

# Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019

GBD 2019 Healthcare Access and Quality Collaborators\*

## Summary

**Background** Health-care needs change throughout the life course. It is thus crucial to assess whether health systems provide access to quality health care for all ages. Drawing from the Global Burden of Diseases, Injuries, and Risk Factors Study 2019 (GBD 2019), we measured the Healthcare Access and Quality (HAQ) Index overall and for select age groups in 204 locations from 1990 to 2019.

**Methods** We distinguished the overall HAQ Index (ages 0–74 years) from scores for select age groups: the young (ages 0–14 years), working (ages 15–64 years), and post-working (ages 65–74 years) groups. For GBD 2019, HAQ Index construction methods were updated to use the arithmetic mean of scaled mortality-to-incidence ratios (MIRs) and risk-standardised death rates (RSDRs) for 32 causes of death that should not occur in the presence of timely, quality health care. Across locations and years, MIRs and RSDRs were scaled from 0 (worst) to 100 (best) separately, putting the HAQ Index on a different relative scale for each age group. We estimated absolute convergence for each group on the basis of whether the HAQ Index grew faster in absolute terms between 1990 and 2019 in countries with lower 1990 HAQ Index scores than countries with higher 1990 HAQ Index scores and by Socio-demographic Index (SDI) quintile. SDI is a summary metric of overall development.

**Findings** Between 1990 and 2019, the HAQ Index increased overall (by 19.6 points, 95% uncertainty interval 17.9–21.3), as well as among the young (22.5, 19.9–24.7), working (17.2, 15.2–19.1), and post-working (15.1, 13.2–17.0) age groups. Large differences in HAQ Index scores were present across SDI levels in 2019, with the overall index ranging from 10.7 (2.6–18.0) on average in low-SDI countries to 83.4 (82.4–84.3) on average in high-SDI countries. Similarly large ranges between low-SDI and high-SDI countries, respectively, were estimated in the HAQ Index for the young (40.4–89.0), working (53.8–82.8), and post-working (30.4–79.1) groups. Absolute convergence in HAQ Index was estimated in the young group only. In contrast, divergence was estimated among the working and post-working groups, driven by slow progress in low-SDI countries.

**Interpretation** Although major gaps remain across levels of social and economic development, convergence in the young group is an encouraging sign of reduced disparities in health-care access and quality. However, divergence in the working and post-working groups indicates that health-care access and quality is lagging at lower levels of social and economic development. To meet the needs of ageing populations, health systems need to improve health-care access and quality for working-age adults and older populations while continuing to realise gains among the young.

**Funding** Bill & Melinda Gates Foundation.

**Copyright** © 2022 The Author(s). Published by Elsevier Ltd. This is an Open Access article under the CC BY 4.0 license.

## Introduction

The share of the global population aged 15 years and older increased from 67% in 1990 to 74% in 2019.<sup>1,2</sup> These shifts in age structure are forecast to continue into 2100, when 86% of the global population is expected to be older than 15 years.<sup>2</sup> The drugs, equipment, technology, and know-how required to effectively address the health needs of working-age populations and older adults differ from what is required to address the needs of children and adolescents because different diseases and conditions are prominent in the different

age groups.<sup>3,4</sup> To improve health outcomes and avert premature mortality, health systems must provide access to quality health care for the working-age population and older adults while simultaneously maintaining and improving health-care access and quality for younger generations.

Existing evidence suggests that health systems in low-income and middle-income countries (LMICs) have not been primarily funded and organised around providing access to quality health care for the working-age population and older adults. Non-communicable



oa

Lancet Glob Health 2022

Published Online  
October 6, 2022  
[https://doi.org/10.1016/S2214-1099\(22\)00429-6](https://doi.org/10.1016/S2214-1099(22)00429-6)

\*Collaborators are listed at the end of the Article.

Correspondence to:  
Prof Rafael Lozano, Institute for Health Metrics and Evaluation,  
Seattle, WA, 98121, USA  
[rl@ihme.washington.edu](mailto:rl@ihme.washington.edu)

# Assessing Performance In An Age Of Accountability

**Zhe Xu**



## **Assessing Performance In An Age Of Accountability:**

Thank you for downloading **Assessing Performance In An Age Of Accountability**. As you may know, people have search hundreds times for their chosen readings like this Assessing Performance In An Age Of Accountability, but end up in harmful downloads.

Rather than enjoying a good book with a cup of tea in the afternoon, instead they cope with some malicious virus inside their computer.

Assessing Performance In An Age Of Accountability is available in our book collection an online access to it is set as public so you can get it instantly.

