

METHODOLOGY

World's Best Smart Hospitals **2027**

statista  **Newsweek**



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**WORLD'S
BEST SMART
HOSPITALS**
2027

Newsweek

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statista 

Methodology – World's Best Smart Hospitals 2027

Summary of the project

- Smart hospitals leverage state-of-the-art technology to fundamentally rethink how care is delivered within the health system. Leveraging these advanced technologies can not only enhance care delivery outcomes and efficiencies within the hospital but also support broader health goals related to prevention, population health, and quality of life outcomes.
- To enhance transparency around hospitals' efforts to implement digital health technologies worldwide, Statista and Newsweek have partnered once again to recognize **the 410 leading World's Best Smart Hospitals**. This year's ranking features hospitals from 33 countries and highlights standout categories in specific areas of digital innovation.
- The ranking is based on **3 data sources**:
 1. [International online survey](#)
 2. [Statista Smart Hospitals Digital Maturity Survey \(SSHDMS\)](#)
 3. [National & international digital healthcare-related accreditations](#)
- Desk research was performed for every nominated hospital as a validation of their technical innovations and leadership role in the field of smart hospitals.

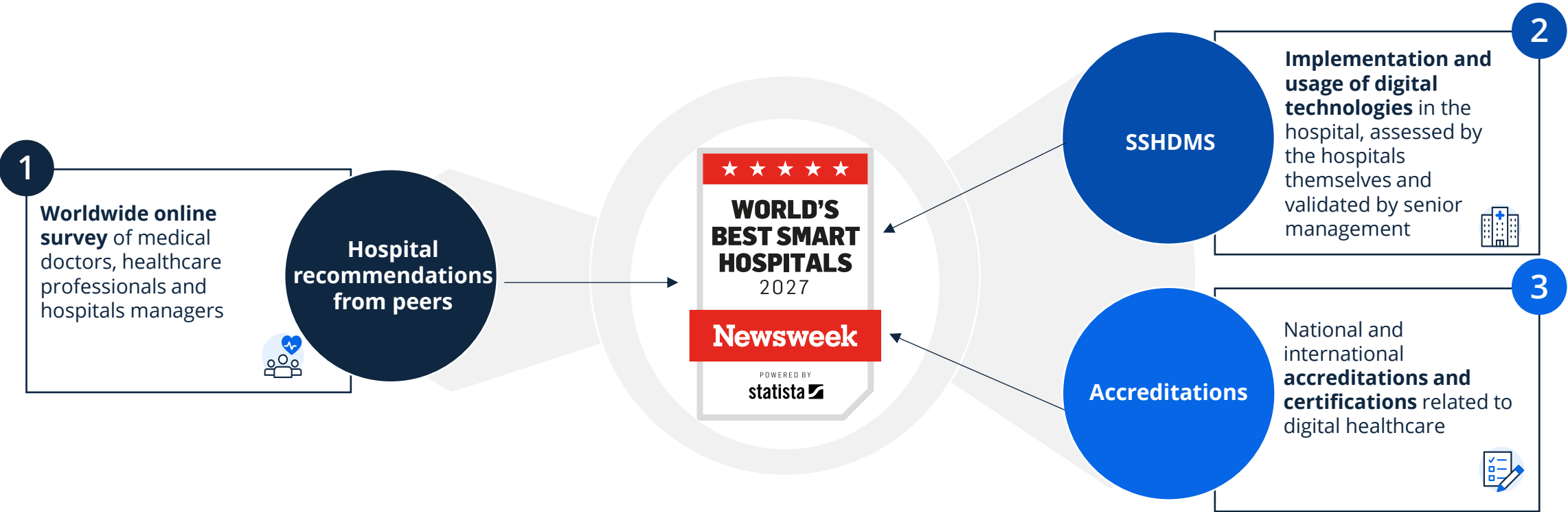
New features and changes in the 2027 edition

