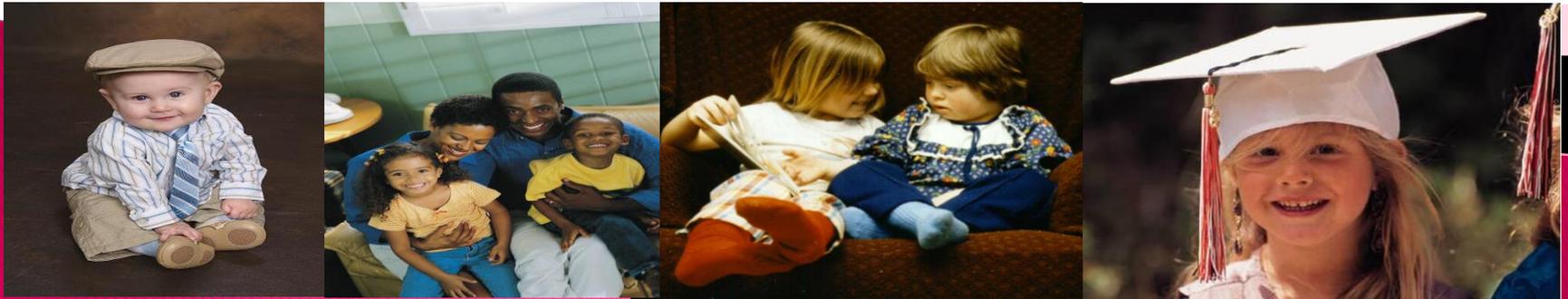


# WISCONSIN EARLY CHILDHOOD INTEGRATED DATA SYSTEM (WI ECIDS)

## RTT-ELC Project 10 Update

*MARCH 15, 2016*



# Agenda

- ▶ **Project 10 Overview**
  - June Fox (ECIDS Portfolio Manager)
- ▶ **WISEdash (DPI)**
  - June Fox (ECIDS Portfolio Manager)
- ▶ **LIFT (Longitudinal Information for Family Touchpoints) (DCF)**
  - Robert Rettammel (Project Manager – DCF)
- ▶ **The Customer Hub (DHS)**
  - Lisa Walker (Customer Hub Business Owner)
  - Terry Hiltz (ECIDS Technology Committee and DHS Representative)
- ▶ **ECIDS**
  - June Fox (ECIDS Portfolio Manager)



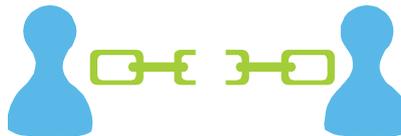
# How are the children of Wisconsin doing?



# EC DATA: Where We Were

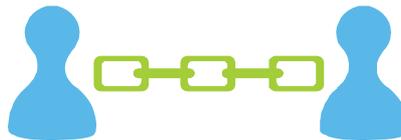
The 2010 Wisconsin Early Childhood System Assessment Report (Dr. Katherine Magnuson):

“While the state collects many types of data related to early childhood, we don’t have the capacity to connect it, track children’s progress, or use it to assess the system.”



# EC DATA: Where We Are Going

- The ECIDS (Early Childhood Integrated Data System)
  - Will bring the power of connected information to bear on the work of DCF, DHS, and DPI to improve outcomes for Wisconsin children, families and communities.
  - Allows for the future vision of longitudinal data sharing (EC & K-12 & post-secondary & workforce) (P20W SLDS).
  - Will allow agency researchers, analysts and content experts to perform more extensive analyses to help them design results-oriented strategies.
  - Will ensure data are kept secure and will preserve each agency's responsibilities for protecting it's data.



# The Policy Questions We Want to Answer\*

- Are children, birth to 5, on track to succeed when they enter school and beyond?
- Which children and families are and are not being served by which programs/services?
- Which children have access to high-quality early childhood programs and services?
- What characteristics of programs are associated with positive child outcomes for which children?
- What are the educational and economic returns on early childhood investments?

