

# **TEFT Intensive**

# National Home and Community Based Services (HCBS) Conference August 28, 2017

# **Morning Agenda**

Time	Торіс			
8:30 - 9:30	Registration & Networking			
9:30 - 10:30	Collaborative Session with MFP			
10:30 - 10:45	Break & Transition to TEFT Intensive			
10:45 – 11:00	Overview & Introductions of CMS Team, Overview of TEFT Intensive Kerry Lida, TEFT Program Lead, DCST, CMS Allison Weaver, TEFT TA COR and Grantee Project Officer, DCST, CMS Alicia Ryce, TEFT Grantee Project Officer, DCST, CMS Teja Stokes, TEFT TA Coordinator, Truven Health Analytics			
11:00 – 12:00	eLTSS Harmonization Update & Next Steps Office of the National Coordinator for Health IT			
12:00 - 1:30	Luncheon Plenary			



## Welcome & Introductions of CMS Team, Overview of TEFT Intensive

Kerry Lida, TEFT Program Lead, DCST, CMS Allison Weaver, TEFT TA COR and Grantee Project Officer, DCST, CMS

Alicia Ryce, TEFT Grantee Project Officer, DCST, CMS Teja Stokes, TEFT TA Director, Truven Health Analytics



# eLTSS Harmonization Update & Next Steps

# Office of the National Coordinator for Health IT





#### eLTSS Harmonization Update & Next Steps

**HCBS TEFT Intensive** 

Date: August 28, 2017



#### Agenda

- Background: Purpose & Scope
- Round 2 Pilots Timeline
- eLTSS Core Dataset
- Round 2 Pilot Organizations
- eLTSS Round 2 Results
- Harmonization Approach and examples
- Value proposition for standardized information capture
- Common industry Standards
- Understanding Health & Human Services IT Standards
- Vision for eLTSS Dataset Integration
- Next Steps



# Background: What is the electronic Long-Term Services & Supports (eLTSS) Initiative?

- Launched in November 2014 as a joint project between CMS and ONC
- Driven by the requirements of the CMS Testing Experience and Functional Tools (TEFT) in Medicaid community-based long term services & supports (LTSS) Planning and Demonstration Grant Program
  - » eLTSS is <u>one of the four</u> TEFT Program Components
  - » 6 of 9 TEFT grantees participate in the eLTSS component of TEFT: CO, CT, GA, KY, MD, MN
- Supports CMS Requirements for Person-Centered Service Plans (PCSPs) as defined within the <u>HCBS 1915 (c) Waiver Final Rule</u>
  - » PCSPs support the person, make him or her central to the process, and recognize the person as the expert on goals and need



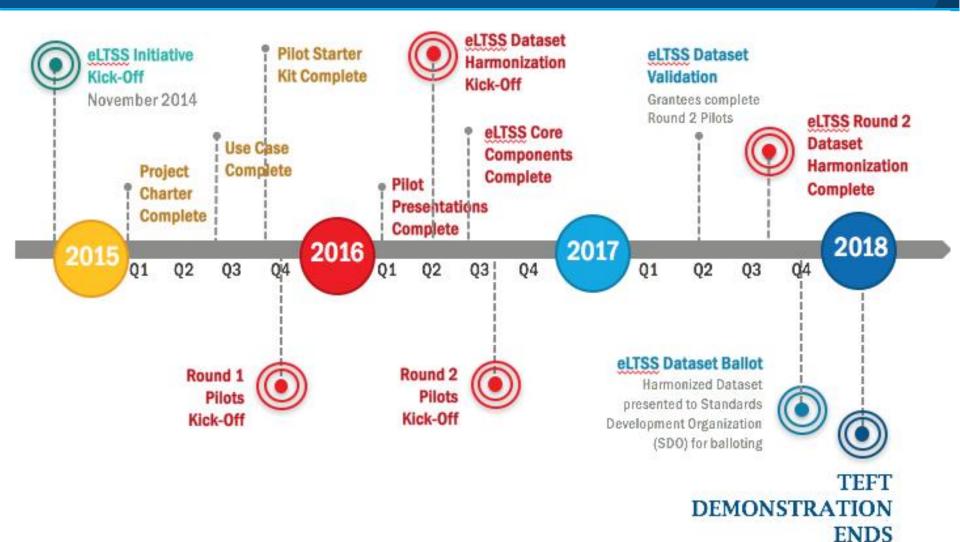
https://www.medicaid.gov/medicaid/ltss/teft-program/index.html

