75.0 (3)
	Kern Medical Center	28.2 (661)	13.7 (257)	14.8 (82)	15.1 (72)	86.8 (66)
	Kern Valley Healthcare District					
	Mercy Hospital – Bakersfield	25.8 (631)	15.0 (310)	13.8 (59)	14.9 (56)	94.0 (187)
	Ridgecrest Regional Hospital	34.5 (144)	20.7 (71)	1.2 (1)	1.4 (1)	89.5 (34)
	San Joaquin Community Hospital	20.5 (653)	9.6 (266)	6.4 (29)	6.1 (25)	90.5 (257)
	Tehachapi Hospital					

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Kings	Adventist Medical Center	25.2 (70)	9.6 (22)	5.6 (3)	2.0 (1)	96.4 (190)
	Central Valley General Hospital	33.6 (658)	17.6 (274)	5.3 (24)	5.4 (22)	
Lake	Saint Helena Hospital – Clearlake	20.1 (33)	10.3 (15)			73.7 (14)
	Sutter Lakeside Hospital	34.6 (85)	22.1 (45)	4.3 (2)	4.8 (2)	90.0 (9)
Lassen	Banner Lassen Medical Center	35.2 (88)	22.2 (46)	2.1 (1)	2.3 (1)	94.7 (18)
Los Angeles	Alhambra Hospital Medical Center**					93.1 (67)
	Antelope Valley Hospital	36.4 (1,661)	20.4 (735)	4.1 (45)	4.3 (42)	89.0 (170)
	Barlow Respiratory Hospital					

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Los Angeles (continued)	Beverly Hospital	42.9 (319)	21.2 (114)	0.9 (2)	0.5 (1)	89.9 (124)
	California Hospital Medical Center – Los Angeles	28.4 (1,016)	14.7 (418)	18.7 (158)	19.3 (143)	81.6 (115)
	Catalina Island Medical Center					
	Cedars Sinai Medical Center	30.0 (1,733)	20.3 (993)	15.6 (154)	16.5 (146)	90.0 (342)
	Centinela Hospital Medical Center	36.7 (242)	15.9 (78)	5.4 (11)	3.5 (6)	86.9 (53)
	Children’s Hospital of Los Angeles					83.3 (5)
	Citrus Valley Medical Center – Inter Community Campus					93.0 (107)
	Citrus Valley Medical Center – Queen of the Valley Campus	35.6 (1,304)	14.5 (395)	3.4 (35)	3.4 (32)	94.2 (293)
	City of Hope Helford Clinical Research Hospital					27.6 (8)

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Los Angeles (continued)	Coast Plaza Hospital					90.7 (49)
	College Medical Center**	35.1 (121)	14.2 (37)			68.4 (13)
	Community Hospital Long Beach**					87.0 (20)
	Community and Mission Hospital of Huntington Park – Slauson					76.0 (38)
	Doctors Hospital of West Covina, Inc.					
	Earl and Lorraine Miller Children’s Hospital	30.7 (1,570)	17.4 (718)	14.9 (176)	15.0 (150)	100.0 (3)
	East Los Angeles Doctors Hospital	53.1 (232)	35.4 (111)	2.2 (3)	1.6 (2)	86.4 (19)
	Encino Hospital Medical Center					100.0 (18)
	Foothill Presbyterian Hospital – Johnston Memorial	41.0 (292)	25.1 (141)	0.6 (1)	0.7 (1)	91.7 (121)

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Los Angeles (continued)	Gardens Regional Hospital and Medical Center**					91.3 (21)
	Garfield Medical Center	39.2 (1,564)	19.1 (571)	1.1 (12)	0.9 (9)	89.2 (74)
	Glendale Adventist Medical Center**	37.2 (800)	22.6 (385)	8.2 (41)	8.2 (37)	92.3 (168)
	Glendale Memorial Hospital and Medical Center	37.6 (646)	21.7 (293)	3.6 (15)	3.6 (13)	81.7 (85)
	Glendora Community Hospital**	47.5 (76)	29.7 (35)	2.1 (1)	2.4 (1)	77.8 (7)
	Good Samaritan Hospital – Los Angeles	27.4 (928)	14.8 (411)	14.5 (97)	14.8 (90)	85.6 (89)
	Greater El Monte Community Hospital	40.2 (167)	20.5 (64)			88.7 (63)
	Henry Mayo Newhall Hospital**	26.2 (290)	14.7 (140)	1.1 (2)	1.3 (2)	91.3 (126)
	Hollywood Presbyterian Medical Center	34.4 (1,102)	20.0 (515)	8.2 (59)	7.6 (48)	92.0 (138)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Huntington Memorial Hospital	32.7 (935)	20.3 (480)	7.7 (43)	7.9 (39)	91.9 (261)