# Data Roundtable – 2/22/2012

- A Data Roundtable – diverse group of stakeholders
  - To identify the numerous questions underlying the “big five policy” questions---what are all the questions we must answer to really know how children are doing?
  - To include key partners in these processes to ensure cross system collaboration and create consensus.
- WI Data Roundtable Report

# Connecting the dots....Underlying Questions (small sample)

- ▶ EC Questions Requiring Integrated Data (source: 2012 WI Data Roundtable)
  - Do children of families receiving TANF benefits do better in school than children of poor families not participating in TANF? Do they receive more preventative health services?
  - How do children who were placed in foster care during pre-school years do in school?
  - Is quality of child care (as measured by YoungStar) associated with better school and health outcomes?
  - How do children who were low-birth-weight infants do in school? Are there early care programs that help them and their families?

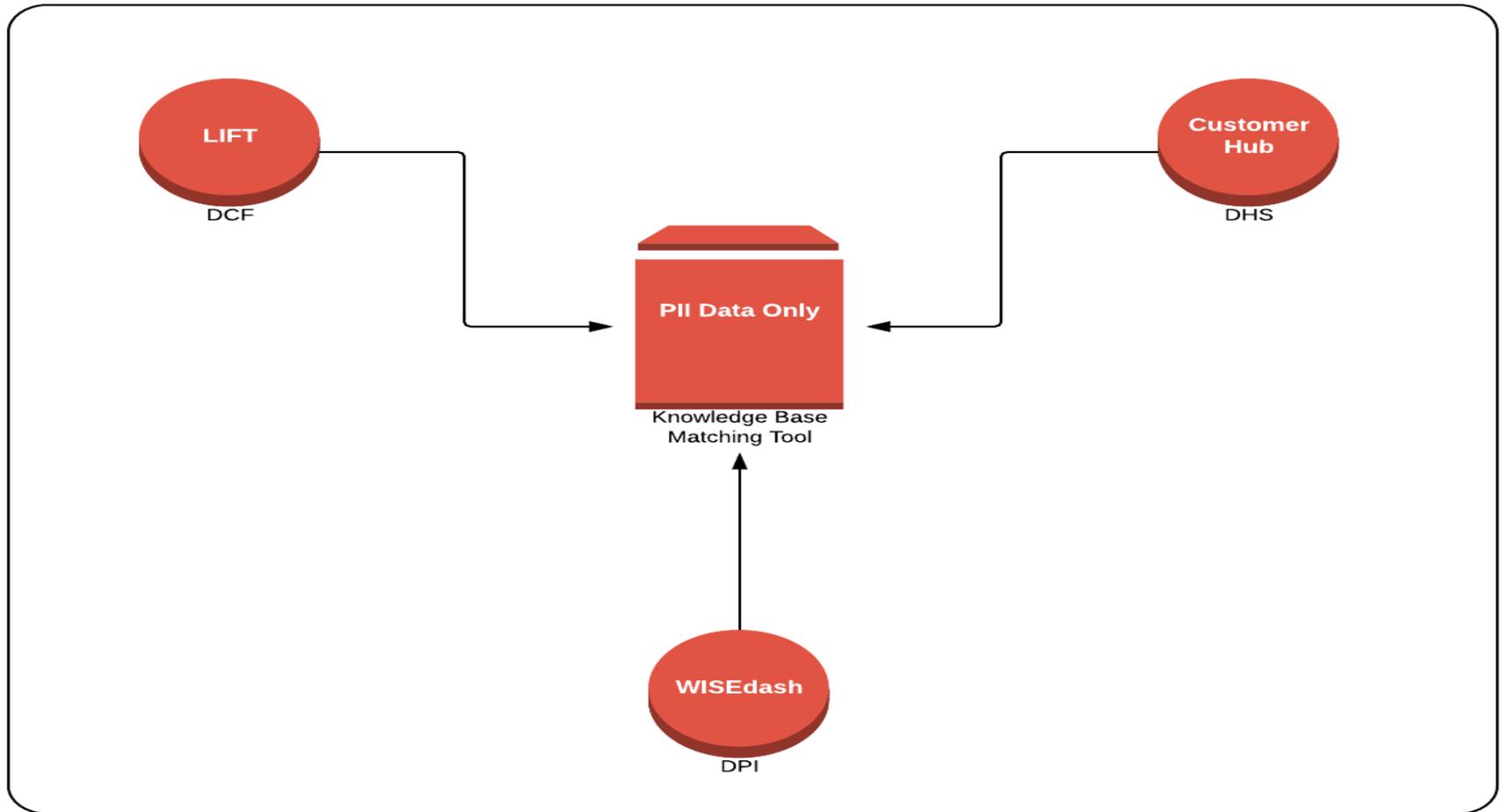
# Wisconsin: EC Data Across Three Agencies (37 programs) – Where We Start

