

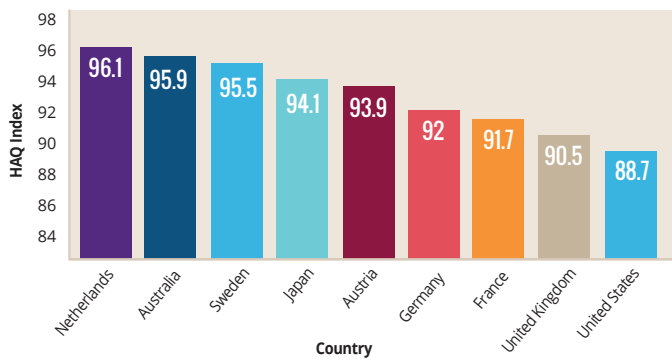
# By the Numbers: Balancing Affordability, Value, and Access

Section Editor: The ISPOR Student Network

## Milestones for value-based care in the United States

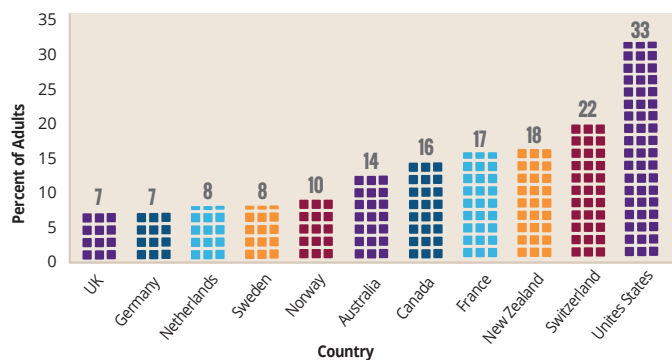
- 2008** Medicare Improvements for Patients and Providers Act passed<sup>1</sup>
- 2010** The Affordable Care Act is passed that would later institute the Hospital Value-Based Purchasing Program (HVBP) and Hospital Readmission Reduction Program (HRRP)<sup>2</sup>
- 2012** The HVBP and HRRP released by the Centers for Medicare and Medicaid Services (CMS) that focus on reimbursing hospitals based on quality of care<sup>3,4</sup>
- 2015** The Medicare Access and CHIP Reauthorization Act is passed, changing Medicare reimbursement for clinicians from volume-based to value-based care<sup>5</sup>
- 2019** Merit-based Incentive Payment Systems released by CMS, which will ensure that eligible physicians earn a value-based payment adjustment for their Medicare payments<sup>6</sup>

## Healthcare Access and Quality (HAQ) index rating for countries, 2016<sup>7,8</sup>



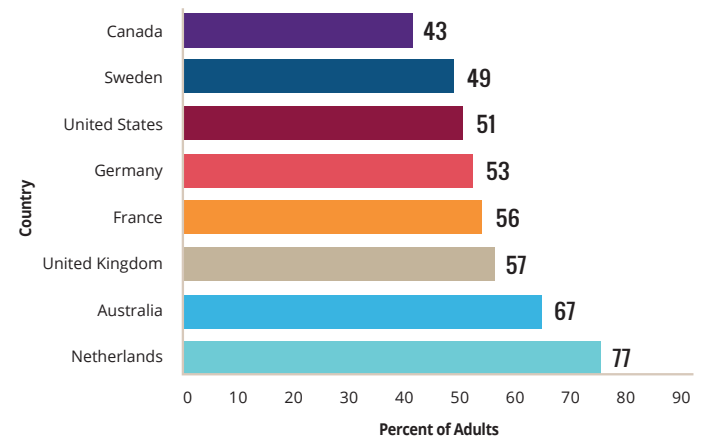
HAQ Index: Encompasses 32 causes of death considered to be avoidable provided that quality healthcare is available. These causes include a range of health service areas: (eg, vaccine-preventable diseases; infectious diseases and maternal and child health; non-communicable diseases, including cancers, cardiovascular diseases, and diabetes; and gastrointestinal conditions from which surgery can easily avert death, such as appendicitis.)

## Adults with cost-related access barriers by country, 2016<sup>9</sup>



Examples of cost-related access barriers include instances where patients had a medical problem but did not visit doctor; skipped a medical test, treatment or follow-up recommended by a doctor; and/or did not fill prescriptions or skipped doses.

## Percent of adults (≥ 18 years old) who were able to make a same-day or next-day appointment when they needed care by country, 2016<sup>9</sup>



### References:

- <sup>1</sup> Medicare Improvement for Patients and Providers Act. <https://www.ncoa.org/centerforbenefits/mippa/>. Accessed September 9, 2019.
- <sup>2</sup> About the Affordable Care Act. <https://www.hhs.gov/healthcare/about-the-aca/index.html>. Accessed September 9, 2019.
- <sup>3</sup> Hospital Value Based Purchasing Program. <https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/Value-Based-Programs/HVBP/Hospital-Value-Based-Purchasing.html>. Accessed September 9, 2019.
- <sup>4</sup> Hospital Readmissions Reduction Program. <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/Readmissions-Reduction-Program.html>. Accessed September 9, 2019.
- <sup>5</sup> Medicare Access and CHIP Reauthorization Act of 2015. <https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/Value-Based-Programs/MACRA-MIPS-and-APMs/MACRA-MIPS-and-APMs.html>. Accessed September 9, 2019.
- <sup>6</sup> Merit Based Incentive Payment System (MIPS). [aafp.org/practice-management/payment/medicare-payment/mips.html](https://www.aafp.org/practice-management/payment/medicare-payment/mips.html). Accessed September 9, 2019.
- <sup>7</sup> Fullman N, Yearwood J, Abay SM, et al. Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. *Lancet*. 2018;391(10136):2236-2271.
- <sup>8</sup> GBD 2015 Healthcare Access and Quality Collaborators. Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. *Lancet*. 2017;390(10091):231-266.
- <sup>9</sup> 2016 Commonwealth Fund International Health Policy Survey of Adults. <https://www.commonwealthfund.org/publications/surveys/2016/nov/2016-commonwealth-fund-international-health-policy-survey-adults>. Accessed September 9, 2019.

Contributors: Christy Choi, University of Minnesota, USA; Nazneen Fatima Shaikh, West Virginia University, USA; Judith John, Kerala University of Health Sciences, India; Aakash Bipin Gandhi, University of Maryland, Baltimore, USA