

How software solutions are driving the patient experience in healthcare

Market disruptions, consumerism, and the burgeoning influence of digital Health are changing patient expectations and driving the need for healthcare software solutions to improve patient experience...

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FOREWORD

From enhancing appointments and schedules, check-ins to reducing paperwork, allowing remote visits, sharing lab results through patient portals, and implementing two-way communications with providers in between visits, healthcare organizations and healthcare software providers are discovering new ways to contribute positive care experience.

Healthcare organizations provide patient-centered care by fostering conversation between providers and patients through online portals, text messaging, and email. It also improves access to data such as online medical records, improving self-monitoring and patient convenience.

Patient experience represents a crucial element of the capacity to invite and engage patients. When patients form positive relationships and trust the providers, they become more involved in the care and feel a strong sense of loyalty and commitment to the organization.

HEALTHCARE IN THE US

American Health Insurance System.

Citizens pay monthly health insurance fees to ensure that they will be treated when they need to go to the hospital, doctor, or clinic. On the other hand, insurance providers include billions of patients to negotiate with health care providers for minimized fees and then pay for services.

The medical industry in the US is increasingly concentrating on producing a better patient experience and driving patient satisfaction scores. However, while many efforts must center on improving interpersonal relationships, organizations heavily rely on healthcare technologies to improve the patient experience.

Healthcare, with all of its complexities, places an exceptionally high burden on the patient consumer. Patients need to find their care, disclose important medical data before appointments, and reach out to providers for help between visits. Yet, between each of those patient responsibilities is several pain points that taint the entire healthcare experience.

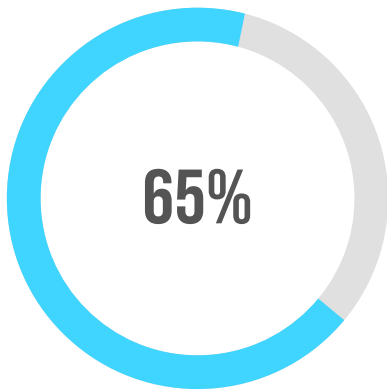


US HEALTHCARE INDUSTRY – STATISTICS FOR 2021

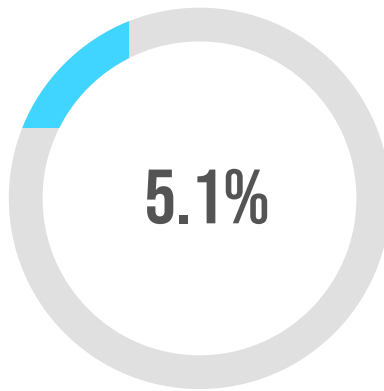
- The global health industry's worth stood at \$8.45 trillion in 2018
- Global healthcare spends are anticipated to touch \$10 trillion in 2022
- The US has the most significant healthcare spending, growing at \$10,000 plus per capita.
- The US healthcare spends twice what other countries do
- There are 78K plus businesses in the US healthcare sector
- McKesson is the most prominent US healthcare company with annual revenue of \$200 plus billion
- The Internet of things (IoT) can lower the operational costs and clinical inefficiencies by \$90 plus billion every year.
- 65% of physicians believe the IoT can help reduce the burden on nurses and doctors.



