NQF Measure Selection Tool (MSeT)

Project Team

- Wunmi Isijola, MPH, Senior Managing Director
- Kate McQueston, MPH, Senior Project Manager
- Jean-Luc Tilly, Senior Manager, Data Analytics
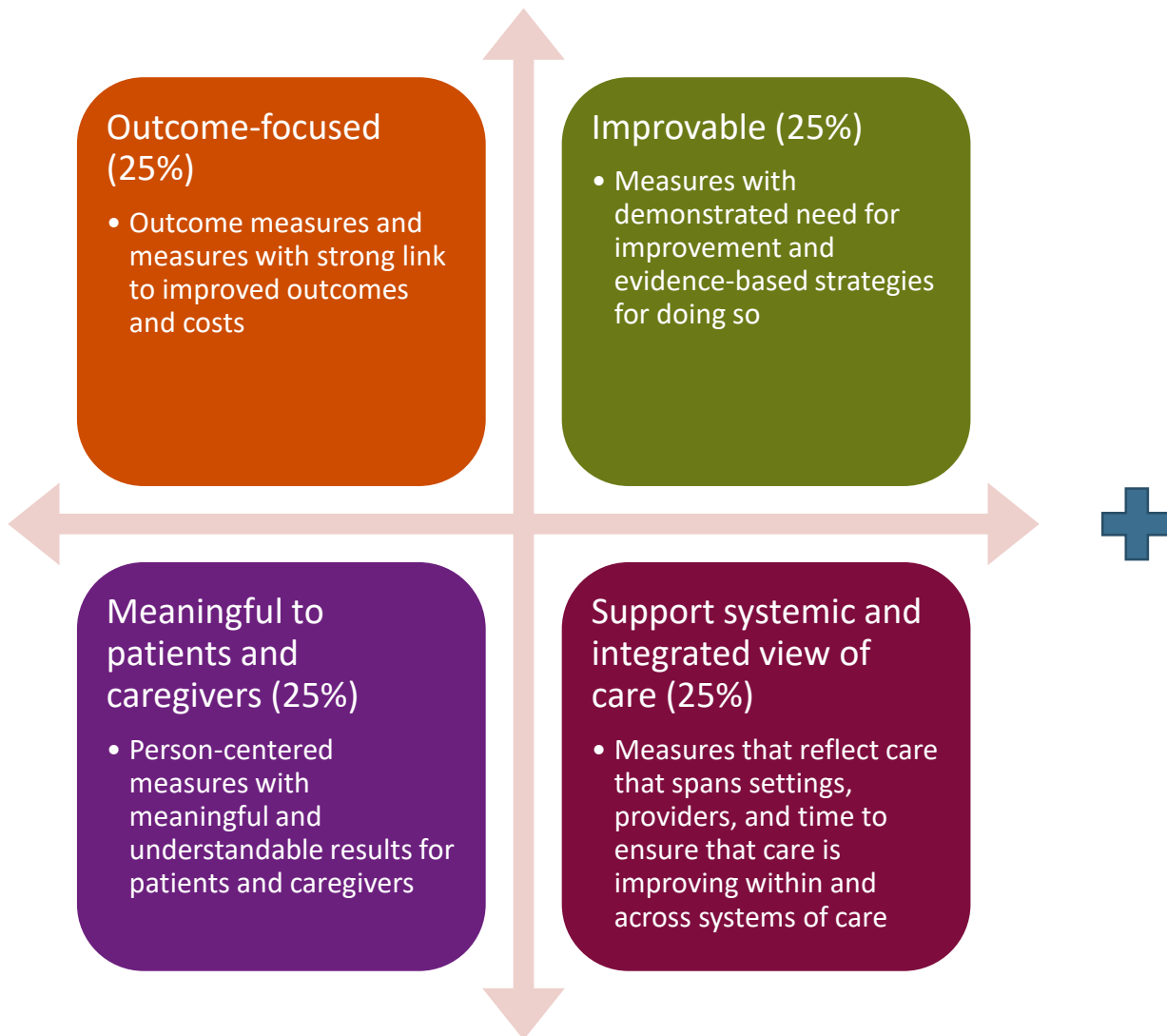- Madison Jung, Project Manager

Background

Overview

- Phase 1 (2017-2018): Measure Prioritization
  - *Identified priority measurement areas*
  - *Feedback on Prioritization Criteria*
  - *Applied scoring methodology to NQF portfolio*

- Phase 2 (2019-2020): Measure Selection
  - *Re-focused on Measure Selection*
  - *Streamlined and expanded Selection Criteria*
  - *Product Design and User Testing*

NQF Measure Prioritization Criteria

Prioritization Phase 1

Future Phases

Outcome-focused (25%)

- Outcome measures and measures with strong link to improved outcomes and costs

Improvable (25%)

- Measures with demonstrated need for improvement and evidence-based strategies for doing so

Meaningful to patients and caregivers (25%)

