


ONC 2023

ANNUAL MEETING

The Future of Pharmacy Interoperability

December 15, 2023

1:00-2:00PM



ONC 2023

ANNUAL MEETING



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ONC 2023 ANNUAL MEETING



Check out the agenda,
speaker bios, venue
layout, and more!

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Today's Agenda
December 15, 2023

8:30 – 11:30 am	Plenary Session: Rooting Out Racial Bias in Healthcare AI
11:30 am – 1:00 pm	Lunch on your own
1:00 – 2:00 pm	Breakout Session III: The Future of Pharmacy Interoperability
2:00 – 2:30 pm	Break
2:30 – 3:30 pm	Breakout Sessions IV: View the ONC Annual Meeting app for details

Panelists



**Samm Anderegg,
DocStation**



**Brian Fung,
Verily**



**Meg Murphy,
Surescripts**



**Rick Sage,
NCPDP**



**Lisa Schwartz,
NCPA**

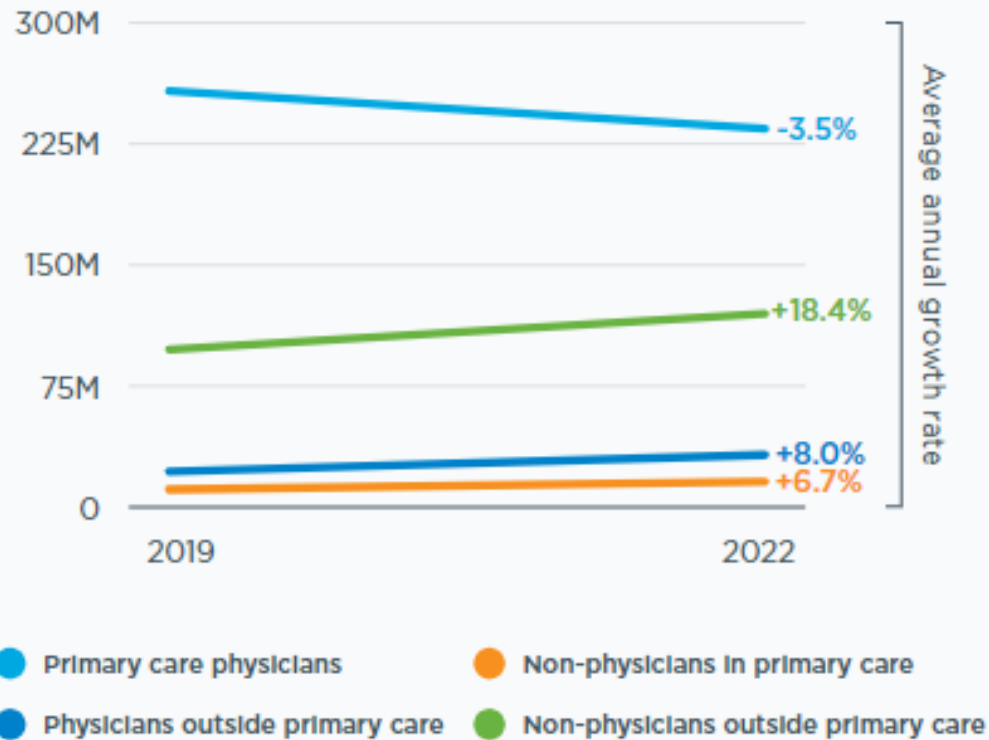


**Tricia Lee Rolle,
ONC Moderator**



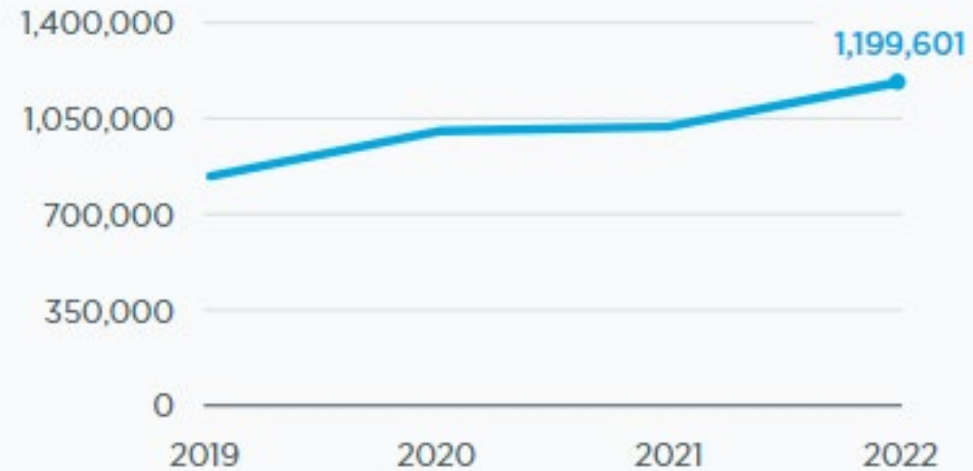
What trends are we seeing in who is prescribing medications for chronic conditions?

New e-prescriptions for diabetes, high cholesterol & hypertension medications by prescriber type

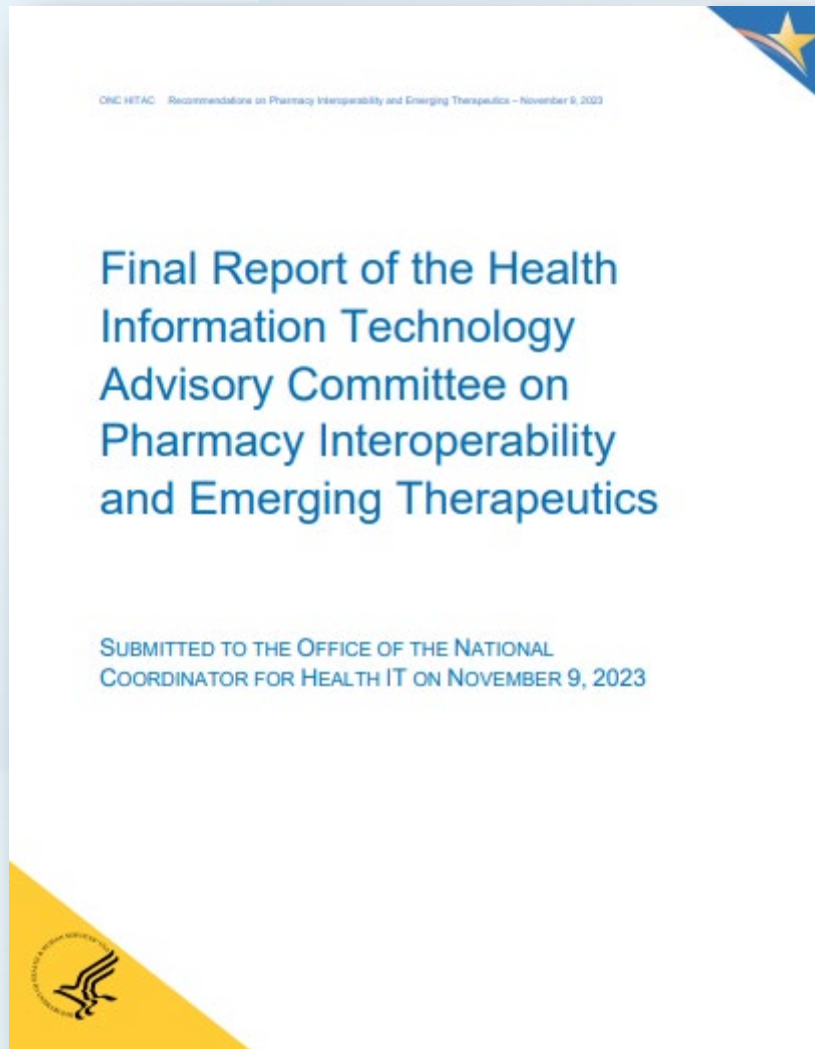


How many new e-prescriptions are issued by pharmacists?