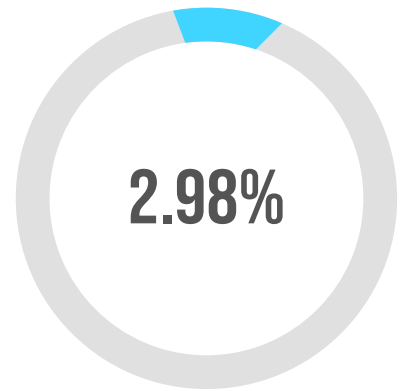
US HEALTHCARE REVENUE



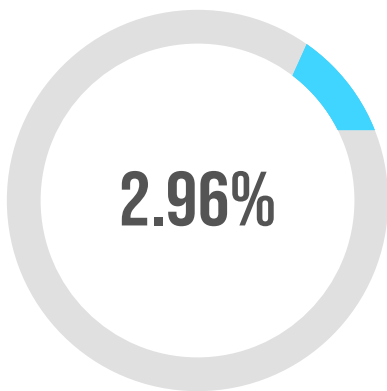
Patient care -
\$1.068 trillion



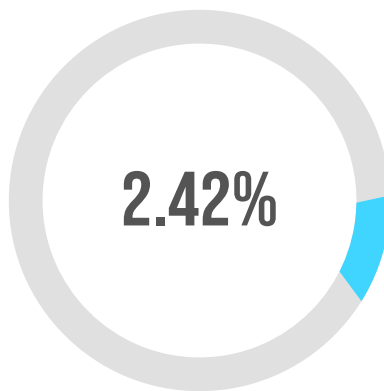
Inpatient skilled nursing rehab
and services - 74.8 billion



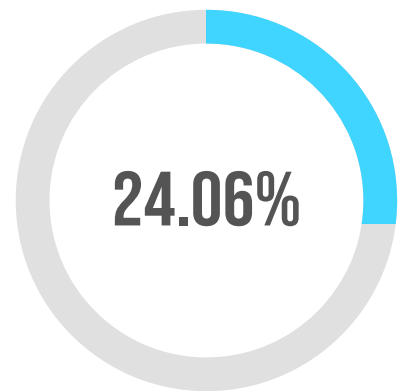
Non-surgical dental
intervention - \$49.6 billion



