

California Hospital Performance Ratings for Coronary Artery Bypass Graft (CABG) Surgery by Region, 2019*

Region	Hospital	Isolated CABG Operative Mortality ¹ 2019			CABG + Valve Operative Mortality ² 2018-2019			Post-Operative Stroke ³ 2018-2019			30-Day Readmission ⁴ 2018-2019			Internal Mammary Artery Use ⁵ 2019		
		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating [*]	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating [*]	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating [*]	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating [*]	Cases	Percent IMA Use	Performance Rating
Statewide		13,252 (290)	2.19		4,161 (215)	5.17		26,042 (439)	1.69		22,167 (2,693)	12.15		12,432	98.37%	
Sacramento Valley & Northern California Region	Adventist Health and Rideout	53 (1)	1.28	Average	14 (3)	15.85	Average	118 (2)	1.40	Average	103 (16)	14.26	Average	48	100.00%	Acceptable
	Enloe Medical Center - Esplanade	133 (6)	3.96	Average	38 (2)	5.60	Average	281 (5)	1.97	Average	254 (44)	16.63	Average	125	97.60%	Acceptable
	Mercy General Hospital	513 (8)	1.52	Average	268 (5)	1.69	Better	1,009 (21)	2.10	Average	892 (71)	8.07	Better	493	98.99%	Acceptable
	Mercy Medical Center - Redding	50 (3)	4.45	Average	8 (0)	0.00	Average	84 (1)	1.03	Average	76 (14)	15.75	Average	41	95.12%	Acceptable
	Mercy San Juan Hospital	84 (4)	5.78	Average	61 (7)	9.39	Average	161 (1)	0.71	Average	151 (14)	9.78	Average	81	100.00%	Acceptable
	Shasta Regional Medical Center	101 (4)	3.48	Average	41 (2)	5.45	Average	209 (3)	1.61	Average	194 (27)	13.28	Average	87	100.00%	Acceptable
	St. Joseph Hospital - Eureka	28 (2)	5.26	Average	1 (0)	0.00	Average	41 (1)	2.99	Average	37 (8)	21.01	Average	26	88.46%	Low
	Sutter Medical Center, Sacramento	372 (3)	0.79	Average	204 (9)	3.86	Average	723 (12)	1.76	Average	659 (67)	10.52	Average	343	98.25%	Acceptable
	UC Davis Medical Center	90 (3)	4.32	Average	24 (2)	10.05	Average	152 (3)	2.40	Average	132 (17)	14.37	Average	86	96.51%	Acceptable
San Francisco Bay Area & San Jose	Adventist Health St. Helena	77 (4)	4.66	Average	27 (0)	0.00	Average	153 (1)	0.55	Average	121 (15)	11.33	Average	72	97.22%	Acceptable
	Alta Bates Summit Medical Center - Summit Campus	155 (2)	1.12	Average	36 (1)	2.47	Average	298 (3)	0.83	Average	261 (26)	9.33	Average	148	100.00%	Acceptable
	California Pacific Medical Center - Van Ness Campus	68 (1)	2.20	Average	16 (2)	9.29	Average	145 (3)	2.61	Average	119 (12)	11.85	Average	65	100.00%	Acceptable
	Community Hospital of the Monterey Peninsula	90 (4)	3.82	Average	27 (0)	0.00	Average	166 (3)	1.64	Average	144 (16)	10.49	Average	85	100.00%	Acceptable
	Dominican Hospital	71 (3)	3.74	Average	40 (3)	5.91	Average	128 (3)	3.01	Average	109 (10)	10.67	Average	62	100.00%	Acceptable
	El Camino Hospital	81 (0)	0.00	Average	21 (1)	4.28	Average	185 (2)	1.15	Average	130 (10)	7.39	Average	74	100.00%	Acceptable
	Good Samaritan Hospital - San Jose	77 (1)	1.28	Average	26 (3)	9.75	Average	147 (3)	1.98	Average	126 (21)	16.60	Average	69	100.00%	Acceptable
