## Set 1

Poll 1: Which of the following barriers have you experienced related to provider IIS reporting that may be impacting the numerator/denominator for IISAR reporting?

- A. 14/58 (24%) Many interfaces for providers pursuing MU incentives
- B. 21/58 (36%) Changes in EHRs
- C. 16/58 (28%) Changes in reporting structure (buy-outs, merges)
- D. 18/58 (31%) Broken or inactive interfaces
- E. 8/58 (14%) Desire to engage non-vaccinating providers
- F. 10/58 (17%) Interest in knowing about "all," vaccinating providers in a jurisdiction 27/58 (47%) No Answer

Poll 2: How effective do you think the identified strategies will be for addressing the barriers?

#### Cleaning up the data:

- A. 4/57 (7%) We do this consistently and it's very effective
- B. 17/57 (30%) We do this periodically, and it works OK
- C. 3/57 (5%) We do this, but it doesn't work well
- D. 1/57 (2%) We do this, but we might as well not do it
- E. 1/57 (2%) Haven't tried it

31/57 (54%) No Answer

### Assessing and prioritizing provider sites for follow-up:

- A. 7/57 (12%) We do this consistently and it's very effective
- B. 16/57 (28%) We do this periodically, and it works OK
- C. 3/57 (5%) We do this, but it doesn't work well
- D. 0/57 (0%) We do this, but we might as well not do it
- E. 3/57 (5%) Haven't tried it

28/57 (49%) No Answer

# Routinely monitoring interfaces/data input to assure on-going submission:

- A. 8/57 (14%) We do this consistently and it's very effective
- B. 10/57 (18%) We do this periodically, and it works OK
- C. 3/57 (5%) We do this, but it doesn't work well
- D. 1/57 (2%) We do this, but we might as well not do it
- E. 0/57 (0%) Haven't tried it 35/57 (61%) No Answer

# Regular follow-up with providers who are not submitting:

- A. 4/57 (7%) We do this consistently and it's very effective
- B. 9/57 (16%) We do this periodically, and it works OK

- C. 1/57 (2%) We do this, but it doesn't work well
- D. 2/57 (4%) We do this, but we might as well not do it
- E. 3/57 (5%) Haven't tried it 38/57 (67%) No Answer

#### Chat: WHAT ELSE HAVE YOU TRIED?

- We merge duplicate clients daily it is neverending
- Careful review of IISAR questions to make sure correct data is being pulled.
- Our data quality team has looked at a few ideas, but I'm not sure about the specifics
- We actively prioritize our waitlist and have started to focus on specialty/flu only sites during the flu season because they don't actively vaccinate other times during the year. We have not spent time looking at those identified in the denominator that aren't submitting to clean up this denominator.

## Set 2

Poll 1: Which of the following barriers have you experienced related to IIS/EHR relationships?

- A. 13/53 (25%) EHR upgrades require additional testing and cause interfaces to fail.
- B. 12/53 (23%) EHR staff turnover.
- C. 16/53 (30%) EHRs that cannot connect to IIS or have processes that slow down onboarding.
- D. 20/53 (38%) Lots of moving parts to the onboarding process not always well coordinated or smooth.
- E. 10/53 (19%) Working with the HIE.28/53 (53%) No Answer

Poll 2: How effective do you think the identified strategies will be for addressing the barriers?

Developing a change control document for EHRs to communicate about changes:

- A. 1/53 (2%) We do this consistently and it's very effective
- B. 3/53 (6%) We do this periodically, and it works OK
- C. 2/53 (4%) We do this, but it doesn't work well
- D. 0/53 (0%) We do this, but we might as well not do it
- E. 7/53 (13%) Haven't tried it 40/53 (75%) No Answer

Developing and EHR profile with information about how to work with each EHR:

- A. 4/53 (8%) We do this consistently and it's very effective
- B. 6/53 (11%) We do this periodically, and it works OK
- C. 2/53 (4%) We do this, but it doesn't work well

- D. 0/53 (0%) We do this, but we might as well not do it
- E. 3/53 (6%) Haven't tried it 38/53 (72%) No Answer

#### Chat: WHAT ELSE HAVE YOU TRIED?

- We tend to have a dedicated contact for each vendor and that has worked well.
- A spreadsheet with EHRs and contacts that is updated periodically.
- We continue to revise a tip sheet that contains the current FAQ around onboarding/ message updates. We also have a provider tracking system that includes vendor who have a webservice connection /acts as a hub which is helpful
- We keep track of information about each EHR and issues we commonly see. We also have screenshots of common issues we see so we can help partners correct issues.

