





Rhode Island HIE/PDMP Integration Efforts

25 October 2017

PDMP East Regional Meeting

Burlington, VT

Table of Contents



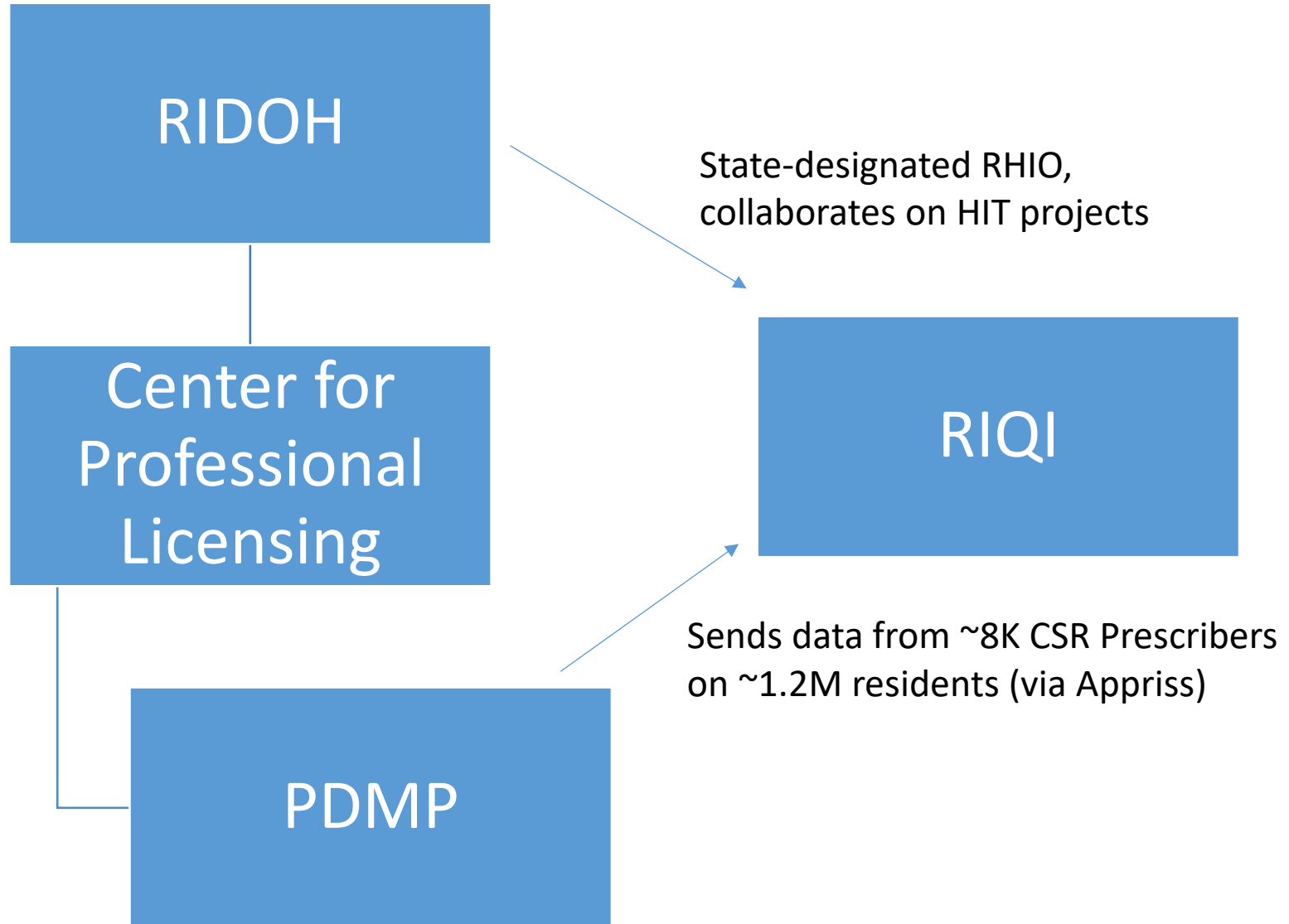
1. Context
2. What do we mean by “HIE/PDMP integration?”
3. Why integrate?
4. How to integrate?
5. Connection model
6. Challenges
7. Timeline
8. Next steps

