

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Alameda	Alta Bates Summit Medical Center		0.0% (0;4)	9.6% (1;12)	31.2% (1;8)	3.1% (8;247)
	Eden Medical Center		0.0% (0;10)	0.0% (0;8)		
	Highland Hospital		0.0% (0;4)	0.0% (0;10)	0.0% (0;9)	3.3% (4;109)
	Kaiser Foundation Hospital – Fremont					3.8% (1;43)
	Kaiser Foundation Hospital – Oakland/Richmond		0.0% (0;14)	0.0% (0;3)	2.0% (1;95)	7.9% (10;220)
	Kaiser Foundation Hospital – San Leandro	0.0% (0;9)	0.0% (0;14)			
	St. Rose Hospital					4.8% (6;141)
	Stanford Health Care Tri-Valley		0.0% (0;21)	0.0% (0;25)		4.0% (6;160)
	Washington Hospital – Fremont		0.0% (0;4)	0.0% (0;19)		3.2% (3;146)
	Butte	Enloe Medical Center– Esplanade		0.0% (0;7)	1.7% (1;54)	0.0% (0;3)
Oroville Hospital				0.0% (0;9)		0.0% (0;9)
Contra Costa	John Muir Medical Center – Concord Campus		3.5% (1;25)	2.2% (1;51)		7.3% (15;243) Worse
	John Muir Medical Center – Walnut Creek Campus		0.0% (0;7)	0.0% (0;5)	0.0% (0;11)	7.8% (3;47)
	Kaiser Foundation Hospital – Walnut Creek		0.0% (0;25)	0.0% (0;26)		5.0% (5;204)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Contra Costa (continued)	San Ramon Regional Medical Center			0.0% (0;8)		5.1% (3;67)
	Sutter Delta Medical Center					5.6% (9;212)
Fresno	Clovis Community Medical Center				0.0% (0;5)	5.5% (7;148)
	Community Regional Medical Center – Fresno		0.0% (0;27)	0.0% (0;66)	15.4% (1;10)	4.2% (14;309)
	Kaiser Foundation Hospital – Fresno		0.0% (0;6)	0.0% (0;15)		5.7% (1;26)
	Saint Agnes Medical Center		0.0% (0;4)	0.0% (0;6)	0.0% (0;7)	4.6% (23;386)
Humboldt	Providence St. Joseph Hospital – Eureka		0.0% (0;17)	0.0% (0;47)		5.2% (5;126)
Kern	Adventist Health Bakersfield			2.9% (1;22)		7.2% (19;308) Worse
	Bakersfield Heart Hospital			0.0% (0;10)		7.5% (11;134)
	Bakersfield Memorial Hospital		0.0% (0;26)	4.5% (1;34)		5.8% (15;278)
Kings	Adventist Health Hanford			0.0% (0;4)		
Los Angeles	Adventist Health Glendale		0.0% (0;11)	0.0% (0;21)	22.1% (2;11) Worse	2.9% (11;356)
	Adventist Health White Memorial			0.0% (0;7)		4.9% (8;165)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Los Angeles (continued)	Antelope Valley Hospital			0.0% (0;11)		3.6% (8;211)
	Beverly Hospital			0.0% (0;3)		2.7% (1;41)
	California Hospital Medical Center – Los Angeles				9.0% (1;3)	2.5% (2;61)
	Cedars – Sinai Medical Center	19.2% (1;4)	0.0% (0;45)	2.3% (1;68)	1.5% (1;117)	3.4% (36;802)
	Centinela Hospital Medical Center			0.0% (0;11)		8.0% (6;145)
	City of Hope Helford Clinical Research Hospital				0.0% (0;63)	
	Emanate Health Foothill Presbyterian Hospital				0.0% (0;6)	
	Emanate Health Inter – Community Hospital		0.0% (0;8)	0.0% (0;7)		8.3% (18;294) Worse
	Garfield Medical Center		0.0% (0;10)	9.2% (1;19)	0.0% (0;15)	6.5% (9;140)
	Glendale Memorial Hospital and Health Center		0.0% (0;7)	4.4% (1;7)		1.8% (3;175)
	Henry Mayo Newhall Hospital			0.0% (0;4)		6.0% (8;183)
	Hollywood Presbyterian Medical Center		0.0% (0;3)	0.0% (0;5)		3.8% (4;130)
	Huntington Hospital		0.0% (0;8)	0.0% (0;12)	0.0% (0;34)	3.3% (9;215)
Kaiser Foundation Hospital – Baldwin Park			0.0% (0;18)	0.0% (0;18)	0.0% (0;7)	

