LEVERAGING IIS EDUCATION THROUGH THE LEARNING MANAGEMENT SYSTEM

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OUR MISSION:

To promote, protect, and improve the health and safety of all Hoosiers.

OUR VISION:

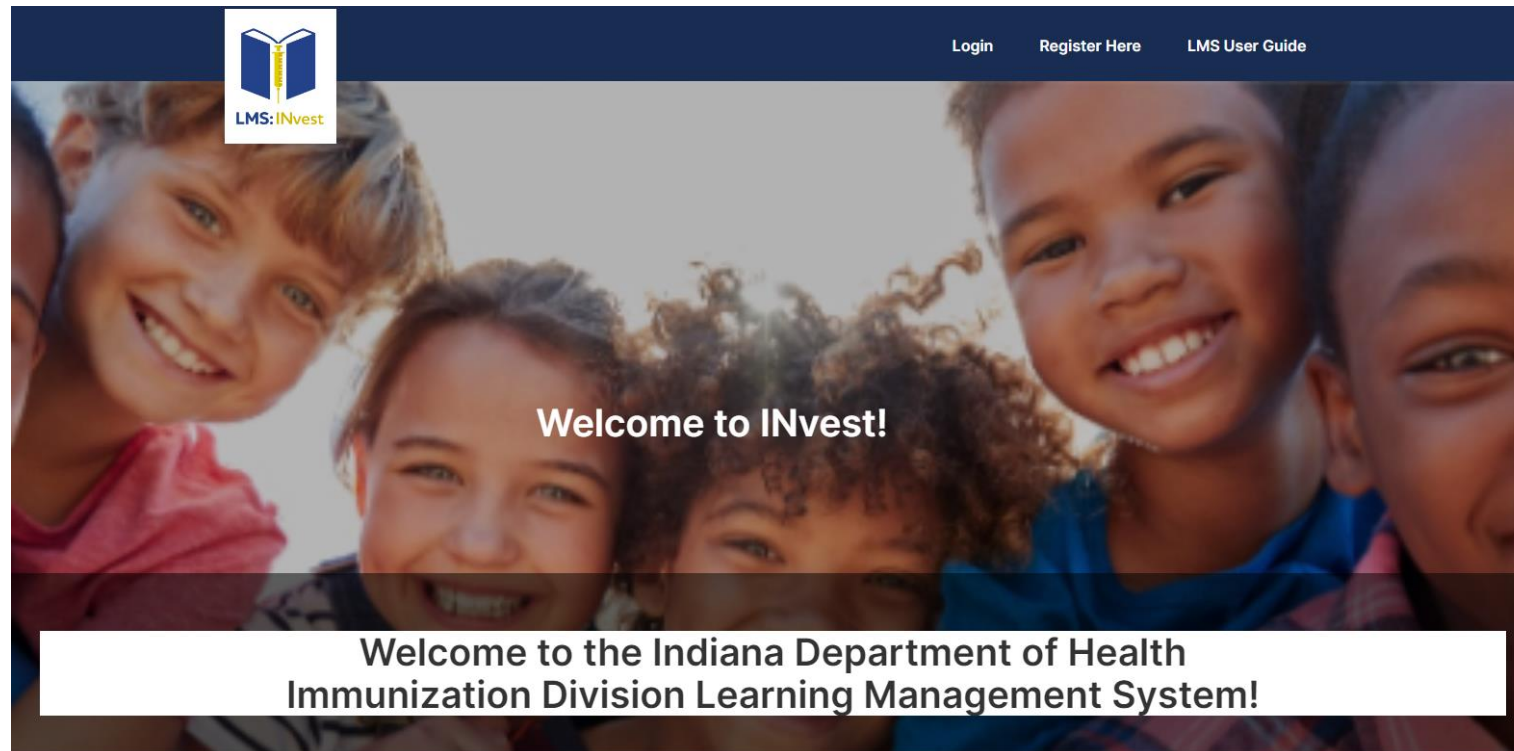**Every Hoosier reaches optimal health regardless of where they live, learn, work, or play.**

Overview

1. Background

2. Methods

3. Results

4. Next steps

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LMS INvest

Indiana's LMS: INvest!

