

Functional Assessment, Interoperability, and Quality Measurement: FASI Paves the Way

HCBS Conference Virtual Session December 2021



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Today's Presenters



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Learn how states are building their HCBS delivery system in support of interoperability and quality.



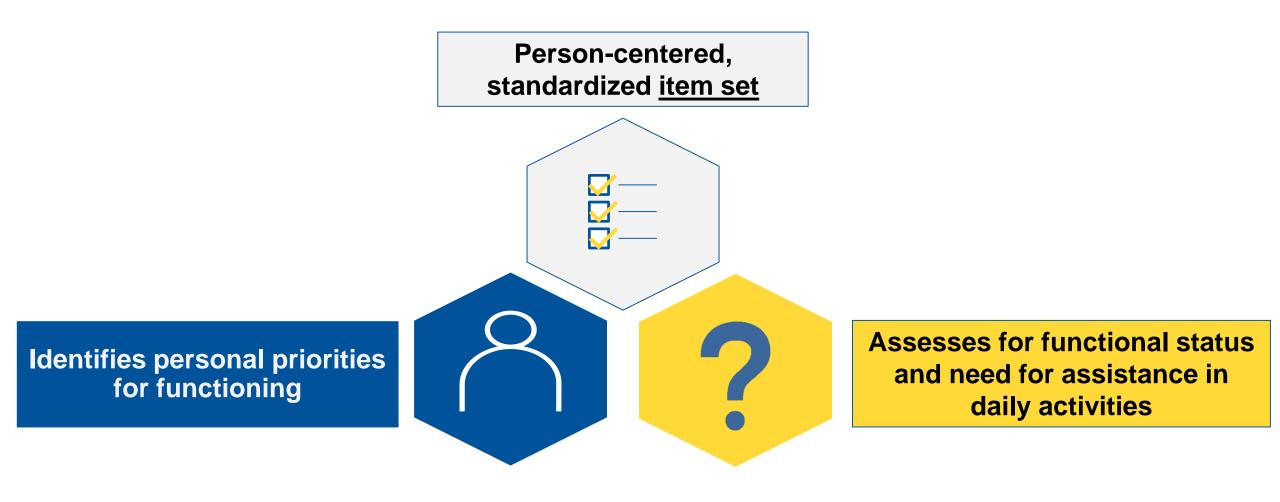
Discover new CMS updates about interoperability and care coordination using the CMS Data Element Library (DEL) and Post-Acute Care Interoperability Project (PACIO) use cases



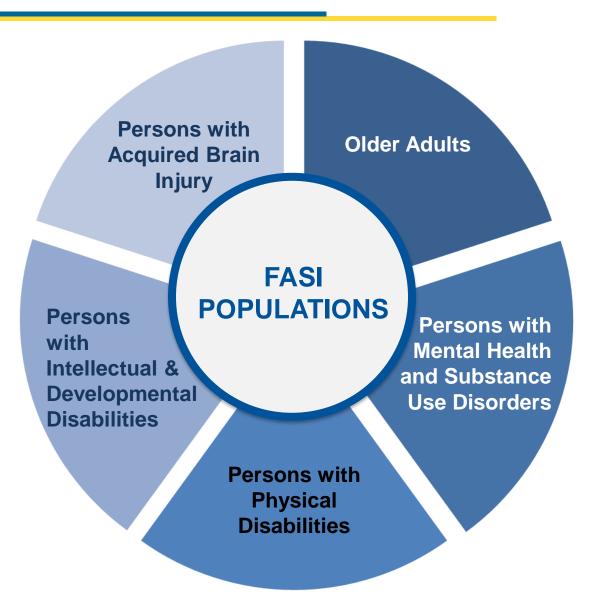
Learn about the two FASI performance measures.

Introduction to FASI Trudy Mallinson, George Washington University





FASI Populations



FASI Domains and Data Element Codes

Data Element Code	Domain
GG0130	Self-Care (e.g., Eating, Bathing, Dressing)
GG0170-0175	Mobility (e.g., Positioning, Transfers, Ambulation, Wheeling)
GG0185	Instrumental Activities of Daily Living (IADLs) (e.g., Meal Preparation, Shopping)
GG0125	Assistive Devices for Everyday Activities
F0900-0920	Living Arrangements, Availability of Assistance, Availability of Paid and Unpaid Assistance
GG0135, GG0180, GG0190, FO910, F0925	Personal Priorities

FASI Rating Scale

- FASI includes a standardized rating scale across all Self-Care, Mobility, and IADL Domains.
- Scale options range from Independent to Dependent and are similar to rating scales used across functional assessments used by most states
- Responses are based upon Usual and Most Dependent performance

Performance Level				
(Enter Codes in Boxes)				
7. Usual	8. Most Dependent			

Coding Safety and Quality of Performance: If helper assistance is required because person's performance is unsafe or of poor quality, score according to amount of assistance provided. *Activities may be completed with or without assistive devices.*