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Los Angeles (continued)	Kaiser Foundation Hospital – Downey		12.4% (1;6)	0.0% (0;11)	0.0% (0;15)	
	Kaiser Foundation Hospital – Los Angeles	0.0% (0;5)	0.0% (0;20)	0.0% (0;18)	0.0% (0;50)	5.2% (17;655)
	Kaiser Foundation Hospital – Panorama City			0.0% (0;7)		
	Kaiser Foundation Hospital – South Bay	18.2% (1;3)	0.0% (0;5)	0.0% (0;27)	0.0% (0;11)	
	Kaiser Foundation Hospital – West LA		0.0% (0;4)	0.0% (0;9)	13.8% (2;20)	
	Kaiser Foundation Hospital – Woodland Hills		0.0% (0;11)	0.0% (0;15)		
	Keck Hospital of USC	16.8% (1;3)	0.8% (1;72)	3.0% (1;25)	1.3% (1;90)	4.1% (16;166)
	Lakewood Regional Medical Center	76.6% (1;3)	0.0% (0;3)	0.0% (0;22)		4.9% (11;185)
	Los Angeles County Olive View – UCLA Medical Center		0.0% (0;4)	0.0% (0;4)	0.0% (0;4)	4.2% (3;89)
	Los Angeles County+USC Medical Center		0.0% (0;4)	20.1% (1;6)	2.3% (2;17)	1.3% (3;236) Better
	Los Angeles County/Harbor – UCLA Medical Center		0.0% (0;6)	0.0% (0;3)	6.6% (1;12)	6.6% (19;241)
	MemorialCare Long Beach Medical Center		0.0% (0;16)	0.0% (0;18)	0.0% (0;12)	7.6% (20;222) Worse
	Northridge Hospital Medical Center	0.0% (0;3)		0.0% (0;11)		3.0% (17;388)
PIH Health Good Samaritan Hospital	0.0% (0;4)		0.0% (0;6)		5.0% (12;229)	