Background: Stages of training deployment

Conception

Internal Website Launched
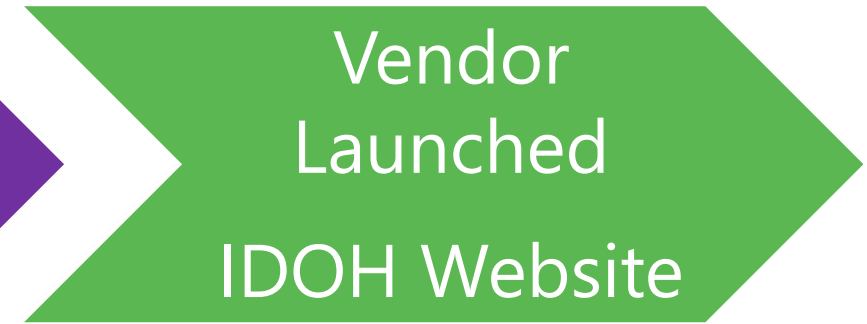
Vendor Launched

IDOH Website

- Reorganization
- Apply for PHAP

- Courses created
  - Articulate storyline

COVID-19 Pandemic
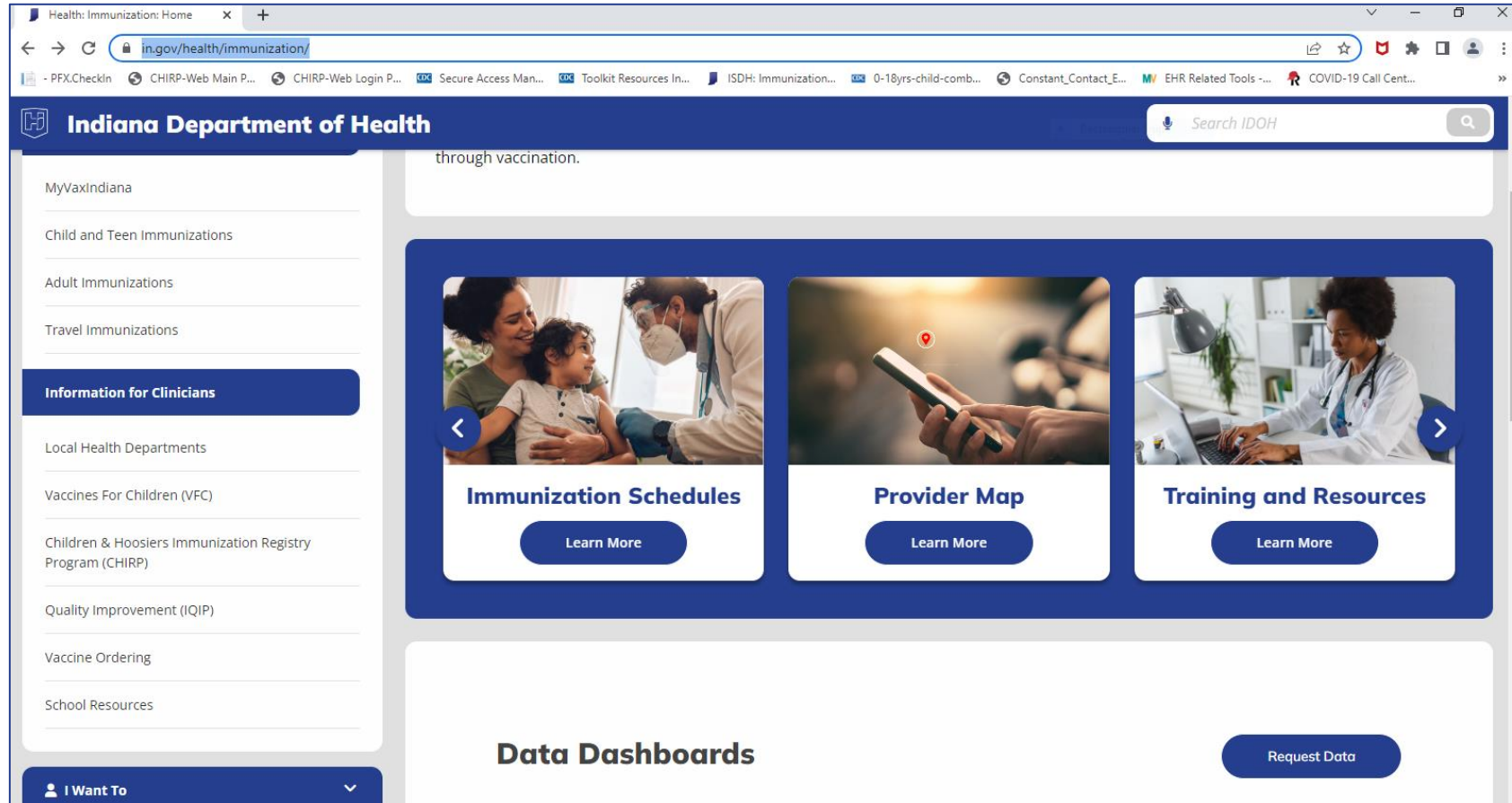
- Updated/added content
- Additional functionality in course creation, reporting, certification
- A to Z CME/CNE
- Metrics