Our books collection spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Merely said, the Assessing Performance In An Age Of Accountability is universally compatible with any devices to read

[https://kmsbrunchlive.gobrunch.com/files/virtual-library/Download\\_PDFS/argentina%20image%20of%20a%20country%20su%20mma%20patagonica.pdf](https://kmsbrunchlive.gobrunch.com/files/virtual-library/Download_PDFS/argentina%20image%20of%20a%20country%20su%20mma%20patagonica.pdf)

## **Table of Contents Assessing Performance In An Age Of Accountability**

1. Understanding the eBook Assessing Performance In An Age Of Accountability
  - The Rise of Digital Reading Assessing Performance In An Age Of Accountability
  - Advantages of eBooks Over Traditional Books
2. Identifying Assessing Performance In An Age Of Accountability
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Assessing Performance In An Age Of Accountability
  - User-Friendly Interface

4. Exploring eBook Recommendations from Assessing Performance In An Age Of Accountability
  - Personalized Recommendations
  - Assessing Performance In An Age Of Accountability User Reviews and Ratings
  - Assessing Performance In An Age Of Accountability and Bestseller Lists
5. Accessing Assessing Performance In An Age Of Accountability Free and Paid eBooks
  - Assessing Performance In An Age Of Accountability Public Domain eBooks
  - Assessing Performance In An Age Of Accountability eBook Subscription Services
  - Assessing Performance In An Age Of Accountability Budget-Friendly Options
6. Navigating Assessing Performance In An Age Of Accountability eBook Formats
  - ePub, PDF, MOBI, and More
  - Assessing Performance In An Age Of Accountability Compatibility with Devices
  - Assessing Performance In An Age Of Accountability Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Assessing Performance In An Age Of Accountability
  - Highlighting and Note-Taking Assessing Performance In An Age Of Accountability
  - Interactive Elements Assessing Performance In An Age Of Accountability
8. Staying Engaged with Assessing Performance In An Age Of Accountability
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Assessing Performance In An Age Of Accountability
9. Balancing eBooks and Physical Books Assessing Performance In An Age Of Accountability
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Assessing Performance In An Age Of Accountability
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Assessing Performance In An Age Of Accountability
  - Setting Reading Goals Assessing Performance In An Age Of Accountability
  - Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Assessing Performance In An Age Of Accountability
  - Fact-Checking eBook Content of Assessing Performance In An Age Of Accountability
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

### **Assessing Performance In An Age Of Accountability Introduction**

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In todays fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Assessing Performance In An Age Of Accountability PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific

information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Assessing Performance In An Age Of Accountability PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Assessing Performance In An Age Of Accountability free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

### **FAQs About Assessing Performance In An Age Of Accountability Books**

1. Where can I buy Assessing Performance In An Age Of Accountability books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Assessing Performance In An Age Of Accountability book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Assessing Performance In An Age Of Accountability books? Storage: Keep them away from direct

- sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
  6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
  7. What are Assessing Performance In An Age Of Accountability audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
  8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
  9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
  10. Can I read Assessing Performance In An Age Of Accountability books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

### Find Assessing Performance In An Age Of Accountability :

[argentina image of a country summa patagonica](#)

**archives d'histoire litteraire et doctrinale du moyen age tome 49 1982**

[arctic journeys—a history of exploration for the northwest passage](#)

**are you thinking what im thinking 500 fascinat**

[arctic energy resources.](#)

**architecture in britain today**

[archdiocese of detroit images of america arcadia publishing](#)

**archery is fun**

**archetypes the persistence of unifying patterns**

archaeology the science of once and future things  
arguing comparative politics  
*are you a monster*  
*architects pocket of kitchen design*  
aretha franklin greatest hits 19801994  
arenas of greed the great chicago commodity market sham

