# The Outcome and Assessment Information Set (OASIS) Field Test: Methods, Design and Participants







**Provider Feedback Loop** 



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# Background

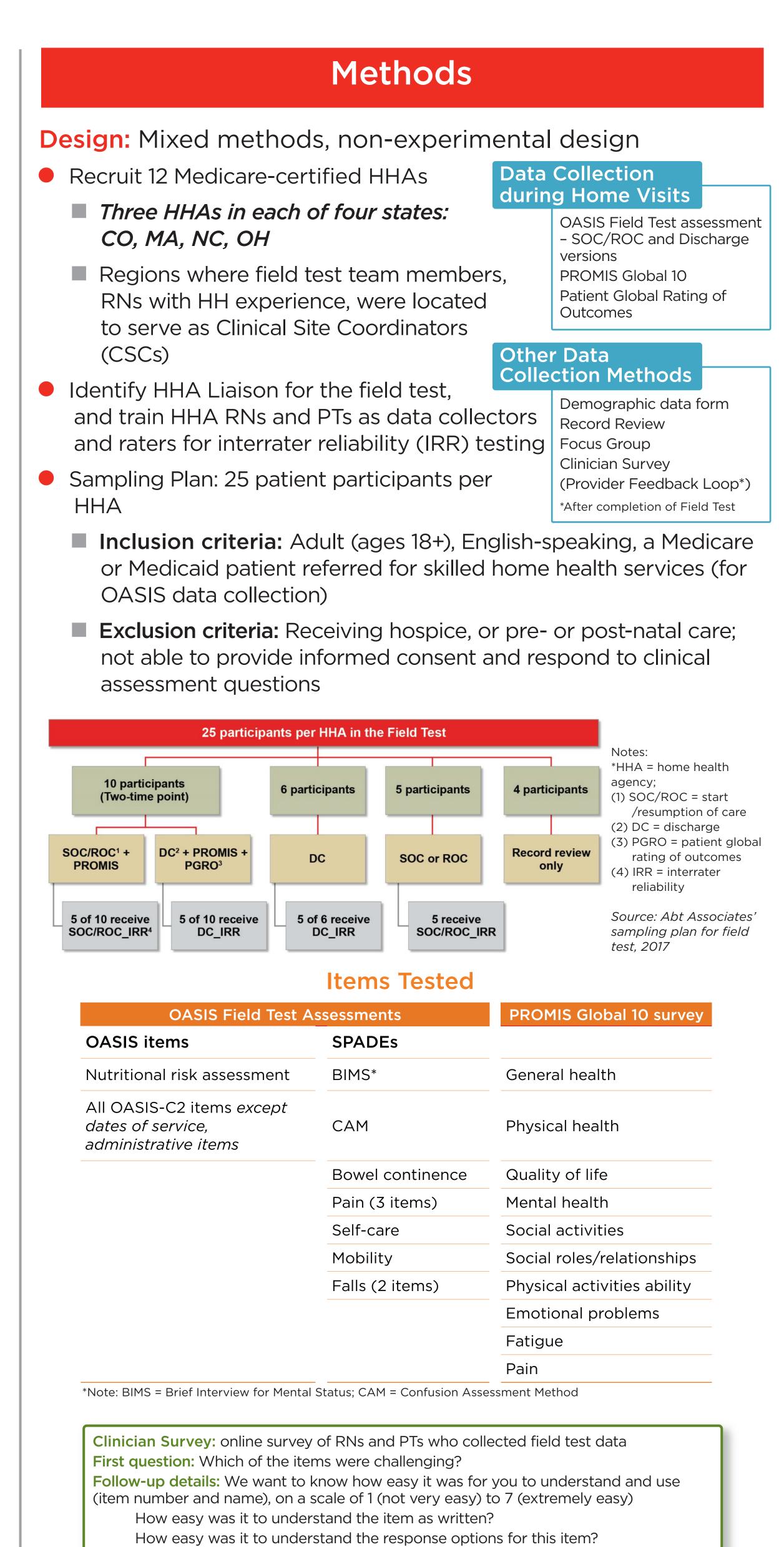
- The Centers for Medicare & Medicaid Services (CMS) is committed to ensuring high quality care for beneficiaries
- Section 1895(b)(3)(B)(v)(II) of the Social Security Act requires home health agencies (HHA) to submit data for quality
- The Improving Medicare Post-Acute Care Transformation (IMPACT) Act of 2014 mandates reporting of standardized patient assessment data elements (SPADEs) in several domains across post-acute care (PAC) settings, including home health (HH)
- Validity and utility of quality measures rest on the underlying source data
- Development and testing of data items is a critical task in the CMS Quality Reporting Programs (QRPs)

