

The Interoperability Imperative: Assessing Hawaii Providers' Readiness for Change



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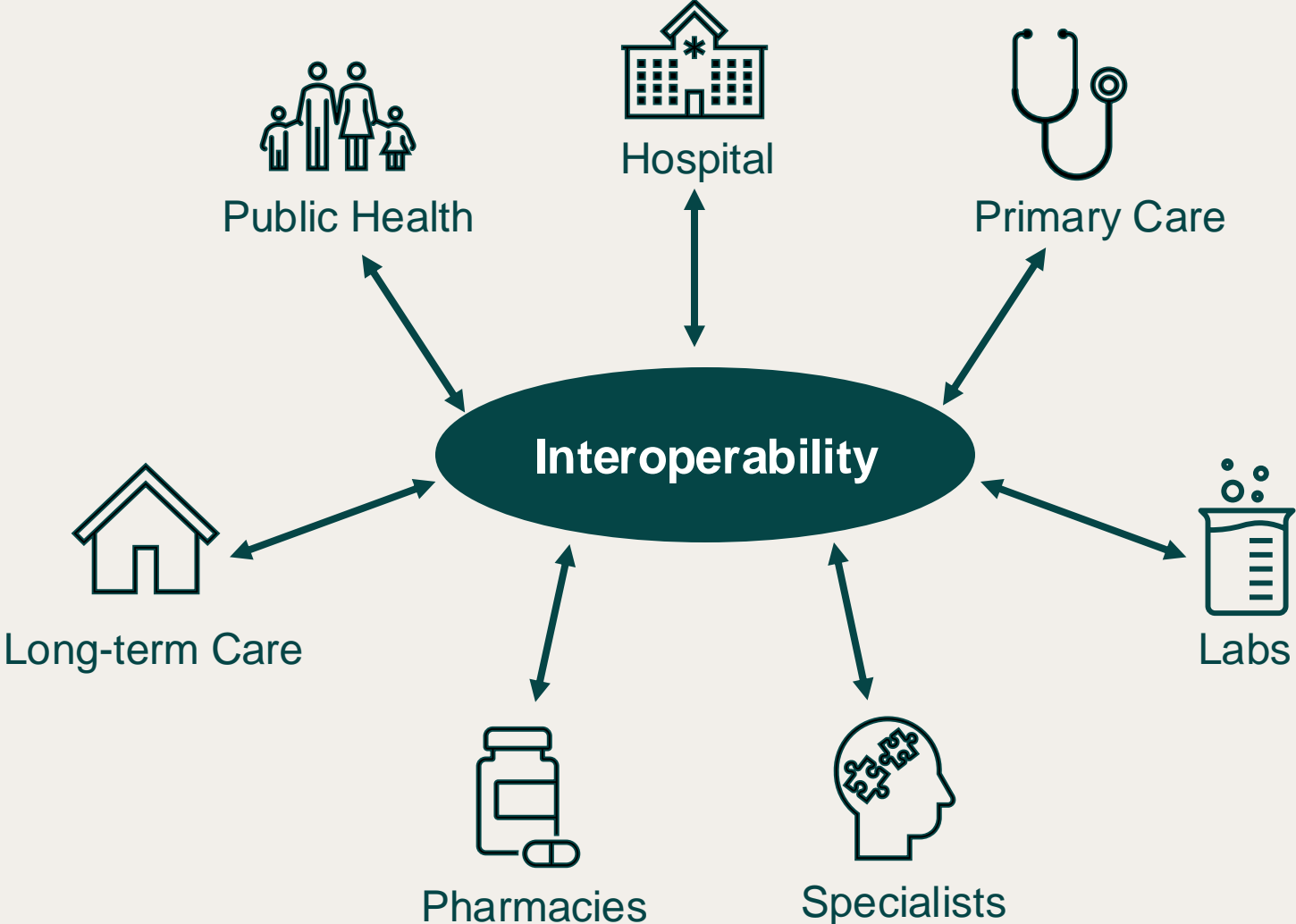
Tuesday, October 15, 2024



Session Objectives

1. Understand the critical role of interoperability in enhancing the quality, safety, and efficiency of health care delivery in Hawaii.
2. Explore the complexities and challenges involved in achieving interoperability, including the necessary collaboration between state entities and health care providers.
3. Identify the steps for assessing the readiness of Hawaii's health care providers for upcoming changes in health data exchange standards.