Grants and contributions
by the government
- \$44.9 billion



General government
appropriations
- \$40.2 billion

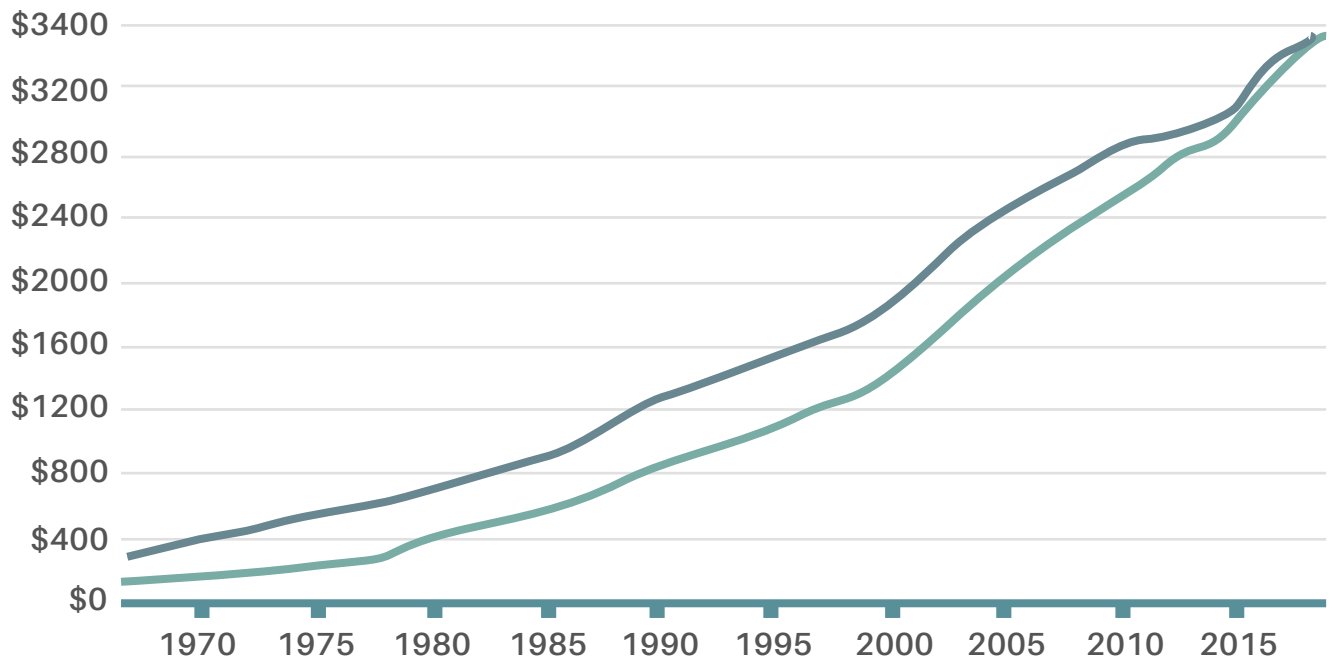


other -
\$389 billion

The US medical device industry was valued at US\$147.7 billion in 2016 and is projected to grow significantly through 2019 when it should increase to US\$173 billion.

US HEALTHCARE EXPENDITURE

in billions of USD



According to a new analysis from the Office of the Actuary at CMS, National healthcare spending hit a total of \$3.8 trillion in the year before COVID-19 hit.

PRICE OF HEALTHCARE

US Healthcare Funds & its Origins

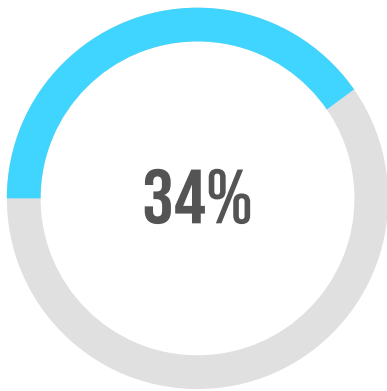
\$2.0 trillion - 65% of healthcare costs - are paid by tax dollars.

Predictions show an increase to 68% by 2024.

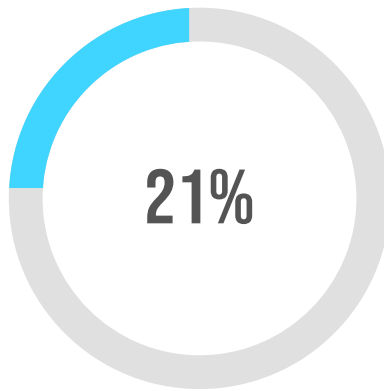


The United States spent about \$3.6 trillion on healthcare in 2018, which averages about \$11,000 per person. Relative to the size of the economy, healthcare costs have increased over the past few decades, from 5 percent of gross domestic product (GDP) in 1960 to 18 percent in 2018