New e-prescriptions issued by a pharmacist



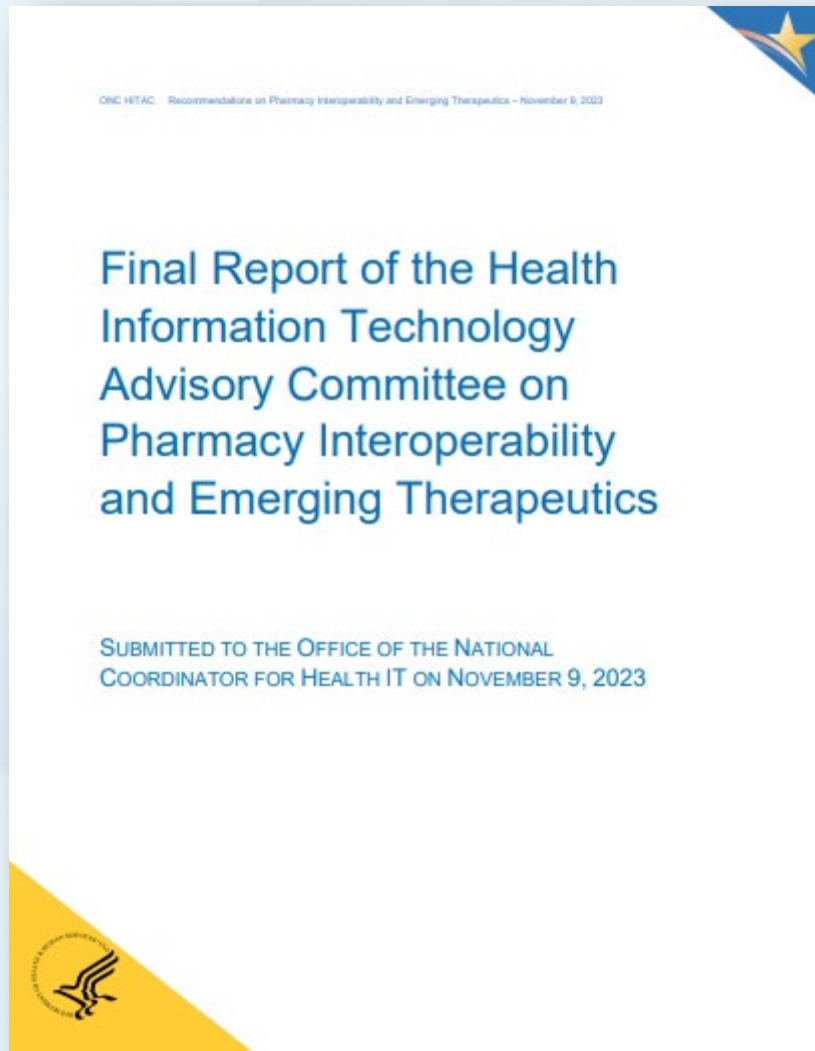
2023 HITAC Task Force on Pharmacy Interoperability and Emerging Therapeutics



Use Cases

- ❖ **Bi-Directional Access to Individual Patient Data Supporting Testing Through Treatment Process**
- ❖ **Incorporate Pharmacist into the Care Team**
- ❖ **Consumer Engagement**
- ❖ **Data-Driven Medication-Related Population Level Interventions**
- ❖ **Pharmacy Quality Measures of Clinical Pharmacy Services**
- ❖ **VBC Quality Measures Cross Care Team**
- ❖ **Public Health**
- ❖ **Patient Safety**

