

CareChex Quality Reporting System - State Ratings  
Hospital Quality Ratings 2018

		Overall Hospital	Overall Medical Care	Overall Surgical Care	Gastrointestinal		Cancer Care	Trauma Care	Treatment		Pneumonia Care
					Care	Hemorrhage			Heart Attack	Heart Failure	
<b>Local</b>	Blessing	✓+	✓+	✓	✓	✓	✓	✓+	✓	✓+	✓
	Hannibal	✓-	✓	✓	✓	✓	✓+	N/A	✓	✓-	✓-
<b>Columbia, MO</b>	Boone	✓++	✓++	✓++	✓++	✓++	✓-	✓	✓	✓+	✓++
	University of Missouri	✓--	✓	✓--	✓--	✓	✓-	✓	✓+	✓	✓++
<b>Decatur, IL</b>	Memorial	✓	✓	✓	✓	✓	✓+	✓	✓-	✓	✓
<b>Iowa City, IA</b>	Mercy	✓++	✓+	✓++	✓++	✓	✓-	N/A	✓+	✓+	✓++
	University of Iowa Hospitals/Clinics	✓--	✓	✓--	✓-	✓+	✓+	✓	✓	✓	✓
<b>Peoria, IL</b>	Methodist	✓	✓	✓	✓	✓	✓	✓+	✓	✓	✓+
	St. Francis	✓	✓+	✓	✓	✓	✓-	✓+	✓+	✓-	✓
<b>Springfield, IL</b>	Memorial	✓	✓+	✓-	✓-	✓+	✓	✓--	✓++	✓-	✓
	St. Johns	✓--	✓	✓--	✓--	✓-	✓	✓+	✓	✓	✓
<b>St. Louis, MO Area</b>											
<b>SSM Hospitals:</b>											
	DePaul-Bridgeton	✓	✓	✓	✓+	✓	✓	✓	✓	✓++	✓
	St. Clare - Fenton	✓+	✓+	✓	✓+	✓	✓+	✓-	✓++	✓	✓++
	St. Joseph - Lake St. Louis	✓++	✓++	✓++	✓++	✓+	✓++	N/A	✓+	✓++	✓++
	St. Joseph W. - St. Charles	✓	✓	✓	✓	✓-	✓-	✓--	✓+	✓--	✓
	St. Mary's - Richmond Heights	✓	✓+	✓-	✓-	✓	✓+	✓+	✓	✓+	✓++
	St. Louis University, St. Louis	✓--	✓--	✓--	✓--	✓--	✓	✓	✓--	✓-	✓
<b>BJC Hospitals:</b>											
	Barnes Jewish-St. Louis	✓--	✓-	✓	✓	✓-	✓+	✓	✓--	✓--	✓++
	Barnes Jewish - St. Peters	✓+	✓	✓	✓	✓+	✓	N/A	✓	✓+	✓-
	Barnes Jewish W Co - Creve Coeur	✓+	✓-	✓	✓	✓	✓++	N/A	N/A	✓	✓
	Christian NE - St. Louis	✓-	✓	✓-	✓	✓-	✓	N/A	✓	✓	✓
	Missouri Baptist - St. Louis	✓	✓+	✓	✓+	✓-	✓	✓	✓	✓	✓
<b>Other Hospitals:</b>											
	Mercy - St. Louis	✓+	✓	✓+	✓++	✓++	✓++	✓-	✓	✓	✓
	St. Anthony's - St. Louis	✓-	✓	✓-	✓	✓	✓-	✓++	✓-	✓-	✓
	St. Luke's - Chesterfield	✓	✓	✓	✓+	✓+	✓	✓--	✓+	✓+	✓

Carechex.com includes both State/National Ratings, depending on the search criteria used.