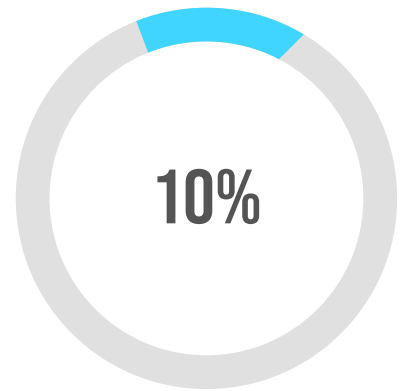
HEALTH SPENDINGS BY INDIVIDUALS



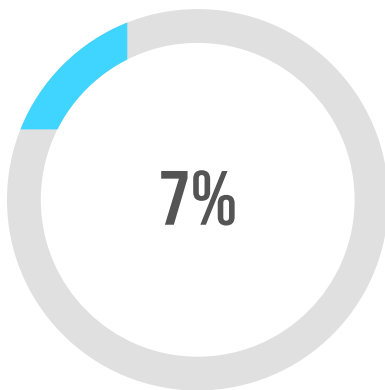
Hospital care



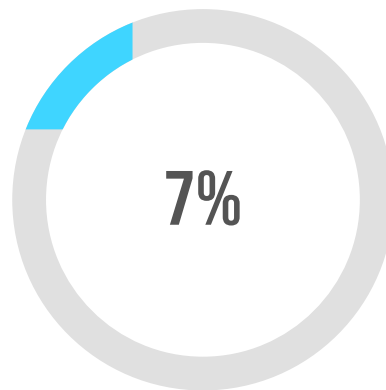
Physician and clinical services



Retail prescription drugs



Personal care services



Nursing care facilities and continuing care

U.S. health care spending grew 4.6 percent in 2019, reaching \$3.8 trillion or \$11,582 per person. As a share of the nation's Gross Domestic Product, health spending accounted for 17.7 percent.

HOW HEALTHCARE SOFTWARE SOLUTIONS ENABLE BETTER PATIENT EXPERIENCE

1. Build a restorative online presence.
2. Provide online scheduling.
3. Send appointment confirmations and reminders.
4. Make paperwork available on the website.
5. Instruct front office staff to be friendly.
6. Clean and comfortable waiting rooms.
7. Minimum wait times
8. Follow up appointments with a survey
9. Promptly respond to online feedback
10. Share valuable content online (social media channels and website blogs)
11. Stay in touch with patients through their inbox



CONNECTED HEALTH IN THE US

IoT will minimize operational costs and clinical inefficiencies by \$100 billion or 25% per year.

49% of companies are expected to increase their use of connected health devices.

61% have already implemented IoT in their facilities

15% of the global healthcare population is using a connected healthcare device.

45% of all technology roll-outs will be associated with healthcare by 2022.

Connected Health And Wellness Devices Market Size Valued at USD 158920 million in Recent Year and Growing at a GAGR of 13.5% During Forecast...



THE FUTURE OF THE HEALTHCARE INDUSTRY

90% of pharmaceutical and life science executives anticipate digital technologies in clinical trials, patient monitoring, EHR, IoT to increase in the coming years.

70% of healthcare facilities were unprepared for responding to cyber-attacks, which is another area that will improve in the future.

Currently, nearly 90% felt that attacks on healthcare software and infrastructure have increased and have placed healthcare facilities at risk.



MEDICAL MARKETS

98% of hospitals in the US are in the process of adopting EHRs. The time-consuming process of dealing with paperwork will longer be required saving more time for doctors. Moreover, EHR will benefit intervention since it offers customized reminders for patients in need of medical care.

The health insurance market is developing rapidly. The protection-type insurance products will prove to be more profiting than savings businesses.

A big thank you to the advent of the internet of things (IoT); healthcare is going through an incredible technological revolution. IoT will change health care in the coming days for good as it is already revolutionizing the following ones:

- **Training** - Mimicking patient symptoms and giving real-time feedback will be handled by advanced healthcare training simulators, making it easier to train new medical professionals remotely.
- **Patient Monitoring** - Remote patient monitoring will touch new heights with the intervention of IoT. Connected medical devices will send valuable patient data to physicians for analysis and receive their responses in real-time, which will help save lives. As a result, the healthcare statistics reveal that 70% of patients think IoT devices can help doctors attend to them more efficiently.
- **Preventive Care** - IoT devices will proactively monitor your vital signs and raise the alarm if necessary or prompt you to meet a doctor ASAP.
- **Workflow Optimization** - Over the top, workflow optimization, which has remained a longtime challenge, is getting addressed effectively. By streamlining workflow, IoT will make the life of medical professionals smoother and improve their productivity and earnings. A constructive thought that has been uniformly shared by no fewer than 60% of doctors in a survey.



About HealthTechWiz

HealthTechWiz is passionate about the Healthcare industry technology landscape and its developments. And that's why we named our company HealthTechWiz! We've gathered some of the best brains in the web development industry and cut them loose to create mind-blowing, forward-thinking custom healthcare solutions. And we want your project to be next! As Healthcare software providers, we're really good at: - Custom Healthcare solutions, Healthcare Software Solutions, and Healthcare software development.

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