

# California Hospital Performance Ratings for Coronary Artery Bypass Graft (CABG) Surgery by Region, 2017-2018\*

Region	Hospital	Isolated CABG Operative Mortality <sup>1</sup> 2018			CABG + Valve Operative Mortality <sup>2</sup> 2017-2018			Post-Operative Stroke <sup>3</sup> 2017-2018			30-Day Readmission <sup>4</sup> 2017-2018			Internal Mammary Artery Use <sup>5</sup> 2018		
		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases	Percent IMA Use	Performance Rating
<b>Statewide</b>		<b>12,789 (312)</b>	<b>2.44</b>		<b>4,331 (224)</b>	<b>5.17</b>		<b>25,838 (408)</b>	<b>1.58</b>		<b>22,407 (2,518)</b>	<b>11.23</b>		<b>12,056</b>	<b>98.64%</b>	
Sacramento Valley & Northern California Region	Adventist Health and Rideout	65 (3)	4.37	Average	11 (2)	14.25	Average	123 (0)	0.00	Average	113 (20)	15.56	Average	59	100.00%	Acceptable
	Enloe Medical Center - Esplanade	148 (3)	2.37	Average	34 (2)	6.86	Average	303 (2)	0.77	Average	287 (40)	14.06	Average	143	97.90%	Acceptable
	Mercy General Hospital	496 (5)	1.24	Average	272 (10)	3.45	Average	1038 (13)	1.46	Average	919 (82)	9.30	Average	481	100.00%	Acceptable
	Mercy Medical Center - Redding	34 (2)	3.15	Average	5 (1)	37.32	Average	85 (0)	0.00	Average	79 (12)	13.42	Average	27	96.30%	Acceptable
	Mercy San Juan Hospital	77 (0)	0.00	Average	48 (3)	5.76	Average	159 (3)	2.26	Average	152 (13)	9.67	Average	75	100.00%	Acceptable
	Shasta Regional Medical Center	108 (5)	5.72	Average	31 (1)	5.03	Average	229 (2)	0.96	Average	212 (23)	11.64	Average	97	97.94%	Acceptable
	St. Joseph Hospital - Eureka	13 (1)	7.10	Average	4 (0)	0.00	Average	32 (0)	0.00	Average	30 (7)	27.59	Average	12	100.00%	Acceptable
	Sutter Medical Center, Sacramento	351 (3)	1.05	Average	220 (10)	4.69	Average	684 (12)	2.03	Average	627 (61)	10.64	Average	329	98.48%	Acceptable
	UC Davis Medical Center	62 (1)	2.48	Average	23 (2)	9.71	Average	151 (1)	0.78	Average	139 (15)	11.40	Average	60	100.00%	Acceptable
San Francisco Bay Area & San Jose	Adventist Health St. Helena	76 (1)	0.99	Average	29 (0)	0.00	Average	147 (1)	0.59	Average	124 (16)	11.44	Average	66	100.00%	Acceptable
	Alta Bates Summit Medical Center	143 (2)	1.37	Average	30 (0)	0.00	Average	287 (3)	0.96	Average	255 (25)	9.78	Average	140	100.00%	Acceptable
	California Pacific Medical Center - Pacific Campus	77 (1)	2.62	Average	24 (0)	0.00	Average	132 (1)	0.98	Average	116 (12)	12.32	Average	75	100.00%	Acceptable
