

# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
Alameda	Alameda County Medical Center – Highland Campus	19.6 (277)	10.7 (129)	27.2 (65)	28.5 (59)	78.5 (51)
	Alameda Hospital					87.1 (27)
	Alta Bates Summit Medical Center – Alta Bates Campus	25.1 (1,600)	16.0 (876)	19.5 (203)	20.3 (184)	92.5 (111)
	Alta Bates Summit Medical Center – Summit Campus – Hawthorne					90.9 (209)
	Children’s Hospital and Research Center at Oakland					100.0 (2)
	Eden Medical Center	24.0 (230)	14.7 (125)	1.5 (2)	1.9 (2)	88.7 (118)
	Kaiser Foundation Hospital – Fremont					82.8 (77)
	Kaiser Foundation Hospital – Hayward	20.3 (538)	13.2 (306)	28.1 (103)	29.5 (97)	76.0 (111)
	Kaiser Foundation Hospital – Oakland Campus	28.3 (575)	21.0 (374)	19.7 (57)	19.0 (47)	54.2 (39)
	Kindred Hospital – San Francisco Bay Area					
	Saint Rose Hospital	23.5 (258)	13.4 (129)	6.6 (10)	5.8 (8)	88.5 (77)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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	San Leandro Hospital					<b>81.3</b> (52)
	Valley Memorial Hospital – Livermore	<b>29.9</b> (378)	<b>18.7</b> (202)	<b>3.4</b> (7)	<b>3.8</b> (7)	<b>84.4</b> (65)
	Washington Hospital – Fremont	<b>24.7</b> (625)	<b>14.7</b> (326)	<b>4.6</b> (16)	<b>4.5</b> (14)	<b>83.5</b> (132)
Amador	Sutter Amador Hospital	<b>30.6</b> (44)	<b>20.0</b> (25)			<b>78.4</b> (40)
Butte	Biggs Gridley Memorial Hospital					<b>85.7</b> (6)
	Enloe Medical Center – Esplanade Campus	<b>23.4</b> (353)	<b>13.2</b> (175)	<b>3.9</b> (8)	<b>4.3</b> (8)	<b>56.9</b> (95)
	Feather River Hospital	<b>23.7</b> (146)	<b>14.1</b> (77)	<b>1.3</b> (1)	<b>1.4</b> (1)	<b>91.3</b> (63)
	Oroville Hospital	<b>26.8</b> (136)	<b>16.4</b> (72)	<b>6.3</b> (5)	<b>4.5</b> (3)	<b>91.8</b> (145)
Calaveras	Mark Twain Saint Joseph’s Hospital	<b>28.0</b> (33)	<b>15.2</b> (15)	<b>5.0</b> (1)	<b>5.3</b> (1)	<b>57.1</b> (8)
Colusa	Colusa Regional Medical Center	<b>31.5</b> (73)	<b>18.6</b> (36)	<b>2.6</b> (1)	<b>2.6</b> (1)	<b>33.3</b> (4)

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Contra Costa	Contra Costa Regional Medical Center	21.1 (394)	12.8 (205)	26.8 (78)	28.1 (74)	86.7 (98)
	Doctors Medical Center – San Pablo	20.2 (134)	12.6 (76)	6.1 (4)	4.9 (3)	88.9 (72)
	John Muir Medical Center	27.2 (691)	17.6 (380)	17.0 (74)	18.8 (72)	90.7 (186)
	Kaiser Foundation Hospital – Martinez/Walnut Creek					80.0 (4)
	Kaiser Foundation Hospital – Richmond Campus					91.7 (33)
	Kaiser Foundation Hospital – Walnut Creek	21.7 (844)	13.2 (446)	20.8 (121)	22.0 (112)	84.5 (196)
	Mt. Diablo Medical Center					92.4 (133)
	San Ramon Regional Medical Center	35.4 (257)	24.6 (153)	1.7 (2)	1.9 (2)	97.7 (84)
	Sutter Delta Medical Center	23.3 (221)	12.8 (104)	11.6 (17)	12.7 (17)	89.7 (70)
Del Norte	Sutter Coast Hospital	17.7 (52)	9.1 (24)			73.2 (30)

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	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
El Dorado	Barton Memorial Hospital	26.2 (130)	16.3 (71)	2.8 (2)	1.7 (1)	87.3 (89)
	Marshall Medical Center	25.5 (143)	17.0 (84)	10.1 (8)	11.9 (8)	86.3 (69)
Fresno	Coalinga Regional Medical Center					
	Community Medical Center – Clovis	30.0 (793)	18.2 (405)	5.9 (28)	6.5 (27)	88.1 (141)
	Community Regional Medical Center – Fresno	25.8 (1,684)	13.3 (724)	11.0 (139)	11.0 (119)	64.3 (117)
	Fresno Heart Hospital					
	Fresno Surgery Center					96.1 (73)
	Kaiser Foundation Hospital – Fresno	25.5 (283)	16.9 (163)	18.4 (30)	19.5 (29)	67.6 (96)
	Kingsburg Medical Center					
	Saint Agnes Medical Center	29.8 (812)	18.7 (433)	5.2 (23)	5.7 (23)	80.5 (276)
	San Joaquin Valley Rehabilitation Hospital					
	Selma Community Hospital	31.0 (218)	19.5 (117)	2.6 (3)	2.9 (3)	94.1 (16)

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	Sierra Kings District Hospital	<b>30.7</b> (434)	<b>17.1</b> (202)			<b>75.0</b> (3)
	University Medical Center	<b>100.0</b> (1)	<b>100.0</b> (1)			<b>75.3</b> (122)
Glenn	Glenn Medical Center					
Humboldt	Jerold Phelps Community Hospital					
	Mad River Community Hospital	<b>17.5</b> (84)	<b>13.4</b> (58)	<b>40.0</b> (20)	<b>43.5</b> (20)	<b>75.5</b> (40)
	Redwood Memorial Hospital	<b>14.6</b> (49)	<b>9.4</b> (29)	<b>28.1</b> (9)	<b>31.0</b> (9)	<b>77.8</b> (14)
	Saint Joseph Hospital – Eureka	<b>29.9</b> (179)	<b>16.7</b> (84)	<b>1.9</b> (2)	<b>1.0</b> (1)	<b>88.2</b> (82)
Imperial	El Centro Regional Medical Center	<b>38.2</b> (480)	<b>21.3</b> (210)	<b>0.3</b> (1)	<b>0.4</b> (1)	<b>92.1</b> (117)
	Pioneers Memorial Hospital	<b>25.0</b> (370)	<b>10.7</b> (133)	<b>0.8</b> (2)	<b>0.4</b> (1)	<b>90.2</b> (83)
Inyo	Northern Inyo Hospital	<b>17.8</b> (30)	<b>10.3</b> (16)			<b>94.5</b> (52)
	Southern Inyo Hospital					