	Kaiser Foundation Hospital – Baldwin Park	26.1 (654)	14.8 (307)	20.3 (101)	20.4 (89)	94.0 (171)
	Kaiser Foundation Hospital – Downey	26.5 (864)	15.5 (420)	18.0 (113)	19.1 (105)	88.2 (261)
	Kaiser Foundation Hospital – Panorama City	23.9 (452)	13.6 (214)	23.9 (89)	25.2 (80)	76.8 (43)
	Kaiser Foundation Hospital – South Bay	25.9 (536)	16.0 (280)	20.6 (71)	20.2 (65)	86.2 (106)
	Kaiser Foundation Hospital – Sunset	26.5 (574)	18.5 (341)	27.7 (99)	26.7 (85)	91.1 (154)
	Kaiser Foundation Hospital – West Los Angeles	26.8 (420)	17.1 (227)	20.4 (56)	20.6 (50)	93.3 (153)
	Kaiser Foundation Hospital – Woodland Hills	22.3 (317)	12.2 (146)	24.1 (62)	25.0 (57)	89.0 (97)
	Keck Hospital of University of Southern California					43.5 (40)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Kindred Hospital – Baldwin Park					
	Kindred Hospital – La Mirada					
	Kindred Hospital – Los Angeles					
	Kindred Hospital – South Bay					
	Lakewood Regional Medical Center					90.1 (118)
	Long Beach Memorial Medical Center	33.3 (1)				91.0 (262)
	Los Angeles Community Hospital	74.4 (64)	56.0 (28)			92.6 (50)
	Los Angeles County/Harbor – UCLA Medical Center	37.1 (232)	25.3 (127)	17.1 (26)	15.3 (19)	86.4 (310)
	Los Angeles County/Olive View – UCLA Medical Center	30.6 (147)	17.3 (60)	32.5 (55)	35.6 (48)	96.6 (394)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					100.0 (1)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Los Angeles County/University of Southern California Medical Center	31.8 (260)	20.1 (131)	20.3 (44)	21.8 (36)	91.8 (525)
	Marina Del Rey Hospital					96.6 (28)
	Memorial Hospital of Gardena	52.8 (448)	35.4 (218)	1.1 (3)	0.9 (2)	93.3 (28)
	Methodist Hospital of Southern California	28.6 (519)	15.5 (235)	6.0 (20)	6.3 (19)	97.4 (263)
	Miracle Mile Medical Center					
	Mission Community Hospital – Panorama Campus					84.6 (11)
	Monrovia Medical Center					
	Monterey Park Hospital	44.7 (705)	25.2 (294)	0.2 (1)	0.2 (1)	56.6 (47)
	Motion Picture and Television Hospital					
	Northridge Hospital Medical Center	36.4 (404)	19.7 (173)	0.8 (2)		89.2 (157)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Norwalk Community Hospital					100.0 (27)
	Olympia Medical Center					88.2 (15)
	PIH Hospital – Downey**	28.9 (288)	14.4 (118)	5.4 (11)	4.5 (8)	98.5 (128)
	Pacific Alliance Medical Center	35.9 (796)	16.9 (290)	0.7 (4)	0.6 (3)	99.0 (97)
	Pacifica Hospital of the Valley	52.6 (152)	34.3 (71)	2.1 (2)	1.2 (1)	84.6 (33)
	Palmdale Regional Medical Center					92.4 (134)
	Pomona Valley Hospital Medical Center	29.1 (1,844)	13.0 (656)	6.7 (95)	6.6 (84)	85.4 (135)
	Presbyterian Intercommunity Hospital	33.1 (1,193)	16.7 (475)	6.2 (52)	6.0 (46)	91.3 (295)
	Promise Hospital of East Los Angeles – East Los Angeles Campus					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Providence Holy Cross Medical Center	27.8 (817)	14.3 (344)	10.2 (60)	10.9 (58)	93.8 (225)
	Providence Little Company of Mary Medical Center – San Pedro	28.0 (160)	13.8 (66)	1.0 (1)	1.1 (1)	76.3 (29)
	Providence Little Company of Mary Medical Center – Torrance	30.1 (733)	19.1 (393)	9.9 (41)	10.5 (40)	92.7 (280)
	Providence Saint Joseph Medical Center	34.3 (785)	21.7 (416)	0.7 (3)	0.8 (3)	95.3 (264)
	Providence Tarzana Medical Center	36.3 (845)	23.3 (443)	5.2 (25)	5.9 (25)	87.6 (127)