	Community Hospital of the Monterey Peninsula	76 (2)	1.98	Average	29 (0)	0.00	Average	155 (2)	1.11	Average	140 (13)	8.92	Average	71	97.18%	Acceptable
	Dominican Hospital	57 (3)	7.91	Average	45 (3)	5.11	Average	131 (3)	2.91	Average	117 (12)	12.46	Average	53	100.00%	Acceptable
	El Camino Hospital	104 (2)	2.29	Average	36 (0)	0.00	Average	200 (2)	0.90	Average	144 (13)	8.58	Average	96	100.00%	Acceptable
	Good Samaritan Hospital - San Jose	70 (4)	5.74	Average	25 (2)	3.81	Average	144 (2)	1.18	Average	122 (12)	9.06	Average	64	100.00%	Acceptable
	John Muir Medical Center - Concord Campus	182 (2)	0.99	Average	60 (2)	3.59	Average	365 (5)	1.19	Average	313 (27)	7.99	Average	171	99.42%	Acceptable
	Kaiser Foundation Hospital - San Francisco	333 (2)	1.26	Average	107 (6)	9.40	Average	717 (10)	1.94	Average	700 (56)	9.93	Average	328	100.00%	Acceptable
	Kaiser Foundation Hospital - Santa Clara	416 (3)	1.12	Average	161 (6)	5.24	Average	787 (12)	1.79	Average	758 (60)	8.42	<b>Better</b>	406	100.00%	Acceptable
	Marin General Hospital	39 (1)	3.89	Average	18 (1)	6.98	Average	64 (0)	0.00	Average	55 (2)	4.03	Average	36	97.22%	Acceptable
	Mills-Peninsula Medical Center	44 (1)	2.99	Average	17 (2)	15.13	Average	106 (2)	2.09	Average	83 (6)	7.75	Average	42	100.00%	Acceptable
	North Bay Medical Center	47 (1)	1.77	Average	6 (2)	44.45	<b>Worse</b>	89 (0)	0.00	Average	78 (8)	9.32	Average	45	97.78%	Acceptable
	O'Connor Hospital	49 (2)	3.06	Average	14 (2)	13.47	Average	90 (1)	1.04	Average	76 (8)	9.54	Average	41	97.56%	Acceptable
	Queen of the Valley Medical Center	43 (1)	1.77	Average	12 (0)	0.00	Average	81 (1)	1.14	Average	65 (9)	11.38	Average	42	100.00%	Acceptable
	Regional Medical of San Jose	82 (5)	4.12	Average	13 (2)	8.25	Average	162 (2)	0.82	Average	132 (16)	9.88	Average	78	97.44%	Acceptable
	Salinas Valley Memorial Hospital	98 (4)	4.43	Average	31 (2)	4.81	Average	214 (5)	1.86	Average	183 (30)	15.87	Average	92	100.00%	Acceptable
	San Ramon Regional Medical Center	19 (1)	3.98	Average	9 (0)	0.00	Average	41 (2)	6.33	Average	35 (3)	11.15	Average	17	100.00%	Acceptable
Santa Clara Valley Medical Center	63 (0)	0.00	Average	14 (0)	0.00	Average	140 (2)	1.53	Average	114 (8)	7.50	Average	59	96.61%	Acceptable	
Santa Rosa Memorial Hospital - Montgomery	86 (2)	3.53	Average	45 (1)	3.13	Average	152 (2)	1.83	Average	141 (6)	5.03	<b>Better</b>	84	98.81%	Acceptable	

