



Progress and Possibilities: A Story of Transformation in the IIS World

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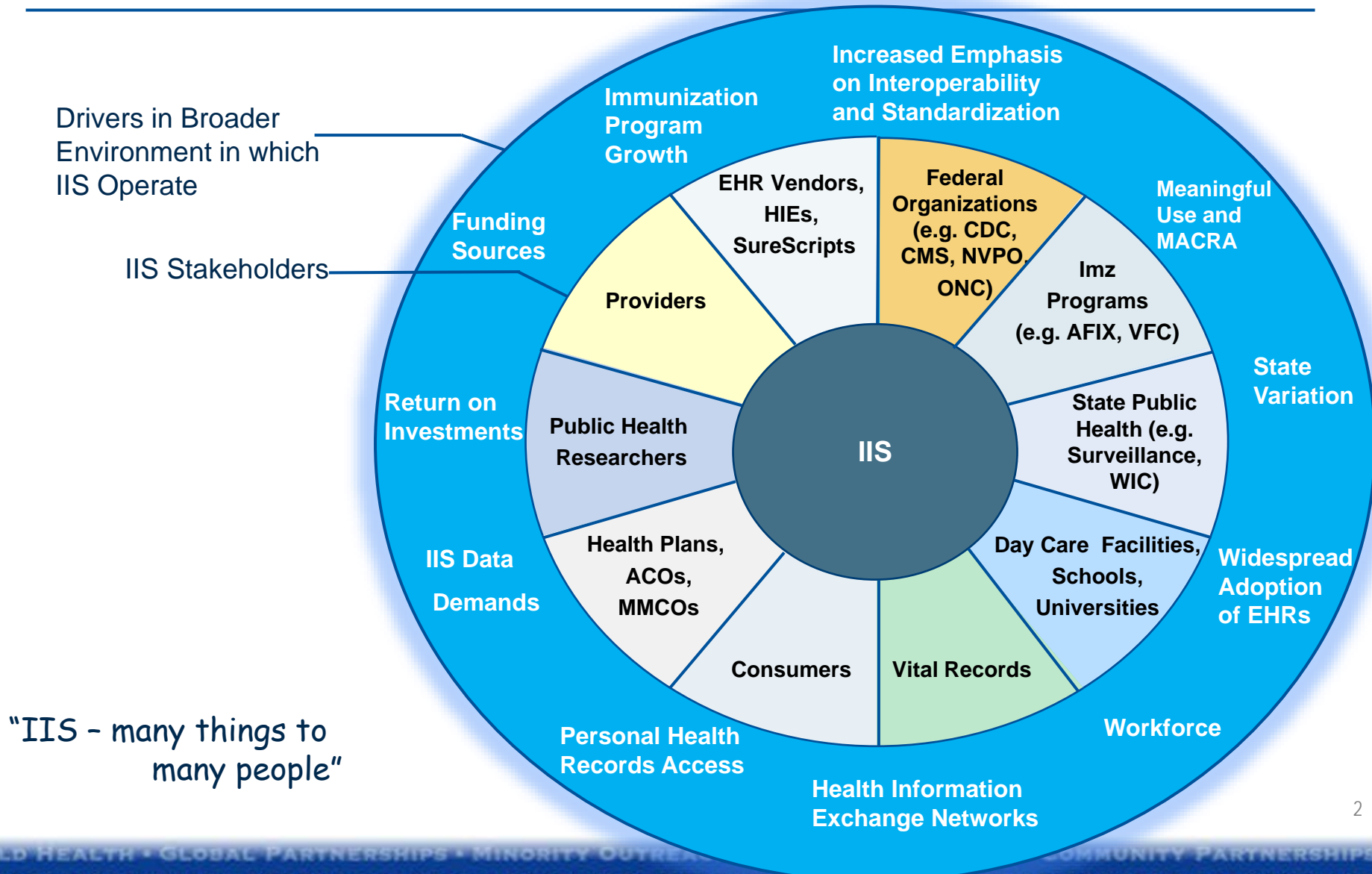
AIRA National Meeting
April 12, 2017
Chicago, IL

Overview: Progress and Possibilities

- Progress in IIS Transformation
 - Current Environment
 - History
 - Key Initiatives
- Possibilities in IIS Transformation
 - Emerging Strategic Priorities
 - Challenges and Opportunities
 - Announcements
- Continue to Transform



Current IIS Environment



IIS Strategic Vision and History



- *“Real time, consolidated immunization data and services for all ages are available for authorized clinical, administrative, public health users and consumers anytime and anywhere.”*

Understanding IIS history and context has primed how we plan to transform the IIS program to meet new challenges as we position IIS to serve as the modern immunization program along with a growing, diverse set of immunization stakeholders.