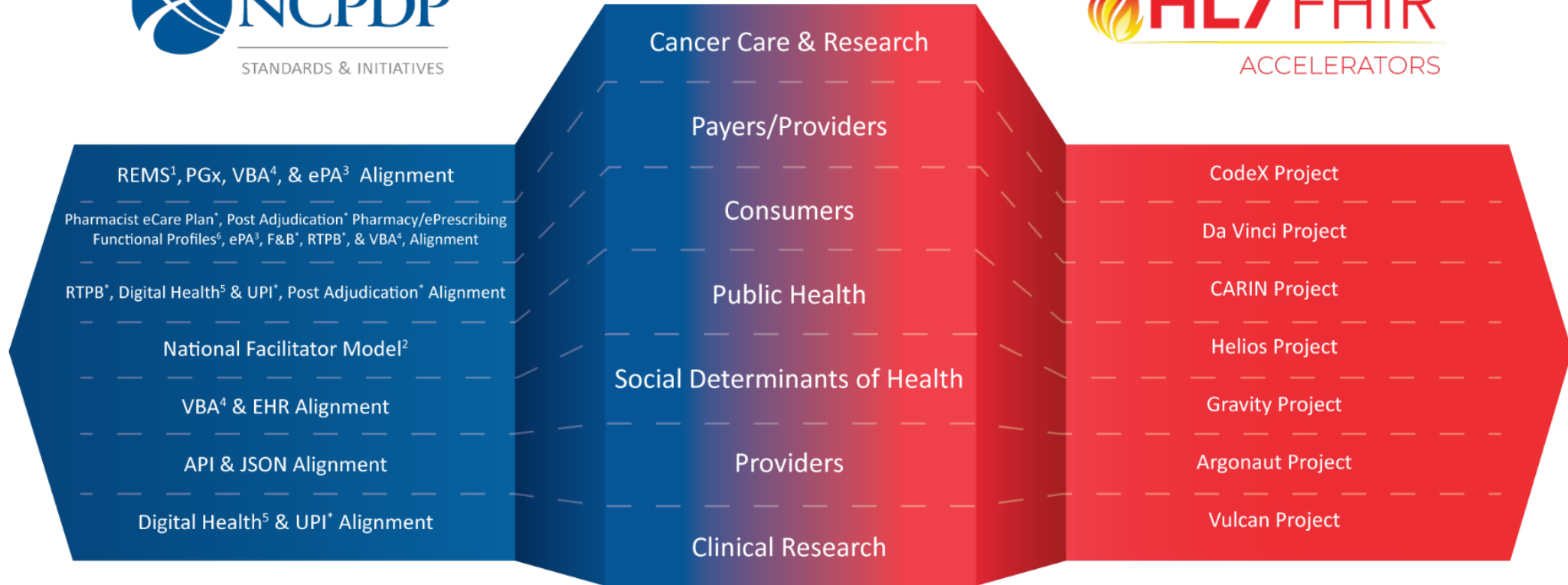
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NCPDP & HL7 FHIR Cross-Pollination