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Region	Hospital	Isolated CABG Operative Mortality <sup>1</sup> 2018			CABG + Valve Operative Mortality <sup>2</sup> 2017-2018			Post-Operative Stroke <sup>3</sup> 2017-2018			30-Day Readmission <sup>4</sup> 2017-2018			Internal Mammary Artery Use <sup>5</sup> 2018		
		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases	Percent IMA Use	Performance Rating
Statewide		12,789 (312)	2.44		4,331 (224)	5.17		25,838 (408)	1.58		22,407 (2,518)	11.23		12,056	98.64%	
	Sequoia Hospital	42 (0)	0.00	Average	46 (4)	6.01	Average	80 (1)	1.22	Average	72 (5)	7.93	Average	36	100.00%	Acceptable
	Seton Medical Center	62 (0)	0.00	Average	7 (0)	0.00	Average	109 (3)	2.14	Average	88 (12)	13.16	Average	56	98.21%	Acceptable
	St. Mary's Medical Center, San Francisco	9 (1)	20.82	Average	5 (0)	0.00	Average	17 (0)	0.00	Average	15 (3)	20.09	Average	9	100.00%	Acceptable
	Stanford Health Care	146 (6)	6.17	Average	84 (4)	3.42	Average	286 (9)	3.47	Worse	190 (25)	15.11	Average	132	100.00%	Acceptable
	Stanford Health Care - Valleycare	34 (0)	0.00	Average	7 (0)	0.00	Average	68 (3)	4.72	Average	63 (5)	7.80	Average	31	93.55%	Low
	Sutter Santa Rosa Regional Hospital	43 (0)	0.00	Average	19 (2)	8.45	Average	75 (0)	0.00	Average	66 (8)	12.91	Average	43	97.67%	Acceptable
	UC San Francisco Medical Center	86 (1)	1.70	Average	35 (3)	9.04	Average	176 (3)	2.28	Average	148 (15)	12.23	Average	79	98.73%	Acceptable
	Washington Hospital - Fremont	63 (2)	4.06	Average	14 (0)	0.00	Average	157 (1)	0.61	Average	134 (12)	9.55	Average	59	100.00%	Acceptable
Central California	Adventist Health Bakersfield	64 (1)	1.76	Average	12 (1)	7.43	Average	139 (4)	3.29	Average	111 (20)	18.54	Worse	59	96.61%	Acceptable
	Bakersfield Heart Hospital	78 (0)	0.00	Average	16 (0)	0.00	Average	144 (2)	1.53	Average	129 (14)	11.17	Average	75	90.67%	Low
	Bakersfield Memorial Hospital	95 (5)	6.60	Average	28 (3)	15.56	Average	172 (1)	0.72	Average	152 (20)	14.11	Average	87	98.85%	Acceptable
	Community Regional Medical Center - Fresno	135 (5)	2.56	Average	25 (3)	10.58	Average	308 (6)	1.27	Average	269 (48)	14.02	Average	122	100.00%	Acceptable
	Dameron Hospital	80 (4)	4.10	Average	2 (0)	0.00	Average	111 (2)	1.65	Average	77 (10)	11.86	Average	76	100.00%	Acceptable