Overview of key methodological updates

- The following list provides a brief overview of all **major updates in this year's edition** compared to the 2026 ranking:
 - **Updated Statista Smart Hospitals Digital Maturity Survey (SSHDMS):** The survey, methodology, grading scale, and ribbons were revised this year to enhance how smart hospital digital maturity is evaluated.
 - **Increased Statista Smart Hospitals Digital Maturity Survey weighting:** This year the weighting of the SSHDMS pillar was increased from 20% to 30% within the scoring model to reflect the emphasis on data submitted to Statista on the implementation and usage of smart hospital technologies.
 - **Replacement of JCI Accreditation by digital healthcare-related accreditations:** National and international accreditations related to digital healthcare were included.
 - **Adjusted standout categories:** The standout categories were refined to better align with the structure and categories of the SSHDMS. The updated focus areas include Patient Support Technologies, Robotics & Automation, and Telemedicine & Remote Care.
 - **Introduction of the *Leader in AI Innovation Distinction*:** A new distinction was introduced to recognize hospitals demonstrating both leading AI capabilities and a high level of AI maturity. Eligibility is based on performance in the AI Standout Pillar and the AI Maturity Pillar.

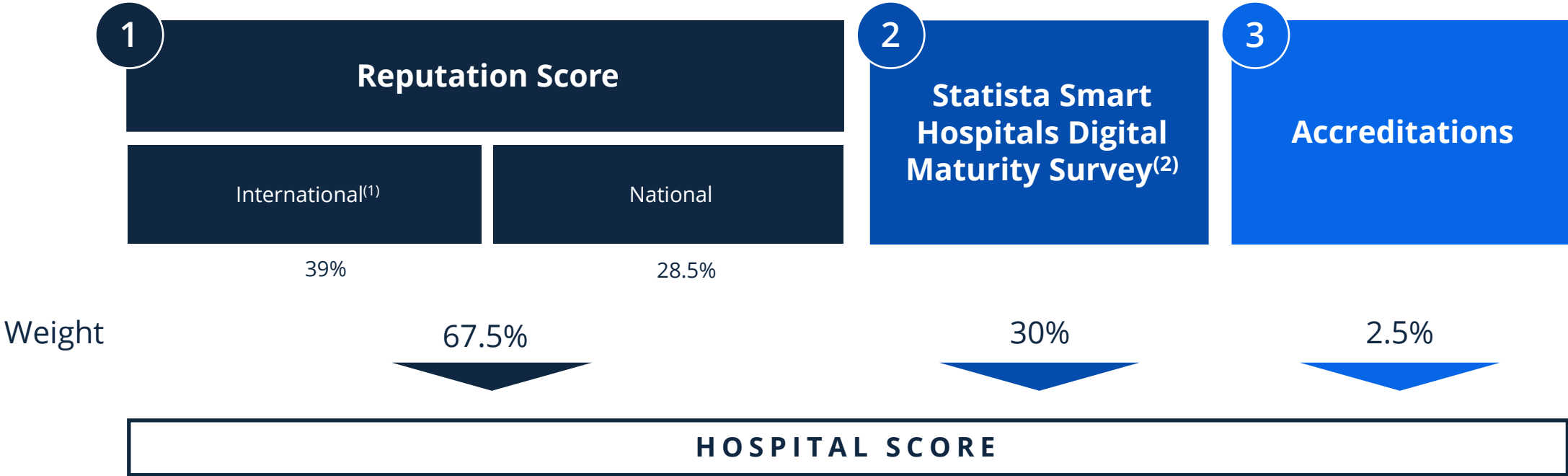
Hospital evaluation is based on three pillars: Peer recommendations, the level of smart hospital maturity, and digital healthcare-related accreditations

Data sources



A score was calculated for each hospital

Scoring model



5 | (1) International recommendations were weighted higher than national recommendations, reinforcing the international focus of this ranking
(2) Optional score only factored in upon voluntary submission of the Statista Smart Hospitals Digital Maturity Survey. For hospitals that did not participate, a standardized score was applied for the SSHDMS pillar in the overall evaluation.