History of Transformation: 25 Years of Achievement

Establish Relationships with Key Stakeholder Groups

ECBT
Established

All Kids Count
First Conference

AIRA
Established
IOM
Calling the Shots

NVAC
Progress
Report

ONC
MU & Special Projects
AIRA
First Conference
NIST
Testing Tool Support

1990

2000

2010

2020

Target Funding to IIS Projects

All Kids Count
Planning Grants

NVAC Initiative
Research Projects

All Kids Count
Phase 1

All Kids Count
Phase 2

Sentinel Site
Initiative Launched

ARRA-HITECH
Interoperability

PPHF 11
Interoperability &
Ordering/Inventory

PPHF 14
Interoperability &
Ordering/Inventory

PPHF 12
Interoperability &
Ordering/Inventory

Provide Guidance

Core Data
Elements
For IIS

Essential
Functions
Defined

NVAC
Technical Specs

Functional Stds.
Approved

VTckS ExIS
Deployed

CDSi
Birth – 18

Transport
SOAP

CDSi
Birth – Death

Functional Stds.
2013 – 2017

CDSi
Underlying Conditions

MIROW
Patient Active /
Inactive Status

MIROW
Reminder / Recall

MIROW
Data Quality

MIROW
Vaccine Deduplication

MIROW
VFC Collaboration

MIROW
Decrementing Inventory

MIROW
Data Quality

MIROW
Inventory Management

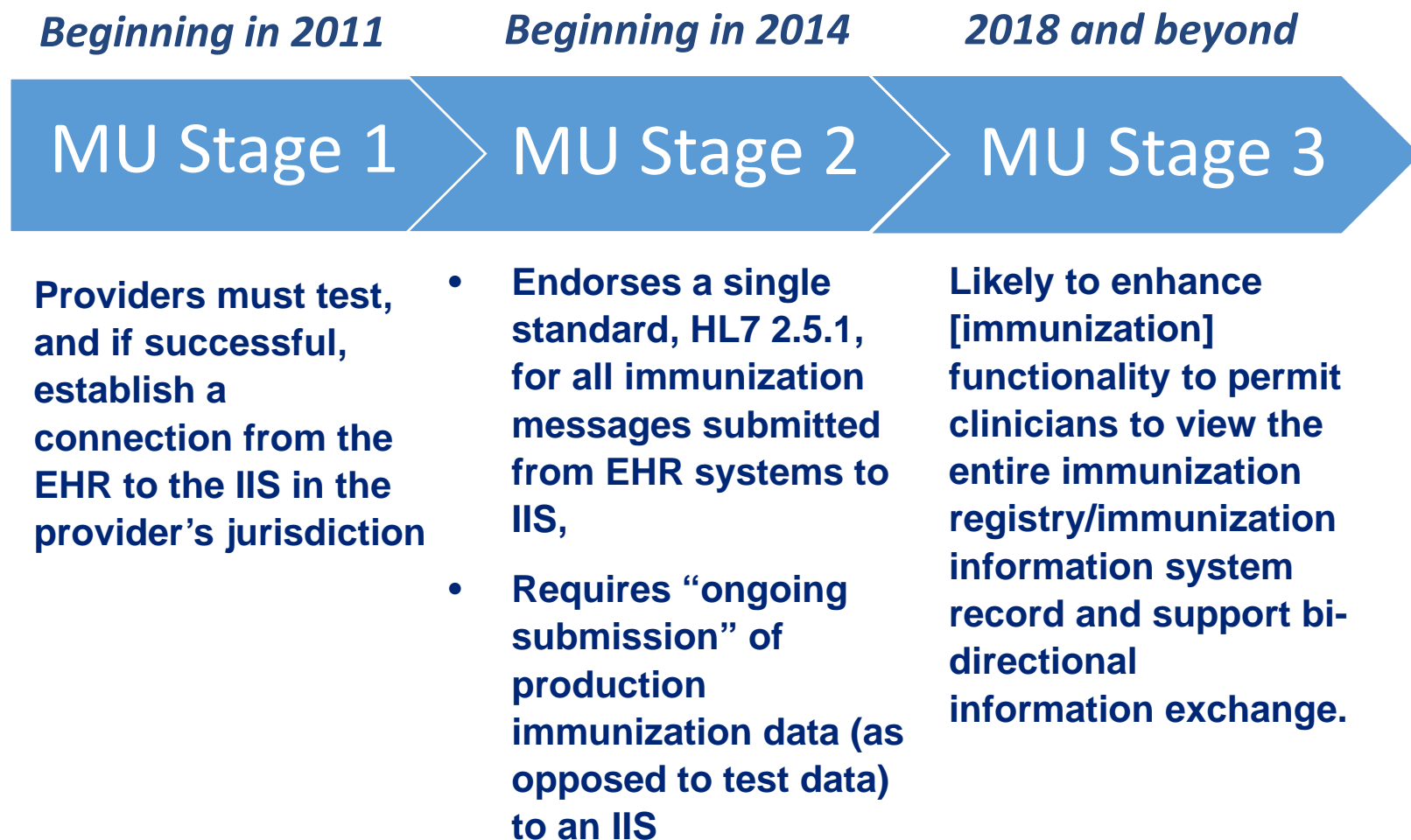
First IG
HL7

IG
HL7 v2.3.1, v2.5.1

IG 1.4
HL7 v2.5.1

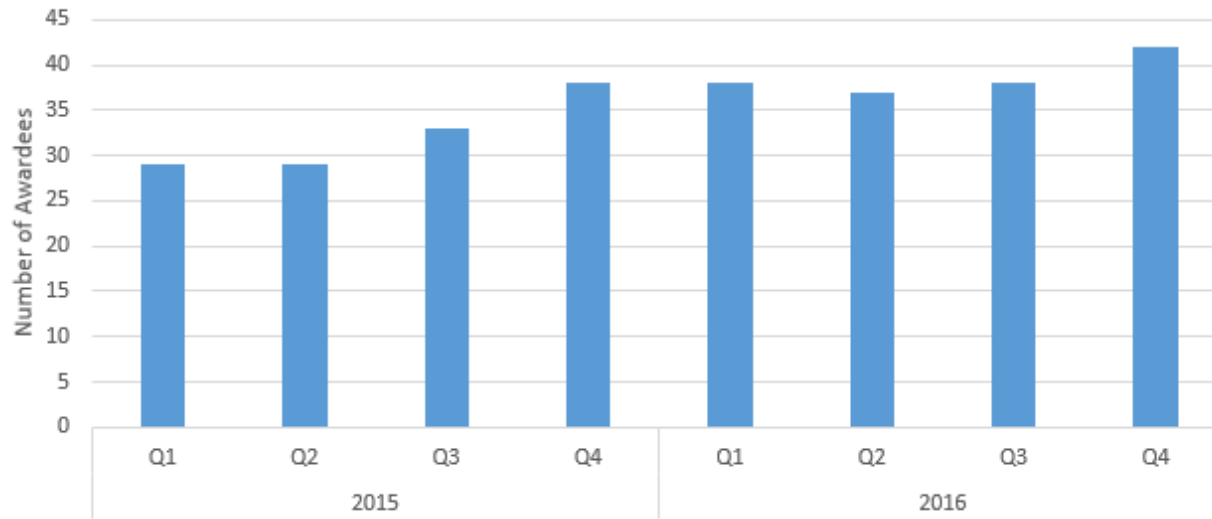
IG 1.5
HL7 v2.5.1

Meaningful Use: Transformation of Exchange Capabilities

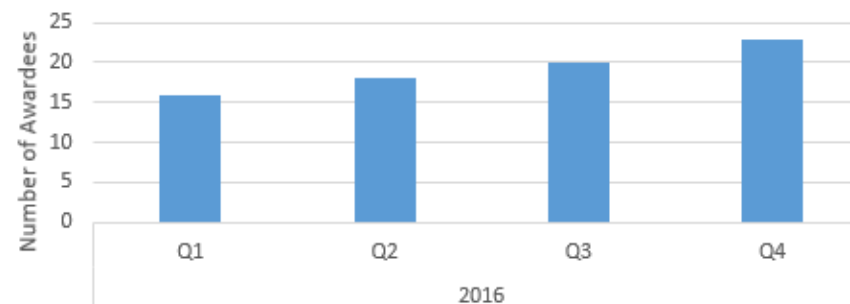


Meaningful Use: Transformation of Exchange Capabilities (Cont'd)

Awardee IIS that Receive and Respond to Immunization Record Queries (QBP/RSP) from EHR Systems Using HL7