	Doctors Medical Center	288 (16)	3.66	Average	73 (6)	6.46	Average	574 (10)	1.51	Average	481 (60)	11.26	Average	258	98.45%	Acceptable
	Fresno Heart and Surgical Hospital	247 (7)	3.48	Average	69 (6)	7.09	Average	478 (2)	0.42	Better	449 (39)	8.66	Average	224	100.00%	Acceptable
	Kaweah Delta Medical Center	188 (5)	1.84	Average	45 (6)	7.89	Average	371 (4)	0.81	Average	329 (44)	10.37	Average	182	98.35%	Acceptable
	Marian Regional Medical Center	75 (2)	4.82	Average	27 (1)	5.52	Average	136 (4)	3.19	Average	127 (12)	10.62	Average	73	100.00%	Acceptable
	Memorial Medical Center - Modesto	124 (6)	5.19	Average	41 (9)	13.13	Worse	249 (2)	0.78	Average	234 (30)	11.58	Average	110	98.18%	Acceptable
	Saint Agnes Medical Center	213 (9)	4.41	Average	83 (6)	7.52	Average	436 (4)	0.91	Average	372 (42)	11.08	Average	195	97.44%	Acceptable
St. Joseph's Medical Center of Stockton	230 (4)	1.01	Average	42 (1)	1.82	Average	436 (6)	1.07	Average	367 (55)	13.03	Average	199	98.49%	Acceptable	
Bay Area, Antelope Valley, Ventura & Santa Barbara	Adventist Health Glendale	131 (4)	3.02	Average	16 (0)	0.00	Average	250 (2)	0.76	Average	173 (24)	13.06	Average	123	100.00%	Acceptable
	Antelope Valley Hospital	5 (1)	17.69	Average	. (.)	.	N/A	17 (0)	0.00	Average	12 (1)	11.99	Average	1	100.00%	Acceptable
	Community Memorial Hospital - San Buenaventura	74 (0)	0.00	Average	11 (0)	0.00	Average	150 (1)	0.80	Average	130 (13)	12.33	Average	72	98.61%	Acceptable
	French Hospital Medical Center	65 (2)	4.64	Average	38 (2)	10.26	Average	144 (1)	0.84	Average	131 (11)	10.01	Average	64	100.00%	Acceptable
	Glendale Memorial Hospital and Health Center	102 (2)	2.98	Average	13 (1)	5.37	Average	196 (1)	0.65	Average	152 (17)	11.70	Average	98	97.96%	Acceptable
	Los Robles Hospital and Medical Center	58 (1)	1.09	Average	26 (2)	4.16	Average	132 (3)	1.83	Average	115 (25)	18.02	Worse	54	98.15%	Acceptable
	Northridge Hospital Medical Center	65 (3)	4.79	Average	10 (1)	9.28	Average	132 (4)	3.38	Average	115 (11)	9.48	Average	63	100.00%	Acceptable
	Palmdale Regional Medical Center	. (.)	.	N/A	. (.)	.	N/A	4 (0)	0.00	Average	2 (0)	0.00	Average	. (.)	.	N/A
	Providence Holy Cross Medical Center	52 (1)	1.53	Average	19 (1)	5.20	Average	101 (2)	1.55	Average	84 (9)	9.43	Average	51	100.00%	Acceptable