Context



- RI PDMP lives within RI Department of Health (RIDOH)
- HIE lives within Rhode Island Quality Institute (RIQI, the state-designated RHIO)
- RI has ~1.2M residents
- RI has 7,833 Prescribers who hold an active Controlled Substance Registration (as of 9/2017)

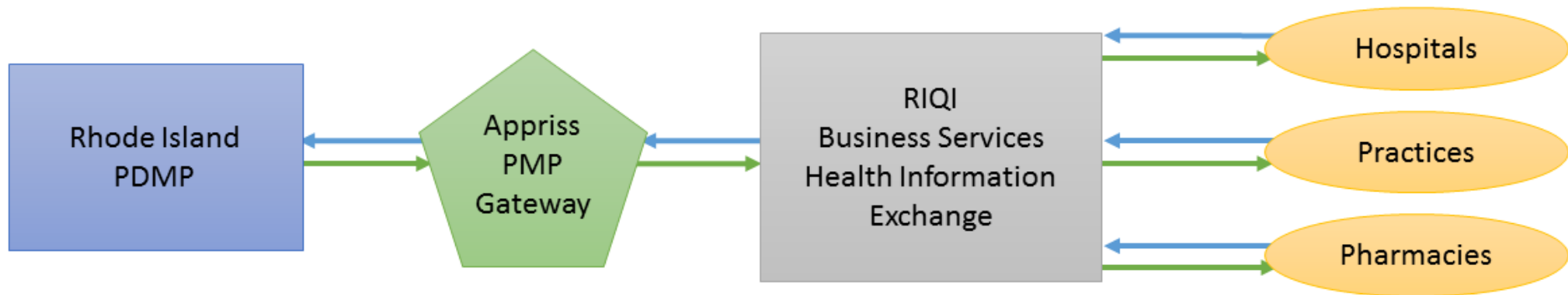
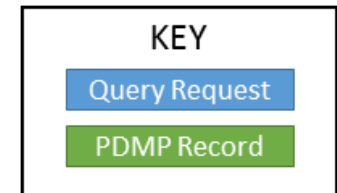
Context



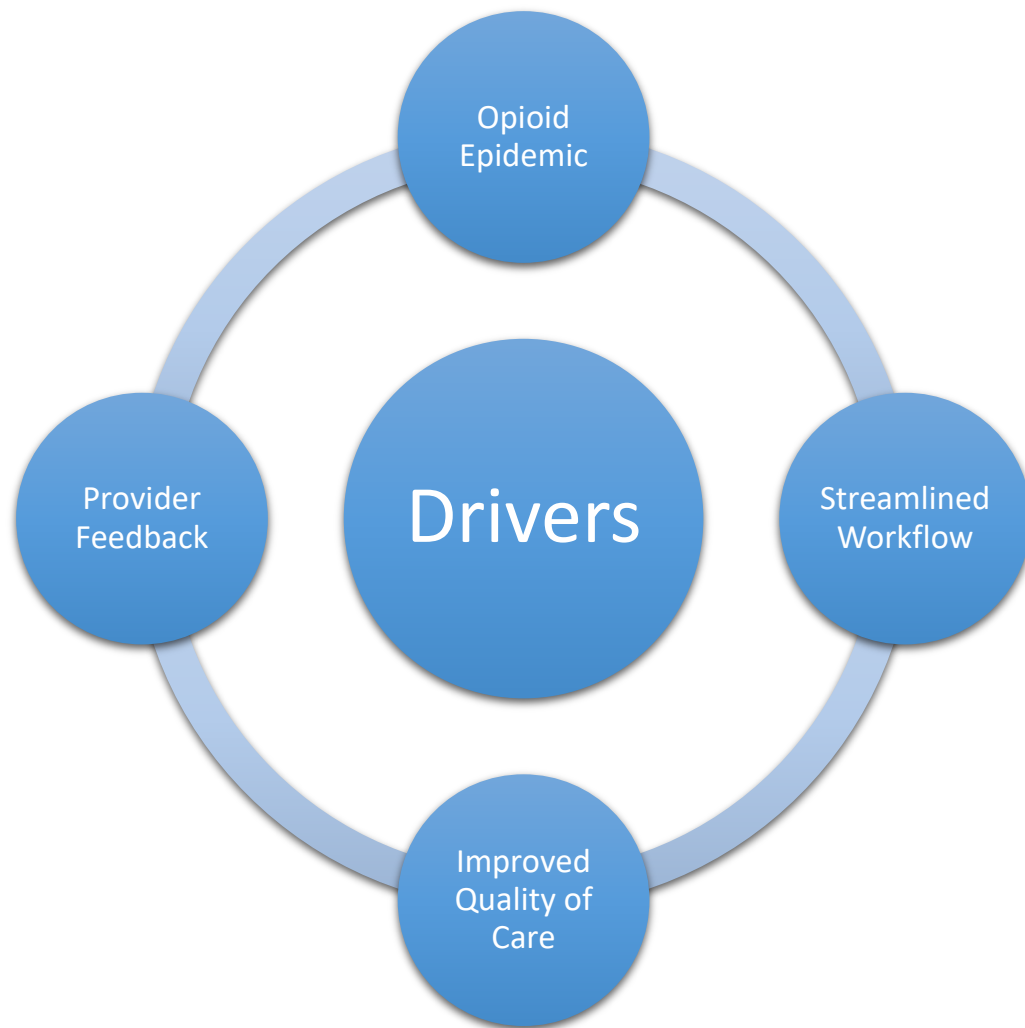
What do we mean by “HIE/PDMP integration?”