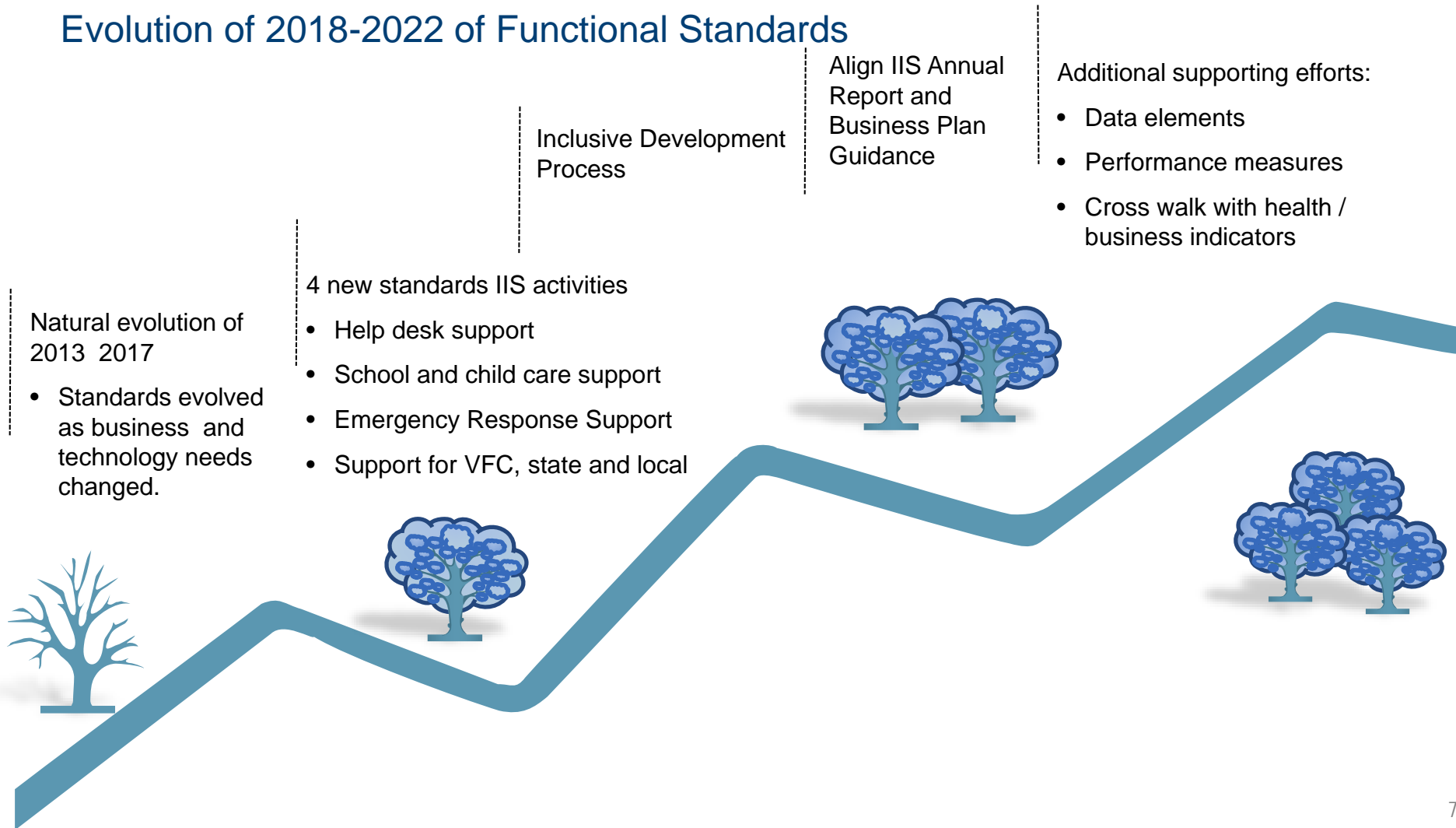


Awardee IIS that Support Receipt of NDC Codes for Recording Administered Vaccines



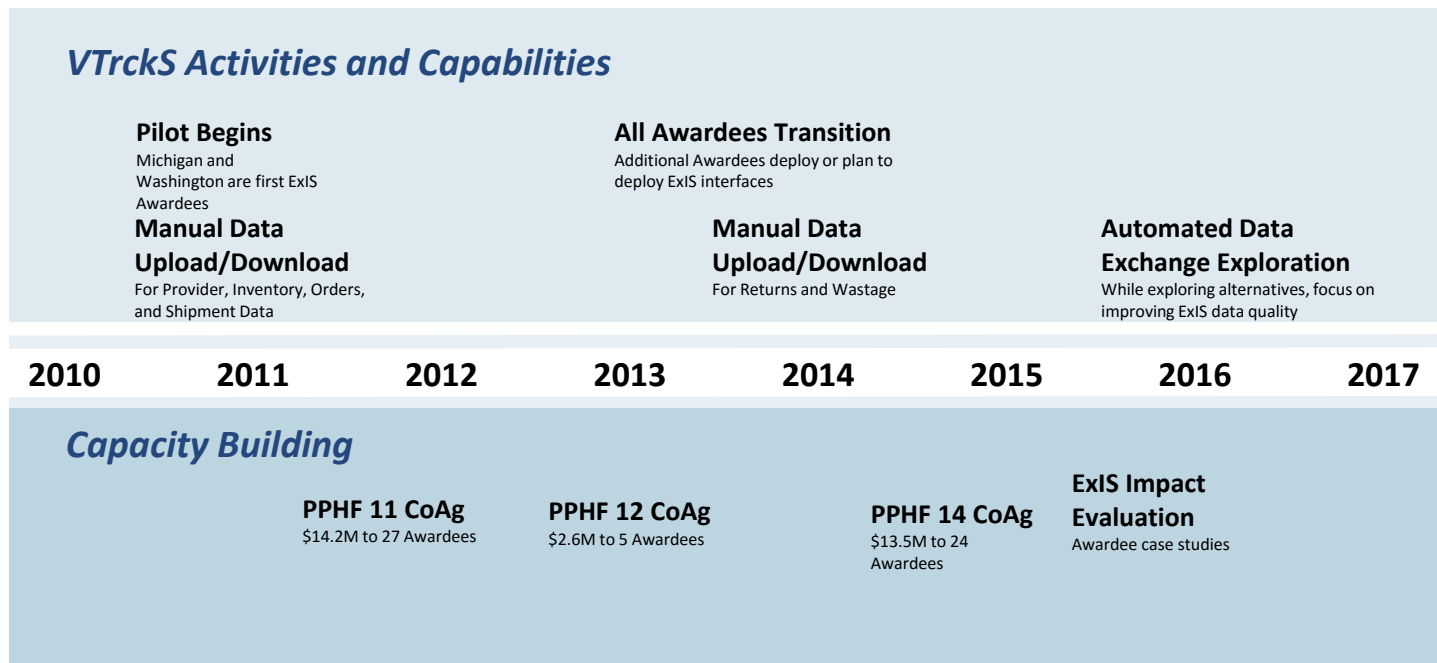
Transforming Functional Standards (FS) to Support the Community