- 06. **Independent** Person completes the activity by him/herself with no assistance from a helper.
- 05. Setup or cleanup assistance Helper sets up or cleans up; person completes activity. Helper assists only prior to or following the activity.
- 04. Supervision or touching assistance Helper provides verbal cues and/or touching/steadying and/or contact guard assistance as person completes activity. Assistance may be provided throughout the activity or intermittently.
- 03. **Partial/moderate assistance** Helper does LESS THAN HALF the effort. Helper lifts, holds, or supports trunk or limbs, but provides less than half the effort.
- 02. Substantial/maximal assistance Helper does MORE THAN HALF the effort. Helper lifts or holds trunk or limbs and provides more than half the effort.
- 01. **Dependent** Helper does ALL of the effort. Person does none of the effort to complete the activity. Or, the assistance of 2 or more helpers is required for the person to complete the activity.

Personal Priorities

- Open-ended response opportunity at the end of a section for individuals to list their top two priorities for the next 6 months
- Asked at the end of:
 - Self-Care
 - o Mobility
 - o IADL
 - Living Arrangements
 - Paid and Unpaid Assistance

GG0135. Self-Care Priorities:

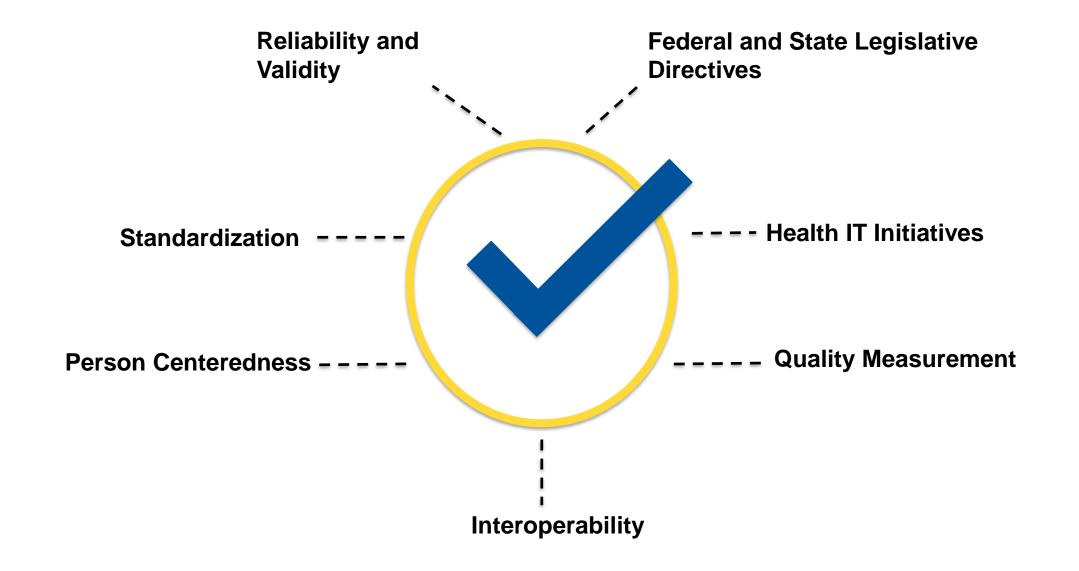
Please ask the person to describe at least one or two personal priorities in the area of self-care for the next six months. If the person does not express any personal priorities in this area, please note this below.

- A. I want to eat with a fork, without assistance after food is put on the table.
- B. I want to be able to go to the bathroom without help.

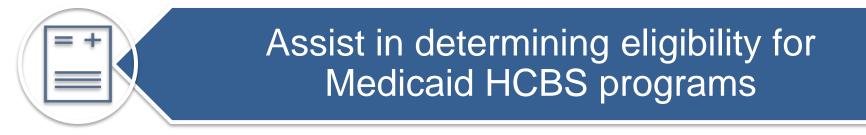
Value of Using FASI Heather Johnson, The Lewin Group

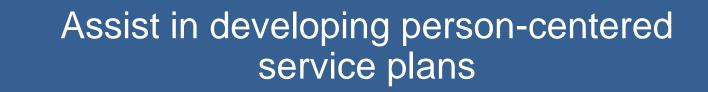


Selection of FASI: Key Considerations



How Can States and Managed Care Plans Use FASI?