Thousands of medical experts with expertise about smart hospitals were invited to the survey

1 Hospital recommendations from peers

From May to June 2026, Statista invited over 10,000 medical professionals (mostly doctors, but also hospital managers and other healthcare professionals) to an online survey.



International online survey among healthcare professionals. Participants were invited via email to an online survey. The survey was also promoted on [newsweek.com](https://www.newsweek.com).



Participants were asked to **recommend notable smart hospitals** and could name a **standout category**:
Artificial Intelligence, Patient Support Technologies, Robotics & Automation, Telemedicine & Remote Care.
Recommendations for their own employer / hospital were not allowed.



A **reputation score** was assigned to each hospital based on the number of **weighted recommendations**. Recommendations from two previous survey editions were incorporated, with more recent data given higher weights. International recommendations were weighted higher than national ones. Additionally, the participant's **professional experience** was considered.

THE REPUTATION SURVEY CONSTITUTES 67.5% OF THE TOTAL SCORE

The Statista Smart Hospitals Digital Maturity Survey enables hospitals to submit data on the usage of smart technologies directly to Statista

Statista Smart Hospitals Digital Maturity Survey – Part 1

2 Statista Smart Hospitals Digital Maturity Survey

Hospitals were invited to participate in the **Statista Smart Hospitals Digital Maturity Survey** to **assess the implementation and usage of smart technologies in the hospital** from April to July 2026.

As no globally standardized set of Smart Hospital KPIs currently exists, the SSHDMS was developed to provide a structured and comparable assessment of hospitals' digital maturity and their implementation of smart technologies.

The questionnaire⁽¹⁾ is structured around **7 topics** (see next slide) and was designed with the guidance of Statista's global board of medical experts. An overview of the current board members can be found on slide 11.

This year, the survey was updated to more comprehensively assess the implementation and usage of smart technologies across several domains and now requires more extensive proof documentation⁽²⁾.

A grading system⁽³⁾ assigning specific weights to all survey questions is used to determine the SSHDMS score for each participating hospital.

Additionally, each participating hospital is assigned a rating of 1–5 ribbons⁽³⁾ for its implementation of smart technologies, which is displayed in the published list.

Future survey cycles will be announced on rankings.statista.com and newsweek.com, as well as sent via e-mail to registered participants. Registrations can be submitted to: smarthospitals@statista-research.com or [here](#).

7 (1) For an overview of the specific questions, a PDF version of the Statista Smart Hospitals Digital Maturity Survey can be accessed [here](#).

(2) Please note that the survey methodology underwent substantial revision this survey cycle, including stricter proof requirements and a transition from a 3-ribbon to a 5-ribbon scoring scale. As a result, ribbon allocations may differ from previous years even in cases where hospitals have maintained comparable levels of digital maturity. Please see the *World's Best Smart Hospitals 2027* extended methodology for further information.

(3) A detailed breakdown of the Statista Smart Hospitals Digital Maturity Survey methodology, including scoring model, weighting, and ribbon assignment is available in the *World's Best Smart Hospitals 2027* extended methodology.