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Kern	Bakersfield Heart Hospital					<b>68.8</b> (22)
	Bakersfield Memorial Hospital	<b>20.0</b> (415)	<b>9.9</b> (179)	<b>14.4</b> (46)	<b>15.1</b> (42)	<b>67.4</b> (149)
	Delano Regional Medical Center	<b>22.7</b> (192)	<b>9.6</b> (69)	<b>1.5</b> (2)	<b>1.6</b> (2)	<b>68.6</b> (105)
	Good Samaritan Hospital – Bakersfield					<b>71.4</b> (10)
	Kern Medical Center	<b>25.0</b> (961)	<b>12.4</b> (394)	<b>15.3</b> (124)	<b>15.6</b> (105)	<b>77.3</b> (85)
	Kern Valley Healthcare District					
	Mercy Hospital – Bakersfield	<b>22.4</b> (658)	<b>13.3</b> (338)	<b>19.2</b> (86)	<b>19.2</b> (76)	<b>79.4</b> (162)
	Ridgecrest Regional Hospital	<b>28.7</b> (125)	<b>20.4</b> (79)	<b>5.9</b> (3)	<b>6.1</b> (3)	<b>85.7</b> (48)
	San Joaquin Community Hospital	<b>19.4</b> (347)	<b>7.3</b> (113)	<b>6.2</b> (16)	<b>6.4</b> (16)	<b>75.3</b> (128)
	Tehachapi Hospital					
Kings	Central Valley General Hospital	<b>34.2</b> (582)	<b>21.0</b> (298)	<b>0.3</b> (1)		<b>94.4</b> (34)

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	Corcoran District Hospital					<b>100.0</b> (1)
	Hanford Community Medical Center	<b>24.0</b> (30)	<b>7.8</b> (8)	<b>4.2</b> (1)	<b>4.3</b> (1)	<b>88.6</b> (93)
Lake	Redbud Community Hospital	<b>16.8</b> (28)	<b>9.2</b> (14)			<b>85.7</b> (18)
	Sutter Lakeside Hospital	<b>23.4</b> (76)	<b>14.3</b> (40)	<b>20.4</b> (10)	<b>21.7</b> (10)	<b>94.5</b> (69)
Lassen	Banner Lassen Medical Center	<b>22.0</b> (50)	<b>11.1</b> (22)			<b>86.7</b> (13)
Los Angeles	Alhambra Hospital					<b>63.6</b> (21)
	Antelope Valley Hospital Medical Center	<b>25.3</b> (1,182)	<b>13.3</b> (533)	<b>2.8</b> (21)	<b>2.4</b> (16)	<b>78.7</b> (174)
	Barlow Respiratory Hospital					
	Bellflower Medical Center	<b>40.0</b> (430)	<b>27.7</b> (247)			<b>87.7</b> (50)
	Beverly Hospital	<b>36.1</b> (645)	<b>22.4</b> (329)			<b>77.8</b> (84)
	Brotman Medical Center					<b>64.7</b> (44)

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	California Hospital Medical Center – Los Angeles	28.0 (1,011)	18.3 (558)	19.0 (128)	19.5 (110)	90.7 (147)
	Catalina Island Medical Center					
	Cedars Sinai Medical Center	29.8 (1,728)	21.6 (1,093)	14.5 (123)	14.7 (109)	81.3 (327)
	Centinela Freeman Regional Medical Center – Centinela Campus	31.7 (612)	15.2 (232)	7.6 (36)	7.1 (29)	85.5 (53)
	Centinela Freeman Regional Medical Center – Marina Campus					84.0 (21)
	Centinela Freeman Regional Medical Center – Memorial Campus	18.1 (272)	10.9 (145)	24.4 (48)	26.2 (45)	69.4 (25)
	Century City Doctors Hospital					
	Children’s Hospital of Los Angeles					100.0 (3)
	Citrus Valley Medical Center – Inter Community Campus					76.5 (62)
	Citrus Valley Medical Center – Queen of the Valley Campus	39.5 (1,933)	27.0 (1,086)	3.0 (29)	2.8 (24)	79.0 (166)
	City of Angels – Downtown Campus					63.6 (14)
	Coast Plaza Doctors Hospital					50.0 (26)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Community Hospital of Gardena					<b>100.0</b> (1)
	Community Hospital of Long Beach					<b>82.4</b> (14)
	Community and Mission Hospital of Huntington Park – Slauson	<b>46.0</b> (798)	<b>31.7</b> (432)	<b>2.2</b> (9)	<b>1.9</b> (7)	<b>71.6</b> (58)
	Doctors Hospital of West Covina, Inc.					<b>100.0</b> (2)
	Downey Regional Medical Center	<b>24.7</b> (295)	<b>14.0</b> (143)	<b>12.3</b> (25)	<b>12.6</b> (22)	<b>93.7</b> (104)
	Earl and Lorraine Miller Children’s Hospital	<b>29.1</b> (1,495)	<b>17.1</b> (729)	<b>11.5</b> (118)	<b>11.9</b> (103)	<b>100.0</b> (8)
	East Los Angeles Doctors Hospital	<b>38.3</b> (349)	<b>19.9</b> (140)	<b>0.9</b> (2)	<b>0.5</b> (1)	<b>69.8</b> (30)
	East Valley Hospital Medical Center	<b>43.7</b> (192)	<b>30.2</b> (107)			<b>70.0</b> (21)
	Encino Tarzana Regional Medical Center – Encino					<b>88.9</b> (24)
	Encino Tarzana Regional Medical Center – Tarzana	<b>30.7</b> (933)	<b>18.7</b> (483)	<b>2.6</b> (13)	<b>2.8</b> (13)	<b>82.7</b> (129)
	Foothill Presbyterian Hospital – Johnston Memorial	<b>32.8</b> (196)	<b>20.4</b> (103)			<b>78.6</b> (33)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Garfield Medical Center	36.7 (1,281)	24.0 (692)	3.4 (24)	3.3 (20)	68.4 (65)
	Glendale Adventist Medical Center – Wilson Terrace	29.4 (614)	17.7 (308)	10.1 (41)	11.0 (38)	93.4 (185)
	Glendale Memorial Hospital and Medical Center	27.6 (434)	15.2 (202)	5.9 (16)	4.9 (12)	70.7 (99)
	Good Samaritan Hospital – Los Angeles	29.3 (1,203)	18.2 (633)	9.4 (66)	9.7 (61)	79.7 (102)
	Greater El Monte Community Hospital	28.2 (229)	13.5 (91)	0.7 (1)	0.7 (1)	79.5 (31)
	Helford Clinical Research Hospital at City of Hope					70.0 (21)
	Henry Mayo Newhall Memorial Hospital	27.6 (331)	16.2 (168)	0.6 (1)	0.6 (1)	92.6 (112)
	Hollywood Community Hospital					50.0 (1)
	Hollywood Presbyterian Medical Center	33.5 (1,216)	22.3 (676)	8.0 (55)	8.6 (51)	78.4 (131)
	Huntington Memorial Hospital	31.8 (894)	20.0 (473)	5.8 (31)	5.8 (26)	93.6 (408)
	Kaiser Foundation Hospital – Baldwin Park	21.1 (594)	12.2 (298)	18.4 (78)	19.1 (70)	84.9 (135)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov/), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005 .