#### What is the scope of eLTSS?

- Identifying components or data elements needed for the electronic creation, sharing and exchange of person-centered service plans
  - » Data elements comprise the information needed by users of personcentered service plans; they are the units used to populate forms or containers of data for electronic exchange
  - » Designed so they are "understood" by various user groups:
    - Human Readable: e.g. Multi-disciplinary providers, beneficiaries and their caregivers, accountable entities and payers
    - Machine Readable: e.g. clinical and non-clinical IT systems used by the various groups
- 2. Field testing/piloting these data elements within participating organizations (pilots) respective systems (paper based and electronic)

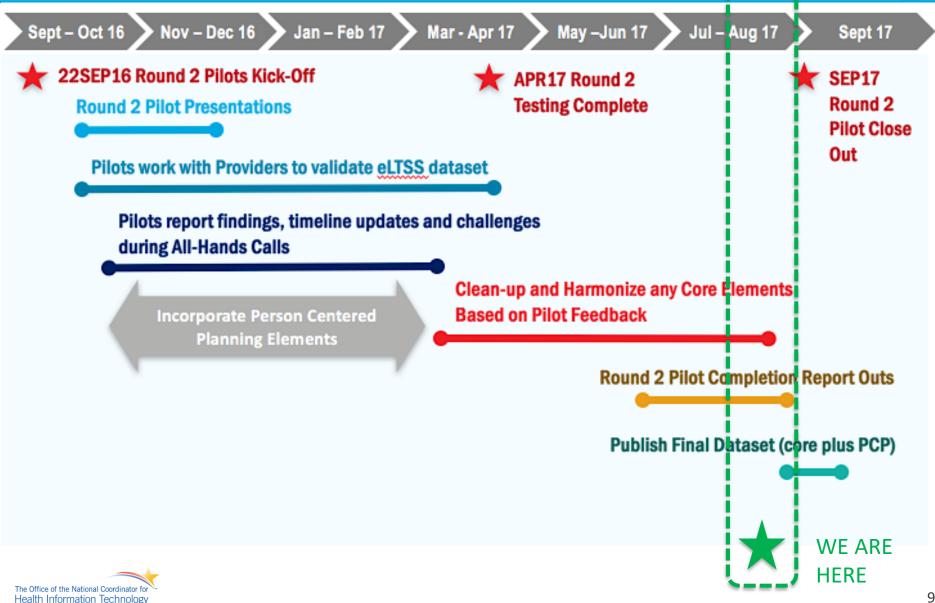


#### eLTSS Initiative At-A-Glance





### **Round 2 Pilots Timeline**



#### eLTSS Round 2 Pilots

- Kicked off on September 22, 2016
- Round 2 pilots tested the agreed upon "Core" Plan elements identified by eLTSS Community as part of Round 1 Pilot activities
- Piloting included:
  - » Updating the Pilot organization's current Service Plan to include the eLTSS Core data elements; AND/OR
  - » Mapping the existing organization's Service Plan to the eLTSS Core data elements
- Piloting required SENDING the Plan to multiple provider groups
  - » Plan could be sent electronically using secure email and/or fax
- Providers RECEIVING the plan provided feedback on the eLTSS Core data elements

Grantee Pilot Sites were encouraged to identify **3** to **4** different types of providers to engage in the pilots.



#### What was Piloted? eLTSS Core Dataset

- Pilots were asked to test at least 80% or 38 elements from dataset
- Total Number of Elements: 47