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Los Angeles (continued)	PIH Health Hospital – Downey					6.4% (4;104)
	PIH Health Hospital – Whittier		0.0% (0;12)	0.0% (0;18)	3.7% (1;6)	4.7% (13;251)
	Palmdale Regional Medical Center					4.7% (6;148)
	Pomona Valley Hospital Medical Center		0.0% (0;9)	0.0% (0;13)		3.8% (13;268)
	Providence Cedars – Sinai Tarzana Medical Center	0.0% (0;7)	0.0% (0;14)	0.0% (0;32)		3.9% (8;214)
	Providence Holy Cross Medical Center		0.0% (0;22)	0.0% (0;9)	3.8% (1;29)	6.1% (13;254)
	Providence Little Company of Mary Medical Center – Torrance		0.0% (0;3)	0.0% (0;7)	0.0% (0;4)	4.4% (14;298)
	Providence Saint John's Health Center		0.0% (0;7)	0.0% (0;12)	0.0% (0;15)	4.8% (11;165)
	Providence Saint Joseph Medical Center		0.0% (0;7)	0.0% (0;21)	87.8% (1;3)	4.9% (10;271)
	Ronald Reagan UCLA Medical Center		0.0% (0;28)	9.1% (1;19)	0.0% (0;116)	6.0% (23;189)
	Santa Monica – UCLA Medical Center and Orthopedic Hospital					6.4% (6;100)
	Sherman Oaks Hospital					0.0% (0;18)
	Southern California Hospital at Culver City				26.8% (1;7) Worse	3.5% (3;87)
	St. Francis Medical Center				4.5% (3;7)	4.7% (14;223)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Los Angeles (continued)	St. Mary Medical Center – Long Beach			0.0% (0;3)		3.3% (5;107)
	Torrance Memorial Medical Center		0.0% (0;12)	0.0% (0;20)	0.0% (0;13)	4.5% (18;350)
	USC Arcadia Hospital		27.2% (1;6) Worse	0.0% (0;19)	0.0% (0;4)	3.4% (6;149)
	Valley Presbyterian Hospital			0.0% (0;7)	0.0% (0;5)	5.2% (6;142)
	West Hills Hospital and Medical Center					1.3% (2;173) Better
Marin	Kaiser Foundation Hospital – San Rafael					9.1% (2;34)
	MarinHealth Medical Center		0.0% (0;9)	0.0% (0;17)		4.2% (6;168)
Merced	Mercy Medical Center – Merced					0.0% (0;11)
Monterey	Community Hospital of the Monterey Peninsula		0.0% (0;7)	0.0% (0;11)	0.0% (0;8)	4.2% (5;159)
	Salinas Valley Health Medical Center**		0.0% (0;9)	0.0% (0;18)		5.4% (4;144)
Napa	Adventist Health St. Helena		0.0% (0;14)	0.0% (0;17)		4.1% (9;185)
	Providence Queen of the Valley Medical Center			0.0% (0;7)		2.5% (2;107)
Orange	AHMC Anaheim Regional Medical Center		0.0% (0;12)	0.0% (0;20)		0.0% (0;65)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Orange (continued)	Fountain Valley Regional Hospital & Medical Center – Euclid		0.0% (0;5)	0.0% (0;8)	76.0% (2;4) Worse	4.6% (8;144)
	Hoag Memorial Hospital Presbyterian		0.0% (0;14)	0.0% (0;46)	0.0% (0;54)	5.7% (23;376)
	Kaiser Foundation Hospital – Orange County – Anaheim		0.0% (0;38)	0.0% (0;32)	0.0% (0;25)	4.0% (3;134)
	Los Alamitos Medical Center			0.0% (0;23)		4.1% (6;147)
	MemorialCare Orange Coast Medical Center		0.0% (0;17)		2.0% (1;31)	5.2% (13;161)
	MemorialCare Saddleback Medical Center		0.0% (0;19)	0.0% (0;17)	0.0% (0;4)	7.1% (14;212)
	Orange County Global Medical Center					6.3% (10;148)
	Placentia Linda Hospital					6.3% (1;38)
	Providence Mission Hospital		0.0% (0;4)	0.0% (0;13)	7.8% (1;30)	4.9% (13;252)
	Providence Mission Hospital – Laguna Beach			0.0% (0;3)		
	Providence St. Joseph Hospital		0.0% (0;14)	0.0% (0;71)	0.0% (0;10)	3.5% (16;325)
	Providence St. Jude Medical Center		0.0% (0;10)	0.0% (0;14)	0.0% (0;28)	4.2% (13;285)
	UC Irvine Medical Center	23.8% (2;7)	0.0% (0;12)	0.0% (0;22)	3.7% (2;74)	2.7% (3;131)
	West Anaheim Medical Center			0.0% (0;8)		4.2% (4;99)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Placer	Kaiser Foundation Hospital – Roseville	0.0% (0;6)	0.0% (0;54)	0.0% (0;29)		3.8% (6;315)
	Sutter Auburn Faith Hospital		0.0% (0;5)	0.0% (0;4)		
	Sutter Roseville Medical Center	0.0% (0;3)	4.2% (1;19)	0.0% (0;41)	0.0% (0;4)	5.6% (16;322)
Riverside	Corona Regional Medical Center – Main			0.0% (0;8)		4.5% (4;75)
	Desert Regional Medical Center			0.0% (0;11)		6.6% (10;226)
	Eisenhower Medical Center	0.0% (0;5)	0.0% (0;29)	0.0% (0;28)		2.3% (8;397) Better
	Hemet Global Medical Center			0.0% (0;7)		
	John F. Kennedy Memorial Hospital					3.0% (3;96)
	Kaiser Foundation Hospital – Moreno Valley					0.0% (0;18)
	Kaiser Foundation Hospital – Riverside	0.0% (0;4)	0.0% (0;17)	0.0% (0;20)	0.0% (0;37)	0.0% (0;30)
	Loma Linda University Medical Center – Murrieta		0.0% (0;14)	0.0% (0;21)		4.8% (33;635)
	Riverside Community Hospital	0.0% (0;3)	0.0% (0;15)	0.0% (0;34)	4.6% (1;25)	3.4% (22;564)
	Riverside University Health System – Medical Center				9.5% (5;10) Worse	0.0% (0;25)
Southwest Healthcare System – Murrieta		0.0% (0;7)		6.1% (1;27)		