	Ronald Reagan UCLA Medical Center	28.0 (423)	19.1 (242)	24.9 (67)	25.2 (61)	66.3 (61)
	Saint Francis Medical Center	35.6 (1,587)	18.3 (633)	5.5 (65)	5.5 (55)	92.6 (251)
	Saint John’s Health Center	30.7 (573)	20.8 (333)	10.3 (31)	11.4 (31)	87.7 (57)
	Saint Mary Medical Center – Long Beach**	32.9 (814)	19.3 (392)	3.1 (15)	3.0 (13)	82.3 (51)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Saint Vincent Medical Center					88.2 (97)
	San Dimas Community Hospital	37.0 (178)	22.7 (89)			77.1 (27)
	San Gabriel Valley Medical Center	36.4 (1,021)	18.8 (411)	1.3 (9)	1.5 (9)	95.2 (59)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	30.6 (404)	18.4 (205)	2.1 (5)	2.5 (5)	95.7 (157)
	Sherman Oaks Hospital					100.0 (37)
	Shriners Hospital for Children					
	Silver Lake Medical Center – Downtown Campus					77.8 (7)
	Southern California Hospital At Culver City					79.6 (43)
	Southern California Hospital at Hollywood					78.6 (11)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Los Angeles (continued)	Temple Community Hospital					100.0 (6)
	Torrance Memorial Medical Center	34.5 (968)	19.7 (438)	8.9 (57)	8.8 (51)	96.8 (362)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					
	University of Southern California Verdugo Hills Hospital	38.3 (195)	25.9 (110)			85.7 (54)
	Valley Presbyterian Hospital	35.5 (1,131)	16.9 (410)	5.0 (43)	4.8 (36)	94.6 (141)
	West Hills Hospital and Medical Center	34.9 (263)	21.3 (133)			93.2 (96)
	White Memorial Medical Center	29.1 (953)	14.7 (373)	20.2 (174)	21.1 (155)	91.5 (215)
	Whittier Hospital Medical Center	38.4 (1,191)	20.7 (495)	2.1 (16)	2.0 (14)	95.5 (147)
Madera	Children's Hospital Central California					100.0 (4)

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Madera (continued)	Madera Community Hospital	29.5 (392)	13.1 (138)	7.8 (23)	8.0 (22)	92.3 (48)
Marin	Kaiser Foundation Hospital – San Rafael					87.2 (41)
	Kentfield Rehabilitation & Specialty Hospital					
	Marin General Hospital	19.4 (250)	12.0 (134)	29.6 (55)	31.4 (53)	97.2 (69)
	Novato Community Hospital					84.0 (21)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					66.7 (8)
	Mendocino Coast District Hospital	27.7 (33)	12.2 (12)			100.0 (6)
	Ukiah Valley Medical Center	24.2 (179)	10.4 (63)	15.1 (23)	14.7 (20)	100.0 (70)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Merced	Memorial Hospital Los Banos	36.6 (233)	22.6 (118)			85.7 (12)
	Mercy Medical Center – Merced	34.3 (642)	18.4 (273)	3.1 (13)	3.4 (13)	96.0 (121)
Modoc	Modoc Medical Center					
	Surprise Valley Community Hospital					
Mono	Mammoth Hospital	20.0 (18)	13.3 (11)			100.0 (1)
Monterey	Community Hospital of The Monterey Peninsula	29.5 (314)	16.5 (148)	0.6 (1)		94.3 (166)
	George L. Mee Memorial Hospital	26.0 (101)	9.7 (31)			96.2 (25)
	Natividad Medical Center	24.2 (533)	11.8 (204)	26.8 (150)	30.0 (141)	98.1 (104)
	Salinas Valley Memorial Hospital	26.5 (433)	12.7 (174)			89.6 (189)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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		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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Napa	Queen of the Valley Hospital – Napa	25.3 (182)	16.7 (102)	25.6 (34)	27.9 (31)	93.3 (83)
	Saint Helena Hospital	28.1 (66)	12.9 (25)			81.8 (18)
Nevada	Sierra Nevada Memorial Hospital	20.5 (79)	10.6 (36)	3.9 (2)	4.4 (2)	85.7 (60)