- ▶ Department of Public Instruction (DPI)
  - WISEdash (existing)
- ▶ Department of Children and Families (DCF)
  - LIFT (Longitudinal Information on Family Touchpoints) (building)
- ▶ Department of Health Services (DHS)
  - The Customer Hub (building)
- ▶ ECIDS Knowledge Base
  - Establishes and maintains cross-agency links for client, participant and student records related to the same individual. (building)

# Wisconsin's ECIDS: A Hybrid Federated Model

- ▶ Agencies' program data will not be stored in the ECIDS.
- ▶ All that will be centrally stored in the Knowledge Base are data elements needed to match records across agencies.
- ▶ Those centrally stored data elements will not be disclosed to anyone.

# Wisconsin's ECIDS: A Hybrid Federated Model



# Programs Involved In The Initial ECIDS

## ▶ DPI WISEdash

- Student Demographic Data
- Attendance
- Enrollment
- Retention
- Suspensions / Expulsions / Incident Type
- English Proficiency
- WSAS Assessments (3<sup>rd</sup> Grade Math and Reading)
- Phonological Awareness Literacy Screening (PALS)

# Programs Involved In The Initial ECIDS

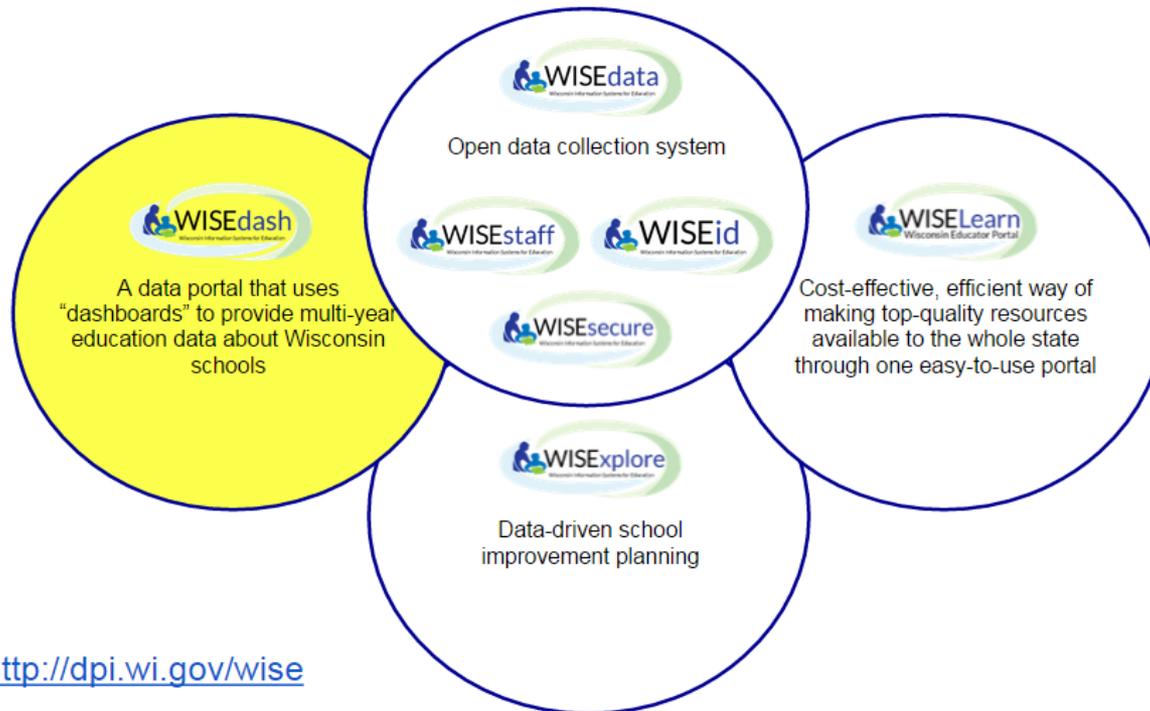
- ▶ DCF LIFT (Longitudinal Information On Family TouchPoints)
  - Child Welfare
  - WI Shares – Child Care Subsidy Program
  - Wisconsin Works (W2)