	John Muir Medical Center - Concord Campus	179 (0)	0.00	Better	49 (3)	7.05	Average	361 (9)	2.43	Average	321 (21)	6.31	Better	163	98.77%	Acceptable
	Kaiser Foundation Hospital - San Francisco	397 (4)	1.77	Average	100 (3)	5.81	Average	730 (11)	1.94	Average	715 (60)	10.14	Average	390	99.74%	Acceptable
	Kaiser Foundation Hospital - Santa Clara	410 (9)	3.38	Average	149 (7)	6.63	Average	826 (16)	2.28	Average	798 (69)	9.78	Average	395	100.00%	Acceptable
	Marin Health Medical Center	29 (0)	0.00	Average	15 (1)	10.14	Average	68 (1)	1.92	Average	55 (3)	5.91	Average	28	100.00%	Acceptable
	Mills-Peninsula Medical Center	60 (0)	0.00	Average	18 (2)	13.82	Average	104 (2)	2.36	Average	81 (7)	9.67	Average	58	100.00%	Acceptable
	North Bay Medical Center	52 (2)	3.38	Average	5 (2)	47.35	Worse	99 (2)	2.07	Average	86 (10)	11.27	Average	47	100.00%	Acceptable
	O'Connor Hospital	42 (1)	1.47	Average	6 (1)	12.92	Average	91 (1)	0.80	Average	78 (16)	17.47	Average	39	100.00%	Acceptable
	Queen of the Valley Medical Center	38 (0)	0.00	Average	10 (0)	0.00	Average	81 (1)	1.25	Average	65 (8)	11.14	Average	37	100.00%	Acceptable
	Regional Medical of San Jose	70 (2)	2.08	Average	14 (2)	13.62	Average	152 (2)	1.02	Average	122 (17)	11.94	Average	64	100.00%	Acceptable
	Salinas Valley Memorial Hospital	94 (1)	0.87	Average	26 (0)	0.00	Average	192 (3)	1.38	Average	166 (28)	16.60	Average	85	100.00%	Acceptable
	San Ramon Regional Medical Center	38 (1)	3.95	Average	11 (0)	0.00	Average	57 (1)	2.08	Average	46 (4)	11.01	Average	36	100.00%	Acceptable
	Santa Clara Valley Medical Center	71 (1)	1.56	Average	20 (1)	4.20	Average	134 (1)	0.83	Average	106 (13)	13.47	Average	69	98.55%	Acceptable
	Santa Rosa Memorial Hospital - Montgomery	47 (0)	0.00	Average	32 (0)	0.00	Average	133 (2)	1.79	Average	121 (6)	5.25	Better	43	95.35%	Acceptable
	Sequoia Hospital	49 (0)	0.00	Average	42 (4)	6.96	Average	91 (3)	3.46	Average	82 (7)	9.19	Average	46	100.00%	Acceptable
	Seton Medical Center	49 (3)	2.92	Average	3 (0)	0.00	Average	111 (6)	4.31	Average	91 (14)	14.93	Average	40	100.00%	Acceptable
	St. Mary's Medical Center, San Francisco	7 (0)	0.00	Average	2 (0)	0.00	Average	16 (0)	0.00	Average	15 (2)	15.97	Average	7	100.00%	Acceptable
	Stanford Health Care	157 (3)	1.96	Average	77 (2)	2.37	Average	304 (5)	1.81	Average	178 (32)	18.89	Worse	151	100.00%	Acceptable
	Stanford Health Care - Valleycare	34 (1)	3.40	Average	8 (0)	0.00	Average	68 (1)	1.59	Average	59 (4)	6.80	Average	30	100.00%	Acceptable
	Sutter Santa Rosa Regional Hospital	38 (1)	4.28	Average	22 (3)	10.62	Average	81 (1)	1.72	Average	67 (8)	12.62	Average	36	97.22%	Acceptable
UC San Francisco Medical Center	90 (3)	4.68	Average	32 (1)	2.59	Average	176 (2)	1.27	Average	147 (20)	15.58	Average	89	97.75%	Acceptable	
Washington Hospital - Fremont	89 (2)	3.35	Average	13 (1)	13.55	Average	152 (0)	0.00	Average	123 (18)	15.48	Average	87	97.70%	Acceptable	