	Tahoe Forest Hospital	26.6 (90)	15.1 (44)			95.7 (22)
Orange	AHMC Anaheim Regional Medical Center	26.9 (417)	12.9 (167)	2.1 (6)	1.6 (4)	92.3 (168)
	Chapman Medical Center					100.0 (32)
	Children’s Hospital at Mission					
	Children’s Hospital of Orange County					80.0 (4)
	Coastal Communities Hospital	38.3 (332)	15.3 (96)	1.2 (3)	0.8 (2)	94.5 (103)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Orange (continued)	College Hospital Costa Mesa					
	Fountain Valley Regional Hospital and Medical Center – Euclid	33.7 (1,136)	18.1 (483)	6.8 (52)	7.0 (49)	91.7 (333)
	Garden Grove Hospital and Medical Center	37.3 (607)	16.7 (203)	2.2 (10)	2.2 (9)	93.6 (102)
	Hoag Memorial Hospital Presbyterian	30.5 (1,700)	17.4 (784)	13.0 (147)	12.9 (136)	87.5 (280)
	Hoag Orthopedic Institute					
	Huntington Beach Hospital					95.7 (22)
	Kaiser Foundation Hospital – Orange County – Anaheim	26.4 (1,369)	16.9 (744)	17.8 (153)	18.6 (143)	89.9 (266)
	Kindred Hospital – Brea					
	Kindred Hospital – Westminster					
	La Palma Intercommunity Hospital	27.6 (118)	11.0 (38)			88.9 (40)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Orange (continued)	Los Alamitos Medical Center	25.7 (324)	12.8 (134)	9.1 (21)	9.5 (20)	87.4 (111)
	Mission Hospital Laguna Beach					80.0 (4)
	Mission Hospital Regional Medical Center	30.9 (731)	17.9 (351)	7.0 (32)	6.4 (26)	93.8 (135)
	Orange Coast Memorial Medical Center	34.0 (479)	20.4 (238)	1.1 (3)	1.2 (3)	91.8 (235)
	Placentia Linda Hospital					95.2 (79)
	Saddleback Memorial Medical Center	26.9 (670)	16.8 (349)	21.5 (97)	21.7 (89)	97.8 (87)
	Saint Joseph Hospital – Orange	33.0 (1,445)	19.7 (698)	12.0 (116)	11.8 (100)	80.4 (119)
	Saint Jude Medical Center	24.5 (498)	13.7 (234)	18.9 (69)	19.3 (63)	91.7 (121)
	UC Irvine Medical Center	27.4 (337)	15.8 (156)	23.5 (72)	24.6 (59)	77.8 (112)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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Utilization Rates* for Selected Medical Procedures in California Hospitals, 2014
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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Orange (continued)	West Anaheim Medical Center					98.9 (178)
	Western Medical Center Anaheim	28.7 (307)	13.1 (115)	0.5 (1)	0.5 (1)	81.6 (40)
	Western Medical Center – Santa Ana	36.2 (660)	16.0 (218)	3.8 (19)	3.7 (17)	80.3 (57)
Placer	Kaiser Foundation Hospital – Roseville	19.7 (928)	11.1 (450)	23.9 (179)	25.8 (166)	89.0 (153)
	Sutter Auburn Faith Hospital					90.8 (59)
	Sutter Roseville Medical Center	25.1 (674)	13.8 (312)	12.4 (55)	12.8 (53)	97.2 (247)
Plumas	Eastern Plumas Hospital – Portola Campus					
	Plumas District Hospital	26.3 (15)	12.5 (6)			100.0 (5)
	Seneca Healthcare District					

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Riverside	Corona Regional Medical Center – Main	25.3 (248)	11.1 (91)	1.8 (3)	1.9 (3)	96.2 (176)
	Desert Regional Medical Center	26.8 (781)	14.0 (338)	11.8 (66)	11.8 (59)	86.2 (219)
	Eisenhower Medical Center					86.6 (343)
	Hemet Valley Medical Center	34.2 (398)	17.1 (158)	1.7 (5)	0.8 (2)	77.2 (88)
	John F. Kennedy Memorial Hospital	32.3 (660)	14.7 (238)	0.7 (3)	0.7 (3)	98.4 (245)
	Kaiser Foundation Hospital – Moreno Valley	26.3 (287)	14.4 (132)	12.0 (22)	11.9 (21)	100.0 (54)
	Kaiser Foundation Hospital – Riverside	27.4 (729)	14.3 (315)	11.0 (57)	11.3 (53)	91.0 (121)