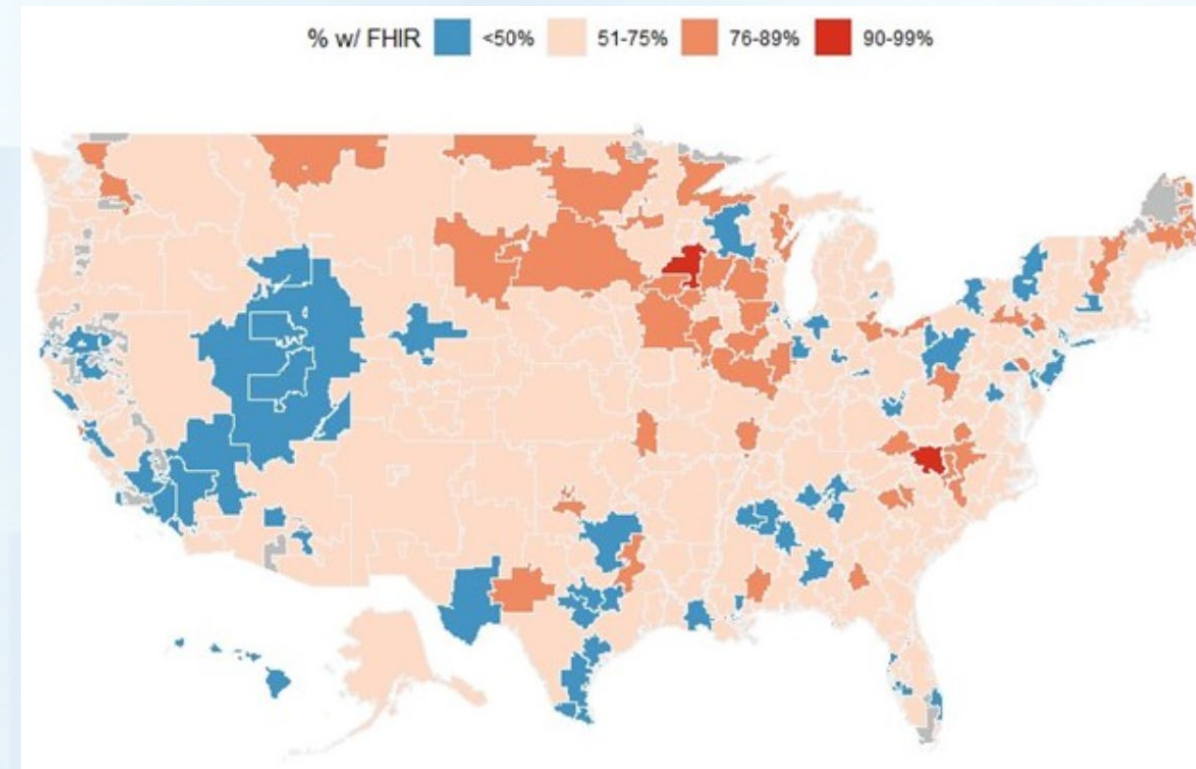
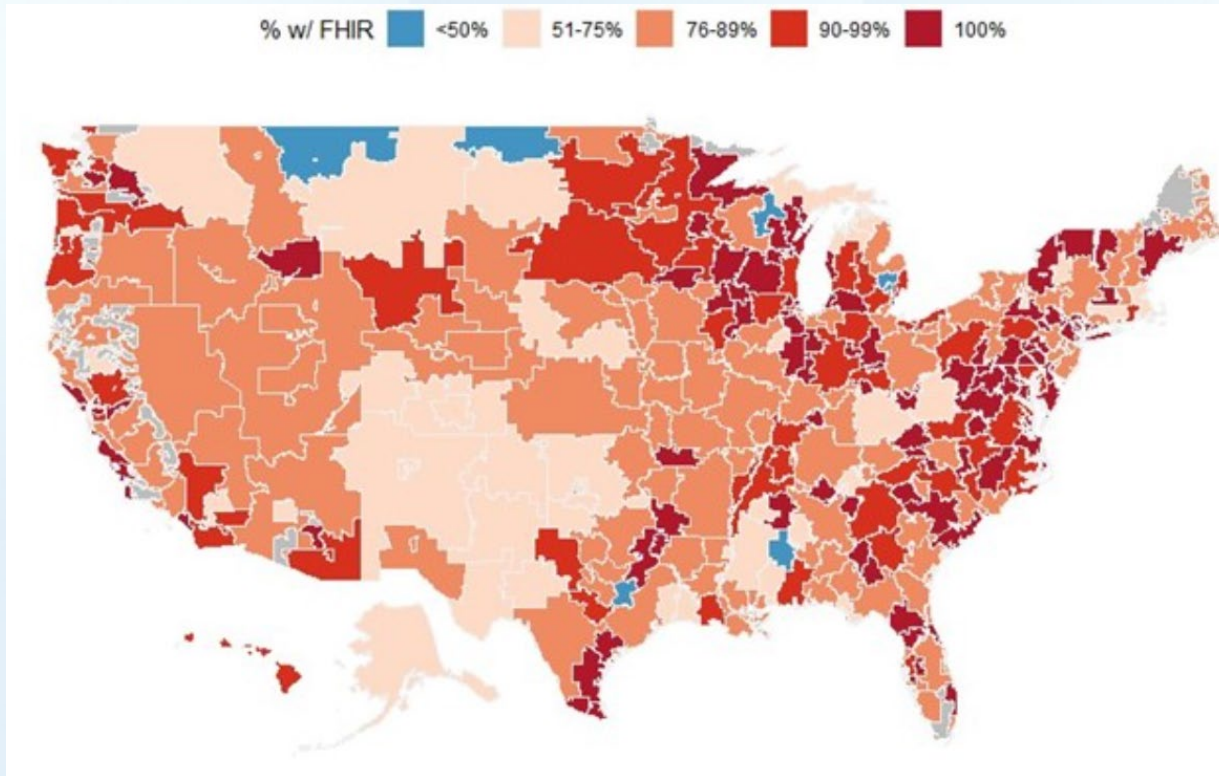