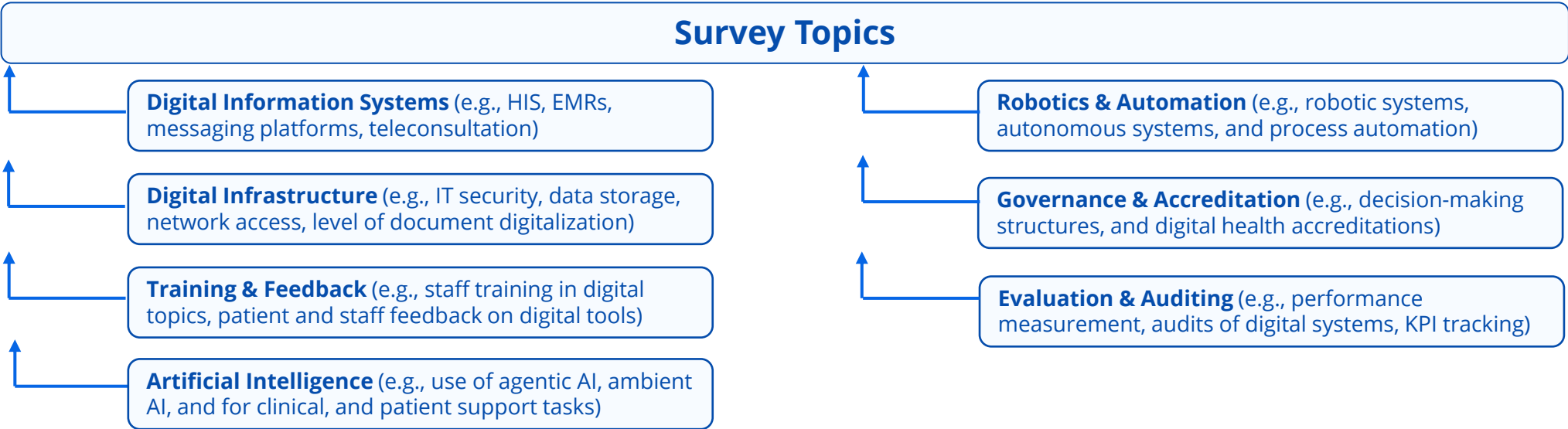
The Statista Smart Hospitals Digital Maturity Survey enables hospitals to submit data on the usage of smart technologies directly to Statista

Statista Smart Hospitals Digital Maturity Survey – Part 2

2



Statista Smart Hospitals Digital Maturity Survey



THE MATURITY SURVEY CONSTITUTES 30% OF THE TOTAL SCORE

Several accreditations relevant to the field of smart hospitals were included as an additional element of the scoring model

Accreditations & certifications

3 Accreditations

- **The following accreditation and certifications were included:**
 - ARIS Centre of Excellence in Robotic Surgery⁽¹⁾
 - NHS Global Digital Exemplar⁽²⁾
 - Surgical Review Corporation (SRC) Center of Excellence in Robotic Surgery⁽³⁾
- **The following certifications were included to cover internationally recognized digital health standards. As none were held by the ranked hospitals at the time of data collection, they did not contribute to the final score:**
 - Joint Commission International (JCI) Telehealth Certification⁽⁴⁾
 - Joint Commission Responsible Use of Health Data (RUHD)⁽⁵⁾
 - NCQA Virtual Care Delivery⁽⁶⁾

THE ACCREDITATIONS CONSTITUTE 2.5% OF THE TOTAL SCORE

(1) [ARIS Centre of Excellence in Robotic Surgery](#)
(2) [NHS Global Digital Exemplar](#)
(3) [Surgical Review Corporation \(SRC\) Center of Excellence in Robotic Surgery](#)
(4) [Joint Commission International \(JCI\) Telehealth Certification](#)
(5) [Joint Commission Responsible Use of Health Data \(RUHD\)](#)
(6) [NCQA Virtual Care Delivery](#)

Note: To ensure each accreditation contributed only once to the overall evaluation, accreditations reported through the Statista Smart Hospitals Digital Maturity Survey were excluded from this pillar.

Recognizing Leadership in Artificial Intelligence

Introduction of the *Leader in AI Innovation* distinction

Leader in AI Innovation



- For the first time, the *Leader in AI Innovation* distinction highlights the hospital's commitment to advancing healthcare through the effective implementation and strategic use of artificial intelligence.
- It recognizes **hospitals demonstrating strong AI capabilities**, including the integration of AI solutions into clinical and operational processes, the development of AI-driven innovations, and the establishment of structures that support the responsible adoption of AI technologies.
- For the distinction, hospitals had to meet both of the following criteria^(1,2):
 - ≥70th percentile in **AI Standout Pillar**
 - ≥70th percentile in **AI Maturity Pillar**

A global board of renowned experts supports the continuous development of the methodology