Evolution of 2018-2022 of Functional Standards



VTrcks ExIS :Transformation of Vaccine Ordering and Inventory

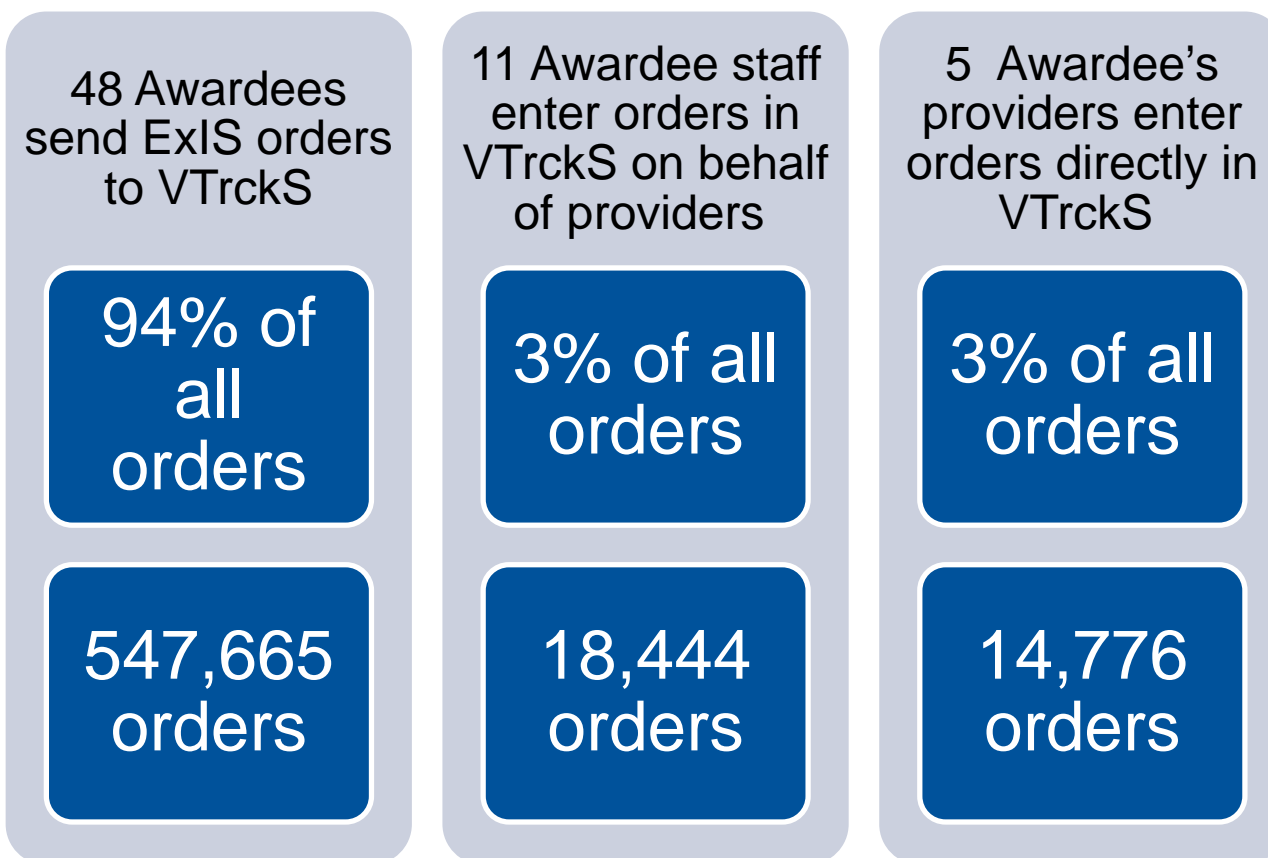
Timeline and Progress



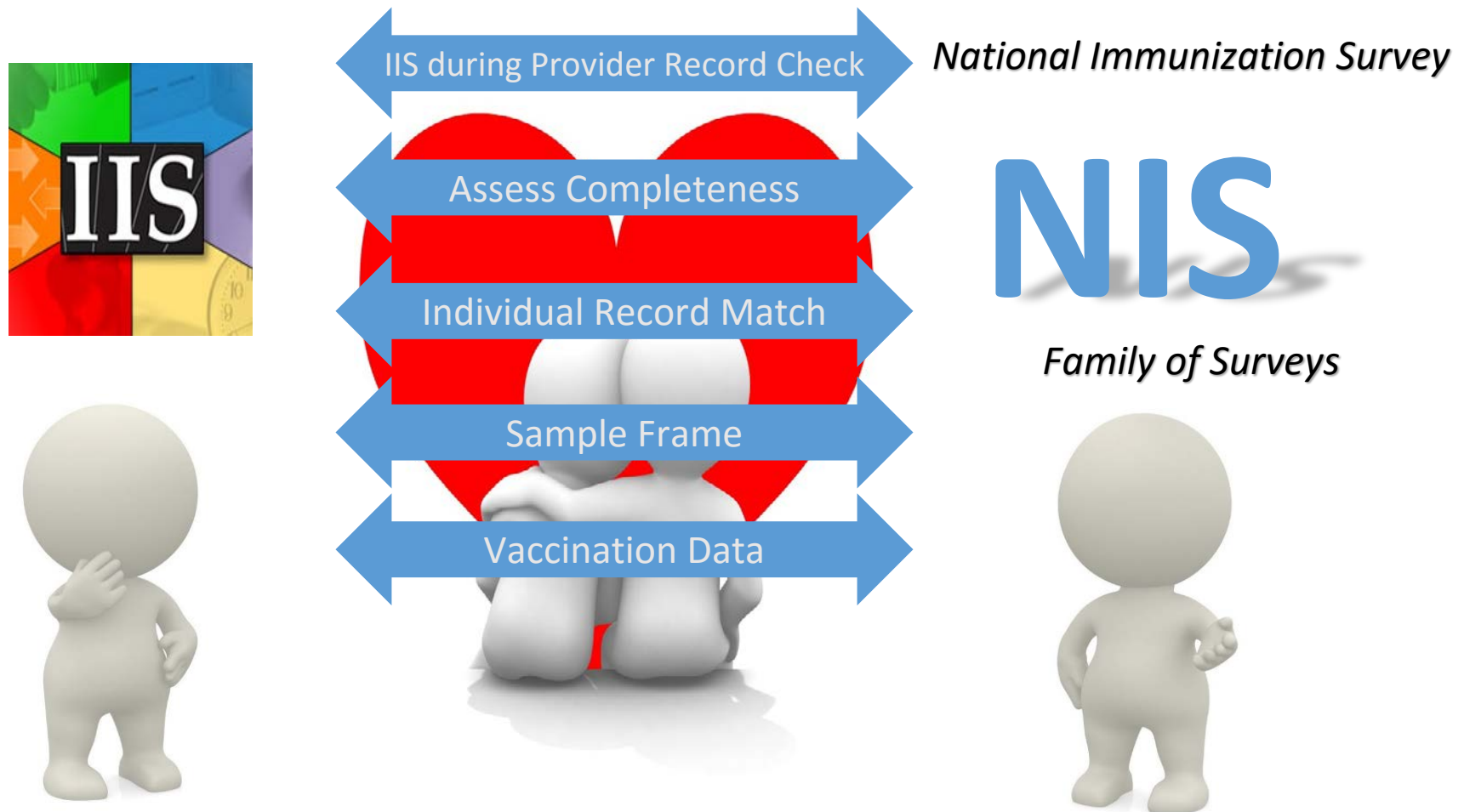
VTrcks ExIS: Transformation of Vaccine Ordering and Inventory