Highest	High	Average	Low	Lowest	No Data
✓++	✓+	✓	✓-	✓--	N/A

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		COPD	Pulmonary Care	Cardiac		Coronary Bypass	Interventional		Stroke Care	Orthopedic	
				Care	Surgery (Major)		Carotid Care	Coronary Care		Care	Surgery
<b>Local</b>	Blessing	✓	✓	✓+	✓	✓	N/A	✓+	✓--	✓-	✓
	Hannibal	✓-	✓-	✓	N/A	N/A	N/A	✓+	✓	✓-	✓
<b>Columbia, MO</b>	Boone	✓+	✓++	✓	✓+	✓+	N/A	✓-	✓	✓+	✓+
	University of Missouri	✓	✓+	✓-	✓	✓+	✓-	✓	✓--	✓--	✓--
<b>Decatur, IL</b>	Memori	✓-	✓-	✓	✓--	✓--	N/A	✓+	✓	✓	✓
<b>Iowa City, IA</b>	Mercy	✓	✓++	✓+	✓+	✓+	N/A	✓	✓+	✓+	✓+
	University of Iowa Hospitals/Clinics	✓++	✓	✓-	✓	✓	N/A	✓-	✓--	✓	✓
<b>Peoria, IL</b>	Methodist	✓+	✓+	✓+	✓	✓	✓+	✓++	✓	✓	✓++
	St. Francis	✓++	✓++	✓-	✓	✓+	✓	✓	✓	✓+	✓
<b>Springfield, IL</b>	Memoria	✓	✓	✓	✓-	✓-	N/A	✓	✓	✓	✓
	St. Johns	✓	✓++	✓	✓--	✓--	✓	✓	✓+	✓--	✓
<b>St. Louis, MO Area</b>											
<b>SSM Hospitals:</b>											
	DePaul-Bridgeton	✓++	✓	✓	✓-	✓	✓+	✓	✓	✓+	✓
	St. Clare - Fenton	✓++	✓+	✓++	✓+	✓	✓-	✓	✓	✓	✓+
	St. Joseph - Lake St. Louis	✓	✓+	✓++	N/A	N/A	N/A	✓++	✓++	✓++	✓
	St. Joseph W. - St. Charles	✓	✓	✓	✓++	✓+	N/A	✓-	✓--	✓-	✓
	St. Mary's - Richmond Heights	✓	✓+	✓++	✓	✓-	N/A	✓+	✓	✓--	✓--
	St. Louis University, St. Louis	✓-	✓	✓--	✓--	✓-	✓--	✓-	✓--	✓--	✓
<b>BJC Hospitals:</b>											
	Barnes Jewish-St. Lou	✓++	✓	✓--	✓	✓--	✓+	✓-	✓-	✓	✓++
	Barnes Jewish - St. Peters	✓-	✓-	✓++	N/A	N/A	N/A	✓+	✓++	✓	✓--
	Barnes Jewish W Co - Creve Coeur	✓	✓	✓	N/A	N/A	N/A	N/A	✓	✓+	✓+
	Christian NE - St. Louis	✓++	✓+	✓+	✓	✓--	N/A	✓+	✓-	✓	✓--
	Missouri Baptist - St. Louis	✓	✓	✓	✓	✓	N/A	✓+	✓--	✓+	✓
<b>Other Hospitals:</b>											
	Mercy - St. Louis	✓-	✓+	✓	✓--	✓-	✓	✓	✓--	✓	✓
	St. Anthony's - St. Louis	✓+	✓	✓-	✓	✓-	N/A	✓--	✓	✓	✓--
	St. Luke's - Chesterfield	✓	✓	✓+	✓+	✓	N/A	✓	✓	✓	✓+

Carechex.com includes both State/National Ratings, depending on the search criteria used.

Highest	High	Average	Low	Lowest	No Data
✓++	✓+	✓	✓-	✓--	N/A

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		Hip Fracture Repair	Joint Replacement	Neurological		Surgery		Major Bowel Procedures	Spinal Surgery	Spinal Fusion	Vascular Surgery	Womens Health
				Care	Major Surgery	General	Gall Bladder					
<b>Local</b>	Blessin	✓+	✓	✓-	✓	✓	✓-	✓	✓	✓	✓+	✓-
	Hannibal	✓--	✓+	✓-	N/A	✓+	✓-	✓++	✓--	✓--	✓--	✓++
<b>Columbia, MO</b>	Boone	✓	✓+	✓	✓	✓++	✓--	✓+	✓+	✓+	✓	✓--
	University of Missouri	✓++	✓-	✓--	✓	✓--	✓	✓--	✓--	✓--	✓--	✓-
<b>Decatur, IL</b>	Memori	✓	✓	✓	✓	✓-	✓--	✓	✓++	✓++	✓	✓++
<b>Iowa City, IA</b>	Mercy	✓	✓+	✓++	N/A	✓+	✓++	✓+	✓++	✓++	✓+	✓
	University of Iowa Hospitals/Clinics	✓+	✓+	✓	N/A	✓	✓+	✓	✓-	✓-	✓-	✓-
<b>Peoria, IL</b>	Methodist	✓-	✓++	✓	✓+	✓	✓+	✓	✓+	✓	✓	✓--
	St. Francis	✓	✓+	✓+	✓	✓--	✓-	✓	✓-	✓-	✓+	✓
<b>Springfield, IL</b>	Memoria	✓+	✓+	✓	✓-	✓-	✓-	✓-	✓+	✓	✓	✓
	St. Johns	✓++	✓+	✓++	✓	✓-	✓	✓--	✓	✓	✓	✓--
<b>St. Louis, MO Area</b>												
<b>SSM Hospitals:</b>												
	DePaul-Bridgeton	✓+	✓	✓+	✓+	✓++	✓	✓+	✓+	✓	✓	✓
	St. Clare - Fenton	✓++	✓++	✓	✓+	✓+	✓	✓	✓	✓	✓	✓
	St. Joseph - Lake St. Louis	✓	✓+	✓	N/A	✓++	✓++	✓	✓-	✓	N/A	✓
	St. Joseph W. - St. Charles	✓	✓	✓--	✓	✓+	✓+	✓+	✓	✓-	✓	✓
	St. Mary's - Richmond Heights	✓	✓-	✓+	✓	✓-	✓	✓	✓	✓	✓	✓--
	St. Louis University, St. Louis	✓	✓	✓--	✓-	✓--	✓--	✓--	✓-	✓-	✓	✓
<b>BJC Hospitals:</b>												
	Barnes Jewish-St. Lou	✓++	✓++	✓	✓	✓	✓+	✓	✓--	✓-	✓-	✓
	Barnes Jewish - St. Peters	✓	✓-	✓	N/A	✓	✓+	✓	✓--	✓--	N/A	✓
	Barnes Jewish W Co - Creve Coeur	N/A	✓++	✓	N/A	✓	N/A	✓	✓	✓-	N/A	✓
	Christian NE - St. Louis	✓-	✓--	✓	N/A	✓	✓	✓--	✓-	✓-	✓--	✓+
	Missouri Baptist - St. Louis	✓	✓	✓	✓+	✓	✓+	✓	✓	✓	✓	✓
<b>Other Hospitals:</b>												
	Mercy - St. Louis	✓--	✓	✓	✓	✓++	✓	✓++	✓++	✓+	✓	✓++
	St. Anthony's - St. Louis	✓+	✓--	✓--	✓	✓-	✓--	✓+	✓-	✓	✓+	✓
	St. Luke's - Chesterfield	✓	✓	✓-	✓	✓	✓	✓	✓++	✓++	✓	✓-

