

IBM Watson Health Announces 100 Top Hospitals

Formerly the Truven Health Analytics 100 Top Hospitals, 2018 Study Finds Top U.S. Hospitals Improve Outcomes at Lower Cost and Higher Profit Margins than Peers

ANN ARBOR, Mich., March 5, 2018 /PRNewswire/ -- IBM Watson Health™ (NYSE:[IBM](#)) today published its 100 Top Hospitals® annual study identifying top-performing hospitals in the U.S. based on overall organizational performance. Formerly known as the Truven Health Analytics® 100 Top Hospitals, this study spotlights the best-performing hospitals in the U.S. based on a balanced scorecard of publicly available clinical, operational, and patient satisfaction metrics and data. It has been conducted annually since 1993.

Overall, the Watson Health 100 Top Hospitals® study found that the top-performing hospitals in the country achieved better risk-adjusted outcomes while maintaining both a lower average cost per beneficiary and higher profit margin than non-winning peer group hospitals.

Following were the key performance measures on which 100 Top Hospitals showed the most significant outperformance versus non-winning peer group hospitals:

- **Better Survival Rates:** Overall, 100 Top Hospitals winners achieved survival rates that were 26 percentage points better than those of peer hospitals.
- **Fewer Complications and Infections:** Patients at winning hospitals experienced 13.4 percent fewer complications and 18.7 percent fewer healthcare-associated infections than peer group hospitals.
- **Shorter Length of Stay:** Winning hospitals had a median severity-adjusted length of stay that was nearly one half-day shorter (0.4) than peers.
- **Shorter Emergency Department Wait Times:** Overall, winning hospitals delivered median emergency department wait times that were 17 minutes shorter than those of peer group hospitals.
- **Lower Inpatient Expenses:** Average inpatient costs per discharge were 7 percent lower (a difference of \$460 per discharge) at 100 Top Hospitals versus peer group hospitals.
- **Higher Profit Overall Margins:** Winning hospitals maintained a median operating profit margin that was 10.6 percentage points higher than peer group hospitals.
- **Higher Patient Satisfaction:** Overall hospital experience, as measured by the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS), was rated 3.4 percent higher for winning hospitals than peer group hospitals.

"The country's best hospitals have proven that an unrelenting focus on quality, supported by constant measurement against peer performance benchmarks, can drive improved outcomes while reducing costs and growing profit margins," said Jean Chenoweth, senior vice president, 100 Top Hospitals Programs, IBM Watson Health. "Congratulations to this 25th anniversary class of 100 Top Hospitals who have helped raise the bar for healthcare in the U.S. and improve the healthcare experiences of the people in their communities."

The IBM Watson Health 100 Top Hospitals winners outperformed peer group hospitals on all 11 clinical and operational performance benchmarks evaluated in the study: risk-adjusted inpatient mortality index, risk-adjusted complications index, mean healthcare-associated infection index, mean 30-day risk-adjusted mortality rate, mean 30-day risk-adjusted readmission rate, severity-adjusted length of stay, mean emergency department throughput, case mix- and wage-adjusted inpatient expense per discharge, Medicare spend per beneficiary index, adjusted operating profit margin, and HCAHPS score.

Extrapolating the results of this year's study, if all Medicare inpatients received the same level of care as those treated in the award-winning facilities:

- More than 102,000 additional lives could be saved;
- More than 43,000 additional patients could be complication-free;
- More than \$4.4 billion in inpatient costs could be saved; and
- Approximately 200,000 fewer discharged patients would be readmitted within 30 days.

In addition to the 100 Top Hospitals, the IBM Watson Health study also recognizes the 100 Top Hospitals Everest Award winners. These are hospitals that earned the 100 Top Hospitals designation and also are among the 100 top for rate of improvement over five years. This year, there are 13 Everest Award winners.

To conduct the 100 Top Hospitals study, IBM Watson Health researchers evaluated 2,740 short-term, acute care, non-federal hospitals. All research was based on the following public data sets: Medicare cost reports, Medicare Provider Analysis and Review (MEDPAR) data, and core measures and patient satisfaction data from the Centers for Medicare & Medicaid Services (CMS) Hospital Compare website. Hospitals do not apply for awards, and winners do not pay to market this honor.

For more information, visit www.100tophospitals.com.

Here are the winning hospitals, by category, with asterisks indicating the Everest Award winners:

Major Teaching Hospitals

Advocate Illinois Masonic Medical Center – Chicago, IL
 Banner - University Medical Center Phoenix – Phoenix, AZ
 Banner - University Medical Center South – Tucson, AZ*
 Cedars-Sinai Medical Center – Los Angeles, CA
 Mount Sinai Medical Center – Miami Beach, FL
 NorthShore University HealthSystem – Evanston, IL
 Northwestern Memorial Hospital – Chicago, IL
 Ochsner Medical Center – New Orleans, LA
 OhioHealth Doctors Hospital – Columbus, OH
 Penn State Milton S. Hershey Medical Center – Hershey, PA
 Providence-Providence Park Hospital – Southfield, MI
 SSM Health St. Mary's Hospital - St. Louis – St. Louis, MO
 St. Luke's University Hospital - Bethlehem – Bethlehem, PA
 UCHealth University of Colorado Hospital – Aurora, CO
 University of Wisconsin Hospital and Clinics – Madison, WI