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Riverside (continued)	Temecula Valley Hospital		0.0% (0;3)	0.0% (0;20)		2.5% (8;451)
Sacramento	Kaiser Foundation Hospital – Sacramento			0.0% (0;19)	0.0% (0;36)	
	Kaiser Foundation Hospital – South Sacramento	0.0% (0;4)	0.0% (0;9)			6.0% (15;259)
	Mercy General Hospital		0.0% (0;5)	0.0% (0;13)	0.0% (0;16)	3.4% (20;746)
	Mercy San Juan Medical Center		0.0% (0;27)	0.0% (0;98)		3.6% (18;326)
	Sutter Medical Center – Sacramento	0.0% (0;5)	2.2% (1;59)	0.0% (0;118)	9.7% (2;35)	5.6% (11;316)
	UC Davis Medical Center	0.0% (0;8)	0.0% (0;20)	0.0% (0;9)	0.0% (0;29)	2.0% (8;259) Better
San Bernardino	Arrowhead Regional Medical Center			0.0% (0;7)	0.0% (0;10)	9.0% (2;51)
	Chino Valley Medical Center					0.0% (0;15)
	Desert Valley Hospital					5.1% (16;219)
	Kaiser Foundation Hospital – Fontana	0.0% (0;3)	0.0% (0;19)	0.0% (0;25)		0.7% (1;229) Better
	Loma Linda University Medical Center	18.1% (1;4)	0.0% (0;21)	0.0% (0;26)	0.0% (0;45)	4.6% (31;470)
	Redlands Community Hospital		0.0% (0;9)	0.0% (0;5)		

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
San Bernardino (continued)	San Antonio Regional Hospital		0.0% (0;8)	0.0% (0;17)	0.0% (0;6)	6.9% (17;384)
	St. Bernardine Medical Center		0.0% (0;4)	0.0% (0;6)		3.3% (12;391)
	St. Mary Medical Center – Apple Valley		0.0% (0;7)	0.0% (0;11)		5.4% (12;293)
San Diego	Alvarado Hospital Medical Center					0.0% (0;65)
	Grossmont Hospital		0.0% (0;13)	2.0% (1;45)	14.6% (1;5)	5.3% (16;357)
	Kaiser Foundation Hospital – San Diego – Zion		0.0% (0;36)	0.0% (0;47)	0.0% (0;20)	
	Palomar Medical Center		0.0% (0;10)	0.0% (0;43)		5.6% (14;362)
	Paradise Valley Hospital					3.5% (3;99)
	Scripps Green Hospital		0.0% (0;19)	0.0% (0;19)	0.0% (0;27)	
	Scripps Memorial Hospital – Encinitas		0.0% (0;9)	0.0% (0;12)		3.6% (5;224)
	Scripps Memorial Hospital – La Jolla		0.0% (0;12)	0.0% (0;22)	3.0% (1;3)	4.3% (32;871)
	Scripps Mercy Hospital		0.0% (0;10)	0.0% (0;36)	0.0% (0;11)	2.8% (9;235)
	Sharp Chula Vista Medical Center			0.0% (0;18)	0.0% (0;4)	3.1% (8;281)
Sharp Memorial Hospital		1.9% (1;14)	0.0% (0;19)	0.0% (0;26)	6.3% (21;327)	