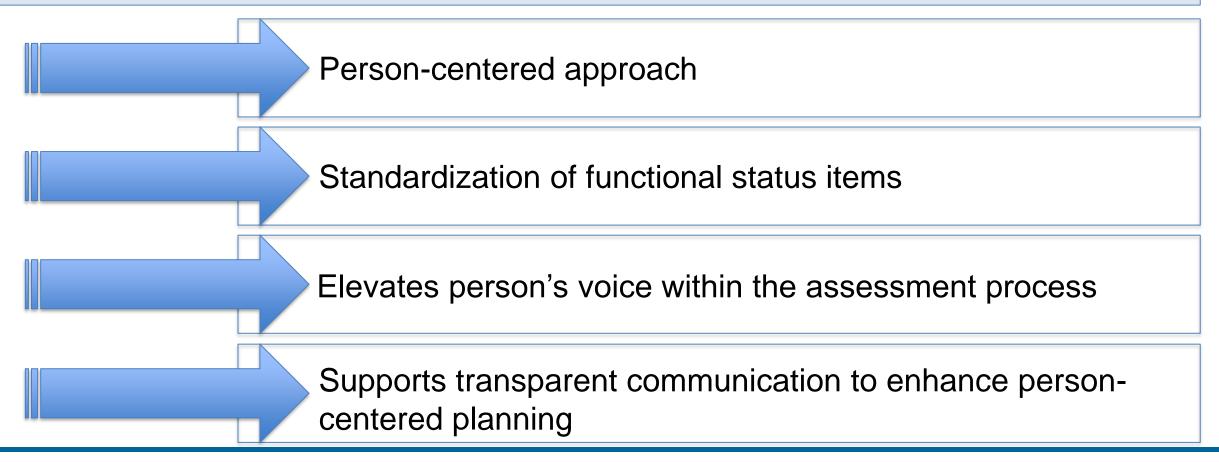




Report across multiple programs within a state

Stakeholder Engagement: Build Value Propositions

- Stakeholders use, interact with, and benefit from functional assessments in different ways and for different reasons
- Stakeholders have different perspectives about maintaining and changing current state assessment practices.



Measures the percentage of home and community-based (HCBS) recipients **aged 18 and over** who have **documented needs determined by FASI...**

Newly Endorsed NQF 3593: Identifying Personal Priorities for FASI

<u>AND</u> who have **identified at least as many total personal priorities (up to 3)** as needs in the areas of Self-Care, Mobility, or Instrumental Activities of Daily Living (IADL)as determined by their most recent FASI assessment.

Alignment of <u>services</u> with needs

<u>AND</u> documentation of a **comprehensive person-centered service plan** that **addressed identified functional needs** within the reporting period.

Alignment of person-centered service plans with functional needs

NQF 3593 Quality Measure: Why It Is Important

- The endorsement of NQF 3593 demonstrates a thorough and successful examination of the measure's reliability, validity, and importance.
- In 2020, NQF's Person-Centered Planning and Practice Committee released a <u>report</u> with a framework for quality measurement related to person-centered planning, especially for those in HCBS settings.
- This report specifically recognizes the FASI item set as one of the few person-centered assessments available and calls for quality measures that ensure that individuals' needs, and priorities are appropriately assessed and documented within the individuals' service plan.

States and managed care plans can incorporate the FASI set into Medicaid HCBS assessments and use the information for developing person-centered service plans that specify the type and level of services and supports necessary to meet those needs.

Oregon's Use of FASI

Fred Jabin, representing Oregon Office of Developmental Disability Services



WHY WAS THE OREGON NEEDS ASSESSMENT (ONA) DEVELOPED?

- CMS required that everyone receiving I/DD services
 receive an annual functional needs assessment
- Oregon legislature required that ODDS (Oregon Developmental Disabilities Services) use a single assessment tool for all services

CURRENT ASSESSMENT TOOLS

Supports Intensity Scale (SIS)

- Used for group homes, vocational services

Support Needs Assessment Profile (SNAP)

– Used for Foster care homes

Adult Needs Assessment (ANA)

- Used for adult's in-home services

Child's Needs Assessment (CNA)

- Used for children's in-home services

STAKEHOLDER INPUT

Stakeholders did a national search and narrowed it to four assessment tools:

- But eventually rejected all the tools
- ODDS decided to adapt the Adult Needs Assessment/Children's Needs Assessment (ANA/CNA) to be used for all service elements

BACK TO THE DRAWING BOARD

 ODDS determined that it would adapt the ANA/CNA tools to be used for all the service elements

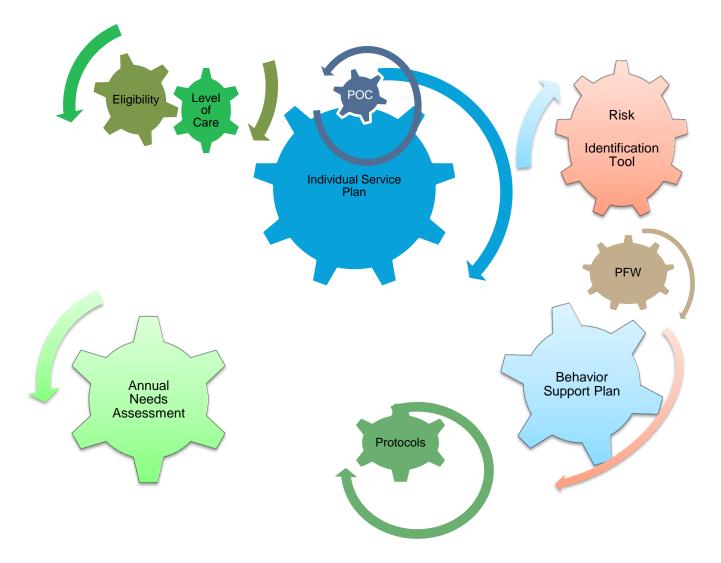


ANA/CNA NEEDED REVISIONS

- ODDS knew that there were some items in the ANA/CNA that weren't reliable or valid
- ODDS held focus groups around the state to determine what stakeholders wanted changed in the ANA/CNA