- RIQI has connections with providers for HIE operations
- Connect Appriss (PDMP vendor) to RIQI
- Appriss sends PDMP data to RIQI
- RIQI sends PDMP data to providers



Why integrate?



Tactical reason

- *Compliance is terrible*
- 20% provider compliance for checking the PDMP (as of 9/2017)

How to integrate?



- **Legal framework**
 - “**All practitioners shall**, as a condition of the initial registration or renewal of the practitioner's authority to prescribe controlled substances, **register with the PMP database** maintained by [RIDOH].”
 - 216-RICR-20-20-4

How to integrate?



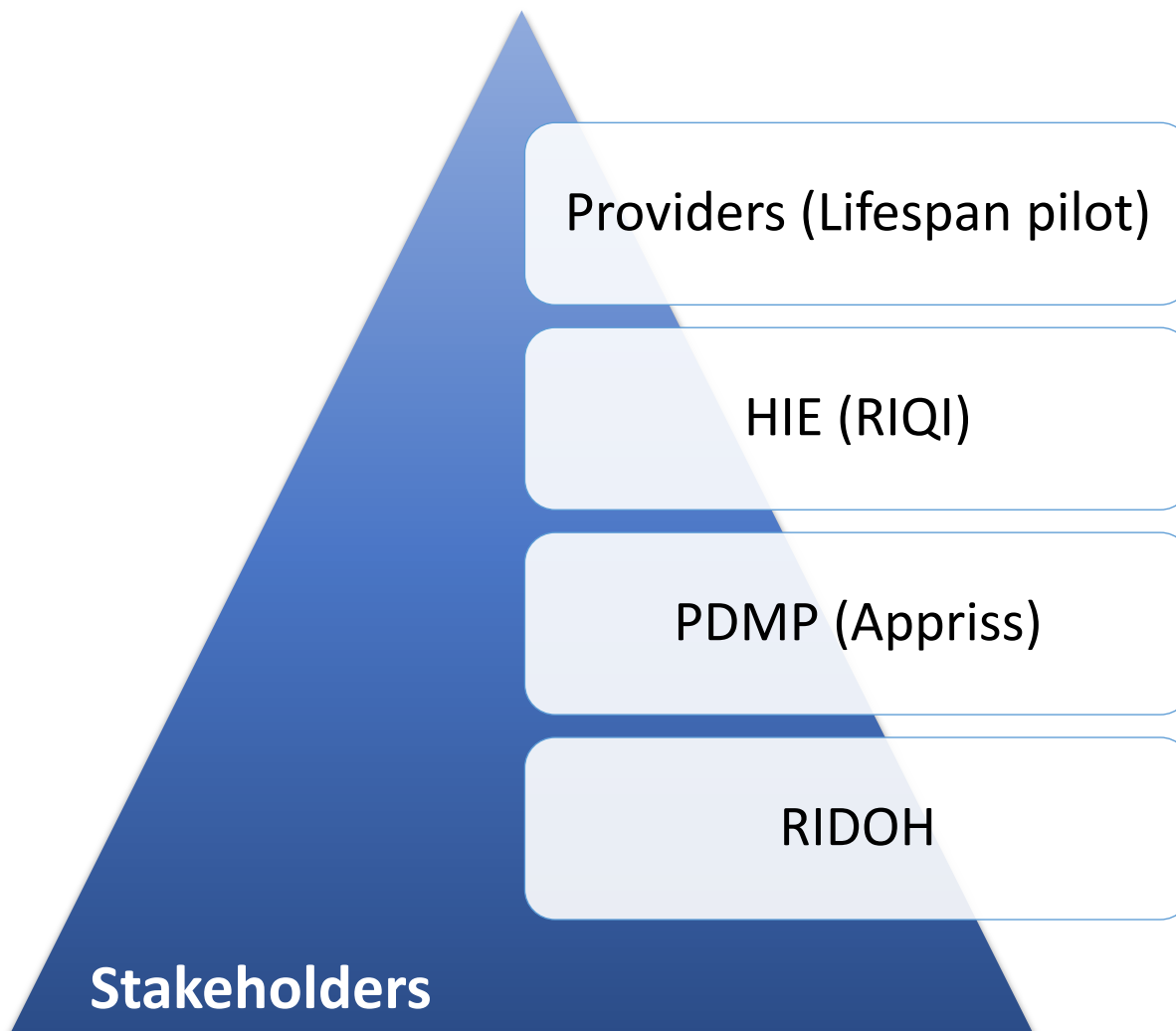
- **Legal framework**
 - “The prescription-monitoring program shall be **reviewed prior to starting any opioid**. A prescribing practitioner, or designee [...] shall review the prescription-monitoring program **prior to refilling or initiating opioid therapy with an intrathecal pump**. For patients the prescribing practitioner is maintaining on continuous opioid therapy for pain for three (3) months or longer, the prescribing practitioner shall review information from the prescription-monitoring program **at least every three (3) months.**”
 - R.I. Gen. Laws § 21-28-3.20(b)