	Kindred Hospital – Riverside					
	Loma Linda University Medical Center – Murrieta	23.0 (250)	11.1 (104)	1.8 (3)	2.0 (3)	92.0 (150)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Riverside (continued)	Menifee Valley Medical Center					81.3 (39)
	Palo Verde Hospital	36.1 (52)	13.3 (14)	2.2 (1)	2.6 (1)	86.4 (19)
	Parkview Community Hospital Medical Center	33.9 (717)	18.1 (309)	0.7 (3)	0.2 (1)	86.9 (126)
	Riverside Community Hospital	35.5 (1,117)	21.5 (555)	1.1 (7)	1.1 (6)	83.4 (262)
	Riverside County Regional Medical Center	24.2 (361)	12.0 (146)	21.1 (70)	22.4 (62)	97.2 (209)
	San Geronio Memorial Hospital	29.6 (110)	16.3 (51)			91.2 (62)
	Southwest Healthcare System – Murrieta	25.0 (735)	11.8 (294)	1.2 (6)	1.3 (6)	96.9 (279)
	Temecula Valley Hospital					94.3 (83)
Sacramento	Kaiser Foundation Hospital – Sacramento	100.0 (1)				79.0 (79)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Sacramento (continued)	Kaiser Foundation Hospital – South Sacramento	19.6 (444)	12.0 (238)	26.7 (87)	27.7 (79)	92.0 (126)
	Mercy General Hospital	26.5 (497)	15.9 (251)	15.7 (49)	15.8 (46)	86.3 (101)
	Mercy Hospital – Folsom	22.5 (196)	12.6 (95)	14.8 (19)	15.1 (18)	94.4 (102)
	Mercy San Juan Hospital	26.7 (486)	16.8 (259)	19.0 (63)	20.1 (57)	96.0 (192)
	Methodist Hospital of Sacramento	29.4 (518)	17.2 (253)	9.5 (31)	8.9 (26)	100.0 (150)
	Shriners Hospital for Children Northern California					
	Sutter General Hospital					87.4 (97)
	Sutter Memorial Hospital	30.5 (1,412)	16.8 (625)	13.5 (143)	14.0 (128)	98.2 (55)
	UC Davis Medical Center	27.7 (309)	18.0 (167)	24.6 (57)	24.9 (47)	81.7 (143)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Sacramento (continued)	Vibra Hospital Of Sacramento					
San Benito	Hazel Hawkins Memorial Hospital	33.8 (133)	18.2 (58)	1.2 (1)	1.3 (1)	92.5 (37)
San Bernardino	Arrowhead Regional Medical Center	27.6 (646)	14.1 (265)	16.0 (82)	16.3 (74)	90.9 (231)
	Barstow Community Hospital	29.1 (98)	14.1 (39)	2.9 (2)	3.3 (2)	67.6 (23)
	Bear Valley Community Hospital					
	Chino Valley Medical Center					93.8 (106)
	Colorado River Medical Center					100.0 (7)
	Community Hospital of San Bernardino	39.9 (742)	21.1 (298)	1.0 (5)	0.7 (3)	91.1 (164)
	Desert Valley Hospital	26.9 (228)	14.0 (101)	0.7 (1)	0.8 (1)	95.1 (155)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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		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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Bernardino (continued)	Hi-Desert Medical Center	35.3 (151)	19.2 (66)			93.1 (54)
	Kaiser Foundation Hospital – Fontana	26.4 (1,355)	15.7 (686)	13.4 (118)	13.1 (101)	88.3 (242)
	Kindred Hospital – Ontario					
	Kindred Hospital – Rancho					
	Loma Linda University Children's Hospital	24.7 (74)	11.0 (25)	31.7 (26)	31.9 (23)	
	Loma Linda University Medical Center	28.4 (642)	16.4 (287)	27.5 (168)	29.6 (149)	67.6 (71)
	Montclair Hospital Medical Center	36.3 (337)	16.4 (116)	0.4 (1)	0.5 (1)	93.5 (43)
	Mountains Community Hospital					100.0 (2)
	Redlands Community Hospital	25.8 (613)	12.9 (261)	0.3 (1)		81.3 (87)
	Saint Bernardine Medical Center	25.3 (444)	14.8 (222)	11.5 (33)	11.2 (28)	91.7 (211)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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		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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Bernardino (continued)	Saint Mary Medical Center – Apple Valley	24.0 (520)	13.1 (247)	2.1 (7)	2.2 (6)	91.0 (243)