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Kaiser Foundation Hospital – Bellflower	21.4 (615)	13.3 (330)	28.2 (128)	28.4 (113)	89.0 (227)
	Kaiser Foundation Hospital – Harbor City	25.1 (375)	16.8 (222)	13.1 (28)	14.5 (26)	67.7 (105)
	Kaiser Foundation Hospital – Panorama City	30.3 (412)	20.8 (239)	15.5 (41)	16.4 (34)	68.3 (56)
	Kaiser Foundation Hospital – Sunset	25.9 (481)	18.7 (303)	23.9 (64)	24.3 (57)	77.3 (85)
	Kaiser Foundation Hospital – West Los Angeles	25.9 (333)	18.2 (205)	17.7 (32)	19.5 (31)	64.7 (55)
	Kaiser Foundation Hospital – Woodland Hills	23.1 (336)	15.4 (194)	24.0 (59)	27.6 (54)	81.9 (77)
	Kindred Hospital – La Mirada					
	Kindred Hospital – Los Angeles					
	Lakewood Regional Medical Center					88.9 (80)
	Lancaster Community Hospital					73.0 (84)
	Little Company of Mary Hospital – San Pedro	26.9 (197)	17.8 (116)			79.5 (35)
	Little Company of Mary Hospital – Torrance	27.2 (619)	17.7 (355)	3.9 (12)	4.0 (11)	89.4 (135)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Long Beach Memorial Medical Center	<b>100.0</b> (2)				<b>79.7</b> (220)
	Los Angeles Community Hospital	<b>57.4</b> (236)	<b>47.0</b> (154)	<b>1.1</b> (1)	<b>1.2</b> (1)	<b>87.5</b> (42)
	Los Angeles County/Harbor – UCLA Medical Center	<b>24.4</b> (209)	<b>15.7</b> (116)	<b>19.0</b> (26)	<b>21.2</b> (25)	<b>76.1</b> (201)
	Los Angeles County/Olive View – UCLA Medical Center	<b>28.3</b> (227)	<b>16.3</b> (106)	<b>17.0</b> (34)	<b>18.8</b> (28)	<b>90.4</b> (473)
	Los Angeles County/Rancho Los Amigos National Rehabilitation Center					
	Los Angeles County/University of Southern California Medical Center	<b>30.1</b> (344)	<b>19.5</b> (179)	<b>25.1</b> (71)	<b>26.0</b> (58)	<b>65.6</b> (118)
	Los Angeles Metropolitan Medical Center	<b>32.9</b> (321)	<b>17.5</b> (139)			<b>44.4</b> (4)
	Martin Luther King Jr. – Harbor Hospital	<b>34.2</b> (132)	<b>24.1</b> (78)	<b>10.3</b> (10)	<b>12.9</b> (8)	<b>82.6</b> (109)
	Memorial Hospital of Gardena	<b>38.1</b> (513)	<b>26.3</b> (297)	<b>0.4</b> (1)	<b>0.5</b> (1)	<b>83.3</b> (35)
	Methodist Hospital of Southern California	<b>29.4</b> (580)	<b>18.6</b> (315)	<b>5.7</b> (19)	<b>6.4</b> (18)	<b>87.8</b> (158)
	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, 2005](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

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<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> <b>(128,970)</b>	<b>16.3</b> <b>(66,145)</b>	<b>9.5</b> <b>(7,509)</b>	<b>9.6</b> <b>(6,710)</b>	<b>80.8</b> <b>(29,776)</b>
	Mission Community Hospital – Panorama Campus	<b>100.0</b> <b>(1)</b>	<b>100.0</b> <b>(1)</b>			<b>74.4</b> <b>(29)</b>
	Monterey Park Hospital	<b>31.1</b> <b>(561)</b>	<b>17.8</b> <b>(268)</b>	<b>2.1</b> <b>(7)</b>	<b>2.3</b> <b>(7)</b>	<b>62.2</b> <b>(23)</b>
	Motion Picture and Television Hospital					<b>100.0</b> <b>(9)</b>
	Northridge Hospital Medical Center	<b>33.5</b> <b>(819)</b>	<b>20.6</b> <b>(417)</b>	<b>3.1</b> <b>(15)</b>	<b>3.4</b> <b>(14)</b>	<b>65.0</b> <b>(102)</b>
	Norwalk Community Hospital					<b>92.9</b> <b>(26)</b>
	Olympia Medical Center					<b>73.9</b> <b>(17)</b>
	Orthopaedic Hospital					
	Pacific Alliance Medical Center, Inc.	<b>30.2</b> <b>(557)</b>	<b>16.9</b> <b>(262)</b>	<b>1.2</b> <b>(4)</b>	<b>1.0</b> <b>(3)</b>	<b>85.4</b> <b>(35)</b>
	Pacific Hospital of Long Beach	<b>35.1</b> <b>(362)</b>	<b>19.2</b> <b>(158)</b>	<b>0.9</b> <b>(2)</b>	<b>1.0</b> <b>(2)</b>	<b>78.6</b> <b>(22)</b>
	Pacifica Hospital of the Valley	<b>40.7</b> <b>(397)</b>	<b>26.2</b> <b>(204)</b>	<b>1.9</b> <b>(4)</b>	<b>2.0</b> <b>(4)</b>	<b>67.7</b> <b>(21)</b>
	Pomona Valley Hospital Medical Center	<b>35.0</b> <b>(2,199)</b>	<b>22.6</b> <b>(1,180)</b>	<b>3.7</b> <b>(45)</b>	<b>3.5</b> <b>(37)</b>	<b>72.9</b> <b>(145)</b>