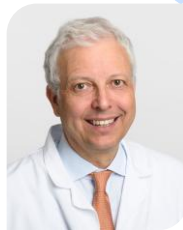
Prof. Dr. David Bates

Professor of Medicine, Harvard Medical School, USA



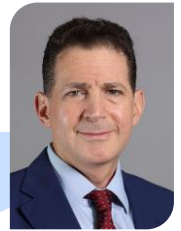
Dr. Gary Kaplan

CEO Emeritus, Virginia Mason Franciscan Health, CommonSpirit Board of Trustees, USA



Prof. Dr. med. Christoph Meier

Director, Department of Internal Medicine, University Hospital Zürich, Switzerland



Prof. Dr. Eyal Zimlichman

Chief Transformation, Innovation and AI Officer, Sheba Medical Center, Israel



Prof. Gregory Katz

Chair of Value-Based Health Care, Université Paris Cité School of Medicine. President of PromTime, France



Prof. Dr. med. Jens Deerberg-Wittram

CEO and CMO of a public, non-profit hospital group, Founding President ICHOM, Senior Fellow, Executive Director, Germany

As a result, the 410 best smart hospitals were awarded

Rank	Hospital	City	Country	Leader in AI Innovation	SSHDMS
1	Mayo Clinic - Rochester	Rochester	United States	✓	5 Ribbons
2	Cleveland Clinic	Cleveland	United States	✓	4 Ribbons
3	The Mount Sinai Hospital	New York	United States		4 Ribbons
4	Samsung Medical Center	Seoul	South Korea	✓	5 Ribbons
5	MD Anderson Cancer Center	Houston	United States	✓	3 Ribbons

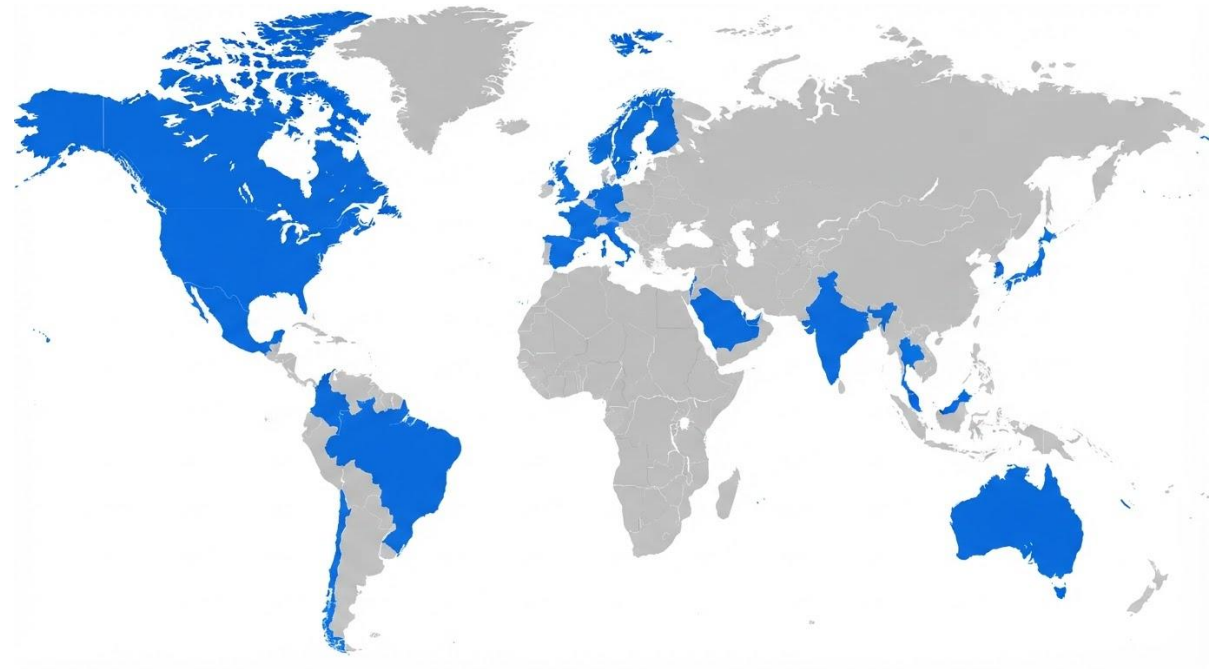
[...]