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		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating*	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating*	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating*	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating*	Cases	Percent IMA Use	Performance Rating
Statewide		13,252 (290)	2.19		4,161 (215)	5.17		26,042 (439)	1.69		22,167 (2,693)	12.15		12,432	98.37%	
Central California	Adventist Health Bakersfield	60 (0)	0.00	Average	9 (1)	7.08	Average	124 (4)	3.22	Average	100 (18)	17.91	Average	51	94.12%	Acceptable
	Bakersfield Heart Hospital	90 (4)	4.60	Average	19 (1)	8.06	Average	168 (1)	0.78	Average	143 (26)	18.80	Worse	84	92.86%	Acceptable
	Bakersfield Memorial Hospital	76 (3)	3.86	Average	30 (2)	10.29	Average	171 (2)	1.29	Average	153 (23)	15.26	Average	67	100.00%	Acceptable
	Community Regional Medical Center - Fresno	132 (4)	2.58	Average	10 (1)	5.27	Average	267 (5)	1.31	Average	233 (50)	17.18	Worse	118	98.31%	Acceptable
	Dameron Hospital	39 (3)	10.78	Worse	4 (1)	16.56	Average	119 (4)	3.17	Average	84 (14)	16.46	Average	37	97.30%	Acceptable
	Doctors Medical Center	326 (15)	3.12	Average	72 (6)	6.85	Average	614 (11)	1.45	Average	488 (69)	12.46	Average	294	99.32%	Acceptable
	Fresno Heart and Surgical Hospital	259 (3)	0.90	Average	56 (2)	2.94	Average	506 (8)	1.65	Average	469 (47)	9.86	Average	223	99.10%	Acceptable
	Kaweah Delta Medical Center	207 (5)	2.43	Average	52 (6)	8.25	Average	395 (5)	1.12	Average	352 (48)	12.00	Average	195	100.00%	Acceptable
	Marian Regional Medical Center	81 (6)	7.85	Worse	25 (0)	0.00	Average	156 (4)	2.74	Average	141 (11)	8.54	Average	78	100.00%	Acceptable
	Memorial Medical Center - Modesto	144 (8)	3.56	Average	50 (6)	8.61	Average	268 (2)	0.71	Average	243 (33)	13.13	Average	126	96.83%	Acceptable
	Saint Agnes Medical Center	200 (7)	2.74	Average	77 (5)	7.40	Average	413 (1)	0.24	Better	330 (39)	11.74	Average	169	98.82%	Acceptable
	St. Joseph's Medical Center of Stockton	250 (7)	1.51	Average	42 (2)	4.36	Average	480 (7)	1.18	Average	377 (56)	12.52	Average	221	98.64%	Acceptable
San Fernando Valley, Antelope Valley, Ventura & Santa Barbara	Adventist Health Glendale	126 (3)	3.13	Average	19 (0)	0.00	Average	257 (3)	1.25	Average	175 (25)	14.42	Average	122	100.00%	Acceptable
	Antelope Valley Hospital	17 (3)	13.22	Worse	. (.)	.	N/A	22 (1)	4.90	Average	14 (1)	8.47	Average	16	93.75%	Acceptable
	Community Memorial Hospital - San Buenaventura	83 (1)	1.18	Average	11 (1)	16.71	Average	157 (1)	0.75	Average	129 (9)	8.48	Average	80	100.00%	Acceptable
	French Hospital Medical Center	62 (0)	0.00	Average	35 (2)	12.14	Average	127 (2)	1.91	Average	114 (11)	10.59	Average	59	98.31%	Acceptable
	Glendale Memorial Hospital and Health Center	79 (0)	0.00	Average	18 (0)	0.00	Average	181 (1)	0.61	Average	135 (15)	11.48	Average	76	100.00%	Acceptable
	Los Robles Hospital and Medical Center	80 (3)	3.98	Average	17 (0)	0.00	Average	138 (4)	2.88	Average	113 (19)	16.57	Average	75	98.67%	Acceptable
	Northridge Hospital Medical Center	75 (2)	2.56	Average	11 (1)	8.99	Average	140 (4)	2.64	Average	125 (15)	11.62	Average	69	100.00%	Acceptable
	Providence Holy Cross Medical Center	70 (2)	2.12	Average	17 (1)	7.38	Average	122 (3)	1.85	Average	92 (13)	12.48	Average	65	100.00%	Acceptable
	Providence Saint Joseph Medical Center	47 (0)	0.00	Average	9 (0)	0.00	Average	101 (4)	3.97	Average	91 (7)	7.61	Average	47	97.87%	Acceptable
	Providence Tarzana Medical Center	45 (1)	1.93	Average	9 (1)	7.07	Average	79 (4)	5.84	Average	66 (13)	19.24	Average	42	100.00%	Acceptable
	Santa Barbara Cottage Hospital	76 (1)	1.13	Average	28 (1)	4.96	Average	164 (1)	0.59	Average	151 (21)	15.26	Average	76	98.68%	Acceptable
	St. John's Regional Medical Center	51 (1)	1.11	Average	20 (2)	10.80	Average	112 (4)	2.61	Average	100 (24)	19.17	Worse	47	97.87%	Acceptable
	Valley Presbyterian Hospital	35 (1)	1.63	Average	5 (0)	0.00	Average	76 (3)	3.00	Average	57 (13)	20.24	Average	30	96.67%	Acceptable
	West Hills Hospital and Medical Center	56 (0)	0.00	Average	10 (1)	10.71	Average	93 (3)	3.18	Average	77 (9)	11.04	Average	49	100.00%	Acceptable