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- Accessibility/ flexibility

- Centralized resources

- Embedded IDOH links

- Internal administration

https://www.in.gov/health/immunization/

Why use an LMS?

- Vaccines for Children program is highly complex and continually evolving

- Standardized messaging

- Consistent, high-quality training by subject matter experts

- Adults learn very differently than children. Adult learners:
  - Guide own development
  - Thrive on goal setting
  - Require ownership

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We wanted to offer more support to our providers

A Learning management system (LMS) helped us focus our training goals on patient immunization outcomes.


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LMS: INvest highlights

- Interactive modules

- Full courses:
  - FREE CME/CNE credits
  - Latest C-19 vaccine information

- References and resources tabs

- Widgets with badges and certificates

- Track progress

- Compete with your colleagues for the highest score!

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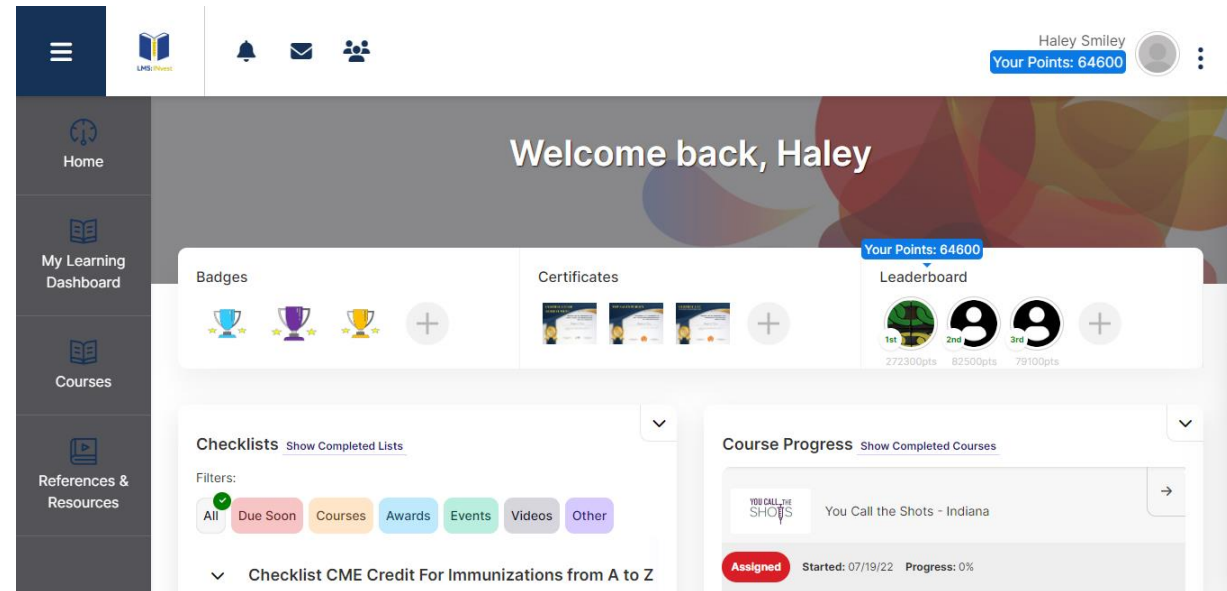
LMS navigation