Risk: 1 Element	Financial Information: 4 Elements	Service Provider Name & Other	Plan Signatures: 9 Elements	Service Information: 11 Elements		
Identified Risk		Identifiers: 5 Elements	Person Signature			
	Plan Funding Source		Person Printed Name	Service Name		
Plan Period/Plan	Program Name	Support Planner Name Support Planner Phone		Service Start Date		
Effective Dates:	Total Plan Budget	Number	Person Signature Date	Service Start Date		
1 Element		Service Provider Name	Guardian / Legal Representative	Service End Date		
Plan Effective Date	Total Plan Cost	Non-Paid Service	Signature	Service Comment		
		Provider Relationship	-			
Service Preferences:	Emergency Backup	Type Service Provider Phone	Guardian / Legal Representative Printed	Service Funding Source		
2 Elements	Plan:	Number	Name	Service Unit Quantity		
Person Service	4 Elements		C adia / Larah			
Agreement Indicator	Emergency Backup	Beneficiary Demographic:	Guardian / Legal Representative	Unit of Service Type		
Person Service Provider Choice Indicator Goals & Strengths: 4 Elements	Name	6 Elements	Signature Date	Service Unit Quantity		
	Non-Paid Emergency Backup Relationship Type	Person Name	Support Planner	Interval		
		Person Identifier	Signature			
		Person Identifier Type		Service Rate per Unit		
Assessed Needs	Emergency Backup		Support Planner Printed Name	Service Total Units		
Goal	Phone Number	Person Date of Birth		Service local Units		
Step or Action	Emergency Backup Plan	Person Phone Number	Support Planner Signature Date	Total Cost of Service		
Strengths	Text	Person Address	Signature Date			
Health Information Technology				11		

#### eLTSS Round 2 Pilot Organizations

TEFT Organization	User Story Tested
<b>CO:</b> Dept. of Health Care Policy & Financing	User Story 1: LTSS Eligibility, eLTSS Plan Creation and Approval
<b>CT:</b> Dept. of Social Services Division of Health Services	User Story 2: Sharing a Person-Centered eLTSS Plan
GA: Dept. of Community Health	User Story 1: LTSS Eligibility, eLTSS Plan Creation and Approval
<b>KY:</b> Office of Administrative & Technology Services	User Story 1: LTSS Eligibility, eLTSS Plan Creation and Approval User Story 2: Sharing a Person-Centered eLTSS Plan
MD: Dept. of Health & Mental Hygiene	User Story 2: Sharing a Person-Centered eLTSS Plan
MN: Dept. of Human Service	User Story 2: Sharing a Person-Centered eLTSS Plan

Detailed presentations from each of the Pilot Sites available here:

http://oncprojectracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Pilots#eLTSSPilots-Round2PilotPlanPresentations

#### \*\*eLTSS Pilots are open to all participants regardless of participating grant program

#### **Non-TEFT Pilot Participation**

- In addition to the 6 TEFT Grantees, 5 Non-TEFT organizations participated in Round 2 pilots
  - Meals on Wheels
  - Medical Micrographics
  - Therap
  - Netsmart
  - FEi Systems
- All presentations available via eLTSS Past Meetings Link: <u>https://oncprojectracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Past+</u> <u>Meetings</u>



#### Round 2 Pilots Results

#### • All 47 data elements tested by participating pilots

- » 5 TEFT grantees engaged 3 or more providers
- TEFT grantee mapped the eLTSS dataset to nationally recognized electronic care plan standard (HL7 C-CDA Care Plan Document Template)
- Pilots submitted total of 270 comments related to the 47 data elements
- Pilots requested addition of ~ **114 NEW elements** to dataset
- All pilots used an IT system to validate data elements
  - » 5 TEFT grantees used their existing Medicaid Case Management or LTSS system
  - » 2 TEFT grantees adopted integrating health IT platform; one incorporated data from multiple electronic health record systems



#### Round 2 Pilots Results: Number & Types of 'Users'

1 Beneficiary	1 Skilled Nursing Facility
1 CDO Service Advisor	1 Support Planner
1 CMA Organization	1 Vocational Rehab
1 County Provider	1 Waiver Program Supervisor
1 In-Patient Behavioral Health	2 Adult Day Health
1 Meal Delivery Service	2 SEP Organizations
1 Nurse Monitor	3 In-home Personal Assistants
1 Personal Support Services and Skilled Home Health	4 Case Managers
1 Quality Improvement Organization	

Th

#### Harmonization Approach

Harmonization (definition): *to bring into harmony, accord or agreement* When speaking of standards, relates to process of minimizing redundant or conflicting standards which may have evolved independently.