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Presbyterian Intercommunity Hospital	28.9 (936)	17.0 (462)	10.3 (62)	10.4 (55)	81.9 (131)
	Promise Hospital of East Los Angeles – East Los Angeles Campus	37.6 (558)	20.2 (231)	3.1 (11)	3.3 (11)	50.0 (3)
	Promise Hospital of East Los Angeles – Suburban Campus	37.8 (109)	22.6 (52)	1.7 (1)	1.7 (1)	66.7 (2)
	Providence Holy Cross Medical Center	30.4 (792)	19.4 (437)	1.7 (7)	1.9 (7)	68.2 (90)
	Providence Saint Joseph Medical Center	27.6 (677)	17.2 (365)	5.1 (20)	5.5 (18)	92.4 (269)
	Saint Francis Medical Center	29.0 (1,767)	16.7 (842)	11.5 (138)	11.2 (117)	65.2 (86)
	Saint John’s Health Center	28.8 (457)	20.6 (291)	6.6 (13)	5.7 (10)	71.4 (60)
	Saint Mary Medical Center	28.7 (669)	17.2 (341)	5.9 (23)	6.6 (23)	59.2 (42)
	Saint Vincent Medical Center					65.0 (80)
	San Dimas Community Hospital	31.0 (209)	18.3 (104)	0.9 (1)		79.5 (35)
	San Gabriel Valley Medical Center	29.9 (460)	18.8 (248)	3.9 (11)	4.5 (10)	75.3 (67)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital	<b>38.3</b> (489)	<b>25.1</b> (263)	<b>1.1</b> (3)	<b>0.9</b> (2)	<b>80.0</b> (48)
	Sherman Oaks Hospital and Health Center					<b>80.0</b> (16)
	Shriners Hospital for Children – Los Angeles					
	Temple Community Hospital					<b>62.9</b> (22)
	Torrance Memorial Medical Center	<b>37.8</b> (1,258)	<b>24.2</b> (656)	<b>2.4</b> (18)	<b>2.3</b> (14)	<b>73.4</b> (179)
	Tri-City Regional Medical Center – Hawaiian Gardens					<b>55.2</b> (16)
	UCLA Medical Center	<b>25.2</b> (431)	<b>18.2</b> (270)	<b>23.8</b> (64)	<b>27.5</b> (61)	<b>41.2</b> (47)
	University of Southern California Kenneth Norris, Jr. Cancer Hospital					<b>12.5</b> (1)
	University of Southern California University Hospital					<b>25.7</b> (37)
	Valley Presbyterian Hospital	<b>33.5</b> (1,402)	<b>20.4</b> (708)	<b>2.1</b> (17)	<b>2.1</b> (15)	<b>65.1</b> (56)
	Verdugo Hills Hospital	<b>35.1</b> (278)	<b>23.5</b> (158)			<b>81.3</b> (26)
	Vista Specialty Hospital of San Gabriel Valley					

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	West Hills Hospital and Medical Center	33.4 (393)	20.9 (205)	3.8 (8)	3.6 (7)	68.4 (52)
	White Memorial Medical Center	25.2 (769)	13.8 (351)	20.6 (133)	19.9 (104)	87.2 (177)
	Whittier Hospital Medical Center	27.5 (545)	15.0 (252)	3.0 (10)	2.0 (6)	69.6 (71)
Madera	Children's Hospital Central California					100.0 (2)
	Madera Community Hospital	23.7 (353)	12.4 (158)	8.1 (21)	8.9 (19)	89.8 (88)
Marin	Kaiser Foundation Hospital – San Rafael					80.3 (53)
	Marin General Hospital	22.4 (346)	13.8 (186)	18.3 (40)	19.2 (38)	86.9 (126)
	Novato Community Hospital					68.4 (26)
Mariposa	John C. Fremont Healthcare District					
Mendocino	Frank R. Howard Memorial Hospital					94.9 (37)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

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<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Mendocino Coast District Hospital	20.8 (37)	14.5 (24)			95.8 (23)
	Ukiah Valley Medical Center	21.2 (151)	13.6 (86)	14.4 (14)	16.7 (13)	89.2 (58)
Merced	Memorial Hospital Los Banos	31.4 (203)	15.1 (79)	0.7 (1)		87.5 (28)
	Mercy Medical Center – Merced	23.4 (575)	12.4 (264)	3.6 (13)	4.0 (13)	84.1 (138)
Modoc	Modoc Medical Center	11.8 (2)	6.3 (1)			
	Surprise Valley Community Hospital					
Mono	Mammoth Hospital	16.8 (21)	6.3 (7)			100.0 (3)
Monterey	Community Hospital Monterey Peninsula	25.5 (292)	14.4 (143)	0.6 (1)		80.7 (121)
	George L. Mee Memorial Hospital	26.2 (145)	13.3 (63)			96.2 (25)
	Natividad Medical Center	25.0 (634)	14.4 (320)	3.5 (13)	3.4 (11)	97.4 (147)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

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<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Salinas Valley Memorial Hospital	<b>28.1</b> (541)	<b>13.5</b> (216)	<b>0.3</b> (1)		<b>87.6</b> (389)
Napa	N.M. Holderman Memorial Hospital (Veterans Home of California)					
	Queen of the Valley Hospital – Napa	<b>22.5</b> (194)	<b>14.7</b> (112)	<b>20.2</b> (24)	<b>19.6</b> (20)	<b>77.8</b> (63)
	Saint Helena Hospital	<b>27.6</b> (77)	<b>16.9</b> (41)			<b>60.0</b> (30)
Nevada	Sierra Nevada Memorial Hospital	<b>26.3</b> (118)	<b>16.8</b> (66)	<b>3.4</b> (2)	<b>3.7</b> (2)	<b>87.8</b> (122)
	Tahoe Forest Hospital	<b>23.7</b> (102)	<b>14.1</b> (53)	<b>9.7</b> (6)	<b>10.9</b> (6)	<b>76.0</b> (19)
Orange	Anaheim General Hospital	<b>32.5</b> (146)	<b>19.5</b> (73)	<b>2.6</b> (2)	<b>2.7</b> (2)	<b>92.3</b> (36)
	Anaheim Memorial Medical Center	<b>23.2</b> (370)	<b>11.7</b> (159)	<b>8.8</b> (23)	<b>9.8</b> (23)	<b>84.5</b> (163)
	Chapman Medical Center					<b>95.1</b> (39)
	Children’s Hospital at Mission					
	Children’s Hospital of Orange County					