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		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases	Percent IMA Use	Performance Rating
Statewide		12,789 (312)	2.44		4,331 (224)	5.17		25,838 (408)	1.58		22,407 (2,518)	11.23		12,05	98.64%	
San Fernando Valley	Providence Saint Joseph Medical Center	54 (1)	2.00	Average	10 (0)	0.00	Average	91 (3)	3.60	Average	83 (5)	6.06	Average	53	100.00%	Acceptable
	Providence Tarzana Medical Center	34 (1)	4.35	Average	7 (1)	5.83	Average	78 (3)	4.73	Average	71 (11)	16.99	Average	33	100.00%	Acceptable
	Santa Barbara Cottage Hospital	88 (2)	3.13	Average	36 (1)	4.44	Average	197 (3)	1.95	Average	183 (16)	10.69	Average	80	100.00%	Acceptable
	St. John's Regional Medical Center	61 (3)	2.92	Average	22 (2)	11.45	Average	117 (6)	3.66	Average	100 (16)	12.91	Average	59	94.92%	Acceptable
	Valley Presbyterian Hospital	41 (0)	0.00	Average	5 (0)	0.00	Average	78 (4)	4.37	Average	56 (7)	11.79	Average	40	97.50%	Acceptable
	West Hills Hospital and Medical Center	37 (0)	0.00	Average	12 (1)	7.35	Average	94 (5)	5.16	Worse	71 (9)	13.58	Average	32	100.00%	Acceptable
Greater Los Angeles	Adventist Health White Memorial	63 (0)	0.00	Average	11 (0)	0.00	Average	123 (2)	1.43	Average	93 (13)	12.07	Average	62	100.00%	Acceptable
	Beverly Hospital	21 (0)	0.00	Average	2 (0)	0.00	Average	46 (1)	1.71	Average	32 (4)	10.78	Average	19	100.00%	Acceptable
	California Hospital Medical Center - Los Angeles	49 (2)	5.49	Average	5 (0)	0.00	Average	89 (1)	0.92	Average	69 (10)	13.11	Average	47	100.00%	Acceptable
	Cedars Sinai Medical Center	168 (2)	2.17	Average	81 (0)	0.00	Average	325 (8)	3.09	Average	248 (31)	13.72	Average	159	100.00%	Acceptable
	Centinela Hospital Medical Center	16 (1)	3.03	Average	1 (1)	100.00	Average	34 (2)	3.45	Average	28 (6)	16.94	Average	15	100.00%	Acceptable
	Emante Health Inter-Community Hospital	135 (0)	0.00	Average	24 (0)	0.00	Average	250 (7)	2.38	Average	211 (18)	8.05	Average	120	100.00%	Acceptable
	Garfield Medical Center	160 (8)	5.55	Average	29 (1)	3.41	Average	319 (13)	3.69	Worse	198 (29)	14.63	Average	145	95.17%	Acceptable
	Good Samaritan Hospital - Los Angeles	82 (3)	4.95	Average	20 (1)	5.82	Average	179 (2)	1.13	Average	124 (17)	14.91	Average	80	100.00%	Acceptable
	Henry Mayo Newhall Hospital	33 (1)	2.06	Average	14 (0)	0.00	Average	76 (1)	1.56	Average	64 (13)	22.17	Worse	28	100.00%	Acceptable
	Hollywood Presbyterian Medical Center	45 (4)	10.56	Worse	1 (1)	49.01	Average	76 (1)	1.29	Average	50 (21)	35.83	Worse	44	95.45%	Acceptable
	Huntington Memorial Hospital	101 (2)	3.44	Average	34 (0)	0.00	Average	184 (3)	1.99	Average	162 (14)	9.68	Average	101	100.00%	Acceptable
	Kaiser Foundation Hospital - Los Angeles	713 (9)	1.64	Average	279 (7)	2.86	Average	1401 (13)	1.03	Average	1353 (98)	7.48	Better	696	99.86%	Acceptable
	Keck Hospital of University of Southern California	65 (0)	0.00	Average	54 (3)	5.60	Average	124 (1)	0.93	Average	80 (14)	17.13	Average	59	98.31%	Acceptable
	Lakewood Regional Medical Center	102 (2)	1.49	Average	16 (1)	4.65	Average	204 (3)	1.17	Average	168 (21)	9.63	Average	97	97.94%	Acceptable
	Los Angeles County/Harbor - UCLA Medical Center	70 (1)	2.16	Average	9 (0)	0.00	Average	127 (0)	0.00	Average	91 (8)	8.45	Average	68	100.00%	Acceptable
	Los Angeles County/University of Southern California Medical Center	47 (1)	5.37	Average	20 (2)	19.05	Average	123 (1)	1.02	Average	78 (13)	21.29	Worse	47	100.00%	Acceptable
	Memorialcare Long Beach Medical Center	155 (8)	4.85	Average	44 (6)	14.48	Worse	284 (6)	2.06	Average	231 (23)	9.54	Average	141	95.04%	Acceptable
	Methodist Hospital of Southern California	48 (1)	2.29	Average	7 (0)	0.00	Average	97 (3)	3.12	Average	92 (10)	10.60	Average	48	95.83%	Acceptable
	PIH Health Hospital - Downey	39 (1)	2.74	Average	3 (0)	0.00	Average	70 (0)	0.00	Average	62 (9)	12.36	Average	36	94.44%	Low
	PIH Health Hospital - Whittier	52 (0)	0.00	Average	64 (4)	3.67	Average	121 (2)	1.26	Average	118 (15)	10.52	Average	46	91.30%	Low
Providence Little Company of Mary Medical Center - Torrance	108 (3)	2.09	Average	27 (0)	0.00	Average	247 (5)	1.63	Average	210 (47)	18.91	Worse	100	98.00%	Acceptable	
Providence St. John's Health Center	20 (0)	0.00	Average	13 (1)	9.33	Average	49 (1)	2.61	Average	45 (5)	13.47	Average	19	94.74%	Low	
Ronald Reagan UCLA Medical Center	131 (1)	1.21	Average	71 (2)	2.61	Average	264 (4)	1.94	Average	223 (27)	12.82	Average	126	99.21%	Acceptable	