Sources http://usanuarasancom/about/namonang/sanuaras/

- Data elements identified for harmonization, and thereby included for discussion with eLTSS community, needed to meet following criteria:
  - » Used by 4 or more Pilots in their existing plans
  - » Not used as intended on plan
  - » Suggestions for changes/edits to name, definition or format
- All comments and feedback were consolidated into a spreadsheet and were scheduled for review as part of weekly public calls
  - » Consolidated harmonization spreadsheet with dispositions made available at: <u>https://oncprojectracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Home</u>



#### Harmonization Example: Plan Funding Source

	СО	СТ	GA	KY	MD	MN	FEi	MoW	Total
Included in Pilot's Plan?	Y	Y	Ν	Ν	Ν	Y	Y	N	4

#### **Definition:** The source(s) of payment for the plan.

**Common themes in provider feedback (5 comments total)** 

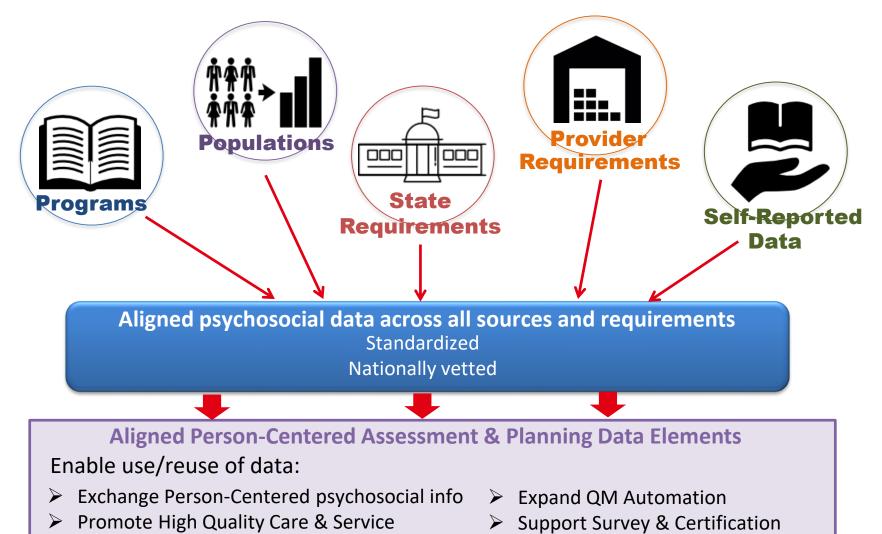
There are many different payer sources.

Does not need to be included in plans

# **PROPOSAL:** Remove Plan Funding Source from the core eLTSS Dataset



#### Why Harmonize Data Elements? Value Proposition for Standardized Information Capture



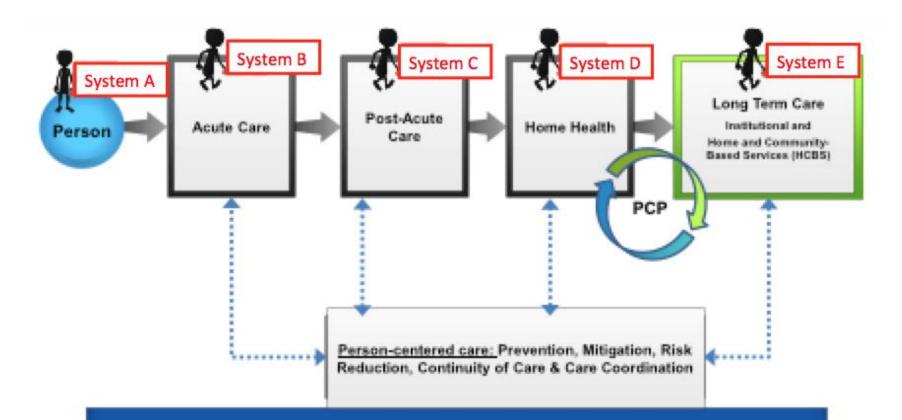
- Support Care & Service Transitions
- Reduce Provider & Individual Burden