Progress to Date

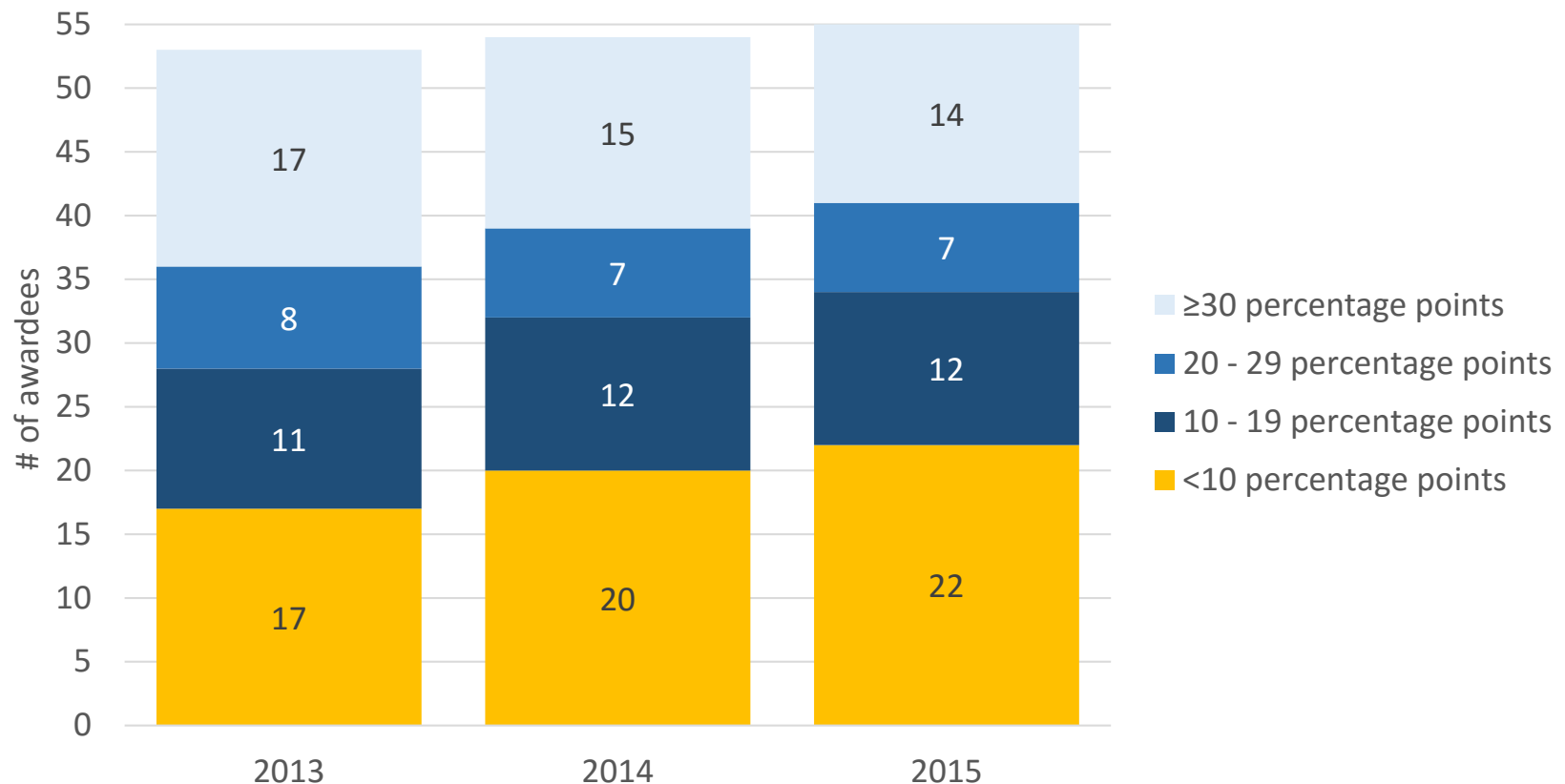
- Percentages of vaccine orders processed through VTrckS in calendar year 2016
- Total number of orders in 2016 was 580,885.



IIS-NIS Integration: Transformation of Vaccine Coverage Rate Estimates and Validation



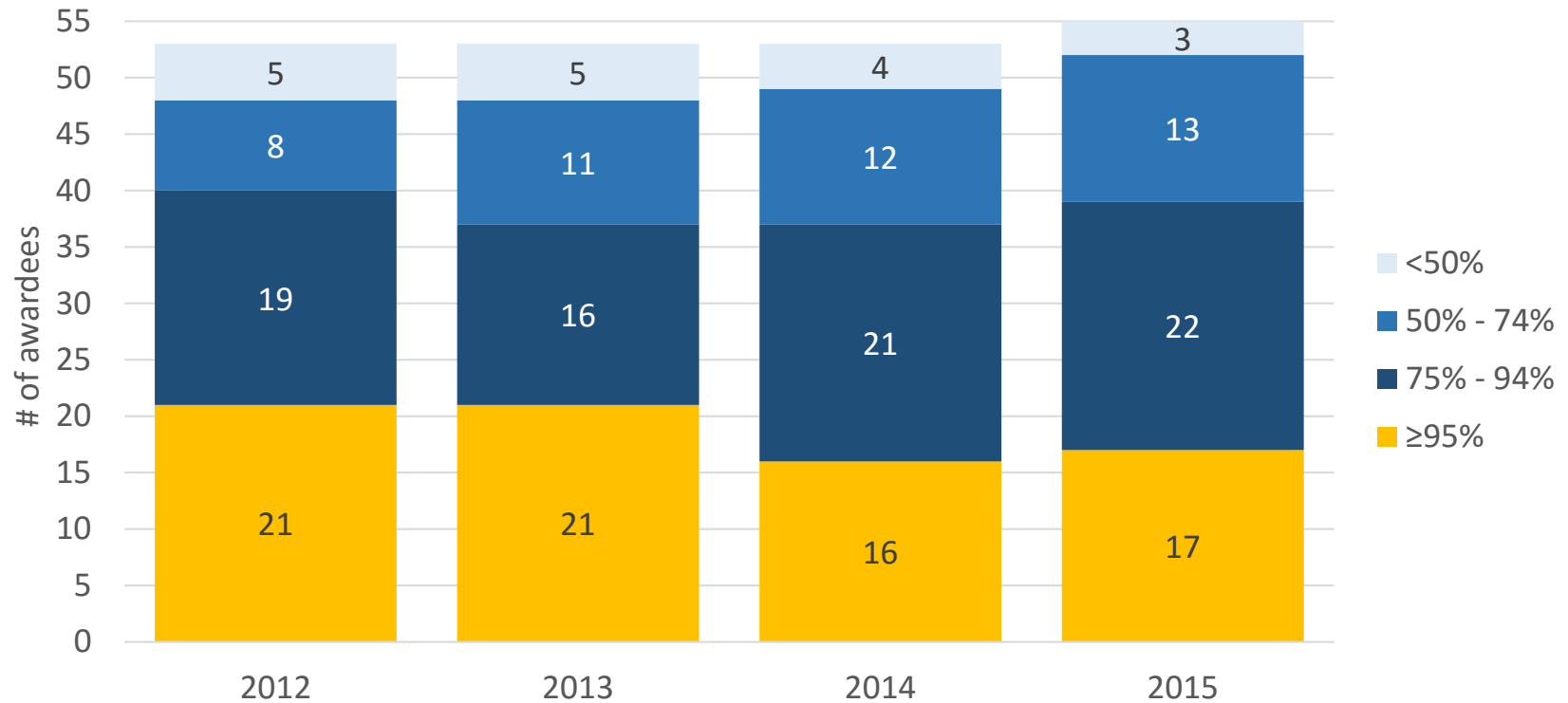
Percentage point differences between NIS and IIS for combined 7-vaccine series completion – 2013-2015



Transformation requires tending to Our Roots!