CONSUMER VIEW



TOP REQUESTS FOR THE ASSESSMENT PROCESS

- 1. Avoid Duplication
- 2. Get rid of repetitive answers
- 3. Don't make us do the same thing over and over again
- 4. No need to reproduce similar responses
- 5. Remove repetition
- 6. Take out redundancy
- 7. Reiteration isn't necessary

COMMON ISSUES AND CONCERNS

- Person Centered
- Avoid Duplication
- Simple to Use/Easy to Understand
- Covers the Needs
- Useful to Service Planning
- Meets State and Federal Requirements

HOPEFUL GOALS

- Free up time for Services Coordinators and Personal Agents.
- Less Probing of individual who receive services
- More accurate capturing of support needs
- Smoother more streamlined process

THREE TOOLS

7

X	Copy of ANA_Adult_In-home.xls [Compatibility Mode] - Microsoft Excel	🔲 👿 🚽 😈 🍠 🗉 🗋 🖛 LOC assessment.doc [Compatibility Mode] - Micros 🛛 Table Tools 👝 📼 🏻
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2 (Legal Name) 3 Name of Individual 4 Prime # Did the individual Height 5 patticipate in the 6 Assessment Type 7 Brokwage Personal Agent 7 Brokwage Personal Agent 8 Assessor's Name Fred Jabin	Age Weight Date of Assessment Phone Phone 503-363-0762	Level of Care Assessment (To be completed by SC/PA/CM) after file review and during or after face-to-face review; must be reviewed annually within 12 months. See instructions for further details. Level of Care Assessment Vision function with correction, if needed (check one): 1 full vision 2 difficulty at level of print 3 difficulty with obstacles 4 blind
9 Name of Assessment Participants Relationship to Individu 10 1. 1 11 2. 1 12 3. 1 13 4. 1 14 5. 1 15 6. 1 16 Start Time 1 17 Print Summary of the In-Home Care Hours Print the Entire In- Print Blant Assessment Assessme	I Phone	other: Hearing function with correction, if needed (check one): 1 full hearing 2 difficulty at level of communication 3 difficulty with alarm sounds 4 deaf comments: Self care (check one): 1 no assists needed 2 occasional assists needed 3 daily assists needed
20 Assessment Summary Assessment Assessment 2.Risk Identification Tool FINAL.pdf - Adobe Reader e Edt Vew Window Help e Edt Vew Wi	a vew bocument	4 frequent assists needed 5 total assists needed comments: Personal mobility status (check one):
HEALTH AND MEDICAL Not 1. Aspiration (check all that apply) a. Diagnosis of dysphagia, or has been identified to be at risk for Aspiration by a quality professional	Comments:	 1 no assists needed for mobility 2 occasional assists needed for mobility but mobile 3 adaptive equipment but no assists needed for mobility 4 adaptive equipment needed and some assists needed for mobility –Needs assistance 5 adaptive equipment needed and full assists needed for mobility comments:
 b. Ingests non-edible objects, places non-edible objects in mouth, or has a diagnosis of pica c. Has a feeding tube d. Diagnosed with gastroesophageal reflux (GER) and the physician has identified the person at risk of Aspiration e. Complains of chest pain, heartburn, or have small, frequent vomiting (especially after meals) or unusual burping (happens frequently or sounds wet) and the physician has identified the person at risk of Aspiration f. Someone else puts food, fluids, or medications into this person's mouth 		Communication — Expressive (checkall that apply): 1 speech easily understood 2 speech difficult to understand 3 uses sign language 4 uses gestures and/or some signs 5 uses alternative communication device 6 has no functional communication Comments:
if the person experiences any of the following symptoms, a current evaluation by a professional is required to determine if the person is at risk of Aspiration.(Check all g. Food or fluid regularly falls out of this person's mouth h. Coughs or chokes while eating or drinking (more than occasionally) i. Drools excessively j. Chronic chest congestion, pneumonia in the last year, rattling when breath persistent cough or frequent use of cough/asthma medication k. Regularly refuses food or liquid (or refuse certain food/liquid textures) l. Needs his/her fluids thickened and/or food texture modified m. tast or drinks too rapidly Evaluation result: Risk present No risk Other (see comments)	that apply)	Communication — Receptive (check all that apply): 1 other's speech easily understood 2 other's speech difficult to understand 3 can understand sign language 4 can understand gestures and/or some signs 5 can understand others using alternative communication device 6 has no functional understanding of communication comments:
Person receiving services: Date of last	pdate: Page 1 of 7	Page 3 of 7 SDS 0520 (09/14) ✓ Page: 3 of 7 Words: 1/1,823 ✓