Health

Generate Payment

Process

#### Standardization: Ideal State



### Information Follows the Person

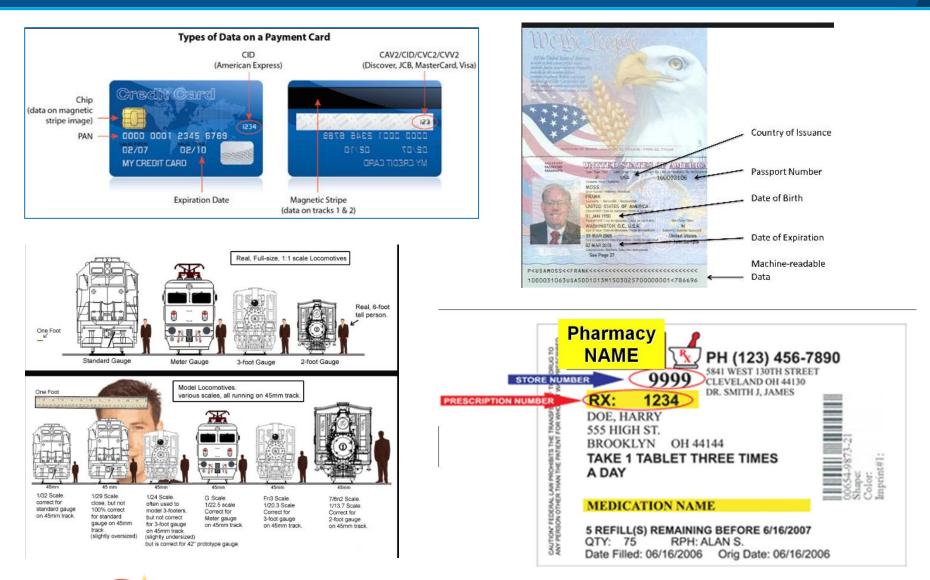
**\*\***Standardization at the data level, not IT system level.

Information can be captured in different IT systems to include EHRs, PHRs, care



coordination systems, HCBS/LTSS systems.

#### What are Common Industry Standards?



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### What is a Health & Human Services IT Standard?



Source https://ec.europa.eu/digital-single-market/news/ict-standards-infographic

An IT standard provides the fundamental *definitions for* and *structures of* the data that can be communicated electronically across a wide variety of healthcare use cases.

They refer to agreed-upon FILE formats for **electronic documents**, **messages**, and other healthcare related **data elements**.

They permit two or more disparate entities to work in some cooperative way to share information in a secure and seamless way.

Health Information Technology

# Why are Standards Important for Health & Human Services Industries?

- Need common approach for representing and exchanging health and human services data:
  - » Those who collect it from outside sources
  - » Those who enter it into electronic format
  - » Those who analyze it
  - » Those who verify the findings
  - Those that communicate the information for interventions (health, public health and services related)



#### What are Types of IT Standards?

STANDARD TYPE	FUNCTIONS OF STANDARDS	<b>REAL WORLD EXAMPLE</b>		
VOCABULARY & TERMINOLOGY	Information is universally understood	Specific words and language used in a letter/package		
FORMAT, CONTENT & STRUCTURE	Information is in the appropriate format	Structure and specific type of information in the letter/package		
TRANSPORT	Information moves from point A to point B	Method used to move letter/package from one address to another		
SECURITY	Information is securely accessed and moved	Sealing the envelope or package		
SERVICES	Support the exchange of information	Delivering to intended recipient, finding address, insuring package for delivery		

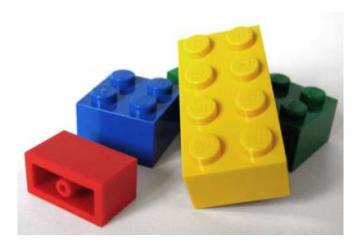


#### Vocabulary & Terminology Standards

- These are the "words" you choose to use to communicate information so you are clearly understood
- In health & human services, these can be tables of codes that describe things:
  - » Numbers as county codes (FIPS)
  - » Reportable diseases as number codes
  - » ICD-9, ICD-9 CM, ICD-10 codes for underlying cause of death
- These codes are represented as **data element attributes**
- Common code standards include:
  - » LOINC (e.g. code for activities of daily living score is 72095-3)
  - » SNOMED CT (e.g. code for current every day smoker is 449868002)
  - » RxNorm (e.g. code for Ibuprofen is 5640)



Define the structure of the building blocks which can be used to contain a multitude of data elements that can be captured, stored, accessed, displayed and transmitted electronically for use and reuse in many formats