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
San Diego (continued)	Tri-City Medical Center		0.0% (0;4)	2.9% (1;34)		3.1% (5;179)
	UC San Diego Health Hillcrest – Hillcrest Medical Center	0.0% (0;6)	0.0% (0;44)	0.0% (0;25)	2.4% (2;92)	1.3% (4;354) Better
San Francisco	California Pacific Medical Center – Van Ness Campus		0.0% (0;11)	0.0% (0;14)	2.4% (3;56)	4.2% (15;265)
	Kaiser Foundation Hospital – San Francisco	0.0% (0;13)	0.0% (0;22)	0.9% (1;46)	0.0% (0;49)	5.4% (14;337)
	Priscilla Chan & Mark Zuckerberg San Francisco General Hospital & Trauma Center			6.2% (1;4)	0.0% (0;4)	5.9% (5;73)
	St. Mary's Medical Center			0.0% (0;16)		5.0% (6;65)
	UC San Francisco Medical Center	0.0% (0;8)	1.7% (1;24)	0.0% (0;32)	1.8% (1;106)	3.1% (14;188)
San Joaquin	Dameron Hospital		0.0% (0;4)	0.0% (0;12)		4.3% (5;90)
	Kaiser Foundation Hospital – Manteca		0.0% (0;11)	0.0% (0;39)		0.0% (0;116)
	San Joaquin General Hospital			0.0% (0;12)	7.0% (1;9)	
	St. Joseph's Medical Center of Stockton	0.0% (0;5)	0.0% (0;19)	0.0% (0;35)		2.7% (15;429) Better
San Luis Obispo	French Hospital Medical Center		0.0% (0;11)	0.0% (0;26)		4.2% (12;230)
	Marian Regional Medical Center – Arroyo Grande			0.0% (0;4)	0.0% (0;3)	

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
San Luis Obispo (continued)	Tenet Health Central Coast Sierra Vista Regional Medical Center		0.0% (0;4)	0.0% (0;16)	0.0% (0;4)	
San Mateo	AHMC Seton Medical Center			0.0% (0;4)		7.9% (20;206) Worse
	Kaiser Foundation Hospital – Redwood City			4.3% (1;21)		17.3% (3;25)
	Mills-Peninsula Medical Center		0.0% (0;13)	0.0% (0;27)	0.0% (0;24)	2.9% (9;269)
	Sequoia Hospital	0.0% (0;4)	0.0% (0;5)	0.0% (0;29)		1.6% (1;64)
Santa Barbara	Marian Regional Medical Center			0.0% (0;19)		5.0% (12;176)
	Santa Barbara Cottage Hospital		0.0% (0;11)	0.0% (0;8)	5.1% (1;24)	2.2% (5;200)
Santa Clara	El Camino Health	0.0% (0;5)	0.0% (0;7)	0.0% (0;25)	0.0% (0;5)	2.0% (3;221)
	Good Samaritan Hospital – San Jose		0.0% (0;5)	0.0% (0;15)	0.0% (0;5)	2.2% (8;243) Better
	Kaiser Foundation Hospital – San Jose		0.0% (0;5)		0.0% (0;42)	3.7% (4;142)
	Kaiser Foundation Hospital – Santa Clara	0.0% (0;3)	0.0% (0;12)	0.0% (0;16)		7.1% (19;398) Worse
	O'Connor Hospital		0.0% (0;6)	0.0% (0;8)	0.0% (0;4)	3.5% (6;188)
	Regional Medical Center of San Jose		0.0% (0;5)	0.0% (0;7)		3.4% (9;171)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Santa Clara (continued)	Santa Clara Valley Medical Center		0.0% (0;7)	0.0% (0;17)		13.0% (8;121) Worse
	Stanford Health Care		1.6% (1;58)	0.0% (0;70)	3.1% (11;183)	3.7% (8;247)
Santa Cruz	Dominican Hospital		0.0% (0;3)	0.0% (0;24)		4.9% (7;191)
Shasta	Mercy Medical Center – Redding		0.0% (0;12)	0.0% (0;17)		5.0% (6;188)
	Shasta Regional Medical Center		15.3% (1;3)	0.0% (0;28)		5.0% (5;128)
Solano	Kaiser Foundation Hospital & Rehab Center – Vallejo	0.0% (0;3)	0.0% (0;10)	0.0% (0;9)		1.7% (1;145)
	NorthBay Medical Center		0.0% (0;7)	0.0% (0;18)		4.0% (12;187)
Sonoma	Kaiser Foundation Hospital – Santa Rosa	0.0% (0;4)	0.0% (0;7)	0.0% (0;16)		
	Providence Santa Rosa Memorial Hospital – Montgomery		0.0% (0;9)	8.4% (1;13)		5.0% (12;224)
	Sutter Santa Rosa Regional Hospital			0.0% (0;3)		3.2% (4;138)
Stanislaus	Doctors Medical Center		0.0% (0;8)	2.0% (2;45)		5.3% (20;350)
	Emanuel Medical Center					3.8% (7;205)
	Memorial Medical Center – Modesto		0.0% (0;10)	0.0% (0;61)	9.1% (2;14)	3.3% (10;316)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.