# OASIS Field Test Objectives

- Assess reliability, validity and feasibility of selected existing and potential new OASIS items, including SPADEs for pain, comprehension, cognition, delirium, continence, self-care, mobility and falls
- Explore feasibility of the Patient Reported Outcomes Measurement Information System® (PROMIS®) v1.1 10-item Global Health Survey among home health care recipients

### **Funding Acknowledgement**

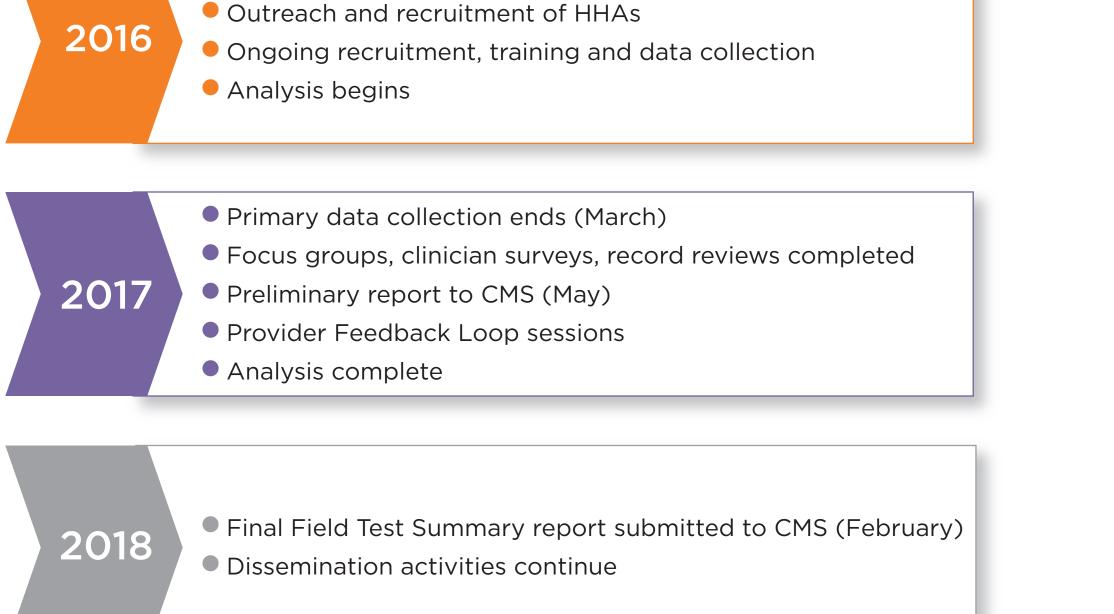
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How easy was it to use the draft guidance for this item?

How easy was it to collect the information to complete this item?

# Protocol submitted for IRB review - approved July



### **HHA Characteristics**

State	HHA* Size	Ownership	Service Area
CO*	Medium	National for-profit chain	Urban-suburban
СО	Small	Independent for-profit	Suburban-rural
СО	Large	Independent for-profit	Urban-suburban-rural
MA*	Large	Not-for-profit, hospital affiliated	Urban-suburban
MA	Small	Local independent	Urban-suburban
MA	Medium	National for-profit chain	Suburban-rural
NC*	Medium	Regional not-for-profit chain	Suburban-rural
NC	Medium	National for-profit chain	Suburban-rural
NC	Small	Public health department	Rural
OH*	Small	Local not-for-profit independent	Rural
ОН	Small	Hospital affiliated not-for-profit	Rural
ОН	Large	Independent not-for-profit	Urban-suburban-rural

Source: Abt Associates' summary of field test HHA characteristics, 2017.

DC IRR: 84

Patient Participants

Two-time point

(SOC/ROC + DC): 67

SOC/ROC only: 87

DC only: 59 (27.7%)

### **Summary of Data Collected** Other Data Collected SOC + DC: 56 SOC/ROC: 154 **Record Reviews: 103** Single time point SOC/ROC IRR: 106 PGRO Surveys: 77 Focus Groups: 12 (In-person, 90 minutes)

Clinician Surveys: 25 (n=70; 31% response rate)

# Demographic Characteristics of Field Test Participants and the 2017 HH Patient Population

	Field Test Participants (n=213)	Pop (n=6,158,295 episodes)
	%	%
Age groups	(n=202)	
0-64	24.3	17.5
65-74	20.8	26.9
75-84	22.8	29.9
85+	32.2	25.7
Gender	(n=202)	
Male	38.0	39.4
Female	62.0	60.6
Race/ethnicity (mark all that apply*)	(n=175)	
Black or African American	13.6	13.4
Hispanic or Latino	2.3	7.3
White	83.1	76.6
Current payment sources for home care (mark all that apply*)	(n=203)	
Modicaro (traditional foo for corvico)	66.2	66.2