Introduction: Enhancing Healthcare Interoperability in Hawaii



The Critical Role of Interoperability



Enhanced Quality



Improved Safety



Increased Efficiency



Emergency Preparedness

Challenges in Achieving Interoperability

Technical Hurdles

Privacy Concerns

Stakeholder Alignment

Resource Allocation



Lessons from Recent Crises

Maui Wildfires

- Access to medical records during evacuations
- Communication gaps between EMS and providers

COVID-19 Pandemic

- Importance of real-time data sharing
- Challenges coordinating vaccine distribution and tracking

Interoperability is crucial for effective emergency response.

Investments in health data exchange systems are essential.

Hawaii's Readiness Assessment

Partnership

A light blue downward-pointing arrow indicating the flow from the Partnership stage to the Data Collection stage.

Data Collection

A light blue downward-pointing arrow indicating the flow from the Data Collection stage to the Analysis stage.

Analysis

Assessment Development

**Survey of 23
questions in three
categories:**

- General Practice Information
- Electronic Health Record (EHR) and Interoperability
- Hawaii Health Information Exchange Awareness and Use

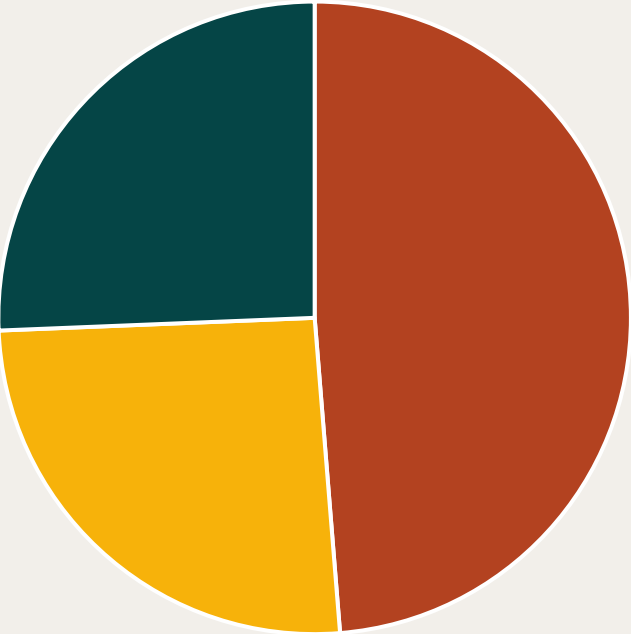


Assessment Results

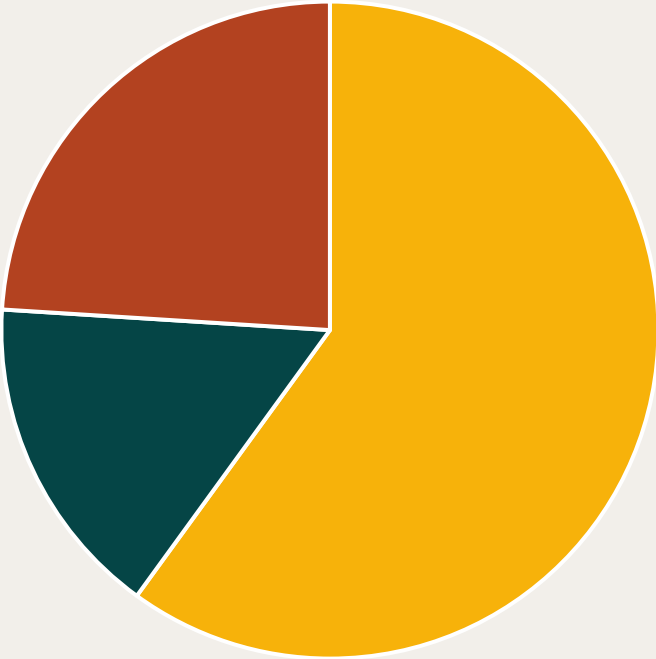


General Practice

Practice Type



Number of Employees

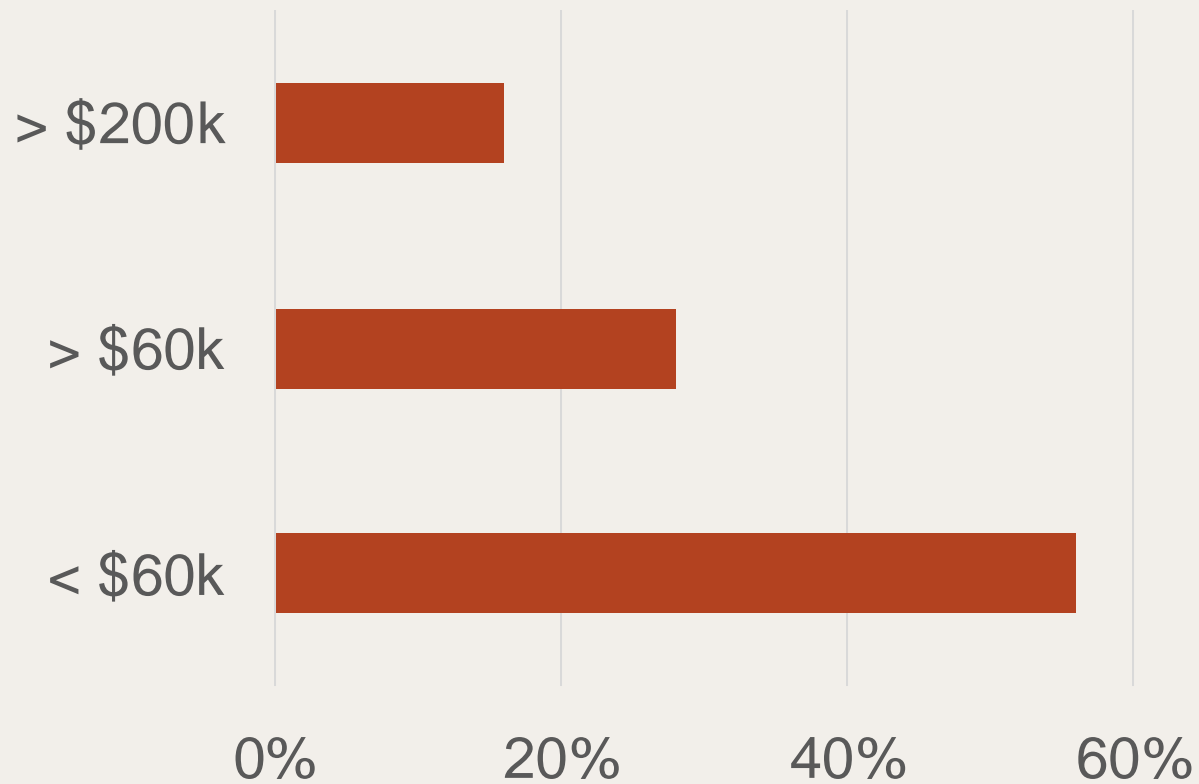


■ Solo Physician ■ Physician Group ■ LTC/Skilled

■ < 50 ■ 51-100 ■ >100

EHR and Interoperability

Cost of Solution

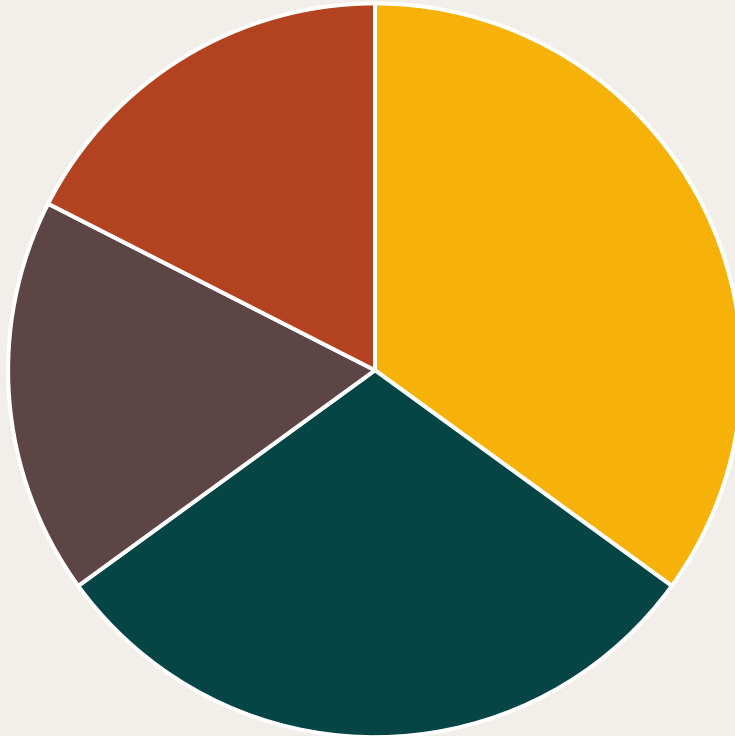


92% of respondents have an EHR or plan to implement one in the next two years.