California Hospital Risk-Adjusted Mortality Rates (RAMR), Total Deaths and Cases, and Quality Ratings for Inpatient Mortality Indicators (Procedures), 2022



County	Hospital Name	Abdominal Aortic Aneurysm Repair (Open, Unruptured)	Abdominal Aortic Aneurysm Repair (Endovascular, Unruptured)	Carotid Endarterectomy	Pancreatic Resection	Percutaneous Coronary Intervention
		NOTE: In each cell, the first line indicates Risk-Adjusted Mortality Rate (RAMR), the second line indicates total deaths; total cases, and the third line indicates any quality rating.				
	STATEWIDE	5.8% (13;224)	0.6% (11;1,696)	0.7% (21;3,161)	2.8% (61;2,148)	4.4% (1,496;34,340)
Tulare	Kaweah Health Medical Center		0.0% (0;16)	0.0% (0;30)		5.4% (18;321)
	Sierra View Medical Center					0.0% (0;50)
Ventura	Adventist Health Simi Valley					6.0% (7;149)
	Community Memorial Hospital – San Buenaventura		0.0% (0;18)	0.0% (0;32)		5.7% (15;254)
	Los Robles Hospital & Medical Center		0.0% (0;7)	0.0% (0;9)	3.5% (1;11)	6.9% (12;230)
	St. John's Regional Medical Center		0.0% (0;3)	0.0% (0;16)		2.9% (8;193)
	Ventura County Medical Center				0.0% (0;10)	
Yuba	Adventist Health and Rideout	0.0% (0;3)	0.0% (0;8)	0.0% (0;23)		4.3% (7;146)

Source: Agency for Healthcare Research and Quality (AHRQ) Quality Indicators and SAS, Version 2023, and HCAI hospital patient discharge data, 2022. See Technical Note for details about methodology.

**Hospital name changed from 2021 to 2022, see Technical Note for details.

Note: Blank cells indicate that fewer than three procedures were performed.

Definition of Terms: Risk Adjustment: The Risk Adjusted Mortality Rates (RAMR) presented here adjust the observed mortality rates. This statistical methodology takes into account pre-existing health problems that put some patients at greater risk of death to 'level the playing field' and allow fair comparisons across hospitals. Total Deaths: number of patients that died in this hospital. Total Cases: number of patients undergoing this procedure in this hospital.

Quality Ratings are risk-adjusted using age, gender, APR-DRG base category, and APR-DRG risk of mortality scores. Significantly better or significantly worse than the statewide rate are noted when upper 95% confidence level of the RAMR falls below the statewide rate ('Better') or lower 95% confidence level of the RAMR is higher than the statewide rate ('Worse'). Cells with no quality ratings indicate a hospital's performance is considered 'not significantly different' from the statewide average.