	San Antonio Community Hospital	32.0 (627)	18.0 (291)	0.8 (3)	0.6 (2)	90.8 (363)
	Victor Valley Global Medical Center	37.8 (417)	18.5 (154)	2.6 (8)	2.6 (7)	89.9 (107)
San Diego	Alvarado Hospital					90.2 (55)
	Fallbrook Hospital District	24.3 (37)	16.8 (23)	6.7 (1)	6.7 (1)	94.7 (18)
	Grossmont Hospital	29.9 (1,042)	16.8 (471)	16.3 (120)	16.0 (109)	96.7 (446)
	Kaiser Foundation Hospital – San Diego	29.7 (1,113)	20.4 (648)	18.2 (120)	18.4 (105)	95.8 (317)
	Kindred Hospital – San Diego					
	Palomar Health Downtown Campus	30.9 (891)	18.9 (452)	11.6 (65)	12.0 (60)	93.2 (207)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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	STATEWIDE AVERAGE	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Diego (continued)	Paradise Valley Hospital	33.9 (323)	19.0 (147)	0.5 (1)	0.6 (1)	100.0 (16)
	Pomerado Hospital	28.1 (370)	14.7 (156)	17.3 (49)	17.7 (46)	93.2 (69)
	Promise Hospital of San Diego					
	Rady Children's Hospital – San Diego					75.0 (3)
	Scripps Green Hospital					86.4 (89)
	Scripps Memorial Hospital – Encinitas	29.7 (561)	18.2 (284)	14.9 (53)	15.0 (49)	87.0 (127)
	Scripps Memorial Hospital – La Jolla	34.6 (1,160)	22.6 (626)	8.8 (56)	9.3 (55)	92.3 (131)
	Scripps Mercy Hospital	24.8 (855)	15.2 (459)	11.0 (53)	10.8 (48)	94.1 (515)
	Sharp Chula Vista Medical Center	32.9 (788)	17.2 (330)	4.1 (22)	4.2 (20)	87.8 (201)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Diego (continued)	Sharp Coronado Hospital and Healthcare Center					84.0 (21)
	Sharp Mary Birch Hospital for Women and Newborns	35.6 (2,907)	22.3 (1,471)	8.0 (147)	8.4 (131)	
	Sharp Memorial Hospital	100.0 (2)	100.0 (2)			93.6 (352)
	Tri-City Medical Center – Oceanside	31.1 (747)	18.6 (369)	9.7 (45)	10.2 (43)	91.8 (135)
	UC San Diego Health System – Hillcrest Medical Center	25.0 (505)	15.6 (262)	26.7 (115)	28.7 (98)	64.9 (63)
	Vibra Hospital of San Diego					
San Francisco	California Pacific Medical Center – Davies Campus					100.0 (18)
	California Pacific Medical Center – Pacific Campus	24.5 (1,058)	15.3 (571)	13.5 (91)	15.0 (86)	72.6 (114)
	California Pacific Medical Center – St. Luke’s Campus	22.3 (192)	16.4 (131)			85.2 (46)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Francisco (continued)	Chinese Hospital					80.6 (25)
	Kaiser Foundation Hospital – San Francisco	23.5 (570)	16.1 (342)	25.1 (90)	24.5 (74)	82.7 (62)
	Laguna Honda Hospital and Rehabilitation Center					
	Saint Francis Memorial Hospital					87.5 (14)
	Saint Mary’s Medical Center, San Francisco					76.3 (29)
	San Francisco General Hospital	17.6 (185)	11.1 (100)	42.8 (74)	44.8 (69)	85.6 (95)
	UC San Francisco Medical Center	18.4 (336)	14.4 (238)	38.2 (79)	41.3 (69)	75.0 (111)
San Joaquin	Dameron Hospital	28.5 (279)	13.9 (109)	13.4 (33)	13.3 (26)	84.8 (89)
	Doctors Hospital of Manteca	32.8 (213)	16.2 (84)	3.6 (5)	2.3 (3)	100.0 (34)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Joaquin (continued)	Kaiser Foundation Hospital – Manteca	23.7 (571)	12.3 (250)	13.5 (57)	14.6 (55)	84.0 (105)
	Lodi Memorial Hospital	29.4 (285)	12.7 (99)	2.5 (5)	2.6 (5)	88.9 (48)
	Saint Joseph’s Medical Center of Stockton	25.8 (585)	14.0 (263)	16.1 (70)	16.4 (63)	88.6 (171)