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Coastal Communities Hospital	37.1 (883)	23.2 (450)	1.3 (6)	1.4 (6)	79.4 (85)
	College Hospital Costa Mesa					100.0 (2)
	Fountain Valley Regional Hospital and Medical Center – Euclid	27.8 (913)	17.6 (495)	11.0 (57)	11.6 (55)	73.8 (189)
	Garden Grove Hospital and Medical Center	29.4 (812)	16.7 (384)	6.8 (36)	7.4 (34)	88.3 (83)
	Hoag Memorial Hospital Presbyterian	32.4 (1,299)	20.7 (702)	4.0 (28)	4.2 (26)	92.1 (314)
	Huntington Beach Hospital					81.0 (34)
	Irvine Medical Center	28.1 (490)	17.4 (261)	8.1 (22)	8.4 (21)	83.3 (120)
	Kaiser Foundation Hospital – Anaheim	22.2 (597)	13.9 (326)	20.0 (84)	23.0 (81)	76.5 (124)
	Kindred Hospital – Brea					
	Kindred Hospital – Westminster					
	La Palma Intercommunity Hospital	24.1 (146)	12.5 (65)	3.0 (3)	3.6 (3)	87.5 (42)
	Los Alamitos Medical Center	22.6 (372)	12.2 (175)	7.5 (17)	6.2 (13)	71.8 (61)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Mission Hospital Laguna Beach	28.9 (207)	15.9 (95)	4.0 (5)	4.3 (5)	90.5 (19)
	Mission Hospital Regional Medical Center	25.8 (698)	16.2 (382)	9.6 (40)	10.2 (36)	93.0 (132)
	Orange Coast Memorial Medical Center	25.6 (360)	15.1 (184)	7.8 (16)	7.9 (15)	82.2 (217)
	Placentia Linda Hospital	23.9 (172)	14.1 (86)	20.5 (25)	20.4 (22)	84.2 (80)
	Saddleback Memorial Medical Center	26.2 (671)	15.7 (338)	17.7 (83)	18.8 (77)	95.7 (67)
	Saddleback Memorial Medical Center – San Clemente					92.0 (23)
	Saint Joseph Hospital – Orange	29.2 (1,253)	17.1 (614)	7.0 (54)	6.9 (47)	85.9 (256)
	Saint Jude Medical Center	25.7 (488)	16.7 (275)	15.8 (45)	14.8 (37)	82.6 (109)
	Tustin Hospital and Medical Center					90.9 (10)
	UC Irvine Medical Center	24.5 (283)	14.4 (141)	16.9 (41)	18.9 (33)	58.8 (80)
	West Anaheim Medical Center					88.7 (63)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

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<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Western Medical Center – Anaheim	24.7 (574)	12.0 (238)	2.6 (10)	2.9 (10)	91.9 (34)
	Western Medical Center – Santa Ana	28.3 (881)	16.0 (421)	4.5 (25)	3.8 (18)	78.5 (73)
Placer	Kaiser Foundation Hospital – Sacramento/Roseville-Eureka					68.4 (93)
	Sutter Auburn Faith Hospital	28.2 (122)	18.7 (71)	1.8 (1)	1.9 (1)	85.1 (80)
	Sutter Roseville Medical Center	23.7 (554)	12.7 (253)	12.1 (46)	12.5 (43)	87.4 (139)
Plumas	Eastern Plumas Hospital – Portola Campus					
	Indian Valley Hospital					
	Plumas District Hospital	19.8 (16)	11.0 (8)			100.0 (11)
	Seneca Healthcare District					100.0 (2)
Riverside	Corona Regional Medical Center – Main	24.0 (458)	13.0 (216)	0.8 (2)	0.8 (2)	60.7 (54)
	Desert Regional Medical Center	30.6 (909)	18.0 (445)	6.0 (35)	6.6 (33)	89.3 (183)

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Eisenhower Medical Center					<b>83.1</b> (281)
	Hemet Valley Medical Center	<b>34.1</b> (329)	<b>23.2</b> (192)			<b>47.5</b> (28)
	John F. Kennedy Memorial Hospital	<b>28.2</b> (829)	<b>15.3</b> (380)	<b>3.5</b> (18)	<b>2.8</b> (13)	<b>92.1</b> (175)
	Kaiser Foundation Hospital – Riverside	<b>23.4</b> (722)	<b>13.4</b> (353)	<b>15.7</b> (77)	<b>16.3</b> (72)	<b>68.3</b> (97)
	Menifee Valley Medical Center					<b>61.3</b> (19)
	Moreno Valley Community Hospital	<b>24.1</b> (346)	<b>12.0</b> (149)			<b>86.3</b> (82)
	Palo Verde Hospital	<b>34.4</b> (52)	<b>20.2</b> (25)			<b>100.0</b> (14)
	Parkview Community Hospital Medical Center	<b>29.8</b> (494)	<b>15.9</b> (219)	<b>2.5</b> (8)	<b>2.1</b> (6)	<b>58.9</b> (43)
	Riverside Community Hospital	<b>28.7</b> (842)	<b>16.8</b> (421)	<b>0.6</b> (3)	<b>0.2</b> (1)	<b>60.2</b> (97)
	Riverside County Regional Medical Center	<b>20.9</b> (562)	<b>8.2</b> (185)	<b>8.4</b> (41)	<b>9.4</b> (39)	<b>77.5</b> (207)
	San Geronio Memorial Hospital	<b>32.0</b> (97)	<b>20.2</b> (52)	<b>3.6</b> (2)	<b>2.2</b> (1)	<b>67.3</b> (37)

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Southwest Healthcare System – Murrieta	22.9 (737)	11.9 (332)	3.9 (19)	3.8 (16)	94.7 (230)
Sacramento	Kaiser Foundation Hospital – Sacramento/Roseville-Morse	22.9 (731)	14.1 (389)	21.1 (110)	22.6 (100)	76.1 (102)
	Kaiser Foundation Hospital – South Sacramento	15.1 (480)	10.0 (289)	31.6 (101)	33.2 (95)	81.1 (99)
	Kindred Hospital – Sacramento					
	Mercy General Hospital	24.7 (614)	16.5 (363)	12.8 (41)	12.8 (37)	88.2 (127)
	Mercy Hospital – Folsom	22.7 (248)	12.5 (118)	13.4 (22)	14.5 (22)	87.7 (57)
	Mercy San Juan Hospital	22.7 (639)	13.5 (330)	16.1 (68)	17.2 (64)	83.8 (134)
	Methodist Hospital of Sacramento	22.5 (246)	12.9 (121)	16.6 (28)	17.2 (26)	86.3 (69)
	Shriners Hospital for Children Northern California					
	Sutter General Hospital					78.3 (130)
	Sutter Memorial Hospital	26.9 (1,235)	16.4 (638)	15.1 (129)	16.0 (114)	78.3 (18)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html).