# Programs Involved In The Initial ECIDS

- ▶ **DHS Customer Hub**
  - Birth Records
  - Maternal and Child Health
  - Immunizations
  - Early Hearing Detection & Intervention
  - Lead Screening & Remediation
  - Birth to 3: Developmental Delays

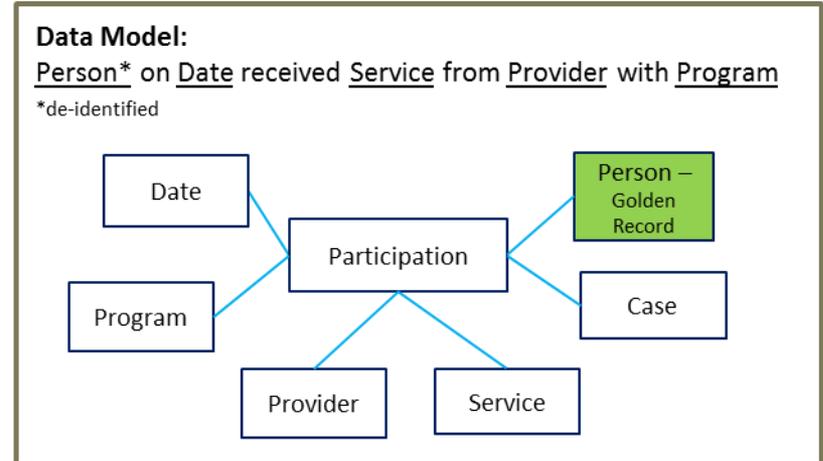
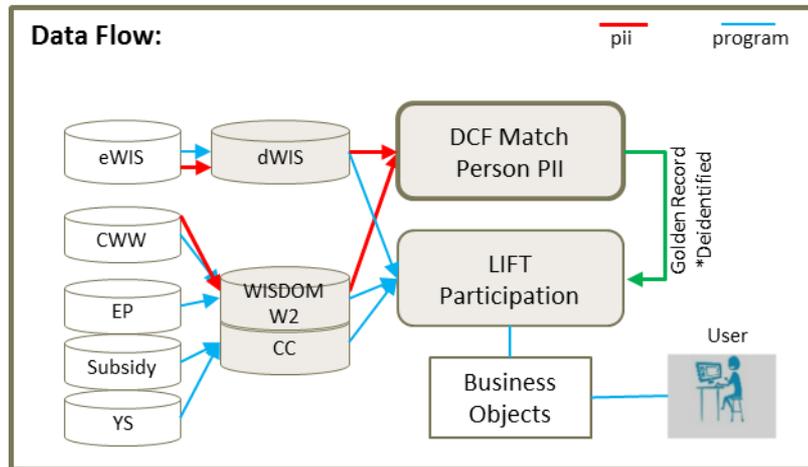
# DPI's WISE Ecosystem: A Word About WISEdash