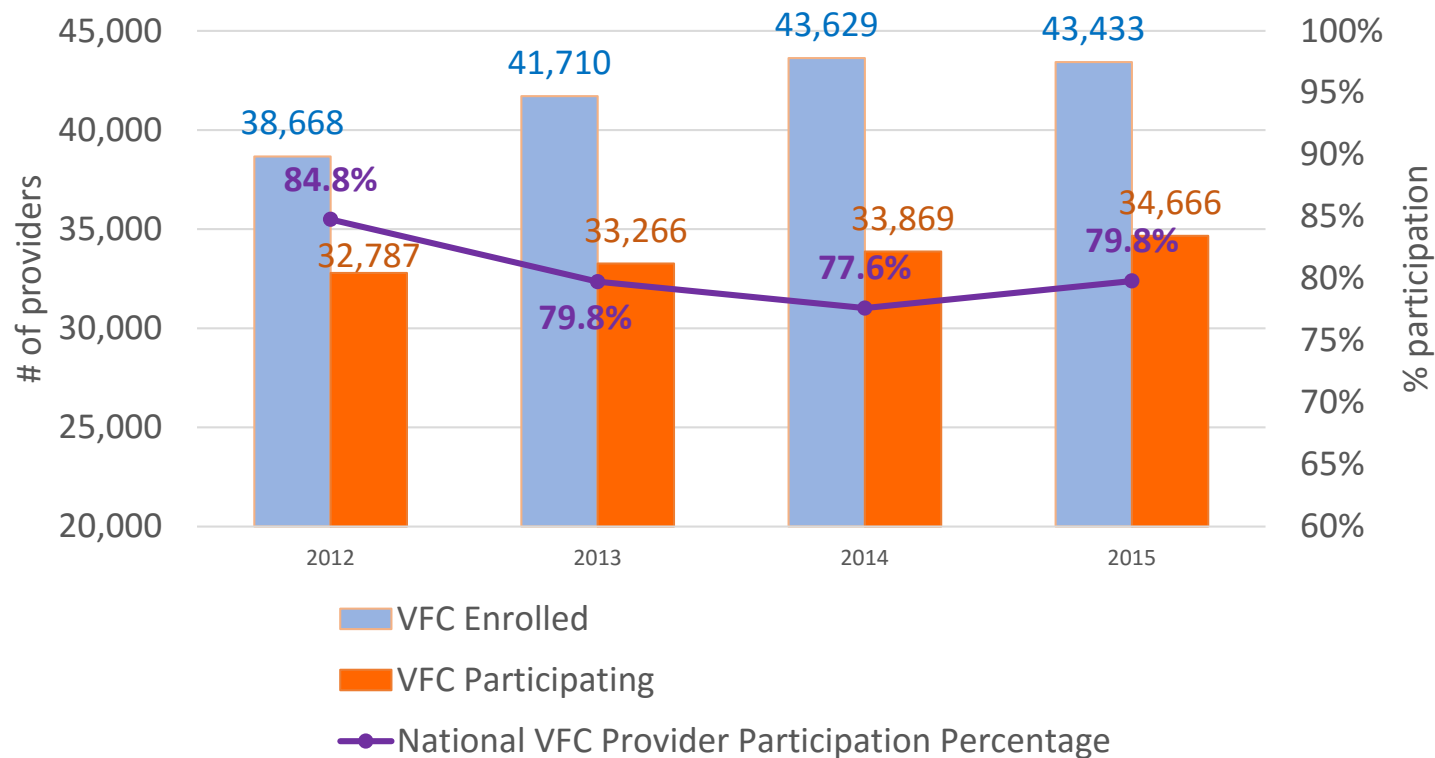


Percentage of VFC enrolled providers reporting to an IIS, 2012-2015

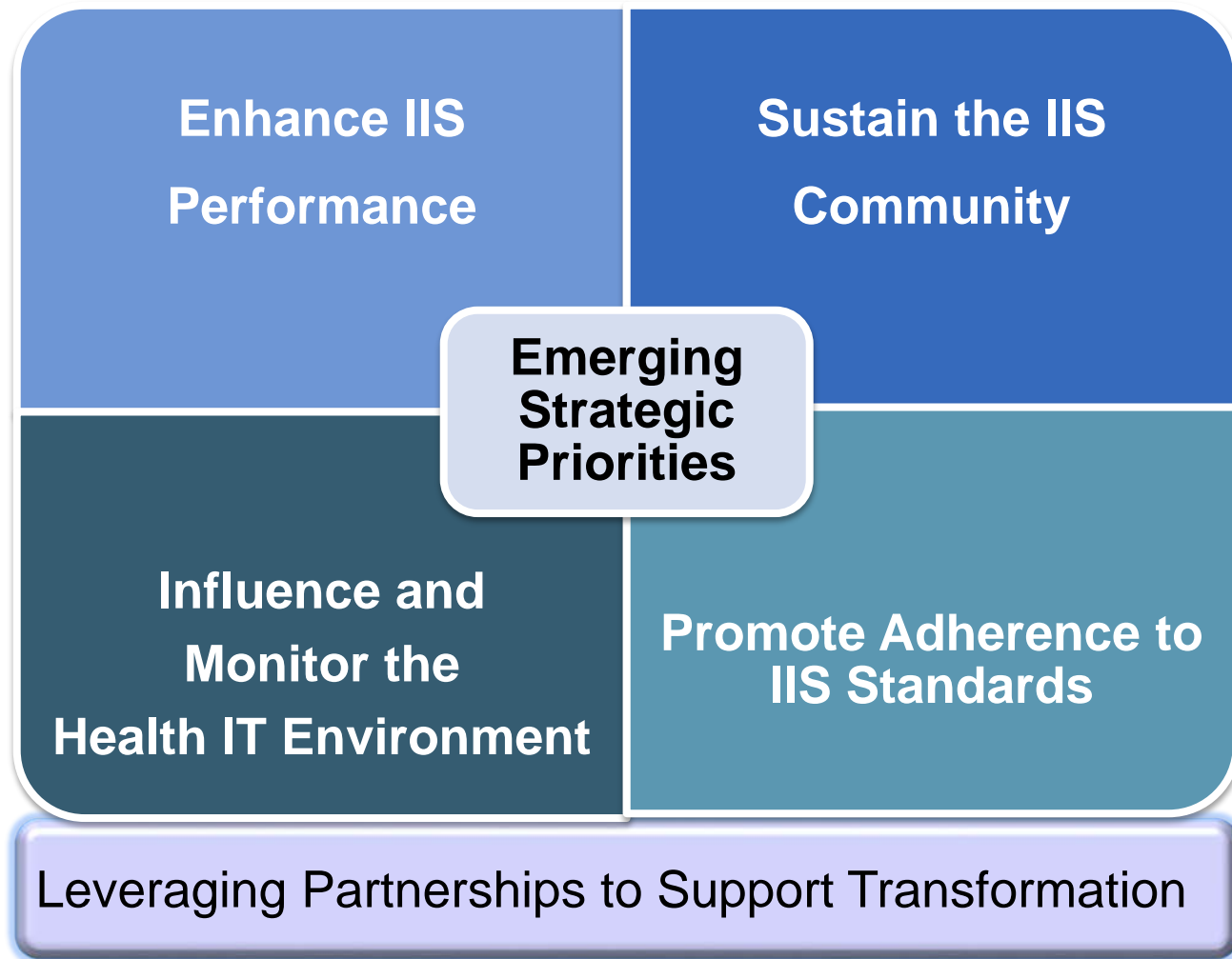