- Sign-up with the "register here" button

- Current CHIRP users must register and create an account

- VFC, non-VFC, basic user access

- User guide available
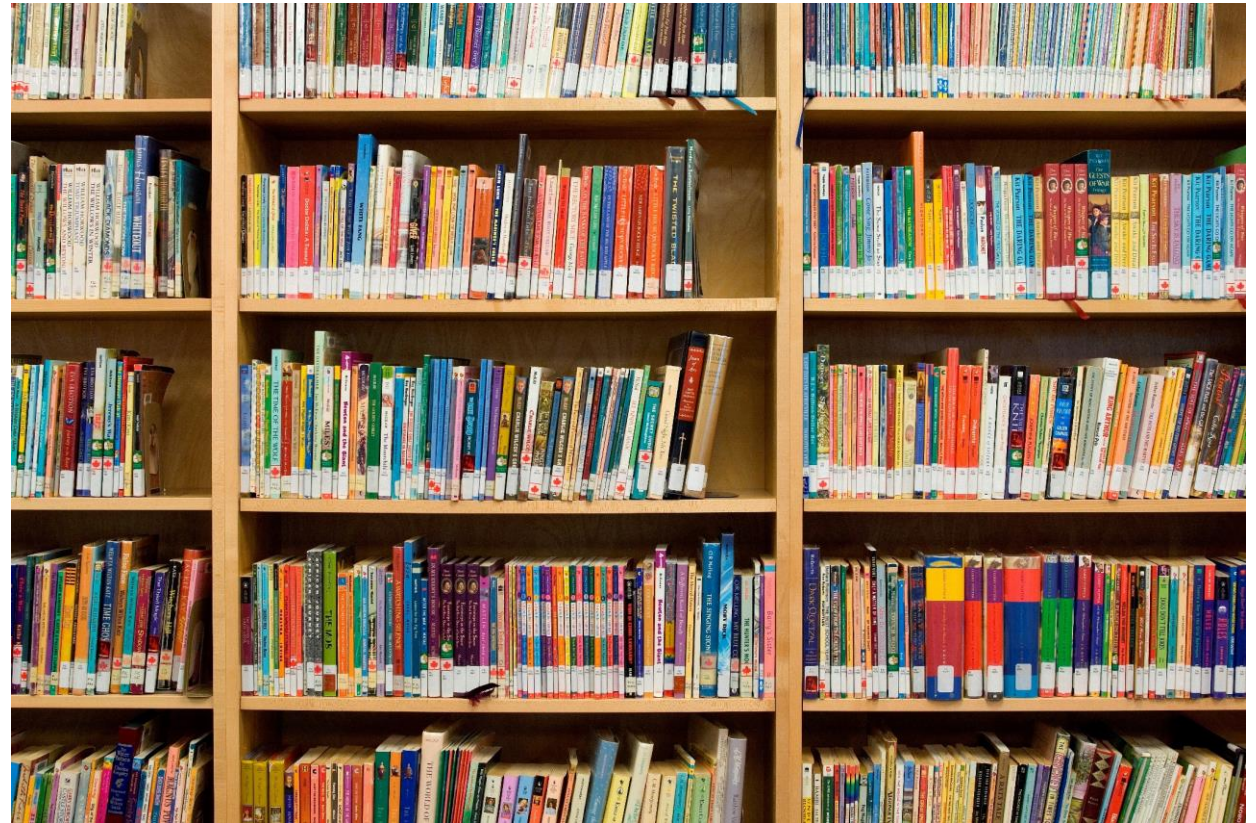
- Questions? Need more details? The LMS User Guide
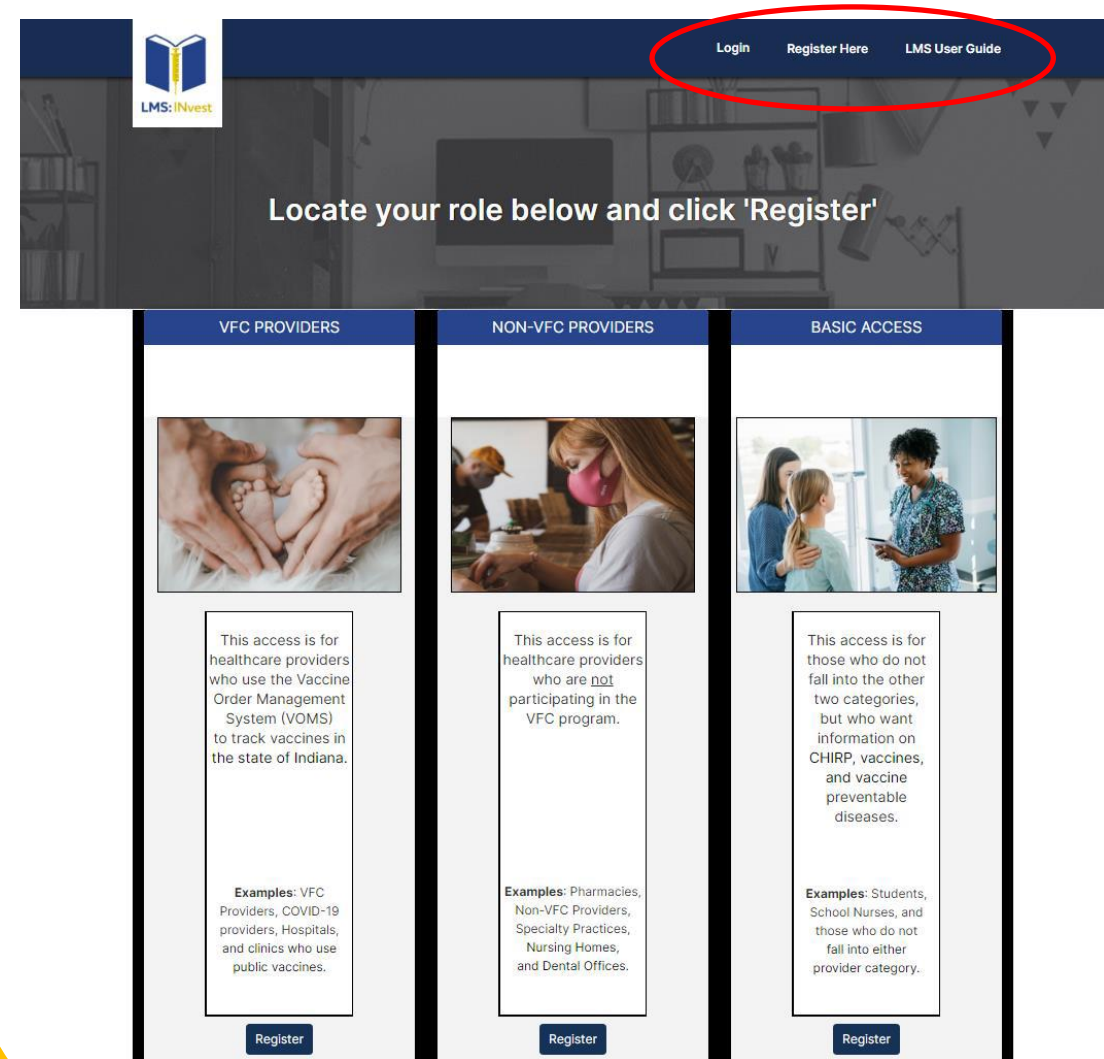
LMS: INvest library catalog