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	UC Davis Medical Center	23.2 (507)	14.9 (281)	24.2 (87)	25.2 (76)	65.6 (103)
San Benito	Hazel Hawkins Memorial Hospital	33.2 (185)	19.0 (87)	1.9 (2)	1.0 (1)	93.0 (80)
San Bernardino	Arrowhead Regional Medical Center	26.3 (860)	14.9 (415)	6.1 (33)	6.7 (32)	73.1 (128)
	Barstow Community Hospital	26.5 (73)	13.5 (31)	9.1 (5)	8.7 (4)	85.3 (58)
	Bear Valley Community Hospital					50.0 (2)
	Chino Valley Medical Center	27.3 (132)	13.4 (54)	1.2 (1)	1.3 (1)	63.9 (46)
	Colorado River Medical Center	30.3 (47)	20.0 (27)			94.3 (50)
	Community Hospital of San Bernardino	34.0 (759)	17.2 (304)	2.3 (12)	1.5 (7)	81.0 (136)
	Desert Valley Hospital	27.2 (113)	15.9 (57)			79.8 (87)
	Doctors Medical Center of Montclair	36.0 (421)	22.7 (220)	0.9 (2)	0.5 (1)	65.2 (43)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Hi-Desert Medical Center	24.6 (85)	16.4 (51)			84.3 (59)
	Kaiser Foundation Hospital – Fontana	21.4 (782)	12.1 (381)	18.4 (105)	19.0 (94)	80.0 (124)
	Kindred Hospital – Ontario					
	Loma Linda University Medical Center	25.2 (573)	15.1 (288)	19.6 (90)	20.8 (75)	75.6 (102)
	Mountains Community Hospital	30.8 (45)	19.8 (25)			76.9 (10)
	Redlands Community Hospital	21.8 (448)	10.9 (196)	1.0 (3)	1.2 (3)	64.3 (101)
	Saint Bernadine Medical Center	19.9 (431)	10.4 (200)	5.2 (15)	4.9 (12)	45.3 (105)
	Saint Mary Regional Medical Center	19.8 (419)	10.5 (197)	6.1 (17)	6.3 (15)	89.4 (127)
	San Antonio Community Hospital	34.5 (663)	23.2 (381)	0.9 (3)	0.7 (2)	81.3 (217)
	Victor Valley Community Hospital	34.2 (417)	19.8 (197)	1.8 (5)	1.8 (4)	81.7 (58)
San Diego	Alvarado Hospital Medical Center					78.2 (93)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.  
<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Children's Hospital – San Diego					<b>100.0</b> (1)
	Fallbrook Hospital District	<b>22.1</b> (103)	<b>13.7</b> (56)	<b>15.0</b> (9)	<b>16.1</b> (9)	<b>85.4</b> (41)
	Grossmont Hospital	<b>27.6</b> (851)	<b>17.5</b> (459)	<b>15.9</b> (83)	<b>16.1</b> (75)	<b>89.5</b> (351)
	Kaiser Foundation Hospital – San Diego	<b>27.5</b> (963)	<b>18.7</b> (568)	<b>15.2</b> (81)	<b>14.7</b> (68)	<b>77.1</b> (162)
	Kindred Hospital – San Diego					
	Palomar Medical Center	<b>27.0</b> (1,082)	<b>16.3</b> (553)	<b>13.3</b> (88)	<b>14.1</b> (87)	<b>83.9</b> (261)
	Paradise Valley Hospital	<b>27.2</b> (539)	<b>14.7</b> (248)	<b>1.8</b> (6)	<b>1.7</b> (5)	<b>75.3</b> (58)
	Pomerado Hospital	<b>26.7</b> (290)	<b>15.5</b> (145)	<b>3.6</b> (6)	<b>3.3</b> (5)	<b>65.7</b> (90)
	San Diego Hospice and Palliative Care – Acute Care Center					
	Scripps Green Hospital					<b>92.5</b> (258)
	Scripps Memorial Hospital – Encinitas	<b>21.4</b> (294)	<b>13.7</b> (163)	<b>26.9</b> (53)	<b>28.0</b> (51)	<b>95.7</b> (67)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Scripps Memorial Hospital – La Jolla	33.1 (1,145)	23.2 (688)	9.0 (50)	8.8 (44)	83.6 (112)
	Scripps Mercy Hospital	25.0 (532)	17.6 (326)	22.9 (69)	24.8 (68)	78.2 (258)
	Scripps Mercy Hospital – Chula Vista	25.9 (462)	19.1 (308)	11.0 (22)	12.0 (21)	86.8 (112)
	Sharp Chula Vista Medical Center	31.8 (829)	18.3 (394)	4.8 (24)	4.8 (22)	85.9 (122)
	Sharp Coronado Hospital and Healthcare Center					86.4 (19)
	Sharp Mary Birch Hospital for Women	30.7 (2,126)	20.1 (1,173)	11.7 (145)	12.1 (131)	66.7 (2)
	Sharp Memorial Hospital	100.0 (1)	100.0 (1)			87.0 (208)
	Tri-City Medical Center – Oceanside	22.8 (701)	13.1 (349)	16.2 (76)	17.0 (72)	70.9 (146)
	UC San Diego Medical Center	27.0 (660)	18.3 (383)	19.4 (81)	19.9 (69)	73.3 (63)
	University Community Medical Center					93.3 (14)
San Francisco	California Pacific Medical Center – Pacific Campus	23.0 (1,145)	15.2 (671)	13.8 (90)	14.1 (78)	80.6 (253)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	California Pacific Medical Center – St. Luke’s Campus	<b>18.8</b> (182)	<b>11.2</b> (96)	<b>20.5</b> (27)	<b>22.5</b> (25)	<b>80.3</b> (53)
	Chinese Hospital					<b>89.7</b> (35)
	Kaiser Foundation Hospital – San Francisco	<b>26.3</b> (553)	<b>19.4</b> (359)	<b>21.1</b> (62)	<b>21.5</b> (53)	<b>50.0</b> (22)
	Laguna Honda Hospital and Rehabilitation Center					
	Saint Francis Memorial Hospital					<b>40.0</b> (10)
	Saint Mary’s Medical Center, San Francisco					<b>67.6</b> (50)
	San Francisco General Hospital	<b>21.8</b> (238)	<b>15.3</b> (149)	<b>24.1</b> (33)	<b>25.8</b> (31)	<b>83.2</b> (84)
	UC San Francisco Medical Center	<b>21.7</b> (318)	<b>14.8</b> (193)	<b>24.4</b> (49)	<b>23.3</b> (38)	<b>49.6</b> (58)
San Joaquin	Dameron Hospital	<b>22.3</b> (500)	<b>11.3</b> (219)	<b>6.7</b> (23)	<b>6.3</b> (19)	<b>71.9</b> (92)
	Doctors Hospital of Manteca	<b>24.2</b> (184)	<b>13.0</b> (86)	<b>0.9</b> (1)	<b>1.0</b> (1)	<b>93.6</b> (44)
	Kaiser Foundation Hospital – Manteca					<b>93.2</b> (69)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

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<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.