SIDE BY SIDE COMPARISON

Risk Identification Tool	Adult Needs Assessment	Level Of Care
Enters into contracts that he/she may not be able to complete	Shopping and Money management	Independently manages finances to ensure basic necessities are met?
Unsafe medication management	Medication Management Supports	Medical management
Significant risk of exploitation	Safety	Will take action to protect self from threatening acts or gestures?
Self-Injury	Behavior Supports Formal Plan	Observed behavior support needs

NEXT STEPS

- Combined all items into one large spreadsheet.
- Returned to stakeholders for additional input

"It is too long, and you missed _____ And you should add it"



RELIABILITY AND VALIDITY TESTING

- ODDS contracted with Mission Analytics
- MA determined that many of the items were unlikely to meet reliability and validity the way they were written
- Suggested using FASI items that had similar intent when available and used items from other tools if there weren't FASI items

STAKEHOLDER REVIEW

- Stakeholders didn't think the 3-day look back was a good fit for our services
- Items were changed to consider supports needed over the previous 30 days



THREE COMPONENTS

- **1. Documentation review**
- 2. Face-to-face observation of the individual
- 3. Interview with individual and those they invite



PILOTING THE ONA

- ONA was tested using Inter-rater reliability
- Focus groups of ONA participants were interviewed and items cut



FASI ITEMS USED

Eating Oral Hygiene Toileting Hygiene Shower/Bath Self Upper Body Dressing Lower Body Dressing Putting on/Taking off Roll Left to Right Sit to Stand Chair/Bed to Chair Transfer Toilet Transfer Car Transfer Does the person walk? Walks 150 feet 1 step curb 12 steps Wheels 150 feet Light Shopping Medication mgmt. oral Medication mgmt. inhalant Medication mgmt. injectable

Adapted items from FASI

Does the person use a W/C? Makes a light meal? Housework? Money management?

TRAINING

- ONA assessors attend a 2-day training to receive a certification to conduct ONAs.
- ONA assessors are also required to attend quarterly trainings (usually 4 hours) that address changes, error trends, and facilitation techniques.
- ONA assessors have a monthly call ins to address additional issues and ask questions
- ONA assessors are assigned a Quality Assurance & Training (QAT) staff who can help them with difficult coding decisions.

QUALITY ASSURANCE

- Assessments are processed through a "flagging tool" that flags items that show possible inconsistencies in the ONA.
 QATs review flagged ONAs and make recommendations about needed changes to assessors.
- Assessors will be required to have a QAT review them conducting an ONA annually and will receive a certification to continue conducting ONAs if they meet coding requirements.



SERVICE GROUPS

	Adult 18+	Adolescent 12 – 17	Child 4 – 11	Infant/Toddler 0 - 3	
1	Very low	1 Very Low	3 Very Low to Low		
2	Low	2 Low	4 Moderate	5	
3	Moderate	3 Moderate		5(b) Infant/Toddler	
4	High	4 High	5	Supports 5(m)	
5 5(b) 5(m)	Very High	5 5(b) Very High 5(m)	5(b) High to Very High 5(m)		



An exception process is available for those whose Service Group does not meet their support needs.



AUTOMATED SYSTEM





LESSONS LEARNED

- It is very difficult to find objective criteria to determine support needs for human beings with diverse issues in a person-centered manner
- Flexibility and the ability to use professional judgment for outliers is key
- The funding algorithm should be considered at the same time the items and coding are chosen
- Don't have an international pandemic during the final steps of implementation

For further information about Oregon's ongoing FASI use, please contact Chelas Kronenberg, Office of Developmental Disabilities Services.

Colorado's Use of FASI

Michelle Topkoff, Colorado Department of Health Care Policy & Financing







Assessment and access processes vary significantly across populations and programs

ULTC 100.2

No set timeframes (e.g., in last 30 days)



Definitions and responses are vague and overlapping



Collects <u>very</u> little information outside of ADLs



Limited use when developing support plan

SIS

Requires agency staff to be specially trained on tool and pay for training/tool



Some stakeholders unhappy with the use of the SIS: length of time to complete; concerns that it doesn't capture enough information; concerns about the use for development of Support Levels

Local agencies have developed 30+ non-standardized tools to collect missing information from legacy tools

Other issues with tools include:



X No person-centered information



 \times No natural support and caregiver information

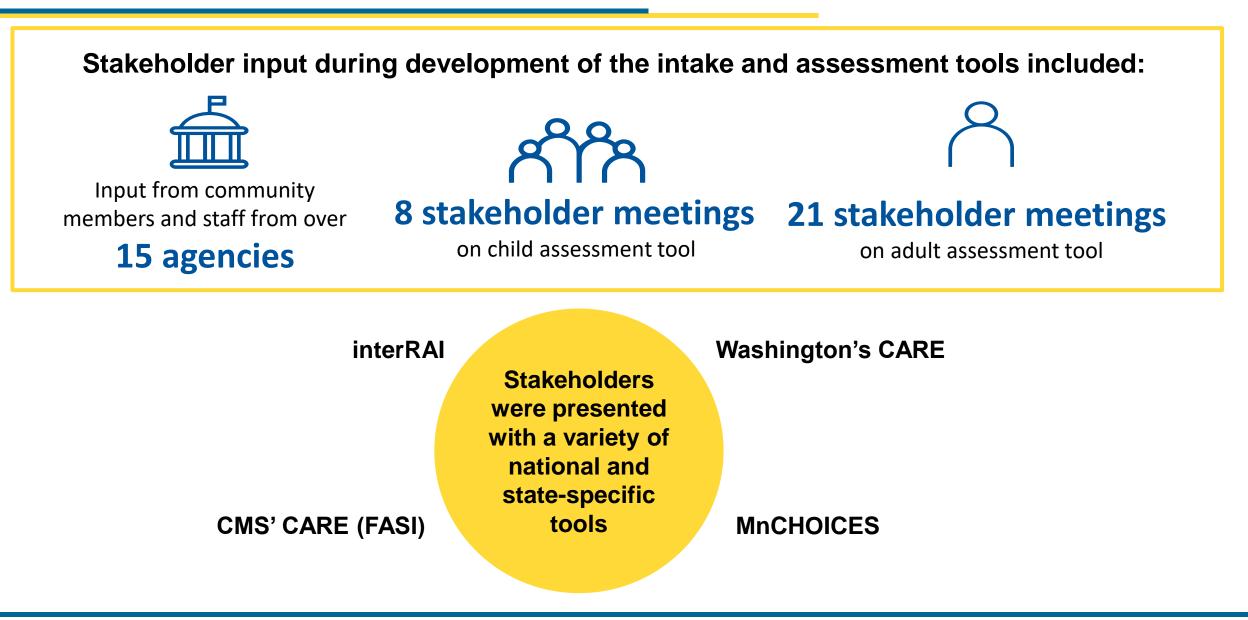


No screen of other areas of interest/need (e.g., employment, self-direction)

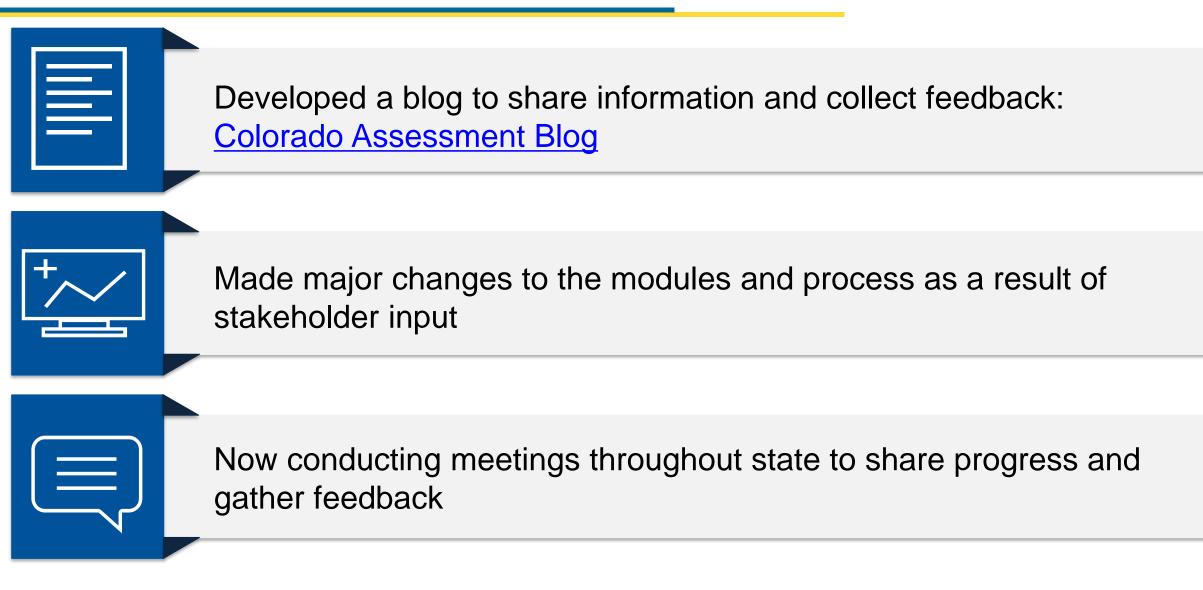


Very limited information that is useful for support planning

Stakeholder Input into the Development of the Process



Stakeholder Input into the Development of the Process (cont.)