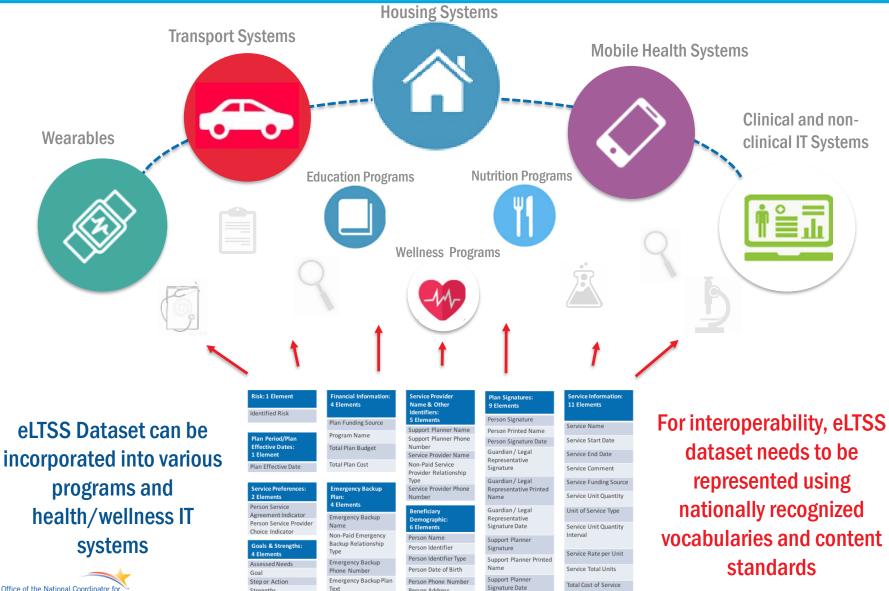


THE WAY YOU PUT WORDS TOGETHER



#### Vision for eLTSS Dataset Integration

Strengths



Person Address

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#### eLTSS Dataset Standardization

- eLTSS dataset has been "harmonized" so it can be easily understood across "human" end-users
- Next level of harmonization involves standardization so dataset is machine readable and thereby "interoperable" across multiple systems
  - » Need to identify applicable vocabulary, content and transport standards
- A few of **vocabulary standards** exist for eLTSS elements that are commonly collected in clinical systems
  - » E.g. person demographics, goals, preferences
- Most of eLTSS dataset consists of elements that do not have existing vocabulary standard available for machine readability
- **Content standards** such as C-CDA and FHIR will need to be updated if used to support eLTSS dataset exchange

#### Example: Existing Vocabulary Standards and Gaps

eLTSS Data Element	Definition	Datatype/ Format	Applicable Code Standard
Goal	A statement of a desired result that the person wants to achieve	String/ Free text	LOINC Goals Narrative ( <u>61146-7</u> )
			Goals Achievement value set: Goal achieved Goal not achieved Goal not attainable, No progress toward goal
Assessed Need	The clinical and/or community based necessity or desire as identified through an assessment that should be addressed by a service.	String/ Free text	Not available



#### eLTSS Standardization: Next Steps

- Applicable vocabulary, content and transport standards for the eLTSS dataset need to be identified and assessed through the international standards development organization (SDO): HL7
- HL7 serves as the curator and publisher for nationally recognized clinical and community-based standards to include: C-CDA, FHIR, HL7 v3
  - Currently there are a limited number of HL7 standards that can be used "as is" to support human service information exchange
- The eLTSS dataset will be presented to HL7 for further review by the larger standards development community
  - » HL7 will provide guidance on best available standards and revisions needed to update these standards so they can be used to capture, share and exchange eLTSS information across clinical and HCBS settings



#### eLTSS Initiative: Project Team Leads

- ONC Leadership
  - » Elizabeth Palena-Hall (elizabeth.palenahall@hhs.gov)
  - » Caroline Coy (caroline.coy@hhs.gov)
- CMS Leadership
  - » Kerry Lida (Kerry.Lida@cms.hhs.gov)
- Community Leadership
  - » Mary Sowers (msowers@nasddds.org)
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- Initiative Coordinator
  - » Evelyn Gallego (evelyn.gallego@emiadvisors.net)
- Project Management
  - » Lynette Elliott (lynette.elliott@esacinc.com)
- Use Case & Functional Requirements Development
  - » Becky Angeles (becky.angeles@esacinc.com)
- Pilots Management
  - » Jamie Parker (jamie.parker@esacinc.com)



## **Back-Up**



#### CMS 2014 Medicaid HCBS Rule

Defined by Medicaid under **§ 441.301(c)** as part of the scope of services and supports required under the State's 1915(c) Home and Community-Based Settings (HCBS) waiver to include:

- The setting in which the individual resides is chosen by the individual
- Individual's strengths and preferences
- Clinical and support needs as identified through an assessment of functional need
- Individual's identified goals and designed outcomes
- Services and supports that will assist individual to achieve identified goals, and providers that will perform services
- Risk factors and measures in place to minimize them
- Individual and/or entity responsible for monitoring the plan
- Informed consent of the Individual
- Services the individual elects to self-direct