Legend	
* Existing NCPDP Standard	⁴ Supported by SCRIPT, Telecom & Pharmacist eCare Plan Standards
¹ Supported by Telecom & SCRIPT Standards	⁵ Supported by Billing Unit, Product Identifiers, SCRIPT, Telecom, F&B, RTPB & Benefit Integration Standards
² Supported by SCRIPT, Telecom, & UPI Standards	⁶ Separate standards developed jointly between NCPDP and HL7
³ Supported by SCRIPT Standard	

FHIR API Adoption

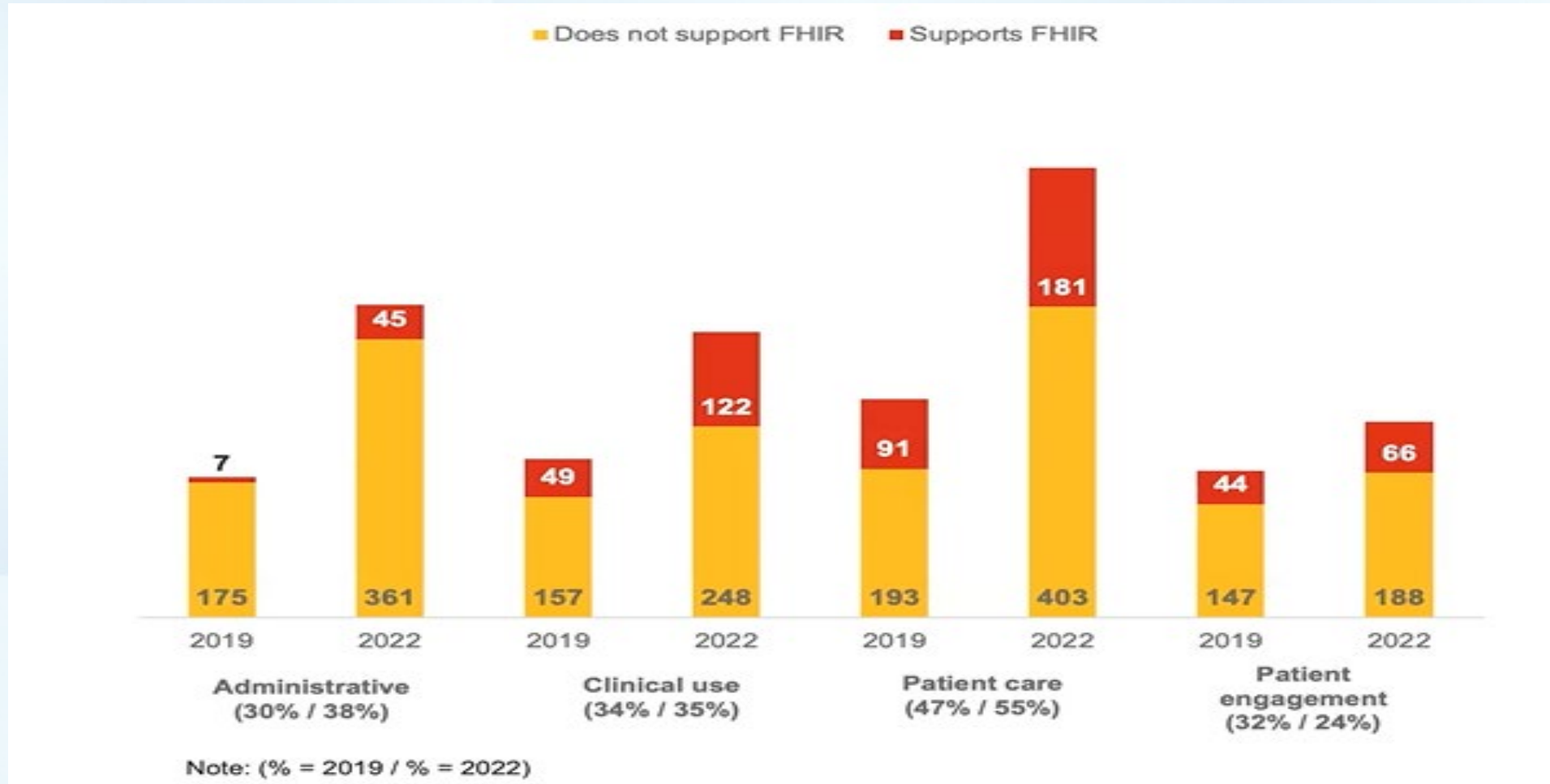


Percent of all hospitals (LEFT) and clinicians (RIGHT) who adopted and implemented certified API technology enabled with FHIR in 2019, by healthcare referral region (HRR)