Colorado Crosswalk of LTSS Assessment Tools

		interRAI	CARE	WI	MN	WA	MA	SIS	ICAP
Driving Systems Change	Person-Centered	Could Add	Could Add	Could Add	Included	Could Add	Could Add	Limited	Limited
	Self-Direction	Could Add	Could Add	Could Add	Included	Could Add	Could Add	Limited	Limited
	Coordination w/ medical								
	services	Yes	Facilitates	Facilitates	Facilitates	Facilitates	Facilitates	Limited	Limited
	Employment	Could Add	Could Add	3 items	Included	Could Add	Included	No	No
Determining Eligibility for Different Populations	EBD	Yes	Developing	Yes	Yes	Yes	Yes	No	No
	Mental Health	Yes	Developing	Yes	Yes	No	Yes	No	No
	IDD	Yes	Developing	Yes	Yes	No	No	Yes	Yes
	Brain Injury	Yes	Developing	Yes	Yes	Yes	Yes	No	No
	Spinal Cord Injury	Yes	Developing	Yes	Yes	Yes	Yes	No	No
	Children	Yes	No Plans	Yes	Yes	No	No	No	No
Resource Allocation	EBD	Existing	Could Develop	State-specific	State-specific	State-specific	State-specific	No	No
	Mental Health	Developing	Could Develop	State-specific	State-specific	State-specific	State-specific	No	No
	IDD	Existing	Could Develop	State-specific	State-specific	No	No	State-specific	State-specific
	Brain Injury	Existing	Could Develop	State-specific	State-specific	State-specific	State-specific	No	No
	Spinal Cord Injury	Existing	Could Develop	State-specific	State-specific	State-specific	State-specific	No	No
	Children	Developing	No	State-specific	State-specific	No	No	No	No
Opera- tions	Intake & Triage tools	Existing	Could Develop	Could Develop	State-specific	State-specific	State-specific	No	No
	Support Planning Tools	Existing	Could Develop	Could Develop	State-specific	State-specific	State-specific	Yes	Yes
Quality	Clinical/Functional Issues	Existing	Yes	State-specific	Could Develop	Yes	Could Develop	No	No
	Quality of Live/ Participant								
	Experience	Could Add	Developing	Could Add	State-specific	Could Add	Could Add	Could Develop	Could Develop
	Empirically Validated	Yes	Yes	Yes	No	Yes	MDS portion	Yes	Yes
	Used in other States	Multiple	No	1 State	1 State	1 State	1 State	Multiple	Multiple
	CMS Endorsed	No	Yes	No	No	No	No	No	No

Crosswalk of LTSS Assessment Tools by Purposes of Tools Endorsed by Stakeholders and States

Tools Selected as Starting Point for the Assessment Process

After careful review, Department and stakeholders decided to use components of the following tools:

CMS' CARE tool (Later changed to FASI)

• Standardized items throughout the tool (e.g., functioning, health)



Minnesota's MnCHOICES comprehensive assessment

- Modular format would serve as basis for CO process
- Person-centered items and modules (e.g., Personal Story)
- Items CARE/FASI did not contain (e.g., Psychosocial/Behaviors)



Approach for Developing the New Assessment Process

Understand current LTSS assessment process





Identify existing tools to be included in the new assessment process



Customize the tools to meet Colorado's needs



Pilots for components of the process



Adapt process for children

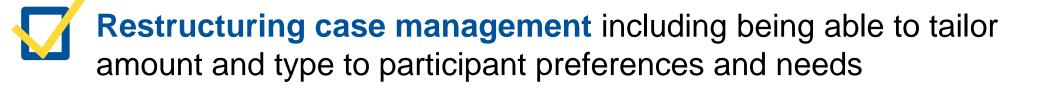


Develop plans for Person-centered Support Plan, automation, full-scale testing, and statewide implementation

Other LTSS Systems Changes New Assessment Process will Support

More person-centered system

More informed choice about self-direction





Foster competitive employment



Support emerging separation of eligibility assessment vs. support planning and ongoing case management

Other LTSS Systems Changes New Assessment will Support (cont.)

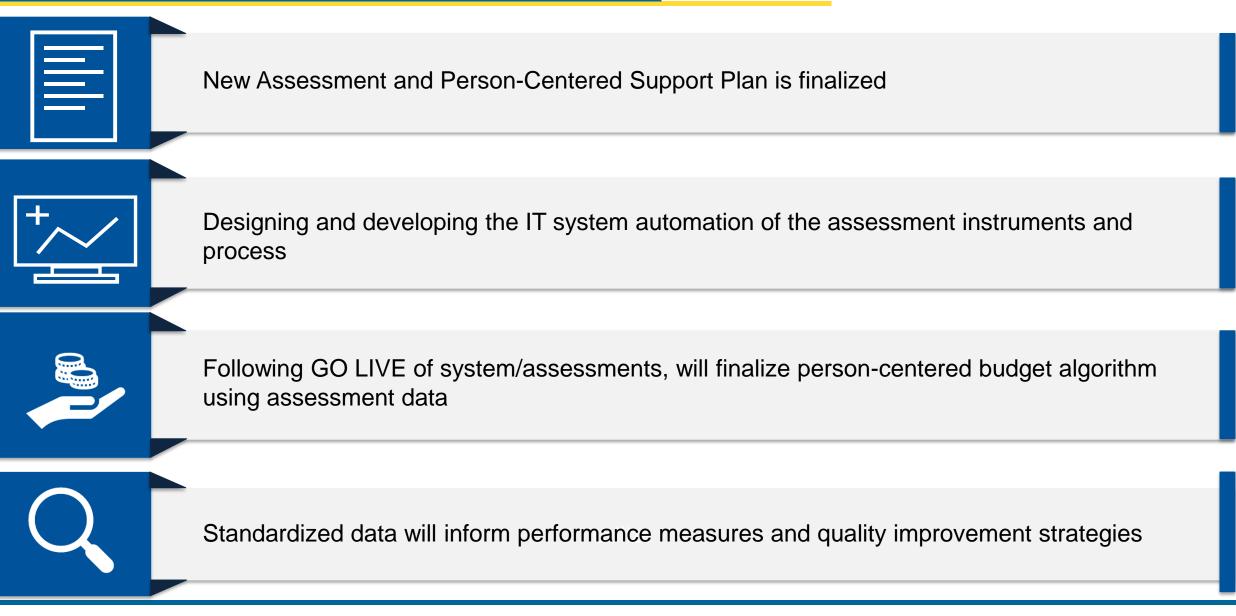
Objective and empirically-based person-centered budgets