## Set 3

Poll 1: Which of the following barriers have you experienced related to provider data quality for onboarding?

- A. 21/51 (41%) Incomplete fields.
- B. 23/51 (45%) Incorrect CVX/MVX mapping.
- C. 12/51 (24%) Differences between patient demographics in the EHR and IIS.
- D. 16/51 (31%) Need for a data quality review tool or process.
- E. 12/51 (24%) Need for data quality feedback tools and processes. 25/51 (49%) No Answer

Poll 2: How effective do you think the identified strategies will be for addressing the barriers?

Establishing a data quality protocol:

- A. 5/51 (10%) We do this consistently and it's very effective
- B. 3/51 (6%) We do this periodically, and it works OK
- C. 1/51 (2%) We do this, but it doesn't work well
- D. 0/51 (0%) We do this, but we might as well not do it
- E. 6/51 (12%) Haven't tried it 36/51 (71%) No Answer

#### Developing a data quality best practices guide:

- A. 3/51 (6%) We do this consistently and it's very effective
- B. 2/51 (4%) We do this periodically, and it works OK
- C. 0/51 (0%) We do this, but it doesn't work well
- D. 0/51 (0%) We do this, but we might as well not do it
- E. 10/51 (20%) Haven't tried it

#### 36/51 (71%) No Answer

Developing data quality tracking and monitoring strategies:

- A. 1/51 (2%) We do this consistently and it's very effective
- B. 4/51 (8%) We do this periodically, and it works OK
- C. 3/51 (6%) We do this, but it doesn't work well
- D. 1/51 (2%) We do this, but we might as well not do it
- E. 3/51 (6%) Haven't tried it

39/51 (76%) No Answer

### Improving patient active/inactive practices:

- A. 1/51 (2%) We do this consistently and it's very effective
- B. 2/51 (4%) We do this periodically, and it works OK
- C. 2/51 (4%) We do this, but it doesn't work well
- D. 1/51 (2%) We do this, but we might as well not do it
- E. 6/51 (12%) Haven't tried it 39/51 (76%) No Answer

## Set 4

Poll 1: Which of the following barriers have you experienced related to provider outreach and training?

- A. 5/50 (10%) Challenges identifying provider types.
- B. 0/50 (0%) No way to identify provider types in IIS.
- C. 9/50 (18%) Lack of training capacity within Immunization Program and/or IIS Team.
- D. 12/50 (24%) Lack of capacity for training in provider offices.
- E. 12/50 (24%) Need to better understand outreach and training barriers from the provider perspective.

33/50 (66%) No Answer

Poll 2: How effective do you think the identified strategies will be for addressing the barriers?

#### Developing an outreach plan:

- A. 3/47 (6%) We do this consistently and it's very effective
- B. 5/47 (11%) We do this periodically, and it works OK
- C. 1/47 (2%) We do this, but it doesn't work well
- D. 0/47 (0%) We do this, but we might as well not do it
- E. 6/47 (13%) Haven't tried it
  - 32/47 (68%) No Answer

Developing and/or updating training and recruitment materials:

A. 4/47 (9%) We do this consistently and it's very effective

- B. 9/47 (19%) We do this periodically, and it works OK
- C. 3/47 (6%) We do this, but it doesn't work well
- D. 0/47 (0%) We do this, but we might as well not do it
- E. 1/47 (2%) Haven't tried it 30/47 (64%) No Answer

### Evaluating outreach and/or training effectiveness:

- A. 3/47 (6%) We do this consistently and it's very effective
- B. 6/47 (13%) We do this periodically, and it works OK
- C. 1/47 (2%) We do this, but it doesn't work well
- D. 0/47 (0%) We do this, but we might as well not do it
- E. 4/47 (9%) Haven't tried it 33/47 (70%) No Answer

### Updating user guides and/or training by provider type:

- A. 3/47 (6%) We do this consistently and it's very effective
- B. 7/47 (15%) We do this periodically, and it works OK
- C. 0/47 (0%) We do this, but it doesn't work well
- D. 1/47 (2%) We do this, but we might as well not do it
- E. 3/47 (6%) Haven't tried it 33/47 (70%) No Answer

### Identifying and prioritizing provider segments for outreach:

- A. 1/47 (2%) We do this consistently and it's very effective
- B. 5/47 (11%) We do this periodically, and it works OK
- C. 0/47 (0%) We do this, but it doesn't work well
- D. 1/47 (2%) We do this, but we might as well not do it
- E. 2/47 (4%) Haven't tried it 38/47 (81%) No Answer