Current payment sources for home care (mark all that apply*)	(n=203)	
Medicare (traditional fee for service)	66.2	66.2
Medicare (HMO*/Managed care/Advantage plan)	14.9	27.7
Medicaid (traditional fee for service)	11.4	4.
Medicaid (HMO/managed care)	2.0	4.7
Private insurance	3.5	2.
Private HMO/managed care	3.0	0.7

HH = home health; HMO = health maintenance organization; Mark all that apply items; Totals may sum to more than total sample size and more than 100%. Source: Abt Associates' analyses of field test and CMS 2016 OASIS data set demographic data.

articipants are sir

population (2017)

More in the 85+ years

Fewer with managed

private insurance

Fewer in fragile or

serious health

Medicare or managed

Medicaid, more with

condition; at risk for

pressure ulcers; or,

with self-reported

department use

hospital or emergency

age cohort

Results Overview

Overall Status at HH SOC/ROC (M1034)			
	Field Test Participants	2017 HH pop [a]	
	%	%	
Stable	21.33	5.67	
Temporary high health risk	54.00	52.74	
Fragile health	22.00	35.52	
Serious condition	2.67	5.94	
Unknown	0.00	0.13	

[a] The 2017 HH patient population at SOC/ROC, comprising 6,158,295 episodes Prior conditions among patients at HH

Notes: HH = home health, SOC = start of care, ROC = resumption of care; pop = population.

## SOC/ROC who had a medical or treatment change, or an inpatient stay, in the 14 days prior (M1018) Field Test 2017 IIII

	Field lest	2017 HH
	<b>Participants</b>	pop [a]
	%	%
Urinary incontinence	38.16	36.71
Intractable pain	22.37	15.60

Notes: HH = home health; SOC = start of care; ROC = resumption of care; pop = population; M1018 Prior conditions, is a "mark all that apply" OASIS item. Frequencies may be larger than the sample size, and the percent will sum to greater than 100. [a] 2017 HH population at SOC/ROC, comprising 6,158,295 total episodes.

### Clinician Surveys **Focus Groups** Clinical site coordinators

for RNs and PTs who especially for weight, and staff valued the new and difficult items.

M1028 Active Diagnoses

easy to understand and use

"what is 'active'"?

M2001 Drug regimen review – "what is a 'potential clinically significant medication

Section GG, GG0130 Self-care and GG0170 Mobility - new to home health, new response scale,

multiple activities to assess Most challenging item: M1060 Height and weight Multiple logistical, environmental barriers to accurate measurement of

Two or more

ted, past 6 mor

Two or more ED visits

# Process of care items easy

**Record Reviews** 

receive a multifactorial fall risk assessment? Validation: MAHC-10 (Missouri Alliance for Home Care) in record

available; less

information to validate

OASIS item responses

in testing and providing feedback on OASIS item Because they are most directly impacted by changes to OASIS items the clinician data collectors especially valued the opportunity to

facilitated in-person 1.5 hour

opportunity to participate

provide direct feedback

focus groups at each HHA

participate in testing and assessment records Less narrative in clinical Narrative notes less

### Participating HHA leaders invited to attend 2 webinars Example: Did patient test) to provide feedback

Main takeaways: Participants valued the in testing Comprehensive clinical

Highly recommended assessment records increased home health generally do not duplicate industry involvement in OASIS item information design and developmen of procedures for future Example: OASIS items testing, to improve assess dyspnea, pain interfering with activity or movement; this is not Noted challenges such as duplicated in clinical

- difficult to find bandwidth to undertake additional data collection in support of the study

Suggested considerations related to incentivizing participation

## Health Status, Symptoms and Utilization at Home Health Admission

Health Status Characteristics at SOC/ROC		Field Test Participants (%)		2017 HH pop (%) [a]
Taking 5 or more medications		91.56		91.67
History of falls	>	35.71		32.62
At risk for falls	<b>&gt;</b>	92.72	>	94.48
Impaired Vision	<b>&gt;</b>	22.08		28.45
Impaired hearing	>	34.42		36.85
Dyspnea	>	46.71		49.48
Urinary incontinence		55.56	<b>&gt;</b>	52.64
At risk for pressure ulcers	<b>&gt;</b>	31.37		50.27
Utilization at		Field Test Participants		2017 HH

14.29

Notes: HH = home health; SOC = start of care; ROC = resumption of care; pop = population;

[a] 2017 HH population at SOC/ROC, comprising 6,158,295 total episodes

# Conclusions

- HH patients in this sample had health status challenges that persisted, although they generally improved between admission and discharge (Discharge data not displayed on poster)
- Despite challenges, the opportunity to contribute to development and testing of the OASIS is highly valued by HH providers and clinicians

# Implications for **Policy and Practice**

- Findings will inform future CMS quality measure development activities
- CMS's Meaningful Measures Framework
- Increased HH provider participation in future testing may strengthen engagement and partnership with CMS to improve quality of care