Teaching Hospitals

Aspirus Wausau Hospital – Wausau, WI
 Beaumont Hospital - Grosse Pointe – Grosse Pointe, MI*
 Bethesda North Hospital – Cincinnati, OH
 Bryn Mawr Hospital – Bryn Mawr, PA
 BSA Health System – Amarillo, TX*
 Good Samaritan Hospital – Cincinnati, OH
 Kettering Medical Center – Kettering, OH
 Mayo Clinic Hospital – Jacksonville, FL
 Mercy Hospital St. Louis – St. Louis, MO
 Miami Valley Hospital – Dayton, OH
 Mount Carmel St. Ann's – Westerville, OH*
 PIH Health Hospital – Whittier – Whittier, CA

Riverside Medical Center – Kankakee, IL
Rose Medical Center – Denver, CO
Sentara Leigh Hospital – Norfolk, VA*
Sky Ridge Medical Center – Lone Tree, CO
SSM Health St. Mary's Hospital – Madison – Madison, WI
St. Luke's Boise Medical Center – Boise, ID
St. Luke's Hospital – Cedar Rapids, IA
Sycamore Medical Center – Miamisburg, OH
The Christ Hospital Health Network – Cincinnati, OH
The Jewish Hospital - Mercy Health – Cincinnati, OH
Cone Health – Greensboro, NC*
UCHealth Poudre Valley Hospital – Fort Collins, CO
United Regional Health Care System – Wichita Falls, TX

Large Community Hospitals

Advocate Condell Medical Center – Libertyville, IL
Advocate Sherman Hospital – Elgin, IL*
Asante Rogue Regional Medical Center – Medford, OR
Butler Memorial Hospital – Butler, PA*
CaroMont Regional Medical Center – Gastonia, NC
Edward Hospital – Naperville, IL
Hoag Hospital Newport Beach – Newport Beach, CA
Mease Countryside Hospital – Safety Harbor, FL
Memorial Hermann Memorial City Medical Center – Houston, TX
Mercy Health - St. Rita's Medical Center – Lima, OH*
Mercy Hospital Oklahoma City – Oklahoma City, OK*
Northwestern Medicine Central DuPage Hospital – Winfield, IL
Rio Grande Regional Hospital – McAllen, TX
Scripps Memorial Hospital La Jolla – La Jolla, CA
Shawnee Mission Medical Center – Shawnee Mission, KS
St. Clair Hospital – Pittsburgh, PA
St. David's Medical Center – Austin, TX
St. Francis Downtown – Greenville, SC
St. Joseph's Hospital – Tampa, FL*
St. Vincent Evansville – Evansville, IN

Medium Community Hospitals

Baylor Scott & White Medical Center - Round Rock – Round Rock, TX
Blanchard Valley Hospital – Findlay, OH
Bon Secours St. Francis Hospital – Charleston, SC
Chester County Hospital – West Chester, PA
Cleveland Clinic Florida – Weston, FL
Indiana University Health North Hospital – Carmel, IN
Kalispell Regional Medical Center – Kalispell, MT
Logan Regional Hospital – Logan, UT
Mercy Health - Clermont Hospital – Batavia, OH
Mercy Medical Center – Cedar Rapids, IA

Montclair Hospital Medical Center – Montclair, CA
Ochsner Medical Center - Baton Rouge – Baton Rouge, LA
OhioHealth Dublin Methodist Hospital – Dublin, OH
Saint Alphonsus Medical Center – Nampa – Nampa, ID
Sentara Williamsburg Regional Medical Center – Williamsburg, VA
Sherman Oaks Hospital – Sherman Oaks, CA
Texas Health Harris Methodist Hospital Southwest Fort Worth – Fort Worth, TX
UCHealth Medical Center of the Rockies – Loveland, CO
West Valley Medical Center – Caldwell, ID
Wooster Community Hospital – Wooster, OH

Small Community Hospitals

Cedar City Hospital – Cedar City, UT
East Liverpool City Hospital – East Liverpool, OH*
Florida Hospital Wesley Chapel – Wesley Chapel, FL
Hawkins County Memorial Hospital – Rogersville, TN
Hill Country Memorial Hospital – Fredericksburg, TX
HonorHealth Scottsdale Thompson Peak Medical Center – Scottsdale, AZ
Lakeview Hospital – Bountiful, UT
Lakeview Hospital – Stillwater, MN
Lakeview Medical Center – Rice Lake, WI
Pampa Regional Medical Center – Pampa, TX
Parkview Huntington Hospital – Huntington, IN
Parkview Noble Hospital – Kendallville, IN
Saint Luke's South Hospital – Overland Park, KS
Spectrum Health United Hospital – Greenville, MI
Spectrum Health Zeeland Community Hospital – Zeeland, MI*
Springhill Medical Center – Springhill, LA
St. Anthony Summit Medical Center – Frisco, CO
St. John Owasso Hospital – Owasso, OK
St. Vincent Fishers Hospital – Fishers, IN
Stillwater Medical Center – Stillwater, OK

About the IBM Watson Health 100 Top Hospitals® Program

The IBM Watson Health 100 Top Hospitals, formerly the Truven Health Analytics 100 Top Hospitals, program uses independent and objective research to analyze hospital and health system performance. Organizations do not apply or pay for this honor or pay to promote their award. Award-winning hospitals and health systems prove that better care is possible and provide an example for other organizations to follow across the industry. The 100 Top Hospitals award winners demonstrate top performance on both how patients are cared for under clinical measures and how the hospital performs as an efficient business. 100 Top Hospitals is a registered trademark of Truven Health Analytics, part of the IBM Watson Health business. Visit 100tophospitals.com for more information.

About IBM Watson Health

Watson Health is a business unit of IBM that is dedicated to the development and implementation of cognitive and data-driven technologies to advance health. Watson Health technologies are tackling a wide range of the world's biggest healthcare challenges including cancer, diabetes, drug discovery and more. Learn more at ibm.com/watson/health.

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