ZEBRA | **CDW**

Safe, Efficient and Unburdened Patient Care

Proven Technology for Easier Workflows and More Bedside Patient Time

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A Practical Solution to Healthcare Burden and Labor Shortages

Anyone working on the front lines in healthcare knows the burden and stress of overwork, labor shortages, and the pressure to provide outstanding care with sometimes limited resources.

In the U.S. alone, the National Center for Health Workforce Analysis (NCHWA) projects a shortage of over 500,000 nurses, 187,000 physicians, 82,000 allied health specialists, and hundreds of thousands of other healthcare workers by 2037.

Additionally, more than 145,000 healthcare providers left the industry between 2021 and 2022, including over 71,000 physicians and nearly 35,000 nurse practitioners

All of this is happening while healthcare demand increases, especially from an aging and growing population. In fact, there will be 73.1 million people aged 65 or older by 2030, 80.8 million by 2040, and 94.7 million by 2060.

This is why we need to look for every opportunity to reduce the burden on healthcare providers and make it easier for them to deliver outstanding care, spend more time with patients, and do it all as efficiently and stress-free as possible.

Increasingly, healthcare systems and providers are turning to technology to help automate, streamline, unburden, and error-proof clinical workflows, patient care, and supply chain management. By using technology to reduce the burden and barriers to efficient and quality care, we can help free up our providers and staff to do what they do best, which is care for patients.

The Healthcare Labor Shortfall

145,000+
healthcare providers left the industry from 2021 through 2022

49% were physicians

24% were nurse practitioners

An Aging Population

73.1 million people age 65+ by 2080

80.8 million people age 65+ by 2040

94.7 million people age 65+ by 2060

The Digital Difference: Reducing Burden and Increasing Efficiency with Technology

With Zebra solutions, you can automate, digitize, streamline, and error-proof virtually every aspect of patient care. Zebra solutions provide a comprehensive technology portfolio of devices that are purpose-built for patient admissions and identification, bedside and clinical care, laboratory and pharmacy workflows, and everything from specimen tracking and medication administration to supplies management and patient discharge.

Admissions

- Positive patient identification
- Patient ID wristband printing
- Disinfectant-ready wristbands
- Self-service digital kiosks

Phlebotomy

- Specialized blood-bag labels
- No leeching or label residue
- On-demand mobile printing
- Clear, easy to scan and read

Surgery

- Patient and procedure verification
- Supplies management
- Real-time clinical collaboration
- Digital OR and theater management

Bedside Labeling

- Compact, mobile label printing
- Specimen, chart, and other labels
- Wearable and cart-based printers
- Fast, clear, high-quality printing

Medication Administration

- Patient ID matching
- Medication tracking
- Pharmacy workflows
- Pickup and delivery

Inventory and Supply Chain

- Automated and digital tracking
- Real-time inventory visibility
- Barcode labeling and scanning
- RFID item locating and tracking

Clinical Mobility

- All-in-one clinical mobile devices
- Access to clinical apps, EHR, and alerts
- Real-time voice and secure text
- Disinfectant-ready designs

Specimen Tracking

- Bedside specimen collection and tracking
- Patient wristband ID matching
- Accurate digital tracking and efficiency
- Real-time status visibility

Patient Discharge

- Receipt printing
- Prescription printing
- Self-service digital kiosks

Zebra Healthcare Technology Fundamentals

Patient Identification

Better efficiency, accuracy, and safety in healthcare workflows begins with positive patient identification. Zebra printing and wristband solutions help you automate, optimize, and error-proof your patient identification with fast and easy-to-use barcode and RFID wristband printers, disinfectant-ready wristbands, matching chart labels, and hands-free, mobile, and wearable scanners.