Give people more choice and control over services

Allows expansion of consumer-directed principles to other services

Enhance quality management efforts, including quality of life/participant experience data

Project Status Update



CMS Data Element Library and LOINC



Individuals should have the ability to move from payer to payer, provider to provider, and have both their clinical and administrative information travel with them throughout their journey.

- CMS Interoperability and Patient Access Final Rule

Individuals, their families and health care providers should be able to send, receive, find and use electronic health information in a manner that is appropriate, secure, timely and reliable to support the health and wellness of individuals through informed, shared decision-making.

- ONC Shared Nationwide Interoperability Roadmap, Version 1

The ability of two or more systems or components to exchange information and to use the information to make better decisions. - Administration for Children and Families (ACF)

FASI Implementation: CMS Data Element Library and Interoperability

FASI is included in several current interoperability initiatives:

- CMS <u>Data Element Library (DEL)</u>, which serves as a repository of data elements used in CMS Assessment Instruments and their associated health IT standards.
- Logical Observation Identifiers Names and Codes (LOINC), a clinical terminology standard that provides a set of universal codes and structured names to unambiguously identify things you can observe and measure.
- <u>PACIO-eLTSS-PAC</u> Transition Summary Use Cases

DEL 101: What is the CMS Data Element Library?

- The CMS DEL is the centralized resource for CMS assessment instrument data elements (e.g., questions and responses) and their associated health information technology (IT) standards.
- The purpose of the DEL is to:
 - Promote interoperable health information exchange,
 - Support "Participants over Paperwork", and
 - Assist with standardization of assessment data elements to help facilitate care coordination.
- The DEL includes CMS assessment instruments across multiple care settings.
- The DEL does not contain personal health information (PHI).

Visit the DEL at: <u>https://del.cms.gov</u>

- Supports provider exchange of electronic health information for better care coordination to facilitate real-time, data driven, clinical decision making.
- Enables more seamless/less costly health information exchange.
- Reduces overall provider burden through use and exchange of health care data.
- Promotes high quality, personalized, efficient health care.
- Maintains consistency in format, meaning, and use of Assessment Instrument data element.
- Allows for access to and enables reuse and exchange of data elements.

Source: CMS Data Element Library HCBS Conference Presentation

LOINC 101: What are LOINC Codes?

- LOINC is the universal standardized language for identifying clinical tests and observations, for example, laboratory tests or vital signs.
- It is a common language for identifying health measures, observations and documents.
- LOINC codes represent the "question" for a test or measurement (in this case, FASI questions) and the person specific input represents the answer, or from FASI response scales (e.g., independent, partial/moderate assistance)

The PACIO Project is a collaborative effort to:

- Advance interoperable health data exchange between post-acute care (PAC) and other providers, participants, and key stakeholders
- Promote health data exchange in collaboration with policy makers, standards organizations, and industry through a consensus-based approach.
- http://pacioproject.org



Helpful Resources and Technical Assistance Opportunities



FASI Version 1.1. Please email the HCBS Measures Inbox at <u>HCBSMeasures@Lewin.com</u> for a copy of the FASI Template V1.1.

CMS Data Element Library: https://del.cms.gov/DELWeb/pubHome

LOINC FASI Codes: https://loinc.org/94848-9/

Post-Acute Care Interoperability Project (PACIO): https://confluence.hl7.org/display/PC/PACIO+Project+Functional+Status

CMS Testing Experience & Functional Tools (TEFT) Demonstration Reports: <u>https://www.medicaid.gov/medicaid/long-term-services-supports/testing-experience-functional-tools/index.html</u>

ONC Interoperability Roadmap Final Version 1.0: <u>https://www.healthit.gov/sites/default/files/hie-interoperability/nationwide-interoperability-roadmap-final-version-1.0.pdf</u>

FASI technical assistance is available free from the Lewin Group for interested state and local agencies and managed care plans, including:

- One-on-one assistance with planning, analysis, and using FASI performance measures to inform quality improvement activities
- FASI Early Adoption Work Group
- Contact <u>hcbsmeasures@lewin.com</u> for more information or to request TA

Thank You