	San Joaquin General Hospital	26.1 (417)	11.5 (146)	17.4 (65)	16.9 (55)	86.7 (91)
	Sutter Tracy Community Hospital	32.5 (206)	20.3 (109)	0.9 (1)		97.8 (135)
San Luis Obispo	French Hospital Medical Center	23.0 (121)	15.7 (75)	2.0 (1)	2.1 (1)	92.7 (38)
	Marian Regional Medical Center – Arroyo Grande					95.5 (42)
	Sierra Vista Regional Medical Center	34.4 (373)	22.0 (191)	15.2 (36)	16.5 (36)	86.0 (37)
	Twin Cities Community Hospital	24.5 (150)	11.4 (59)	1.0 (1)	1.1 (1)	91.4 (64)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
San Mateo	Kaiser Foundation Hospital – Redwood City	17.6 (248)	12.2 (156)	32.4 (48)	32.4 (44)	75.6 (31)
	Kaiser Foundation Hospital – South San Francisco					87.9 (80)
	Menlo Park Surgical Hospital					
	Peninsula Medical Center	27.4 (517)	18.2 (295)	15.6 (47)	16.9 (45)	94.7 (124)
	San Mateo Medical Center					100.0 (104)
	Sequoia Hospital	31.7 (477)	20.5 (252)	17.3 (52)	18.2 (50)	97.2 (35)
	Seton Medical Center	24.5 (122)	16.8 (72)	28.6 (22)	27.5 (19)	83.7 (77)
Santa Barbara	Goleta Valley Cottage Hospital					81.3 (13)
	Lompoc Valley Medical Center	23.1 (96)	8.0 (28)			96.2 (51)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Santa Barbara (continued)	Marian Regional Medical Center	30.1 (823)	15.4 (347)	2.0 (11)	1.9 (9)	92.0 (183)
	Santa Barbara Cottage Hospital	32.2 (685)	19.9 (358)	0.8 (3)	0.6 (2)	92.0 (172)
	Santa Ynez Valley Cottage Hospital					
Santa Clara	El Camino Hospital	27.6 (1,319)	16.6 (678)	5.7 (42)	6.0 (41)	88.7 (118)
	Good Samaritan Hospital – San Jose	34.4 (1,051)	20.5 (505)	8.8 (60)	8.5 (51)	92.6 (175)
	Kaiser Foundation Hospital – San Jose	20.0 (386)	11.9 (200)	25.8 (74)	27.6 (71)	88.0 (81)
	Kaiser Foundation Hospital – Santa Clara	27.8 (1,061)	19.1 (625)	19.5 (123)	20.6 (113)	88.5 (138)
	Lucile Salter Packard Children’s Hospital at Stanford	27.9 (1,014)	16.0 (481)	13.8 (100)	14.0 (87)	100.0 (2)
	O’Connor Hospital**	26.3 (731)	13.2 (309)	4.4 (21)	4.5 (20)	83.2 (114)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Santa Clara (continued)	Regional Medical of San Jose	28.3 (130)	17.0 (67)	2.5 (2)	3.1 (2)	96.1 (223)
	Saint Louise Regional Hospital	20.3 (108)	10.8 (51)	3.3 (2)	1.7 (1)	87.5 (42)
	Santa Clara Valley Medical Center	22.6 (676)	13.1 (325)	30.6 (185)	32.0 (165)	89.5 (188)
	Stanford Hospital					63.3 (93)
Santa Cruz	Dominican Hospital**	25.1 (197)	14.4 (94)	20.6 (32)	22.6 (30)	98.8 (82)
	Sutter Maternity and Surgery Center of Santa Cruz	19.0 (185)	11.1 (94)	25.8 (34)	26.6 (33)	33.3 (2)
	Watsonville Community Hospital	32.3 (388)	17.5 (170)	4.4 (11)	4.8 (11)	97.6 (82)
Shasta	Mayers Memorial Hospital	25.5 (14)	10.9 (5)			100.0 (2)

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Shasta (continued)	Mercy Medical Center – Redding	31.5 (551)	17.2 (249)	0.6 (2)	0.7 (2)	86.7 (98)
	Patients’ Hospital of Redding					
	Shasta Regional Medical Center					97.9 (94)
	Vibra Hospital of Northern California					
Siskiyou	Fairchild Medical Center	29.0 (51)	15.8 (23)	6.5 (2)	6.7 (2)	95.8 (23)
	Mercy Medical Center Mt. Shasta	24.3 (28)	14.7 (15)			86.4 (19)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	21.5 (293)	13.9 (164)	29.4 (63)	30.6 (57)	83.3 (70)
	Kaiser Foundation Hospital – Vacaville	22.3 (229)	12.5 (111)	16.7 (25)	16.3 (23)	83.3 (65)
	North Bay Medical Center	26.8 (326)	14.5 (147)	12.0 (27)	12.3 (25)	96.9 (126)