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		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating*	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating*	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating*	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating*	Cases	Percent IMA Use	Performance Rating
Statewide		13,252 (290)	2.19		4,161 (215)	5.17		26,042 (439)	1.69		22,167 (2,693)	12.15		12,432	98.37%	
Greater Los Angeles	Adventist Health White Memorial	53 (1)	2.00	Average	12 (0)	0.00	Average	116 (2)	1.52	Average	79 (9)	10.63	Average	51	100.00%	Acceptable
	Beverly Hospital	17 (0)	0.00	Average	2 (1)	25.33	Average	38 (1)	2.43	Average	28 (4)	13.47	Average	15	66.67%	Low
	California Hospital Medical Center - Los Angeles	36 (0)	0.00	Average	6 (0)	0.00	Average	85 (3)	2.70	Average	69 (12)	15.94	Average	35	100.00%	Acceptable
	Cedars Sinai Medical Center	201 (3)	1.88	Average	62 (2)	3.26	Average	369 (8)	2.55	Average	259 (42)	17.28	Worse	191	98.43%	Acceptable
	Centinela Hospital Medical Center	23 (2)	6.92	Average	. (.)	.	Average	39 (2)	3.84	Average	31 (9)	23.29	Average	22	95.45%	Acceptable
	Emanate Health Inter-Community Hospital	159 (6)	3.39	Average	34 (0)	0.00	Average	294 (7)	2.00	Average	249 (19)	7.07	Better	151	98.01%	Acceptable
	Garfield Medical Center	105 (1)	1.15	Average	29 (0)	0.00	Average	265 (11)	3.89	Worse	155 (20)	13.05	Average	100	91.00%	Low
	Good Samaritan Hospital - Los Angeles	100 (3)	3.81	Average	17 (1)	4.49	Average	182 (1)	0.58	Average	122 (13)	11.23	Average	90	100.00%	Acceptable
	Henry Mayo Newhall Hospital	49 (3)	3.80	Average	7 (0)	0.00	Average	82 (1)	1.12	Average	66 (13)	20.01	Average	43	100.00%	Acceptable
	Hollywood Presbyterian Medical Center	40 (1)	3.10	Average	3 (2)	49.48	Worse	85 (1)	1.22	Average	55 (25)	41.26	Worse	37	97.30%	Acceptable
	Huntington Memorial Hospital	96 (0)	0.00	Average	38 (0)	0.00	Average	197 (1)	0.70	Average	169 (23)	15.88	Average	94	96.81%	Acceptable
	Kaiser Foundation Hospital - Los Angeles	765 (14)	2.30	Average	284 (5)	2.08	Better	1,478 (15)	1.07	Average	1,432 (113)	7.91	Better	745	99.60%	Acceptable