VFC Provider Participation, 2012 –2015

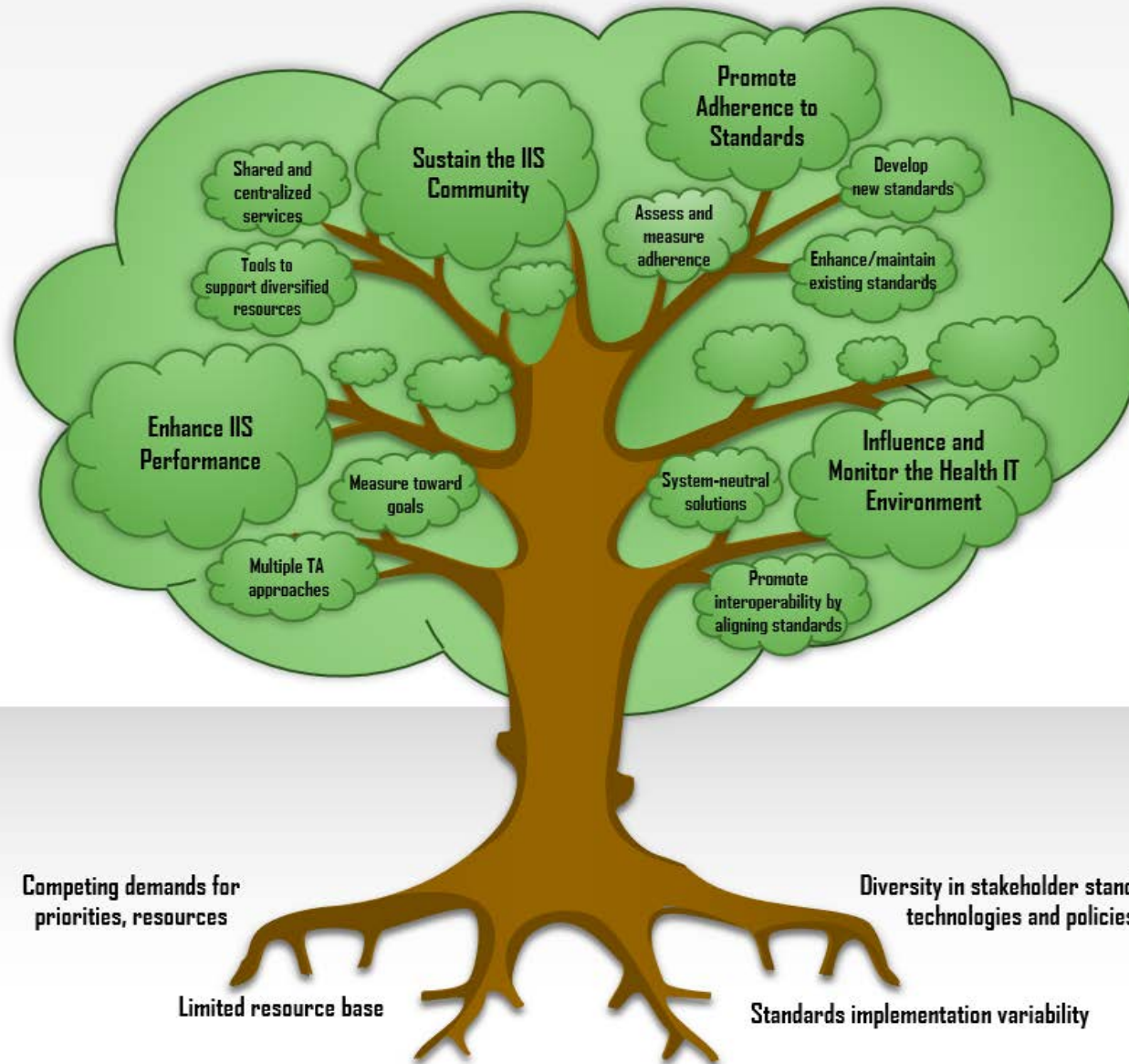
We can't forget about the basics!