**Assessing Performance In An Age Of Accountability :**

KINGSTON Class MCDV About the Model The fleet of 12 MCDV's (6 per coast) are crewed primarily by reservists. This class of ship provides the navy with a dedicated coastal defence capability, and ... HMCS Kingston The original. The Kingston-class vessels were built as part of the Canadian Maritime Coastal Defence Vessel Project. There are twelve ships in this class ... MM-700 HMCS Kingston - Coastal Defence Vessel The first ship to be constructed at Halifax in 32 years, Kingston was commissioned into the Canadian Forces at Kingston, Ontario on 21 September 1996 and ... Boats and Ships Free Paper Models Delphin Boat - Choose "Downloads" for the free model boat. Digital Navy - Great paper model ships: Lightship Ambrose, H.M.S. Dreadnought, Admirable Class ... Maritime Coastal Defence Vessels Sep 24, 2021 — HMCS Summerside Kingston-class coastal defense vessel. ... Since you came this far, the RCN offers a free paper model for download, should you be ... DEPARTMENT OF NATIONAL DEFENCE. The Kingston ... DEPARTMENT OF NATIONAL DEFENCE The Kingston Class Vessel Dossier LIST OF EFFECTIVE PAGES Insert latest changed pages, dispose of superseded pages in ... Barcos de guerra HMCS Kingston (MM 700) Coastal Defence Vessel Free Ship Paper Model Download. HMCS Kingston (MM 700) Coastal Defence Vessel Free Ship Paper Model Download. RIMPAC Aug 8, 2022 — HMCS Summerside Kingston-class coastal defense vessel. While not ... Since you came this far, the RCN offers a free paper model for download, ... HMCS Kingston, Hull (1:200, RC) Parts in "Strong & Flexible" material to complete the model of the Canadian military vessel "HMCS Kingston", a coastal defence vessel, in 1:200 scale:. Walter Nicholson - Solutionary Microeconomic theory. 11 ... Walter Nicholson - Solutionary Microeconomic theory. 11 (2011 ) ; These problems provide some practice in examining utility functions by looking at indifference. Microeconomic Theory: Basic Principles and Extensions ... 11th Edition, you'll learn how to solve your toughest homework problems. Our resource for Microeconomic Theory: Basic Principles and Extensions includes answers ... Microeconomic Theory: Basic Principles and Extensions, ... Walter Nicholson is the Ward H. Patton Professor of Economics at Amherst ... The 11th edition of Microeconomic Theory: Basic Principles and Extensions ... How to find the solution manual of the following book Oct 23, 2021 — You can get the solution manuals of Walter Nicholson and Christopher Snyder, Theory and Application of Intermediate Microeconomics, 11th edition ... Microeconomic theory basic

principles and extensions ... Microeconomic theory basic principles and extensions 11th edition nicholson solutions manual. Course: Micro economics (701). Walter Nicholson Solutions Books by Walter Nicholson with Solutions ; Microeconomics Theory (Book Only) 11th Edition 228 Problems solved, Christopher M Snyder, Walter (Walter Nicholson) ... Solution Manual For Intermediate Microeconomics and Its ... SOLUTION MANUAL FOR INTERMEDIATE. MICROECONOMICS AND ITS APPLICATION. 11TH EDITION BY NICHOLSON. Complete downloadable file at: [https://testbanku.eu/Solution-](https://testbanku.eu/Solution-...) ... Microeconomics Theory 11th Edition Textbook Solutions Textbook solutions for Microeconomics Theory 11th Edition NICHOLSON and others in this series. View step-by-step homework solutions for your homework. Chapter 3 Solutions | Microeconomic Theory 11th Edition Access Microeconomic Theory 11th Edition Chapter 3 solutions now. Our solutions are written by Chegg experts so you can be assured of the highest quality! Solutions for Microeconomic Theory: Basic Principles and ... Step-by-step video answers explanations by expert educators for all Microeconomic Theory: Basic Principles and Extensions 11th by Walter Nicholson, ... Heroes by Cormier, Robert This a post-war story about Frenchtown in Canada, and about how all of the towns' inhabitants, especially the veterans, have been shaped by the war. Cormier ... Heroes (novel) Heroes is a 1998 novel written by Robert Cormier. The novel is centred on the character Francis Cassavant, who has just returned to his childhood home of ... Heroes by Robert Cormier A serious well written YA novel exploring the nature of heroism, set in post WW2 USA but managing to retain a timeless quality. Francis Cassavant returns to ... Heroes by Robert Cormier: 9780440227694 Francis Joseph Cassavant is eighteen. He has just returned home from the Second World War, and he has no face. He does have a gun and a mission: to murder. Book Review: Heroes by Robert Cormier - Sarah's Corner May 20, 2023 — The sense of complete loneliness and isolation Francis goes through are painful, and I felt for him and Nicole even though character development ... Heroes by Robert Cormier Plot Summary Aug 28, 2017 — After recovering in a veterans hospital in England, Francis returns home with one goal: to murder the man who had sent him to war, his childhood ... Heroes Heroes. Heroes. Robert Cormier. According to PW's starred review, this dark story of a WWII veteran who seeks revenge on an old mentor ""will hold fans from ... Heroes - Author Robert Cormier Francis Joseph Cassavant is eighteen. He has just returned home from the Second World War, and he has no face. He does have a gun and a mission: to murder ... Heroes by Robert Cormier Sep 30, 1999 — Tells a provocative story about the return home of teenage war hero and war victim, Francis Joseph Cassavant. This book gets to the heart of ... Heroes by Robert Cormier, Paperback Cormier's gripping stories explore some of the darker corners of the human psyche, but always with a moral focus and a probing intelligence that compel readers ...