	Keck Hospital of University of Southern California	84 (1)	1.58	Average	62 (4)	6.02	Average	149 (2)	1.42	Average	85 (10)	11.66	Average	77	100.00%	Acceptable
	Lakewood Regional Medical Center	86 (1)	0.83	Average	20 (2)	10.81	Average	188 (4)	1.65	Average	150 (20)	11.13	Average	83	96.39%	Acceptable
	Los Angeles County/Harbor - UCLA Medical Center	58 (0)	0.00	Average	8 (0)	0.00	Average	128 (2)	1.36	Average	89 (13)	15.20	Average	56	98.21%	Acceptable
	Los Angeles County/University of Southern California Medical Center	54 (1)	3.62	Average	17 (3)	28.62	Worse	101 (0)	0.00	Average	62 (9)	16.69	Average	54	98.15%	Acceptable
	Memorialcare Long Beach Medical Center	132 (4)	3.12	Average	39 (3)	7.87	Average	287 (7)	2.19	Average	220 (25)	11.39	Average	125	99.20%	Acceptable
	Methodist Hospital of Southern California	42 (3)	8.18	Average	2 (0)	0.00	Average	90 (4)	3.98	Average	85 (9)	10.18	Average	42	97.62%	Acceptable
	PIH Health Hospital - Downey	28 (0)	0.00	Average	5 (1)	28.75	Average	67 (1)	1.14	Average	57 (15)	23.63	Worse	28	96.43%	Acceptable
	PIH Health Hospital - Whittier	74 (0)	0.00	Average	66 (4)	3.36	Average	126 (1)	0.65	Average	115 (16)	12.06	Average	73	98.63%	Acceptable
	Providence Little Company of Mary Medical Center - Torrance	120 (6)	3.13	Average	20 (0)	0.00	Average	228 (3)	0.95	Average	197 (36)	14.73	Average	109	100.00%	Acceptable
	Providence St. John's Health Center	45 (1)	1.48	Average	16 (1)	7.26	Average	65 (2)	3.56	Average	55 (5)	9.01	Average	35	100.00%	Acceptable
	Ronald Reagan UCLA Medical Center	134 (0)	0.00	Average	83 (2)	2.59	Average	265 (4)	1.76	Average	202 (26)	13.30	Average	121	100.00%	Acceptable
St. Francis Medical Center	37 (2)	4.17	Average	. (.)	.	N/A	80 (2)	2.22	Average	61 (10)	17.63	Average	33	100.00%	Acceptable	
St. Mary Medical Center - Long Beach	43 (2)	4.58	Average	8 (1)	8.80	Average	112 (0)	0.00	Average	91 (21)	22.31	Worse	41	97.56%	Acceptable	
St. Vincent Medical Center	34 (1)	5.12	Average	4 (0)	0.00	Average	82 (2)	2.54	Average	61 (6)	10.76	Average	34	94.12%	Acceptable	
Torrance Memorial Medical Center	61 (1)	2.74	Average	30 (2)	5.19	Average	127 (5)	4.47	Average	113 (21)	19.41	Average	60	100.00%	Acceptable	