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Highest	High	Average	Low	Lowest	No Data
✓++	✓+	✓	✓-	✓--	N/A



## Medical Excellence Award

Medical Excellence: This award is an overall measure of quality for the hospital or health system and encompasses performance across risk-adjusted mortality rates, risk-adjusted complication rates, AHRQ inpatient quality indicators (IQIs), and AHRQ patient safety indicators (PSIs).

## The Most Comprehensive Resource for Rating Hospital Quality and Patient Safety

CareChex is an information service of Quantros, Inc. CareChex provides clinical, financial, and patient satisfaction findings to consumers, providers, and purchasers of U.S. medical care. Unlike other publicly available quality ratings, CareChex provides a comprehensive evaluation of inpatient hospital quality performance using a variety of outcomes of care measures, expressed as a composite quality score (CQS).

### What does Quality in health care mean?

Quality healthcare is easily defined as doing the right thing (getting the healthcare services you need), at the right time (when you need it), in the right way (using the appropriate test or procedure), to achieve the best possible results.

### What is so important about hospital quality?

Higher quality of care speeds up your recovery and decreases the chances of negative outcomes like medication errors and hospital acquired infections which impact the total cost of care.

### Can I ask about quality?

**YES!** Using resources like **www.CareChex.com** can help. Your health is your most important asset. You should know which hospitals provide the highest quality and use that information in making your choices.

### Why use CareChex vs. word-of-mouth or hospital advertising?

Many highly publicized and promoted quality reports are based on the hospital's own self-reported information, which may not be clinically based or valid. The data that is collected and presented at the **www.CareChex.com** website is done by an independent company. CareChex is not in any way affiliated with a hospital or doctors.

### National Quality Rating Database

Quantros' National Quality Rating Database (NQRD) includes virtually all general, acute, non-federal U.S. hospitals. The database incorporates ten (10) quarters of Medicare Fee for Service (FFS) claims data (January 2014 to June 2016) which runs approximately one (1) year behind the current calendar year. The NQRD includes information from the following publicly available datasets:

CMS Medicare Fee for Service claims data which provides the following outcome measures:

- Actual Mortality Rate
- Actual Complications Rate
- Actual Inpatient Quality Indicator (IQI) Mortality Rate
- Actual Patient Safety Indicator (PSI) Rate
- Actual All-Site Readmissions Rate

Relying on data from CMS Medicare claims, Quantros applied five (5) separate regression models, which resulted in the addition of the following NQRD value-added data elements:

- Expected Mortality Rate
- Expected Complications Rate
- Expected PSI Rate
- Expected All-Site Readmissions Rate
- Expected IQI Mortality Rate
- Risk-Adjusted Mortality Index™ (RAMI™)
- Risk-Adjusted Complications Index™ (RACI™)
- Risk-Adjusted All-Site Readmissions Index™ (RARI™)
- Risk-Adjusted PSI Index™ (RAPSI™)
- Global Risk-Adjusted PSI Index™ (G-RAPSI™)
- Risk-Adjusted IQI Mortality Index™ (RIMI™)

Centers for Medicare and Medicaid Services (CMS) Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Database which provides patient satisfaction measures on:

- Overall Hospital Rating
- Doctor Communication
- Nurse Communication
- Staff Responsiveness
- Medication Explanation
- Pain Control
- Hospital Environment (Quietness & Cleanliness)
- Post-Discharge Information
- Care Transition

Lastly, the NQRD provides state and national percentiles of performance for each quality measure using a z-value for determining the measure's level of statistical significance and then calculating a standard score (z-score) to convert all data to a standard normal distribution.