<u>Required</u>

- VFC Provider Annual Training
- You Call the Shots
- Invalid Doses and Combination Vaccines

<u>Highly Recommended</u>

- School Nurse
- Storage and Handling
- VOMS 2.0 Video Training Series

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Modules with CME/CNE credits

Immunizations from A to Z

1. Principles of Vaccinations
2. General Recommendations
3. VPD Parts 1 and 2
4. Vaccine Storage and Handling

5. Timing and Contraindications
6. Vaccine Administration
7. Talking with Parents
8. COVID-19

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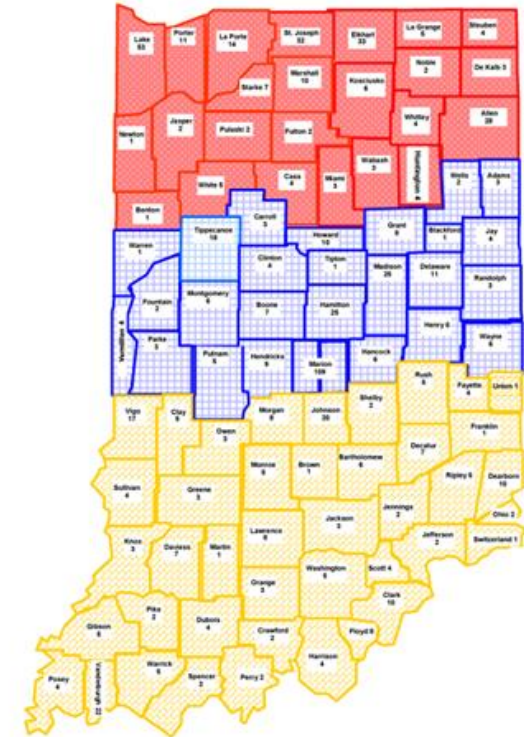
Methods