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		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating	Cases	Percent IMA Use	Performance Rating
Statewide		13,252 (290)	2.19		4,161 (215)	5.17		26,042 (439)	1.69		22,167 (2,693)	12.15		12,432	98.37%	
Inland Empire, Riverside & San Bernardino	Desert Regional Medical Center	115 (6)	5.11	Average	18 (1)	5.30	Average	216 (2)	0.93	Average	194 (17)	8.86	Average	104	98.08%	Acceptable
	Desert Valley Hospital	27 (1)	1.81	Average	6 (1)	12.71	Average	54 (2)	2.50	Average	43 (7)	12.38	Average	27	96.30%	Acceptable
	Eisenhower Medical Center	116 (1)	0.89	Average	49 (4)	8.67	Average	227 (0)	0.00	Average	206 (27)	13.43	Average	113	100.00%	Acceptable
	Kaiser Foundation Hospital - Fontana	250 (2)	0.97	Average	114 (2)	2.45	Average	515 (4)	0.81	Average	499 (52)	10.36	Average	240	99.17%	Acceptable
	Loma Linda University Medical Center	247 (4)	1.51	Average	72 (7)	6.80	Average	451 (5)	1.02	Average	377 (58)	13.86	Average	228	99.12%	Acceptable
	Loma Linda University Medical Center - Murrieta	119 (2)	2.70	Average	18 (0)	0.00	Average	235 (5)	2.75	Average	193 (27)	15.34	Average	113	100.00%	Acceptable
	Pomona Valley Hospital Medical Center	92 (1)	0.88	Average	15 (2)	13.57	Average	189 (7)	2.85	Average	170 (25)	13.95	Average	89	100.00%	Acceptable
	Riverside Community Hospital	157 (4)	2.17	Average	27 (1)	2.61	Average	342 (3)	0.74	Average	274 (33)	10.67	Average	135	100.00%	Acceptable
	San Antonio Regional Hospital	130 (1)	0.75	Average	31 (2)	11.88	Average	259 (8)	2.76	Average	235 (26)	11.21	Average	122	100.00%	Acceptable
	St. Bernardine Medical Center	232 (5)	2.09	Average	75 (6)	7.52	Average	473 (16)	3.51	Worse	413 (60)	14.59	Average	229	98.69%	Acceptable
	St. Mary Medical Center - Apple Valley	58 (1)	1.85	Average	19 (1)	7.95	Average	131 (2)	1.46	Average	115 (13)	10.08	Average	57	100.00%	Acceptable
	Temecula Valley Hospital	99 (2)	2.75	Average	9 (0)	0.00	Average	189 (1)	0.58	Average	154 (24)	15.67	Average	94	100.00%	Acceptable
Orange County	AHMC Anaheim Regional Medical Center	116 (2)	2.57	Average	29 (1)	5.23	Average	229 (0)	0.00	Average	151 (31)	21.74	Worse	110	99.09%	Acceptable
	Anaheim Global Medical Center	21 (0)	0.00	Average	15 (1)	3.97	Average	64 (0)	0.00	Average	49 (6)	11.17	Average	20	100.00%	Acceptable
	Fountain Valley Regional Hospital and Medical Center - Euclid	93 (1)	1.18	Average	4 (0)	0.00	Average	166 (4)	2.23	Average	121 (24)	20.03	Worse	87	95.40%	Acceptable
	Hoag Memorial Hospital Presbyterian	211 (0)	0.00	Average	95 (5)	5.81	Average	368 (5)	1.58	Average	330 (28)	9.97	Average	199	99.50%	Acceptable
	Memorialcare Orange Coast Medical Center†	101 (0)	0.00	Average	24 (1)	5.04	Average	178 (7)	4.82	Worse	169 (9)	5.94	Better	98	100.00%	Acceptable
	Memorialcare Saddleback Medical Center	49 (2)	3.91	Average	5 (0)	0.00	Average	94 (1)	1.06	Average	84 (8)	10.77	Average	44	97.73%	Acceptable
	Mission Hospital Regional Medical Center	102 (1)	1.25	Average	25 (1)	3.73	Average	226 (0)	0.00	Average	190 (11)	6.50	Better	96	98.96%	Acceptable
	Orange County Global Medical Center	50 (1)	1.97	Average	16 (2)	7.72	Average	88 (0)	0.00	Average	64 (12)	16.42	Average	49	100.00%	Acceptable
	St. Joseph Hospital - Orange	121 (2)	1.59	Average	37 (0)	0.00	Average	219 (4)	2.05	Average	184 (21)	11.54	Average	114	99.12%	Acceptable
	St. Jude Medical Center	95 (2)	1.79	Average	26 (2)	5.72	Average	165 (2)	1.18	Average	148 (17)	10.81	Average	87	98.85%	Acceptable
	UC Irvine Medical Center	78 (3)	3.43	Average	20 (1)	4.57	Average	139 (3)	1.84	Average	98 (13)	12.33	Average	74	100.00%	Acceptable
	West Anaheim Medical Center	28 (1)	2.53	Average	. (.)	.	N/A	60 (0)	0.00	Average	48 (15)	33.98	Worse	27	88.89%	Low