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		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases	Percent IMA Use	Performance Rating
<b>Statewide</b>		<b>12,789 (312)</b>	<b>2.44</b>		<b>4,331 (224)</b>	<b>5.17</b>		<b>25,838 (408)</b>	<b>1.58</b>		<b>22,407 (2,518)</b>	<b>11.23</b>		<b>12,056</b>	<b>98.64%</b>	
	St. Francis Medical Center	43 (3)	6.94	Average	3 (0)	0.00	Average	90 (3)	2.60	Average	69 (9)	12.38	Average	42	100.00%	Acceptable
	St. Mary Medical Center - Long Beach	69 (3)	3.74	Average	11 (2)	7.86	Average	125 (2)	1.41	Average	108 (23)	19.75	<b>Worse</b>	65	95.38%	Acceptable
	St. Vincent Medical Center	48 (4)	8.83	Average	3 (1)	25.80	Average	114 (1)	0.89	Average	93 (13)	14.91	Average	47	95.74%	Acceptable
	Torrance Memorial Medical Center	66 (1)	1.68	Average	50 (2)	3.26	Average	135 (7)	4.47	<b>Worse</b>	121 (14)	11.72	Average	64	100.00%	Acceptable
Inland Empire, Riverside & San Bernardino	Desert Regional Medical Center	101 (2)	2.61	Average	22 (0)	0.00	Average	213 (2)	1.02	Average	192 (13)	6.93	Average	94	100.00%	Acceptable
	Desert Valley Hospital	27 (1)	3.13	Average	5 (1)	27.38	Average	64 (4)	5.60	Average	54 (9)	14.76	Average	27	100.00%	Acceptable
	Eisenhower Medical Center	111 (2)	2.05	Average	47 (3)	6.31	Average	246 (1)	0.47	Average	223 (30)	15.01	Average	107	100.00%	Acceptable
	Kaiser Foundation Hospital - Fontana	265 (4)	1.47	Average	117 (3)	2.81	Average	520 (6)	1.19	Average	502 (49)	9.22	Average	248	99.19%	Acceptable
	Loma Linda University Medical Center	204 (5)	1.94	Average	62 (4)	6.94	Average	402 (5)	1.08	Average	345 (54)	14.00	Average	191	95.29%	Acceptable
	Loma Linda University Medical Center - Murrieta	116 (3)	4.03	Average	11 (0)	0.00	Average	192 (5)	3.43	Average	171 (20)	12.87	Average	113	98.23%	Acceptable
	Pomona Valley Hospital Medical Center	97 (2)	1.58	Average	24 (3)	12.23	Average	213 (6)	2.18	Average	190 (20)	9.73	Average	89	100.00%	Acceptable
	Riverside Community Hospital	185 (8)	2.87	Average	34 (3)	5.98	Average	394 (1)	0.21	<b>Better</b>	326 (45)	12.16	Average	164	97.56%	Acceptable
	San Antonio Regional Hospital	129 (1)	0.87	Average	59 (0)	0.00	Average	258 (8)	2.94	Average	238 (31)	13.21	Average	123	99.19%	Acceptable
	St. Bernardine Medical Center	241 (12)	5.60	<b>Worse</b>	73 (5)	7.77	Average	504 (13)	2.62	Average	450 (61)	13.20	Average	236	99.15%	Acceptable
	St. Mary Medical Center - Apple Valley	73 (3)	3.56	Average	30 (3)	11.01	Average	153 (4)	3.03	Average	139 (15)	10.75	Average	66	100.00%	Acceptable
Temecula Valley Hospital	90 (1)	1.10	Average	10 (1)	19.40	Average	201 (1)	0.53	Average	168 (26)	15.35	Average	87	94.25%	<b>Low</b>	
Orange County	AHMC Anaheim Regional Medical Center	113 (1)	1.54	Average	36 (0)	0.00	Average	213 (0)	0.00	Average	142 (24)	17.36	Average	101	100.00%	Acceptable
	Anaheim Global Medical Center	43 (2)	3.78	Average	18 (0)	0.00	Average	86 (0)	0.00	Average	72 (11)	12.84	Average	38	100.00%	Acceptable
	Fountain Valley Regional Hospital and Medical Center - Euclid	73 (5)	6.79	Average	6 (0)	0.00	Average	175 (5)	2.37	Average	119 (19)	15.32	Average	69	95.65%	Acceptable
	Hoag Memorial Hospital Presbyterian	157 (4)	2.42	Average	87 (6)	8.11	Average	309 (1)	0.36	Average	279 (27)	11.78	Average	147	99.32%	Acceptable
	Memorialcare Orange Coast Medical Center	77 (0)	0.00	Average	23 (2)	8.60	Average	171 (6)	3.21	Average	159 (12)	7.16	Average	75	100.00%	Acceptable
	Memorialcare Saddleback Medical Center	45 (4)	6.25	Average	8 (0)	0.00	Average	100 (0)	0.00	Average	88 (7)	8.97	Average	42	95.24%	Acceptable
	Mission Hospital Regional Medical Center	124 (2)	2.47	Average	29 (1)	3.27	Average	264 (0)	0.00	Average	227 (15)	7.78	Average	121	100.00%	Acceptable
	Orange County Global Medical Center	38 (0)	0.00	Average	12 (1)	6.93	Average	82 (0)	0.00	Average	64 (10)	13.64	Average	38	100.00%	Acceptable
	St. Joseph Hospital - Orange	98 (3)	3.74	Average	30 (1)	3.88	Average	211 (3)	1.38	Average	155 (11)	7.99	Average	91	98.90%	Acceptable
	St. Jude Medical Center	70 (1)	1.31	Average	25 (2)	8.47	Average	154 (2)	1.36	Average	142 (8)	5.51	<b>Better</b>	67	100.00%	Acceptable
	UC Irvine Medical Center	61 (4)	5.60	Average	14 (2)	7.56	Average	121 (3)	2.61	Average	91 (11)	12.75	Average	57	100.00%	Acceptable
West Anaheim Medical Center	32 (0)	0.00	Average	1 (0)	0.00	Average	66 (0)	0.00	Average	53 (11)	21.54	Average	30	100.00%	Acceptable	