Wisconsin Information Systems for Education



<http://dpi.wi.gov/wise>

# DCF: LIFT Participation



## Scope:

1. DCF internal research
2. De-identified person

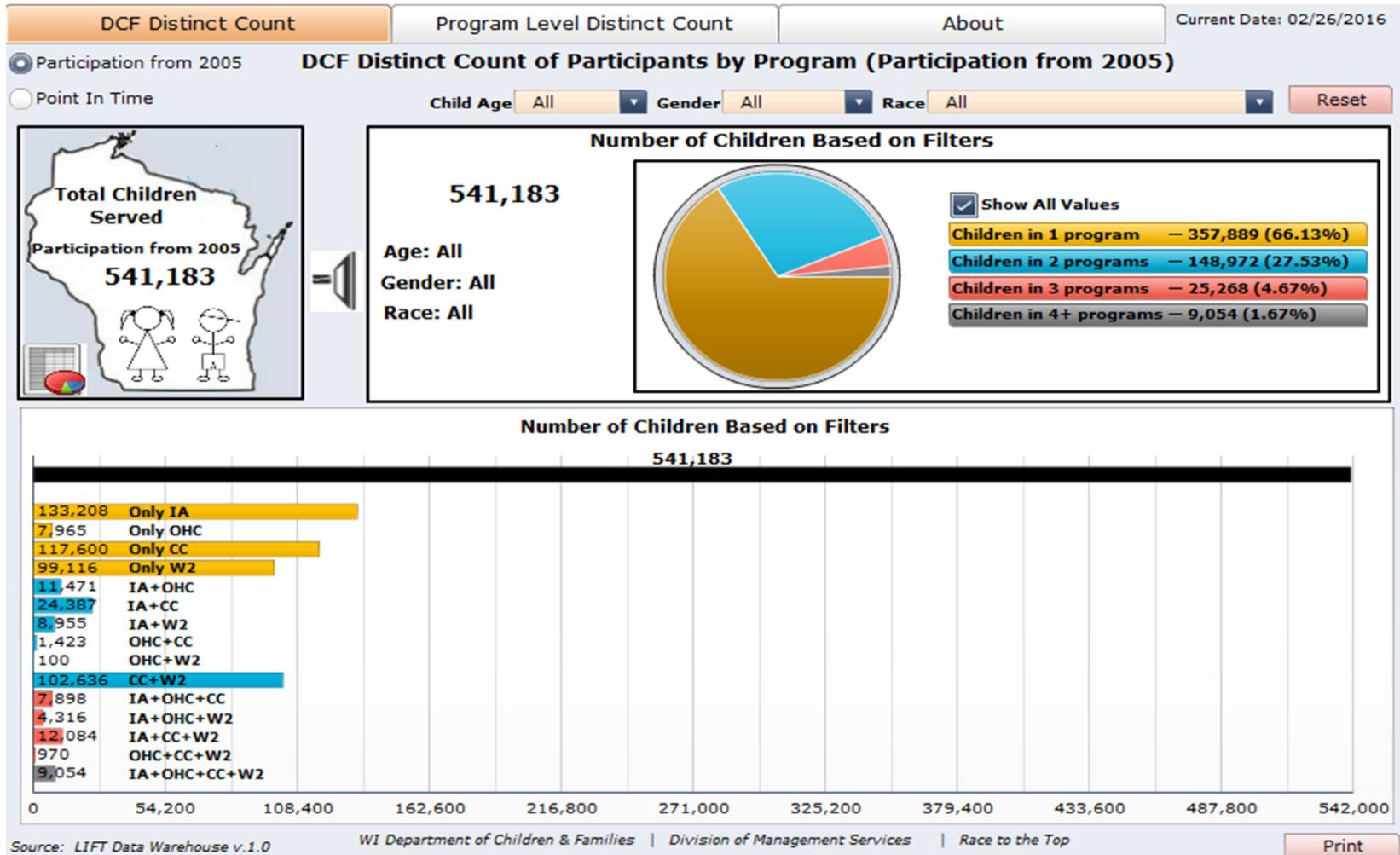
## Users:

1. Dashboards – Research - DCF Staff
2. Reports – DCF staff
3. Ad hoc access – Research/Policy analysts

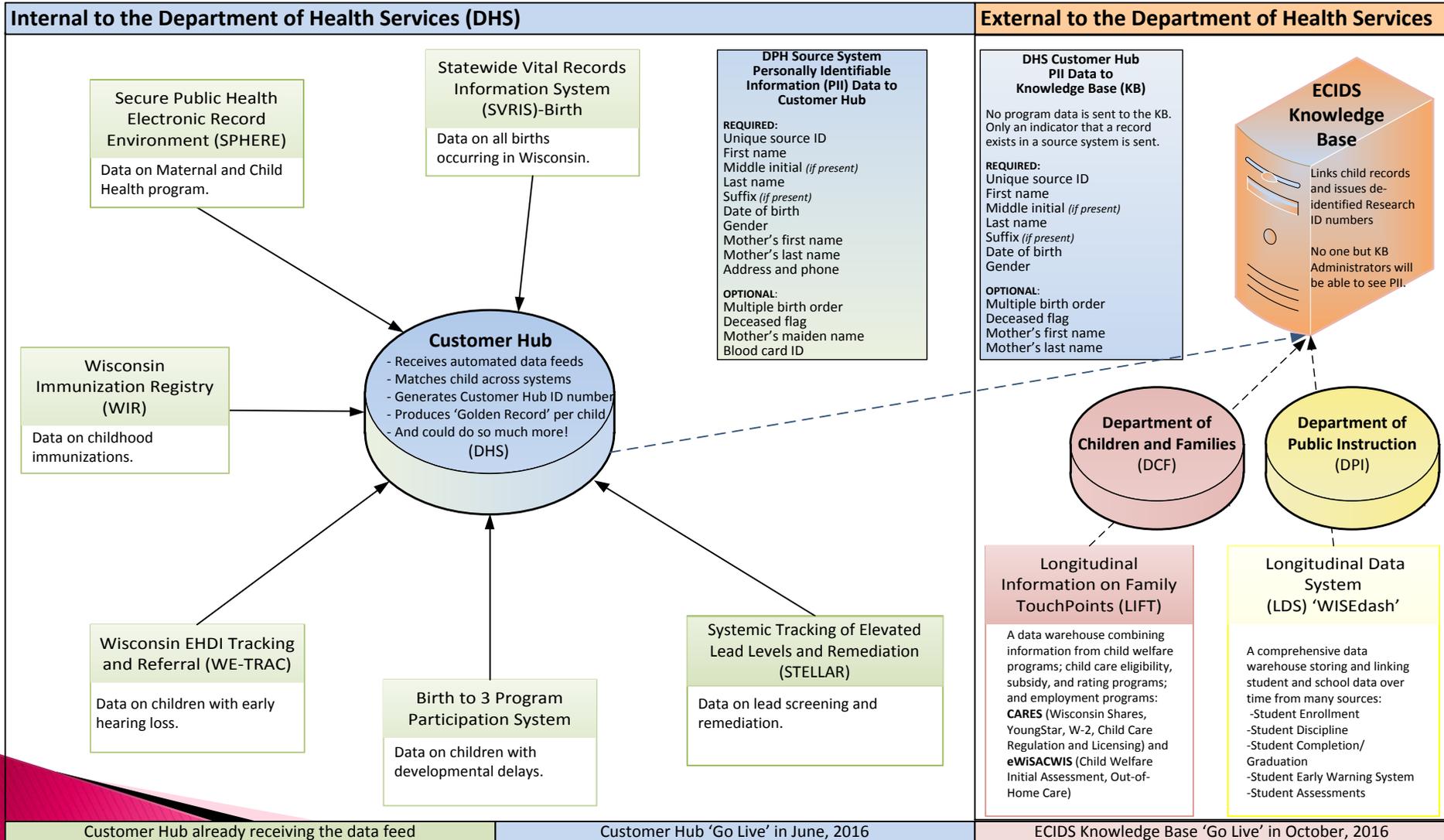
## Participation Triggers:

1. CW – Substantiated / Un substantiated IA
2. CW – OHC Placement
3. CC – Shares Authorization
4. W2 – Placement, Activities

# DCF DISTINCT COUNT DASHBOARD



# DHS: The Customer Hub



Customer Hub already receiving the data feed

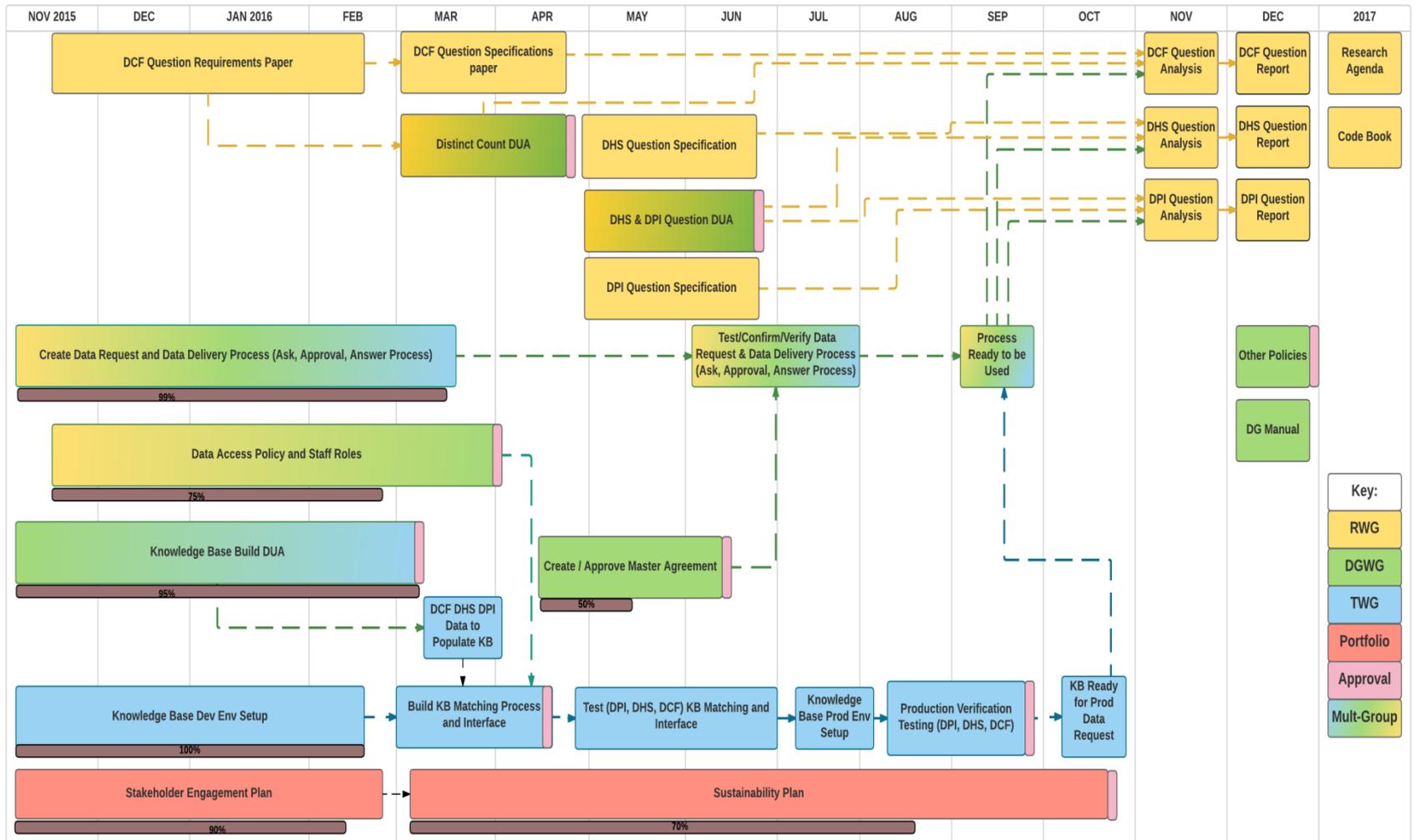
Customer Hub 'Go Live' in June, 2016

ECIDS Knowledge Base 'Go Live' in October, 2016

# ECIDS Roadmap

## ECIDS HIGH LEVEL ROADMAP (TASK FLOW)

Vinod Dhanabalan | March 8, 2016



Key:

- RWG
- DGWG
- TWG
- Portfolio
- Approval
- Multi-Group

# ECIDS Cross-Departmental Analytic Plan: The Three Research Questions for 2016

## ▶ DCF:

- Focused on Policy Question #2: Which children and families are and are not being served by which programs/services?
- Conduct a distinct count of children in early childhood programs across the three agencies.

## ▶ DHS:

- Focused on Policy Question #1: Are children, birth to five, on track to succeed when they enter school and beyond?
- Among children in WE-TRAC with an identified hearing loss and those enrolled in the Birth to Three Program for reasons related to hearing loss who were born in WI during 2007-2011, what were the rates of behavioral issues in 4K and K in this student population? Behavioral issues will be measured by attendance rates and suspensions rates during the 4K and K school years.

## ▶ DPI:

- Focused on Policy Question #1: Are children, birth to five, on track to succeed when they enter school and beyond?
- What are the mean 3<sup>rd</sup> grade mathematics and reading test scores for Wisconsin children who were authorized to receive WI Shares child care subsidies in 2008?

# The ECIDS:

Does	Does NOT
<p>✓ Make the process of sharing data between our agencies easier, faster, and more reliable.</p>	<p>✗ Pool agencies' data together in a centralized data warehouse.</p>