<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> <b>(128,970)</b>	<b>16.3</b> <b>(66,145)</b>	<b>9.5</b> <b>(7,509)</b>	<b>9.6</b> <b>(6,710)</b>	<b>80.8</b> <b>(29,776)</b>
	Lodi Memorial Hospital	34.0 (414)	21.0 (212)	2.2 (5)	2.4 (5)	61.9 (78)
	Saint Joseph's Medical Center of Stockton	22.6 (458)	12.6 (225)	8.0 (23)	7.2 (18)	92.9 (327)
	San Joaquin General Hospital	28.4 (692)	13.0 (258)	3.8 (18)	4.0 (18)	89.8 (123)
	Sutter Tracy Community Hospital	24.9 (169)	13.2 (77)	4.9 (5)	3.2 (3)	90.2 (83)
San Luis Obispo	Arroyo Grande Community Hospital					96.6 (56)
	French Hospital Medical Center	19.6 (144)	13.9 (93)	20.0 (14)	21.5 (14)	86.5 (45)
	Sierra Vista Regional Medical Center	28.6 (297)	17.0 (148)	10.3 (21)	10.8 (18)	91.1 (51)
	Twin Cities Community Hospital	27.3 (140)	16.6 (74)	2.6 (2)	2.9 (2)	70.3 (52)
San Mateo	Kaiser Foundation Hospital – Redwood City	15.0 (192)	8.9 (102)	32.0 (47)	32.3 (43)	79.6 (43)
	Kaiser Foundation Hospital – South San Francisco					76.7 (69)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Menlo Park Surgical Hospital					<b>100.0</b> (1)
	Peninsula Medical Center	<b>23.1</b> (436)	<b>14.4</b> (241)	<b>8.2</b> (23)	<b>9.7</b> (21)	<b>90.5</b> (124)
	San Mateo Medical Center					<b>92.3</b> (48)
	Sequoia Hospital	<b>25.8</b> (289)	<b>17.8</b> (176)	<b>15.0</b> (22)	<b>15.7</b> (21)	<b>97.5</b> (77)
	Seton Medical Center	<b>23.5</b> (133)	<b>16.3</b> (79)	<b>33.7</b> (30)	<b>32.5</b> (26)	<b>79.1</b> (110)
	Seton Medical Center – Coastside					
Santa Barbara	Goleta Valley Cottage Hospital	<b>22.6</b> (76)	<b>13.4</b> (40)	<b>2.6</b> (1)	<b>2.7</b> (1)	<b>70.4</b> (19)
	Lompoc Healthcare District	<b>21.1</b> (96)	<b>10.5</b> (42)	<b>1.8</b> (1)		<b>74.2</b> (23)
	Marian Medical Center	<b>32.0</b> (851)	<b>18.5</b> (409)	<b>1.2</b> (6)	<b>1.1</b> (5)	<b>70.3</b> (83)
	Santa Barbara Cottage Hospital	<b>26.7</b> (569)	<b>15.5</b> (286)	<b>1.3</b> (4)	<b>1.0</b> (3)	<b>88.4</b> (252)
	Santa Ynez Valley Cottage Hospital					<b>83.3</b> (5)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.  
<sup>1</sup> Over Utilization means performing a medical procedure that is not necessary, given current medical guidelines or best practices. Uncomplicated Cesarean Delivery excludes cases with abnormal or breech presentation, pre-term, twins, and fetal deaths. Uncomplicated Primary Cesarean also excludes prior C-sections.  
<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
Santa Clara	Community Hospital of Los Gatos	23.3 (156)	13.0 (75)	11.4 (12)	12.9 (12)	84.6 (44)
	El Camino Hospital	27.1 (1,047)	17.8 (608)	2.2 (11)	2.2 (10)	78.2 (129)
	Good Samaritan Hospital – San Jose	33.0 (890)	22.4 (518)	4.2 (19)	4.4 (17)	87.9 (291)
	Kaiser Foundation Hospital – Santa Clara	23.9 (701)	16.7 (438)	15.6 (55)	16.0 (50)	81.8 (144)
	Kaiser Foundation Hospital – Santa Teresa Community Hospital	21.2 (506)	13.0 (273)	18.6 (58)	18.8 (54)	57.1 (40)
	Lucile Salter Packard Children’s Hospital at Stanford	23.0 (998)	13.6 (513)	12.9 (84)	14.0 (79)	
	O’Connor Hospital – San Jose	26.7 (846)	16.2 (443)	6.0 (29)	6.3 (27)	88.0 (234)
	Regional Medical of San Jose	27.1 (347)	15.4 (169)	3.8 (8)	4.3 (8)	83.4 (206)
	Saint Louise Regional Hospital	27.7 (161)	17.2 (87)	1.2 (1)	1.3 (1)	90.4 (47)
	Santa Clara Valley Medical Center	16.8 (807)	8.9 (372)	30.6 (231)	31.6 (201)	70.5 (148)
	Stanford Hospital					55.6 (89)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)

\*See Webpage ([http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util\\_IndicatorsRpt/index.html](http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/HospIPOQualInd/Vol-Util_IndicatorsRpt/index.html)) for definitions. Blank cells indicate no deliveries or procedures were performed.