- Needs assessment

- Customize learner compliance

- Interactive quizzes throughout

- Main quiz at the end to track progress

- User must click throughout to get full credit

- Short survey at the end to confirm completion

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Validation of the new LMS platform

The following questions were used to evaluate our needs for a new platform and content:

- Does it track unique users?
- Is it complicated to navigate?
- What interactivity is available?
- Can the navigation be customized?
- Are there grammatical errors in new content?
- Do the quizzes properly evaluate the content?
- Are the certificates/badges automated?
- What reporting is available for the course/user?
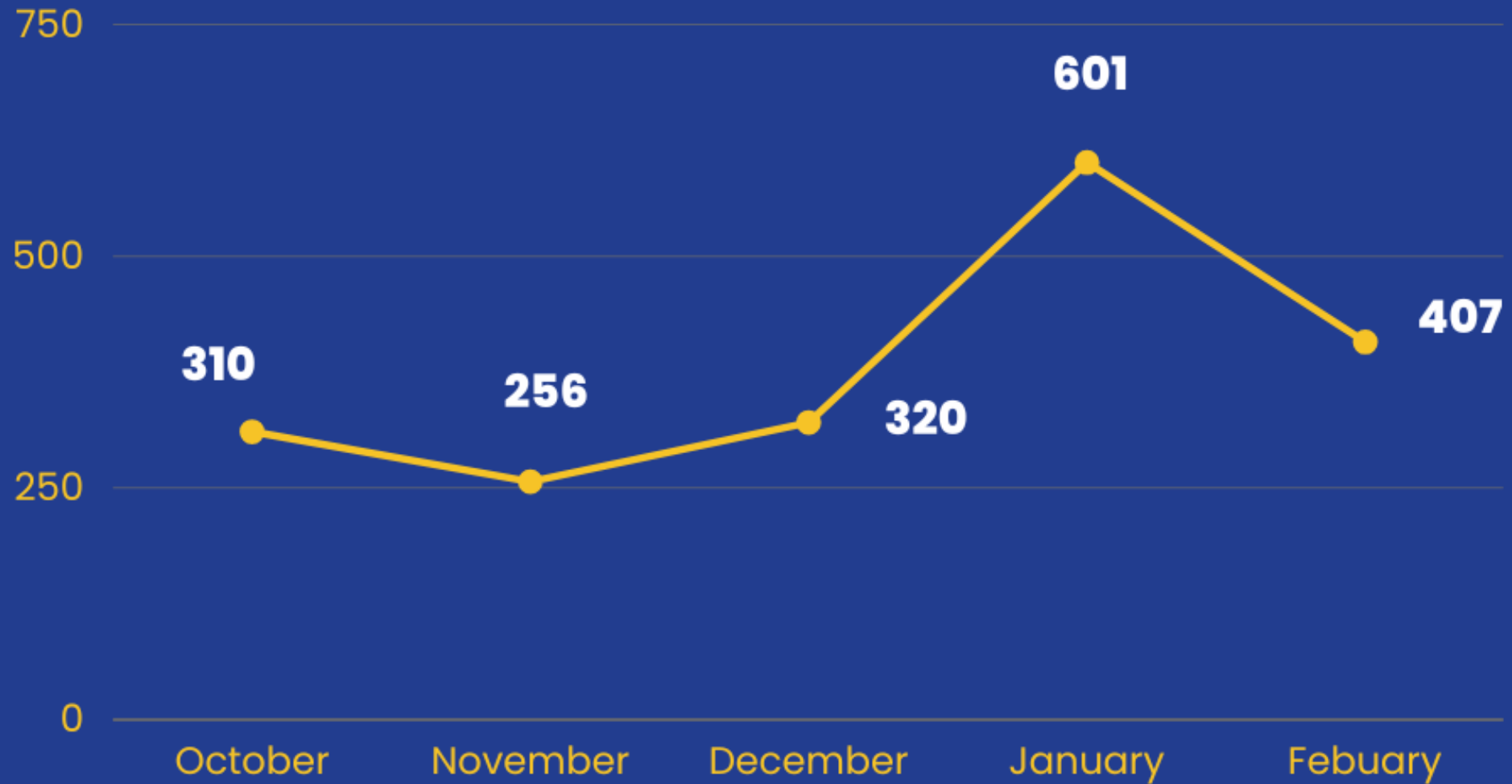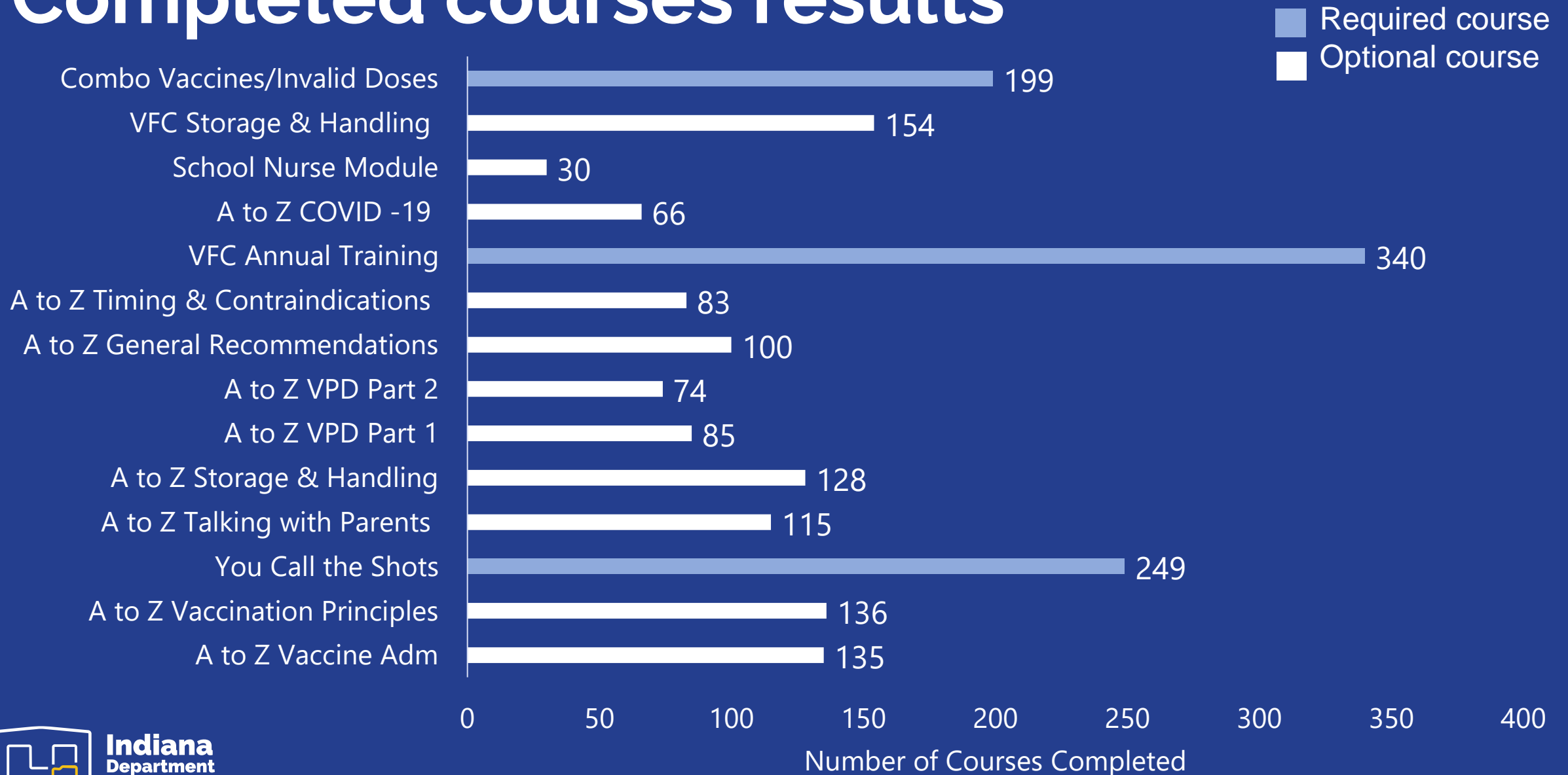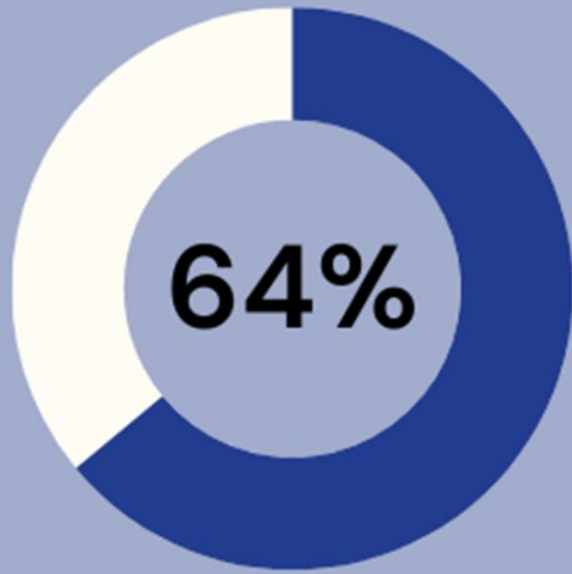- How is learner feedback collected?