<p>✓ Require adherence to all federal and state privacy laws and regulations.</p>	<p>✗ Abridge agencies and programs ownership of their data or data managers' data security responsibilities.</p>
<p>✓ Enable analysts to use de-identified data to study characteristics and outcomes of groups of participants.</p>	<p>✗ Provide data on individuals needed for day-to-day operations or case management.</p>
<p>✓ Strictly control access to data through agency assigned roles and by requiring data use agreements.</p>	<p>✗ Enable interested individuals to view and use agencies data at will.</p>

# ECIDS Progress and What is Planned Through 2016

## ▶ Key accomplishments

- Agreed on the “hybrid federated” approach
- Agreed on how we will match records across agencies
- Developed a process for exchanging data that ensures a very high level of protection for data records
- Mapped out a joint governing and decision making structure
- Set the foundation for hosting the ECIDS technical solution at DOA/DET
- Chose analytic questions involving data from all three agencies to pilot the ECIDS; these include a Distinct Count
- Circulated a draft data use agreement for building the technical solution for legal review by all three agencies (close to approval)

# ECIDS Progress and What is Planned Through 2016

## ▶ Planned for remainder of 2016

- Build, test, and operationalize the technical solution
- Approve data access policies controlling who may have what kinds of access to ECIDS data
- Complete the Distinct Count and the two other analytical questions
- Develop and approve a master data sharing agreement to streamline interagency data exchanges
- Re-Engage Internal and External Stakeholders
- Make plans for sustaining the ECIDS past the grant
- Apply for a one-year, no-cost extension to the RTTT grant for Project 10

“The simple act of describing something can galvanize action. What gets counted gets noticed. What gets noticed, gets done.”

*-- Glenn Fujiura, University of Illinois*