\* Source: https://www.federalregister.gov/articles/2014/01/16/2014-00487/medicaid-program-state-plan-home-and-community-based-services-5-year-period-forwaivers-provider



### **Key Inputs to Person-Centered Plan: Person-Centered Profile**

#### WHAT IS IMPORTANT TO ROBERT Having a straw to hold Looking sharp Using my iPad apps **Drinking water** Out and about Eating out Swimming Church Music Family **Healthy food Recreation**, sports Volunteer, Job PEOPLE WHO HELP ROBERT BEST SUPPORTS ROBERT NEEDS TO BE HAPPY, HEALTHY, AND SAFE Tell me when I do well Medication on time **Cheerful and outgoing Careful in parking lots** Assist me to do things for myself Help in bathroom Help me do what I like to do Seat belt on Use positive language (not "don't...") Tell me the plan Wear ID bracelet Keep my house clean and neat Use bathroom a lot Communicate and keep my mom in the Call Mom if problem or question(s) 410.733.9539 Minimize waiting for things to happen WHAT PEOPLE LIKE Deep breaths if agitated Know I may have a seizure AND ADMIRE ABOUT ROBERT Safe seizures **Identify fun activities Suntan lotion** Say what I want, decisive Professional Food cut up Good memory Stay with me **Teeth clean** Like everyone Think ahead Handsome and polite No balcony use Safe driver High energy, adventurous Engage me Nurse Lara: 443.677.7130 Love my family Are on time **Deep thinker**

Nice dresser Mellow

Funny

Like to "chill"

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loop



# **Questions?**



# Lunch

# TEFT Intensive Resumes at 1:30 pm

# Afternoon Agenda

Time	Торіс
1:30– 2:45	Round Table Discussions – TEFT Sustainability & Advice for the Future
2:45 – 3:00	Break
3:00 – 3:45	<b>TEFT Evaluation</b> <i>The Lewin Group</i>
3:45 – 4:15	Individual State Awards Teja Stokes, Truven Health
4:15 – 4:30	<b>TEFT Intensive Wrap-Up &amp; Adjourn</b> CMS TEFT Team: Kerry Lida, Allison Weaver, Alicia Ryce



## **Round Table Discussions – TEFT Sustainability & Advice for the Future**



## **Break**

### **Reconvene at 3:00**



# **TEFT Evaluation**

### **The Lewin Group**







### Testing Experience & Functional Tools Monitoring & Rapid-Cycle Evaluation: Thinking Back & Looking Forward

### **HCBS Conference TEFT Intensive**

The Lewin Group August 28, 2017

- What is TEFT?
  - Medicaid HCBS planning and demonstration grant
  - Awarded by CMS in 2014 to nine states to test HCBS tools
  - Lewin awarded the monitoring and rapid-cycle evaluation contract



TEFT Timeline: Select Activities Key: States TEFT Partners						
Component	Y1: April '14 to March '15	Y2: April '15 to March '16	Y3: April '16 to March '17	Y4: April '17 to March '18		
EoC Survey AZ, CO, CT, GA, KY, MD, MN, NH	Round 1: Data Analysis (			Collection & Analysis States)		
FASI AZ, CO, CT, GA, KY, MN	TEP (RTI)	TEP (Truven)		Round 1, Analysis, & TEP (Truven & GW)		
	FASI Planning (States)			Round 2 (States)		
PHR CO, CT, GA, KY, MD, MN	PHR Planning (States)		PHR Roll Out (States)			
			PHR Survey OMB (Lewin)	PHR Survey & Analysis (Lewin)		
eLTSS CO, CT, GA, KY, MD, MN	Pre-Discovery & Discovery (States & ONC)	Implementation (States & ONC)	Pilot Phases 1 & 2 (States & ONC)	Testing & Harmonization (States & ONC)		
				Publish Final Data Set (ONC)		

\*Discussions being held about potential No-Cost Extension but ONC, Truven, & Lewin work ends March 2018