Emerging Strategic Priorities to Guide Transformation



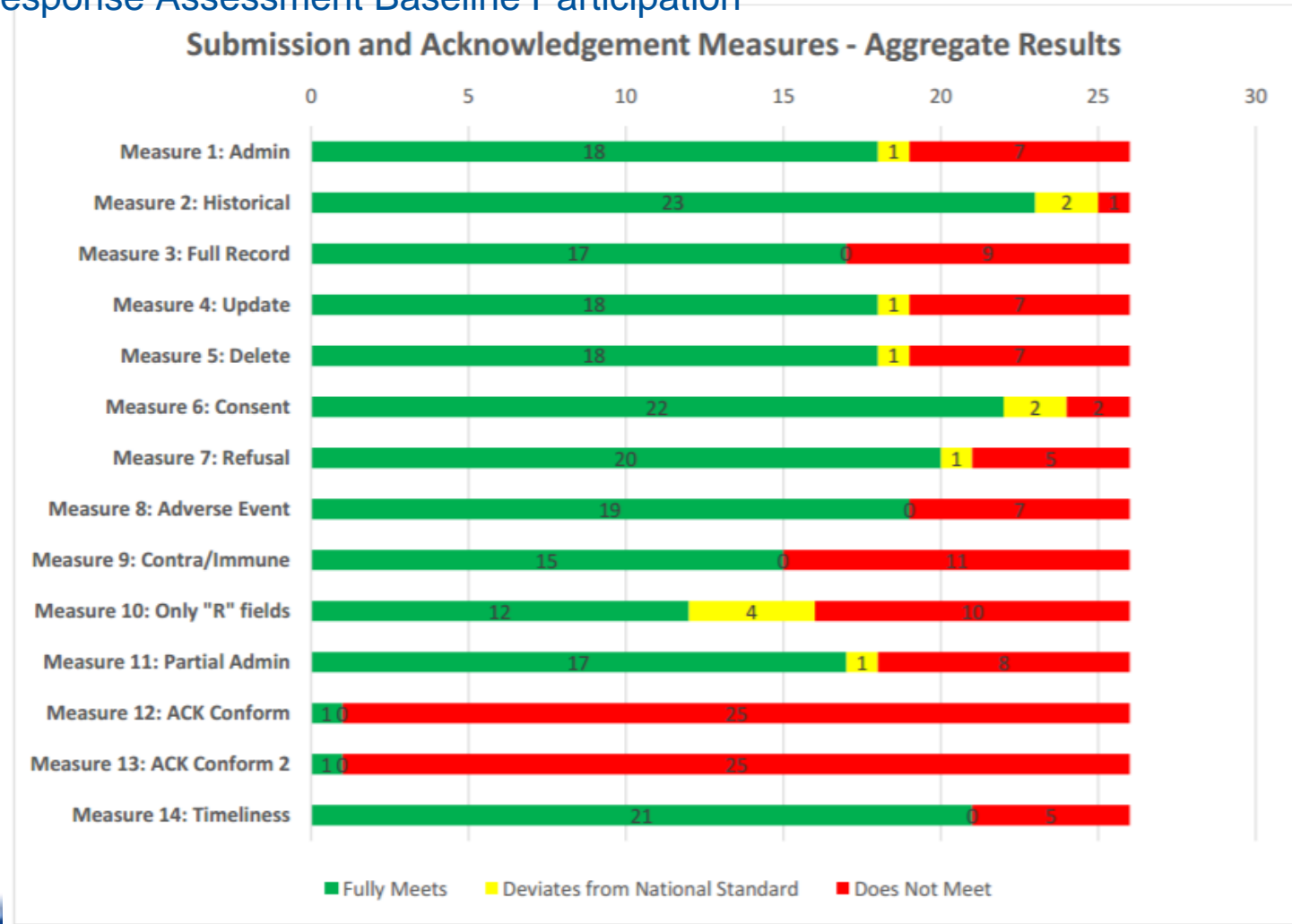
OPPORTUNITIES



CHALLENGES

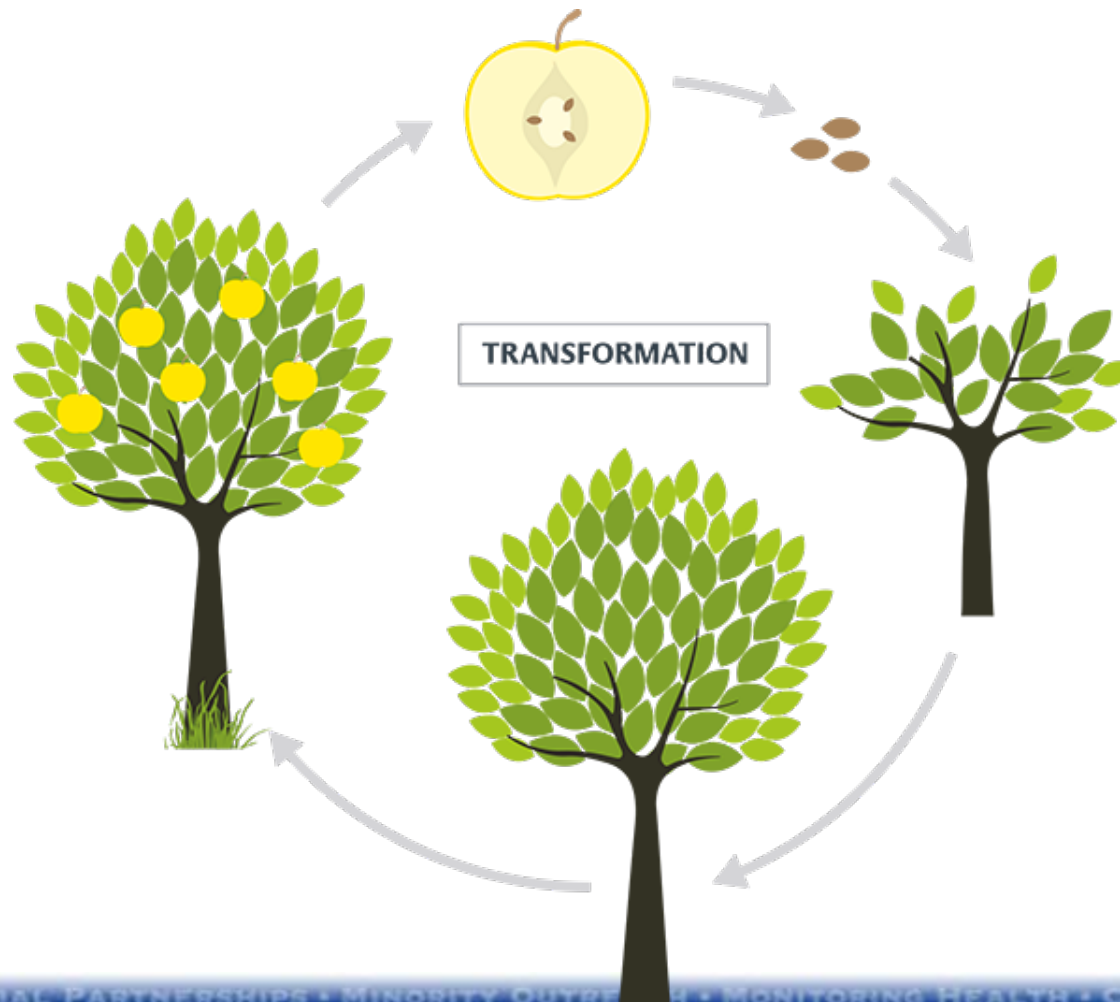
Blossoming Opportunities for IIS – More Green, Less Red

Q1 2017: IIS Submission/Acknowledgment Query/Response Assessment Baseline Participation



Keep Planting Seeds

New Opportunities to Grow and Transform



Keep Planting Seeds

Address Cleansing Service



AIRA's first JDI on address cleansing yielded successful pilot for the entire IIS community

Supplemental funds are requested to expand access to this service to all IIS jurisdictions

Coordinate/facilitate joint collaborative development of tools, applications or technologies to implement in multiple IIS programs

In five-week pilot, 835,539 addresses were standardized, validated, and geocoded using the service

Cleaner valid addresses will positively impact multiple IIS processes such as merging and deduplication for years to come

Efforts will help programs to meet many IIS Functional Standards focused on data quality through complete, accurate demographics capture



Nurturing Our Roots

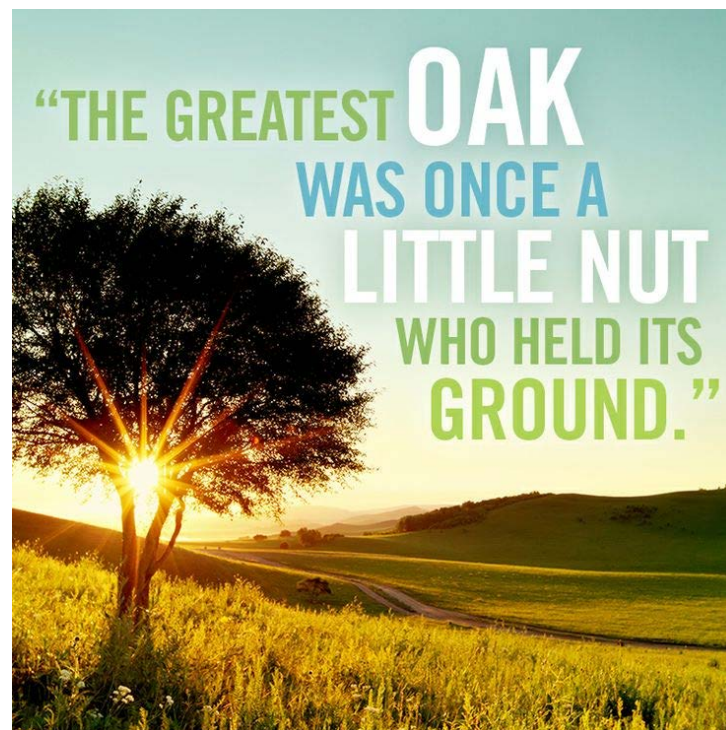
Kickoff of an IIS History Project-25 Years!



- A joint collaboration with CDC, AIRA, PHII
- Documenting the rich history and lessons learned from 25 years of IIS experience
- Advisors are being convened
- Dr. Barbara Canavan has been brought in to conduct interviews and document our history more formally
- Action: Participate and share your stories and documents!

Continue to Transform

- Building on success for the next 25 years
- Continue to provide value to IIS stakeholders
- Focus on the basics to provide highest quality data to stakeholders
- Become a more influential partner in the wider environment in which IIS operate
- Leverage diverse opportunities to create more a sustainable base
- Reduce variability across IIS
 - Functional standards
 - Centralized services
 - Assessment and Certification



THANK YOU