410 LEADING SMART HOSPITALS WERE AWARDED

The list includes smart hospitals from 33 different countries

Country	Hospitals awarded
United States	101
Germany	27
France	23
South Korea	21
Taiwan	19
Saudi Arabia	18
Spain	18
United Kingdom	18
Italy	17
Brazil	16
Canada	15
United Arab Emirates	13
Singapore	12
Switzerland	12
Japan	10
The Netherlands	8
Australia	7

Country	Hospitals awarded
Denmark	7
Israel	6
Norway	5
Belgium	4
Finland	4
Malaysia	4
Mexico	4
Sweden	4
Turkey	4
India	3
Austria	2
Chile	2
Colombia	2
Thailand	2
Lebanon	1
The Philippines	1



Statista Healthcare and Newsweek comprise the strong partner network behind the World's Best Smart Hospitals ranking

Partner Network



About Statista Healthcare

Statista Healthcare is a vertical business unit of Statista, the leading data and business intelligence portal, which provides an extensive collection of statistics, reports, and insights across more than 80,000 topics, drawing on 22,500 sources in 170 industries.

Statista Healthcare is focused on making healthcare quality transparent, measurable, and comparable across countries, care settings, and specialties, thereby creating value for both providers and patients. We work with leading healthcare experts and stakeholders worldwide to support data-driven quality measurement and transformation by combining in-depth analytical expertise with scalable technology and communication power. Our offerings span international rankings, ratings, benchmarking studies, and customized projects. Our global healthcare rankings and hospital ratings are published in collaboration with leading media partners worldwide, enabling high visibility and credibility across markets. Learn more about Statista Healthcare: healthcare.statista.com.



About Newsweek

Newsweek is a premier news magazine and website that has been bringing high-quality journalism to readers around the globe for over 80 years.

Newsweek provides the latest news, in-depth analysis and ideas about international issues, technology, business, culture and politics. In addition to its online and mobile presence, Newsweek publishes weekly English print editions in the United States, Europe/Middle East/Africa and Asia as well as editions in Japanese, Korean, Polish, Serbian and Spanish.

newsweek.com

Ranking disclaimer for the ranking World's Best Smart Hospitals

Disclaimer

The Smart Hospitals ranking reflects a rapidly evolving field in which standardized global performance indicators and universally established benchmarks are still developing. As no globally standardized set of Smart Hospital KPIs currently exists, this year's assessment places particular emphasis on hospitals' digital and technological maturity, including their capabilities, implementation approaches, and strategic adoption of smart hospital solutions. This assessment is based on the Statista Smart Hospitals Digital Maturity Survey, a voluntary survey based on self-reported data provided by participating hospitals.

As a result, changes in ranking positions may be more pronounced compared with rankings in more established fields, particularly when driven by updated maturity assessments, survey responses, or newly available data. These changes reflect the evolving understanding and measurement of smart hospital maturity and should be interpreted in the context of this assessment approach.

Legal disclaimer for the ranking World's Best Smart Hospitals

Disclaimer

The rankings are comprised exclusively of hospitals that are eligible regarding the scope described in this document. A mention in the ranking is a positive recognition based on peer recommendations and publicly available data sources at the time. The ranking is the result of an elaborate process which, due to the interval of data-collection and analysis, is a reflection of the last calendar year. Furthermore, events preceding or following the period 01/07/2025-01/07/2026 and/or pertaining to individual persons affiliated/associated to the facilities were not included in the metrics. As such, the results of this ranking should not be used as the sole source of information for future deliberations.

The information provided in this ranking should be considered in conjunction with other available information about hospitals or, if possible, accompanied by a visit to a facility. The quality of hospitals that are not included in the rankings is not disputed.