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Results

Modules completed per month (unique users)

Completed courses results

Required course
Optional course

Course	Number of Courses Completed
Combo Vaccines/Invalid Doses	199
VFC Storage & Handling	154
School Nurse Module	30
A to Z COVID -19	66
VFC Annual Training	340
A to Z Timing & Contraindications	83
A to Z General Recommendations	100
A to Z VPD Part 2	74
A to Z VPD Part 1	85
A to Z Storage & Handling	128
A to Z Talking with Parents	115
You Call the Shots	249
A to Z Vaccination Principles	136
A to Z Vaccine Adm	135

Number of Courses Completed

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64%

1.95 Days

41.6%
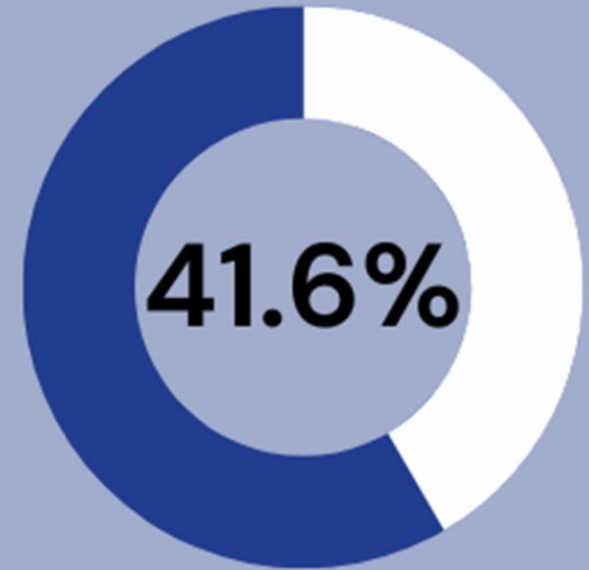
64% of users are unique users taking multiple modules

The average to complete a module is 1.95 days

41.6% of unique users only took required courses

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Challenges for Indiana

- Keeping all the modules and courses in line with ACIP recommendations

- Changes to policies for VFC

- Reference guides must be kept up to date

- Reaching school nurses

- Bandwidth to develop new content

- Limitations on feedback for modules not completed

- Not everyone learns well virtually

- Some material is hard to teach and learn online (hard to get through logic and concepts)

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• Conclusions and next steps

Conclusions

- Increase productivity
- Empower providers
- Continuous learning
- Providers self sufficient more personalized
- IZ staff focus on improvement
- Training variety

Next Steps

- New trainings-possible before access to CHIRP
- Marketing usage
- Increase functionality – directly connect IIS to LMS with user ID to track performance
- School nurse
- New! Media tracking on reference/resources

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Questions?

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