How to integrate?



- **Legal framework**
 - With integration, providers get a waiver from checking the PDMP via web
 - RIDOH can audit provider use of integrated workflow via Appriss reports

How to integrate?



How to integrate?



- **Connection model**
 - Provider organizations connect to RIQI, RIQI connects to Appriss
 - Integration utilizes the Appriss **single sign-on (SSO)** model
 - Allows RI to easily integrate with other states
 - Preferred user experience
 - Built in auditing capabilities for RIDOH
 - Does NOT co-mingle the prescription data with Medication History data within EMR
 - Chosen over NCPDP model

Challenges



- **Initial connection model**
 - Have Appriss connect to and integrate directly with provider EHRs vs. integrate via the HIE
- **Funding and sustainability**
 - Initial funding via RIDOH grants from SAMHSA, ESOOS
 - RIDOH will cover Appriss license fees in year 1
 - HIE/providers will be responsible after year 1

Challenges



- **Interstate data sharing**
 - HIE will have to get consent of other states to be able to access their PDMP info via Appriss
 - Ideally, Appriss would allow states to sign ONE consent form with RIQI
 - Versus requiring each state to sign a consent form with every organization that gets onboarded in the future

Timeline



Phase 1 build-out

You are here

August 2017

8/30
Business
Requirements
deliverable
submitted

September
2017

9/22:
Architecture and
Technical Design
deliverable
submitted

9/29:
Connections to
PMP Gateway,
Lifespan
established

October
2017

10/23:
User acceptance
testing

November
2017

11/14:
Production go-live

- **Phase 2: Statewide rollout**
 - Perform similar integration with other provider organizations already connected with HIE

Next steps



- Survey Lifespan providers re: experience with PDMP integrated into EHR
- Integrate PDMP into pharmacy workflow
 - Working with **CVS** to integrate PDMP into their record system in **all RI stores**
- Integrate PDMP data into more EHRs via HIE
 - Phase 2: Statewide rollout
- Intelligent ED Alerts
 - Predictive risk modeling using PDMP data, among other sources



Ask me anything!

Siena Napoleon, MPH
PDMP Project Director
Rhode Island Department of Health
siena.napoleon@health.ri.gov