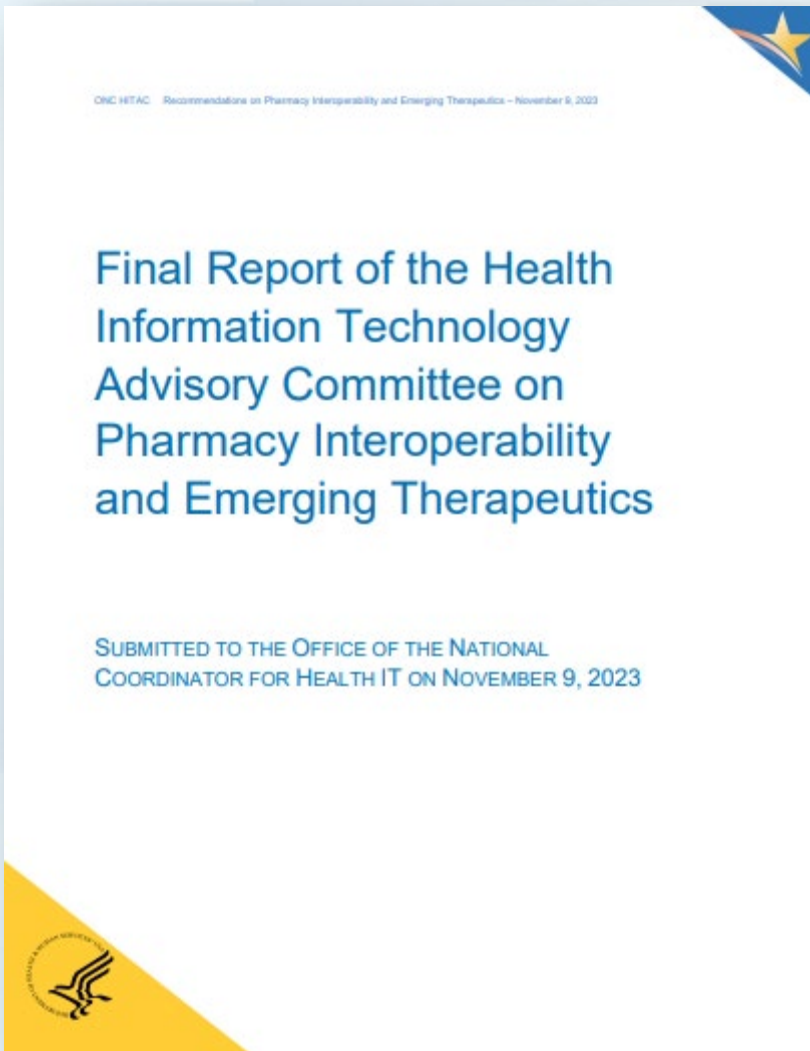
Changes in Types of Third Party EHR Apps 2019-2022

In 2019, 18% of apps described support for FHIR compared to 25% of apps in 2022



Apps discoverable in the marketplaces for Allscripts, Athenahealth, Cerner, Epic and the SMART App Gallery from 2019 (n=600) to 2022 (n=1071)

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Let's Play a Game!

NOW or LATER?

- **Consider the following futuristic functionality. Respond to indicate its availability:**
 - Today: It's available now!**
 - 2-5 Years: On the way!**
 - 5-10 Years: Possible, but there's more to do.**
 - 10+ Years: I don't know. We'll see.**
 - Never: Uh, nah.**



NOW or LATER?



Poll 1: **ONC provides catered lunch at its Annual Meeting**

- Today: It's available now!**
- 2-5 Years: On the way!**
- 5-10 Years: Possible, but there's more to do.**
- 10+ Years: I don't know. We'll see.**
- Never: Uh, nah.**

NOW or LATER?