EHR and Interoperability

Barriers to Interoperability

- Current EHR Does Not Support
- EHR Upgrade too Expensive
- Lack of Resources; Staffing
- Security Concerns

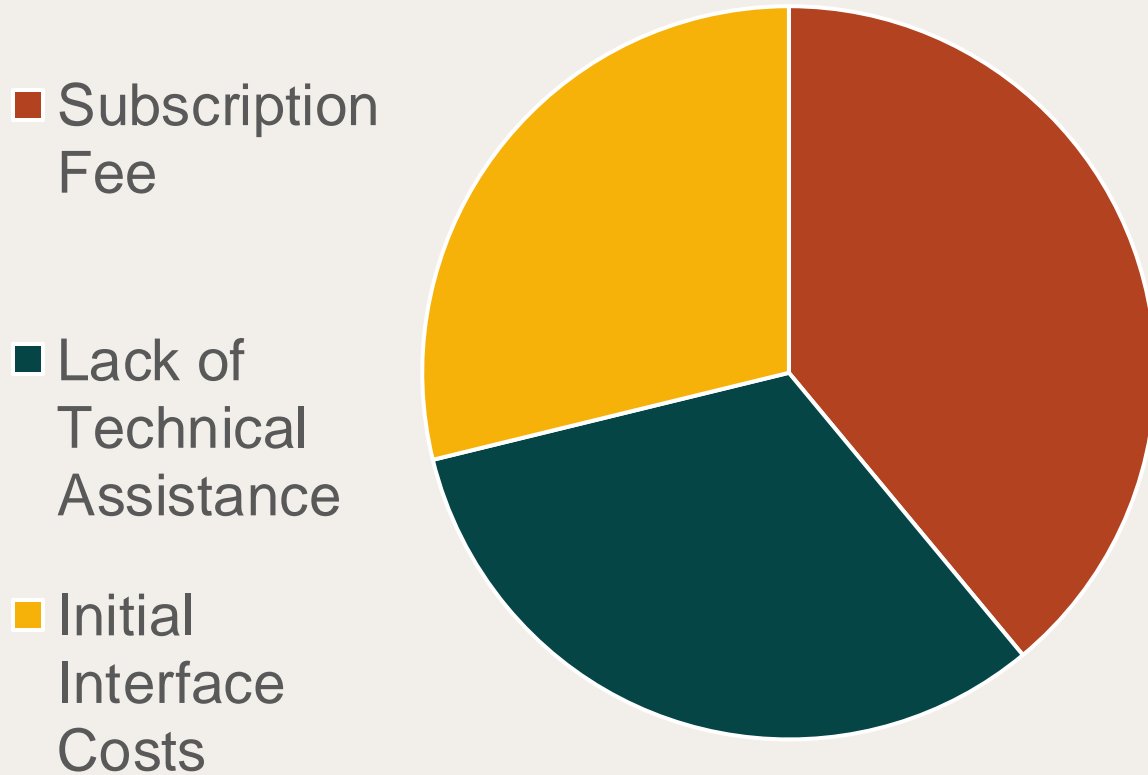


85% of respondents with an interoperable EHR indicated their organization takes advantage of the interoperability features

64% of respondents with an EHR are either scanning or manually entering information into their system

HHIE Awareness and Use

Barriers to HHIE Participation



60% of respondents indicate a familiarity with HHIE

39% of respondents indicate use of HHIE products and services

73% of the respondents using HHIE products and services, indicate HHIE is helpful in addressing their interoperability needs



Community Workgroup Report and Recommendations



Workgroup Recommendations

State should support critical statewide infrastructure

Subsidize technical onboarding support for providers

Consider provider readiness and resources before mandating data sharing

Next Steps for Hawaii

System
Upgrades

Provider
Training and
Support

Strategic
Partnerships

Call to Action



Invest in Infrastructure



Prioritize Training



Foster Collaboration



Prepare for Tomorrow



CHECK OUT OUR AGENDA!

SCAN