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
Santa Cruz	Dominican Hospital – Santa Cruz/Soquel	20.4 (184)	11.2 (87)	22.9 (35)	25.4 (33)	98.3 (170)
	Sutter Maternity and Surgery Center of Santa Cruz	18.1 (147)	11.4 (84)	15.0 (12)	16.0 (12)	98.3 (59)
	Watsonville Community Hospital	25.6 (397)	13.7 (179)	8.7 (23)	9.2 (22)	92.7 (166)
Shasta	Mayers Memorial Hospital	20.9 (18)	11.7 (9)			83.3 (5)
	Mercy Medical Center – Redding	25.8 (465)	14.7 (230)	1.9 (5)	1.7 (4)	85.5 (106)
	Patients’ Hospital of Redding					
	Shasta Regional Medical Center					92.1 (82)
Siskiyou	Fairchild Medical Center	27.2 (56)	18.0 (33)			90.2 (37)
	Mercy Medical Center Mt. Shasta	29.4 (40)	17.2 (20)			75.0 (24)
Solano	Kaiser Foundation Hospital – Rehabilitation Center Vallejo	23.2 (463)	15.8 (278)	21.2 (58)	20.9 (49)	68.3 (155)
	North Bay Medical Center	25.9 (361)	16.4 (201)	6.2 (12)	6.4 (11)	86.8 (59)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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<sup>2</sup> 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, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	North Bay VacaValley Hospital					<b>84.6</b> (22)
	Sutter Solano Medical Center	<b>23.2</b> (218)	<b>13.5</b> (112)	<b>5.7</b> (7)	<b>4.5</b> (5)	<b>87.9</b> (58)
Sonoma	Healdsburg District Hospital					<b>70.0</b> (7)
	Kaiser Foundation Hospital – Santa Rosa	<b>24.3</b> (364)	<b>14.9</b> (194)	<b>13.1</b> (29)	<b>14.6</b> (29)	<b>61.3</b> (46)
	Palm Drive Hospital					<b>91.7</b> (11)
	Petaluma Valley Hospital	<b>17.4</b> (84)	<b>9.1</b> (40)	<b>1.8</b> (1)		<b>85.3</b> (29)
	Santa Rosa Memorial Hospital – Montgomery	<b>24.8</b> (269)	<b>14.8</b> (134)	<b>24.8</b> (50)	<b>24.2</b> (43)	<b>85.3</b> (133)
	Sonoma Valley Hospital	<b>21.8</b> (49)	<b>12.1</b> (24)	<b>3.6</b> (1)	<b>3.8</b> (1)	<b>83.3</b> (25)
	Sutter Medical Center of Santa Rosa	<b>17.4</b> (294)	<b>10.4</b> (162)	<b>1.9</b> (3)	<b>0.8</b> (1)	<b>81.6</b> (62)
Stanislaus	Doctors Medical Center	<b>28.8</b> (1,190)	<b>16.4</b> (567)	<b>8.1</b> (61)	<b>8.5</b> (58)	<b>71.9</b> (143)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



		Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
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.*				
<b>STATEWIDE AVERAGE</b>		<b>27.1</b> (128,970)	<b>16.3</b> (66,145)	<b>9.5</b> (7,509)	<b>9.6</b> (6,710)	<b>80.8</b> (29,776)
	Emanuel Medical Center, Inc.	20.1 (492)	9.2 (196)	3.1 (10)	3.3 (10)	82.7 (172)
	Memorial Hospital Medical Center – Modesto	29.5 (539)	18.3 (287)	2.1 (6)	2.3 (6)	81.1 (189)
	Oak Valley District Hospital	20.2 (69)	9.7 (29)	6.7 (3)	7.0 (3)	79.2 (19)
	Stanislaus Surgical Hospital					95.0 (19)
Sutter	Fremont Medical Center	25.7 (508)	14.8 (253)	7.6 (24)	6.9 (19)	77.5 (31)
Tehama	Saint Elizabeth Community Hospital	25.3 (171)	11.9 (68)	0.9 (1)	1.0 (1)	87.2 (95)
Trinity	Trinity Hospital					50.0 (2)
Tulare	Kaweah Delta District Hospital	28.2 (1,037)	16.1 (502)	5.3 (34)	5.0 (28)	83.3 (220)
	Sierra View District Hospital	25.1 (498)	11.8 (199)	1.3 (4)	1.3 (4)	85.2 (75)
	Tulare District Hospital	33.9 (325)	19.7 (155)	1.6 (3)	1.7 (3)	72.8 (59)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005.

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



County	Hospital Name	Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
		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.*				
	<b>STATEWIDE AVERAGE</b>	<b>27.1</b> <b>(128,970)</b>	<b>16.3</b> <b>(66,145)</b>	<b>9.5</b> <b>(7,509)</b>	<b>9.6</b> <b>(6,710)</b>	<b>80.8</b> <b>(29,776)</b>
Tuolumne	Sonora Regional Medical Center – Forest	34.2 (157)	21.6 (83)			80.0 (40)
	Tuolumne General Medical Facility					81.5 (22)
Ventura	Community Memorial Hospital – San Buenaventura	27.6 (821)	14.6 (361)	6.5 (36)	7.1 (35)	88.5 (253)
	Los Robles Hospital and Medical Center	33.0 (528)	20.5 (270)	8.3 (28)	9.2 (26)	85.3 (116)
	Ojai Valley Community Hospital					87.0 (20)
	Saint John’s Pleasant Valley Hospital	24.2 (108)	13.3 (52)			83.1 (49)
	Saint John’s Regional Medical Center	22.4 (404)	13.6 (220)	2.6 (6)	1.6 (3)	84.4 (130)
	Simi Valley Hospital and Healthcare Services – Sycamore	26.2 (145)	14.0 (66)	2.2 (2)	2.5 (2)	86.5 (64)
	Thousand Oaks Surgical Hospital					100.0 (16)
	Ventura County Medical Center	25.2 (615)	11.1 (226)	3.6 (16)	3.5 (14)	94.8 (183)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators](http://www.ahrq.gov), SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005 .

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# Utilization Rates\* for Selected Medical Procedures in California Hospitals, 2005

## Office of Statewide Health Planning and Development, Hospital Patient Data



		Possible Over Utilization <sup>1</sup>		Possible Under Utilization <sup>2</sup>		
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.*				
<b>STATEWIDE AVERAGE</b>		<b>27.1</b> <b>(128,970)</b>	<b>16.3</b> <b>(66,145)</b>	<b>9.5</b> <b>(7,509)</b>	<b>9.6</b> <b>(6,710)</b>	<b>80.8</b> <b>(29,776)</b>
Yolo	Sutter Davis Hospital	14.2 (170)	7.1 (79)	2.9 (3)		90.7 (39)
	Woodland Memorial Hospital	20.9 (136)	10.7 (62)			74.5 (41)
Yuba	Rideout Memorial Hospital					83.8 (140)

Source: [Agency for Healthcare Research and Quality \(AHRQ\) Quality Indicators, SAS Software, Version 4.5 and OSHPD hospital Patient Discharge Data, 2005](#).

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