#### Lewin Monitoring and Evaluation Methods

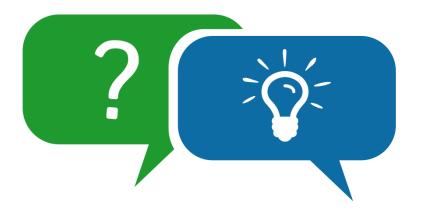
Method	Purpose	Data Collection	Data Dissemination
Formative Evaluation	<ul> <li>Program monitoring and rapid-cycle provision of feedback, information, lessons learned, and recommendations to states and CMS</li> </ul>	<ul> <li>Quarterly Monitoring Report (QMR) Website</li> <li>CMS and TEFT Partner Meetings</li> </ul>	<ul> <li>CMS: QMR Analysis Report and Executive Summary, Annual Report and Handout</li> <li>Partners and States: QMR Dashboards and Timelines, Annual Handout</li> </ul>
Systems Outcomes Evaluation	<ul> <li>Map and monitor changes in state LTSS systems, structures, and processes</li> </ul>	<ul> <li>LTSS Systems Maps</li> <li>Information Exchange Maturity Scores</li> <li>Site Visits</li> </ul>	<ul> <li>CMS and States: Maps, Scores, Site Visit Summaries</li> <li>Partners: Maps and Site Visit Summaries</li> </ul>
Beneficiary Outcomes Evaluation	<ul> <li>Review each state's personal health record (PHR) system</li> <li>Survey users to review their experience with the system</li> </ul>	<ul> <li>PHR User Survey</li> <li>Case Manager and HCBS Provider Listening Session</li> </ul>	• CMS, Partners, and States: Reviewed PHR User Survey instrument



A minute to reflect: Planning & Implementation

What worked in your state's planning and implementation of the TEFT Demonstration?

### What caused it to work?





A minute to reflect: Stakeholder Engagement

What are the biggest insights you gained from stakeholder engagement for each component?

What stakeholder groups were not included, but should have been or should have been included earlier?





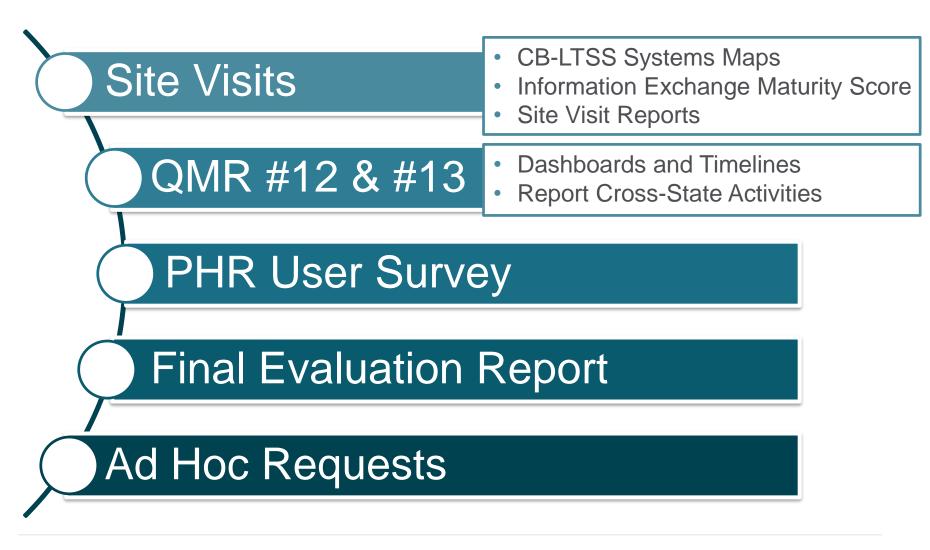
A minute to reflect: Looking Forward

What would your state do more of, better, or differently as we move into the final months of the Demonstration?





#### Lewin Next Steps: August 2017 to March 2018 TEFT Evaluation Activities





#### Lewin Contact Information

TEFT Evaluation, General Questions and Website Support

- TEFT@lewin.com
- Cindy Gruman, Project Director
  - cindy.gruman@lewin.com
  - **703-269-5506**
- □Kathleen Tucker, Project Manager
  - kathleen.tucker@lewin.com
  - 703-269-5752
- Ashley Tomisek, PHR Survey
  - <u>ashley.tomisek@lewin.com</u>
  - **703-269-5632**





# **Individual State Awards**

## Teja Stokes, Truven Health Analytics



# TEFT Intensive Wrap-Up & Adjourn

### **CMS TEFT Team:**

# Kerry Lida, Allison Weaver, Alicia Ryce



# **Thank you for attending!**