▶ 4.4 billion+ Patients Identified Globally

Reduced Nursing Workarounds

- Fast, reliable, on-demand wristband printing
- Quick, easy, and secure fastening
- No scanning or readability issues
- No need for workarounds or reprinting
- Comfortable fit for patients of all sizes

Improved Patient Identification

- Positive matching of patients and care
- Highly durable printed barcodes and info
- Protection from smudging and fading
  Resistance to harsh sanitizers
- Long-term wristband durability
- Specialized materials and coatings
- Direct-print thermal, laser and RFID printing
- Specimen Tracking and Medication

Administration

- Bedside collection and administration
- On-the-spot patient matching and labeling
- Digital workflows for better efficiency
- Barcode scanning for real-time tracking

One Source for All Patient ID Needs

- Purpose-built solutions for virtually every healthcare need
- Sizes from infants to adults
- Neo-natal, pediatric, and MR safety features

Zebra Healthcare Technology Fundamentals

Clinical Mobility

Streamlined real-time communication, mobile access to patient records, and seamless digital workflows save time, steps, and effort for every provider. Zebra clinical mobility solutions deliver everything providers need at their fingertips, with industry-leading mobile computing performance, efficiency-boosting features, and easy, intuitive digital interfaces.

Real-Time Information and Communication

- Easy real-time access and updates to EHRs
- All-in-one real-time communications
- Alerts, voice, PBX, secure text, photos and video
- Telehealth and virtual care support

Clinical Data and Insights

- Data and decision support at your fingertips
- Easy access to charts, records and tracking
- Barcode scanning for positive patient ID
- Digital matching for improved safety

Streamlined and Consolidated Workflows

- All your clinical apps on a single powerful device
- Mobile workflows for untethered efficiency
- Easy-to-use Android mobile interfaces
- Task completion in less time and fewer steps

▶ An All-in-One Clinical Solution

▶ Electronic Health Records

▶ Clinical Mobile Apps

▶ Real-Time Communication

▶ Data Capture and Management

▶ Streamlined Digital Workflows

▶ Disinfectant-Ready Hardware

Zebra Healthcare Technology Fundamentals

Real-Time Tracking and Locating

Knowing the status and location of specimens, medications, and medical equipment is critical to delivering the right care as efficiently as possible. Zebra real-time tracking technologies help you label, scan, and track everything that moves through your healthcare operations, so you can quickly identify, track, find and view the status of virtually any asset, with end-to-end visibility.

Fast and Easy Locating and Tracking

- Real-time equipment tracking and locating
- Real-time staff locating and communication
- Barcoding and RFID for complete traceability
- RFID locating to within a few feet
- Digital facility maps to instantly view locations

Improved Supply Chain Management

- Comprehensive supplies tracking and locating
- Automated digital tracking for improved accuracy
- Tracking of usage, receipts and consignments
- Accurate, proactive replenishment
- Easy digital visibility and workflows

Comprehensive Patient Care Traceability

- Bedside labeling, scanning and matching
- Seamless digital tracking
- End-to-end barcode traceability
- Digital control and visibility at every step

▶ Visibility into Everything You Need

▶ Equipment Tracking and Locating

▶ Staff Locating

▶ Supplies Management

▶ Supply Chain Management

▶ Inventory Management

▶ Real-Time Data-Driven Insights

50+ Years of Global Healthcare Innovation

As a trusted global leader in innovative technologies for over 50 years, Zebra partners with leading hospitals and health systems worldwide and is a preferred technology provider at more than 50% of U.S. hospitals.

- 5,000+ successful hospital technology implementations
- 30+ leading EHR and third-party vendor integrations
- Vast, global ecosystem of healthcare technology partners
- Industry-leading performance, support, durability and reliability
- 1,200+ software engineers in our healthcare division
- 4,000+ patents and continued R&D investments

SOURCES

https://bhw.hrsa.gov/data-research/projecting-health-workforce-supply-demand
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Zebra Healthcare Technology

Less Burden. Easier Workflows. More Time to Care.

To learn more, visit **www.cdw.com/zebra**