## California Hospital Performance Ratings for Coronary Artery Bypass Graft (CABG) Surgery by Region, 2017-2018\*

Region	Hospital	Isolated CABG Operative Mortality <sup>1</sup> 2018			CABG + Valve Operative Mortality <sup>2</sup> 2017-2018			Post-Operative Stroke <sup>3</sup> 2017-2018			30-Day Readmission <sup>4</sup> 2017-2018			Internal Mammary Artery Use <sup>5</sup> 2018		
		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating <sup>†</sup>	Cases	Percent IMA Use	Performance Rating
<b>Statewide</b>		<b>12,789 (312)</b>	<b>2.44</b>		<b>4,331 (224)</b>	<b>5.17</b>		<b>25,838 (408)</b>	<b>1.58</b>		<b>22,407 (2,518)</b>	<b>11.23</b>		<b>12,056</b>	<b>98.64%</b>	
Greater San Diego	Alvarado Hospital Medical Center	24 (3)	10.13	Average	6 (0)	0.00	Average	44 (2)	3.80	Average	35 (1)	2.26	Average	21	95.24%	Acceptable
	Grossmont Hospital	71 (1)	1.09	Average	14 (1)	5.44	Average	148 (9)	4.50	<b>Worse</b>	130 (23)	15.10	Average	67	100.00%	Acceptable
	Palomar Health Downtown Campus	79 (6)	7.65	<b>Worse</b>	22 (4)	21.86	<b>Worse</b>	200 (7)	2.95	Average	180 (29)	14.08	Average	70	100.00%	Acceptable
	Scripps Memorial Hospital - La Jolla	327 (4)	1.59	Average	155 (6)	4.09	Average	655 (8)	1.56	Average	581 (52)	10.34	Average	316	100.00%	Acceptable
	Scripps Mercy Hospital	84 (6)	10.32	<b>Worse</b>	24 (1)	6.53	Average	186 (5)	3.01	Average	167 (16)	10.61	Average	82	100.00%	Acceptable
	Sharp Chula Vista Medical Center	68 (0)	0.00	Average	15 (3)	18.58	Average	154 (3)	1.68	Average	138 (19)	12.12	Average	64	100.00%	Acceptable
	Sharp Memorial Hospital	83 (2)	3.50	Average	62 (3)	4.25	Average	154 (5)	3.98	Average	149 (18)	13.36	Average	80	97.50%	Acceptable
	Tri-City Medical Center - Oceanside	48 (0)	0.00	Average	21 (1)	4.30	Average	101 (1)	0.99	Average	82 (3)	4.00	Average	44	97.73%	Acceptable
	UCSD Health La Jolla - Jacobs Medical Center & Sulpizio Cardiovascular Center	159 (1)	0.71	Average	55 (0)	0.00	Average	296 (3)	0.92	Average	275 (24)	8.46	Average	153	99.35%	Acceptable