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Solano (continued)	Sutter Solano Medical Center	19.5 (107)	11.8 (59)	1.8 (1)	2.0 (1)	94.2 (49)
Sonoma	Healdsburg District Hospital					61.1 (11)
	Kaiser Foundation Hospital – Santa Rosa	23.3 (420)	14.8 (229)	23.3 (65)	24.8 (63)	86.5 (96)
	Palm Drive Hospital					100.0 (1)
	Petaluma Valley Hospital	21.7 (92)	12.7 (47)	15.8 (9)	15.1 (8)	91.9 (34)
	Santa Rosa Memorial Hospital – Montgomery	25.6 (168)	14.6 (75)	32.9 (52)	35.0 (50)	66.7 (66)
	Sonoma Valley Hospital	22.3 (33)	8.0 (10)			100.0 (12)
	Sutter Medical Center of Santa Rosa	21.5 (260)	12.6 (136)	1.3 (2)		87.3 (48)
	Sutter Santa Rosa Regional Hospital	15.9 (46)	7.6 (20)			77.8 (7)

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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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Stanislaus	Central Valley Specialty Hospital					
	Doctors Medical Center	31.9 (1,096)	14.9 (398)	8.3 (69)	8.6 (66)	81.5 (181)
	Emanuel Medical Center	19.8 (237)	7.0 (72)	1.1 (2)	1.2 (2)	93.5 (157)
	Memorial Hospital Medical Center – Modesto	31.9 (573)	17.4 (257)	1.6 (6)	0.6 (2)	86.5 (179)
	Oak Valley District Hospital					94.1 (16)
	Stanislaus Surgical Hospital					
Sutter	Sutter Surgical Hospital – North Valley					100.0 (3)
Tehama	Saint Elizabeth Community Hospital	29.9 (185)	16.9 (88)	1.0 (1)	1.0 (1)	82.7 (43)
Trinity	Trinity Hospital					66.7 (2)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

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		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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Tulare	Kaweah Delta Medical Center	32.2 (1,245)	15.3 (466)	3.6 (33)	3.8 (31)	92.0 (207)
	Sierra View Medical Center**	27.9 (398)	13.6 (162)	1.1 (3)	0.8 (2)	85.9 (79)
	Tulare Regional Medical Center	32.0 (319)	13.9 (109)	2.2 (5)	0.9 (2)	89.4 (59)
Tuolumne	Sonora Regional Medical Center – Greenley	36.0 (174)	24.8 (101)	3.5 (3)	3.9 (3)	89.7 (52)
Ventura	Community Memorial Hospital – San Buenaventura	28.9 (749)	14.3 (306)	0.6 (3)	0.2 (1)	87.8 (115)
	Los Robles Hospital and Medical Center	34.5 (596)	19.6 (267)	9.8 (39)	10.4 (38)	88.0 (103)
	Ojai Valley Community Hospital					53.8 (7)
	Saint John’s Pleasant Valley Hospital					95.0 (38)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

*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 2013 to 2014.

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, 2014
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	29.3 (127,296)	16.3 (58,411)	10.5 (9,128)	10.7 (8,234)	90.2 (32,726)
Ventura (continued)	Saint John's Regional Medical Center	29.7 (565)	17.0 (272)	2.1 (7)	1.7 (5)	84.9 (73)
	Simi Valley Hospital and Healthcare Services – Sycamore	23.3 (141)	12.3 (65)			91.0 (142)
	Ventura County Medical Center	26.6 (446)	11.2 (154)	2.3 (8)	2.0 (6)	92.6 (112)
Yolo	Sutter Davis Hospital	13.8 (194)	7.2 (90)	30.6 (49)	31.1 (47)	93.3 (70)
	Woodland Memorial Hospital	23.2 (148)	10.3 (56)	2.0 (2)	2.1 (2)	87.5 (42)
Yuba	Rideout Memorial Hospital	26.8 (485)	13.5 (204)	6.4 (21)	6.6 (20)	85.5 (94)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators, SAS Software, Version 5.0 and OSHPD hospital Patient Discharge Data, 2014.

*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.

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