California Hospital Performance Ratings for Coronary Artery Bypass Graft (CABG) Surgery by Region, 2019*

Region	Hospital	Isolated CABG Operative Mortality ¹ 2019			CABG + Valve Operative Mortality ² 2018-2019			Post-Operative Stroke ³ 2018-2019			30-Day Readmission ⁴ 2018-2019			Internal Mammary Artery Use ⁵ 2019		
		Cases (Deaths)	Risk-Adjusted Rate	Performance Rating†	Cases (Deaths)	Risk-Adjusted Rate	Performance Rating†	Cases (Strokes)	Risk-Adjusted Rate	Performance Rating†	Cases (Readmissions)	Risk-Adjusted Rate	Performance Rating†	Cases	Percent IMA Use	Performance Rating
Statewide		13,252 (290)	2.19		4,161 (215)	5.17		26,042 (439)	1.69		22,167 (2,693)	12.15		12,432	98.37%	
Greater San Diego	Alvarado Hospital Medical Center	17 (0)	0.00	Average	2 (0)	0.00	Average	41 (2)	4.34	Average	29 (2)	5.93	Average	17	100.00%	Acceptable
	Grossmont Hospital	76 (6)	6.33	Worse	14 (2)	7.82	Average	147 (8)	4.55	Worse	130 (24)	17.17	Average	71	100.00%	Acceptable
	Palomar Health Downtown Campus	85 (6)	4.88	Average	19 (4)	21.07	Worse	164 (6)	3.77	Average	137 (15)	11.61	Average	73	100.00%	Acceptable
	Scripps Memorial Hospital - La Jolla	387 (2)	0.69	Average	158 (4)	2.55	Average	714 (7)	1.07	Average	611 (60)	10.71	Average	380	100.00%	Acceptable
	Scripps Mercy Hospital	85 (2)	3.38	Average	27 (0)	0.00	Average	169 (4)	2.79	Average	145 (15)	11.60	Average	80	100.00%	Acceptable
	Sharp Chula Vista Medical Center	79 (2)	3.13	Average	19 (6)	36.26	Worse	147 (2)	1.24	Average	136 (25)	17.15	Average	76	100.00%	Acceptable
	Sharp Memorial Hospital	83 (1)	1.42	Average	48 (2)	4.55	Average	166 (5)	3.27	Average	154 (22)	15.11	Average	74	98.65%	Acceptable
	Tri-City Medical Center - Oceanside	52 (1)	2.72	Average	24 (4)	11.60	Average	100 (0)	0.00	Average	85 (8)	10.98	Average	46	97.83%	Acceptable
	UCSD Health La Jolla - Jacobs Medical Center & Sulpizio Cardiovascular Center	156 (2)	1.74	Average	66 (2)	3.91	Average	315 (3)	1.02	Average	292 (30)	10.55	Average	153	100.00%	Acceptable

¹ **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.

² **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.

³ **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.

⁴ **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.

⁵ **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 91.32%, (i.e. two standard deviations below the statewide average [98.37%]) 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 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.

† Hospital submitted letter in response to the 2018-2019 performance ratings.

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