<sup>1</sup> **Isolated CABG Operative Mortality** is defined as patient death occurring in the hospital after isolated CABG surgery, up to 90 days, death occurring anywhere after hospital discharge but within 30 days after the isolated CABG surgery or all deaths after transfer to another acute care center up to 90 days. Hospital ratings are risk-adjusted using a statistical technique that allows for fair comparison of hospital outcomes even though some hospitals have sicker patients than average.

<sup>2</sup> **CABG + Valve Operative Mortality** is defined as patient death occurring in the hospital after CABG with Valve surgery (Aortic Valve Replacement, Mitral Valve Replacement or Repair or a combination of these), up to 90 days, or death occurring anywhere after hospital discharge but within 30 days after the surgery, or all deaths after transfer to another acute care center up to 90 days. Hospital ratings are risk-adjusted using a statistical technique that allows for fair comparison of hospital outcomes even though some hospitals have sicker patients than average.

<sup>3</sup> **Post-Operative Stroke** is defined as a post-operative, central neurologic deficit persisting for more than 24 hours after isolated CABG surgery while in the operating hospital. Hospital ratings are risk-adjusted using a statistical technique that allows for fair comparison of hospital outcomes even though some hospitals have sicker patients than average.

<sup>4</sup> **30-Day Readmission** is defined as an isolated CABG surgery patient with an all cause unplanned readmission to an acute care hospital within 30 days of being discharged to home or a non-acute setting. Study population includes patients discharged alive that could be followed-up via hospital patient discharge data. Hospital ratings are risk-adjusted using a statistical technique that allows for fair comparison of hospital outcomes even though some hospitals have sicker patients than average.

<sup>5</sup> **Internal Mammary Artery (IMA) Usage** in CABG surgery is an evidence-based indicator of surgery quality. Most first-time CABG surgery patients are eligible to receive an IMA bypass. Clinical research shows that IMA grafts used in CABG surgery stay open longer and increase patients' survival. Very low hospital utilization rates may be associated with poorer care. Those hospitals with IMA usage rates below 94.80%, (i.e. two standard deviations below the statewide average [98.64%]) are labeled as "Low"; those with rates above 94.80% are labeled as "Acceptable." Hospitals are not assessed for very high IMA usage rates because there is no consensus on what constitutes an optimal rate.

\* The sum of number of CABG cases by hospital may not equal the total number of statewide CABG cases for various reasons, such as the surgeon appeals process and cases not appearing for the hospital where a surgeon has died.

† The performance rating is based on a comparison of each provider's risk-adjusted rate and the California observed rate. This is a test of statistical significance. A provider is classified as "Better" if the upper 95% confidence limit of its risk-adjusted rate falls below the California observed rate. A provider is classified as "Worse" if the lower 95% confidence limit of its risk-adjusted rate is higher than the California observed rate. A provider is classified as "Average" if the California rate falls within the confidence interval of the provider's risk-adjusted rate.

N/A-Not Applicable: Hospital performed no CABG cases that meet criteria for a specific measure.