Poll 2: You've heard of real-time benefit checks. What about real-time inventory checks?

- Today: It's available now!**
- 2-5 Years: On the way!**
- 5-10 Years: Possible, but there's more to do.**
- 10+ Years: I don't know. We'll see.**
- Never: Uh, nah.**



NOW or LATER?

Poll 3: 3D Printed Generic Drugs

- Today: It's available now!
- 2-5 Years: On the way!
- 5-10 Years: Possible, but there's more to do.
- 10+ Years: I don't know. We'll see.
- Never: Uh, nah.



NOW or LATER?



Poll 4: Ai-predicted drug response and side effect profiles

- Today: It's available now!
- 2-5 Years: On the way!
- 5-10 Years: Possible, but there's more to do.
- 10+ Years: I don't know. We'll see.
- Never: Uh, nah.

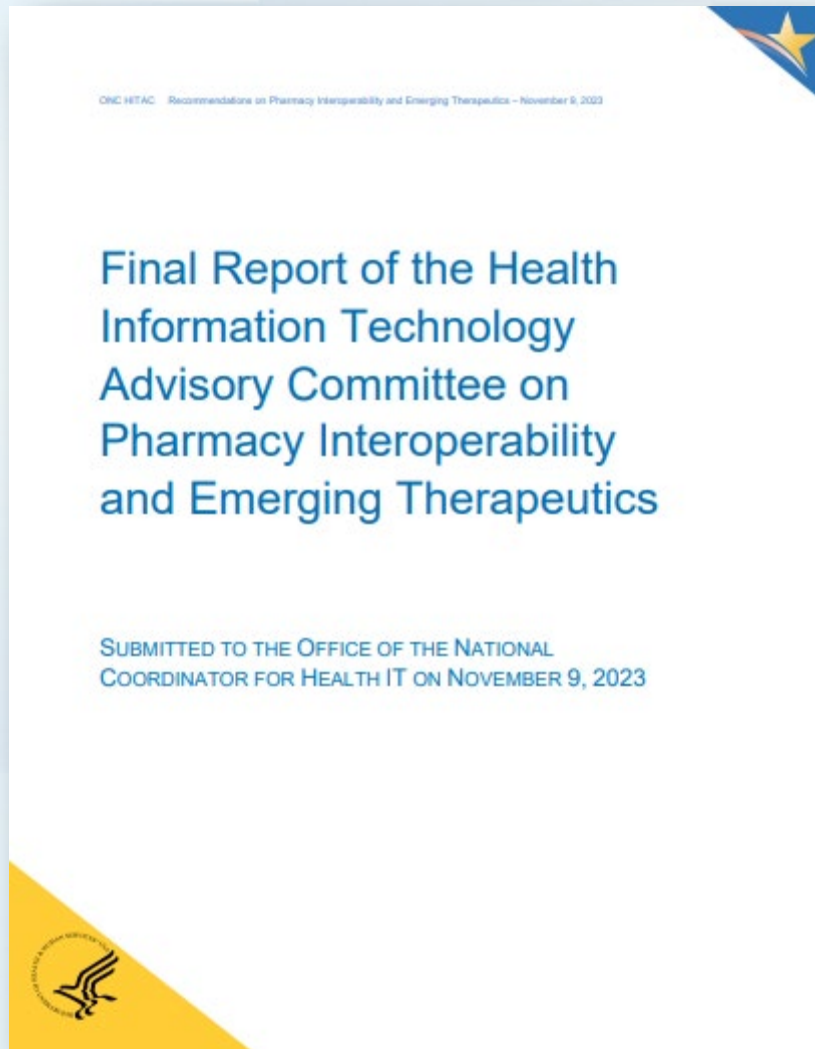
NOW or LATER?



Poll 5: App store prescribed digital therapeutics

- Today: It's available now!
- 2-5 Years: On the way!
- 5-10 Years: Possible, but there's more to do.
- 10+ Years: I don't know. We'll see.
- Never: Uh, nah.

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Audience Q&A



Office of the National Coordinator
for Health Information Technology

Contact ONC

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