- Person-centered measures with meaningful and understandable results for patients and caregivers

Support systemic and integrated view of care (25%)

- Measures that reflect care that spans settings, providers, and time to ensure that care is improving within and across systems of care

Equity Focused

- Measures that are disparities sensitive

Impact

- Measures that have large-scale societal effect on healthcare outcomes and/or costs

Implementation Burden

Measures with less implementation cost, either financial, or in clinician time

Phase 1: Application of Prioritization Criteria

Measure Number	Measure Title	Outcome Focused	Improvable	Patient and Caregiver Focused	Integrated View of Care	Total Score (0-10)
711	Depression Remission at Six Months	2.5	2.5	2.5	1.25	8.75
1885	Depression Response at Twelve Months- Progress Towa	2.5	2.5	2.5	1.25	8.75
710	Depression Remission at Twelve Months	2.5	2.5	2.5	1.25	8.75
1884	Depression Response at Six Months- Progress Towards I	2.5	1.25	2.5	1.25	7.5
2602	Controlling High Blood Pressure for People with Serious	2.5	2.5	1.25	1.25	7.5
2607	Diabetes Care for People with Serious Mental Illness: H	2.5	2.5	1.25	1.25	7.5
2608	Diabetes Care for People with Serious Mental Illness: H	2.5	2.5	1.25	1.25	7.5
2606	Diabetes Care for People with Serious Mental Illness: Bl	2.5	2.5	1.25	1.25	7.5
712	Depression Utilization of the PHQ-9 Tool	0	2.5	2.5	1.25	6.25
2634	Inpatient Rehabilitation Facility (IRF) Functional Outcon	2.5	1.25	1.25	1.25	6.25
2860	Thirty-day all-cause unplanned readmission following p	2.5	1.25	1.25	0.625	5.625
2888	Risk-Standardized Acute Admission Rates for Patients w	2.5	1.25	1.25	0.625	5.625
2599	Alcohol Screening and Follow-up for People with Seriou	0	2.5	1.25	1.25	5
3132	Preventive Care and Screening: Screening for Depressic	0	2.5	1.25	1.25	5
3148	Preventive Care and Screening: Screening for Clinical De	0	2.5	1.25	1.25	5
2601	Body Mass Index Screening and Follow-Up for People w	0	2.5	1.25	1.25	5
1934	Diabetes Monitoring for People With Diabetes and Schi	0	1.875	1.25	0.625	3.75
2603	Diabetes Care for People with Serious Mental Illness: H	0	2.5	0	0.625	3.125
2609	Diabetes Care for People with Serious Mental Illness: Ey	0	2.5	0	0.625	3.125
2604	Diabetes Care for People with Serious Mental Illness: M	0	2.5	0	0.625	3.125
105	Antidepressant Medication Management (AMM)	0	1.25	1.25	0	2.5
2806	Pediatric Psychosis: Screening for Drugs of Abuse in the	0	1.25	0	0.625	1.875

Feedback on Prioritization Phase 1

- **Standing Committee Feedback (142 responses)**
  - *Percent of respondents who agree with the scoring results*
    - » 61% of respondents agree or strongly agree
    - » 19% are neutral
    - » 20% disagree or strongly disagree
  - *Refine outcome-focused and meaningful to patient and caregivers*
- **CSAC Feedback**
  - *Account for impact*
  - *Clarify intended audience*
  - *Provide more guidance on how to distinguish between topically-similar measures that receive similar scores (i.e.. Depression remission at 6 months vs 12 months)*
  - *Account for ease of implementation*
  - *Refine meaningful to patient and caregivers*

Summary of Phase 1

- **Outcome:**
  - *Strong support to develop guidance for prioritizing NQF's measures*
  - *Strong pushback on the use of the scoring and the methodology.*

- **Conclusion:**
  - *No consensus on the scoring methodology*
  - *Resource constraints prohibit fully addressing stakeholder concerns in the near term*

Phase 2 – Measure Selection Tool (MSeT)

NQF Preferred Measure Selection Tool (MSeT)

Problem:
Overwhelming number of possible measures to select

- *NQF has 500+ endorsed measures – of these measures, how can I decide which ones I should be using?*

Goal: Narrow the universe of appropriate measure selections, based on individual user preferences and needs

Measure Selection Attributes:
"Meets" or "Does Not Meet"

Attribute	Question
Outcome-focused	Does the measure reflect a change in clinical status?
High Opportunity for Improvement	Does the measure have a significant variation in performance?
Patient- and caregiver-focused	Is the measure result meaningful to patients and their caregivers?
Support Integrated View of Care	Does the measure reflect a collaborative and coordinated health system?
Impact/Prevalence*	Does the measure address one or more pervasive and harmful conditions?
Data Collection Burden*	Does the measure have minimum impact on clinical workflow and limited upfront investment?
Health Equity**	Does the measure address ongoing healthcare disparities?

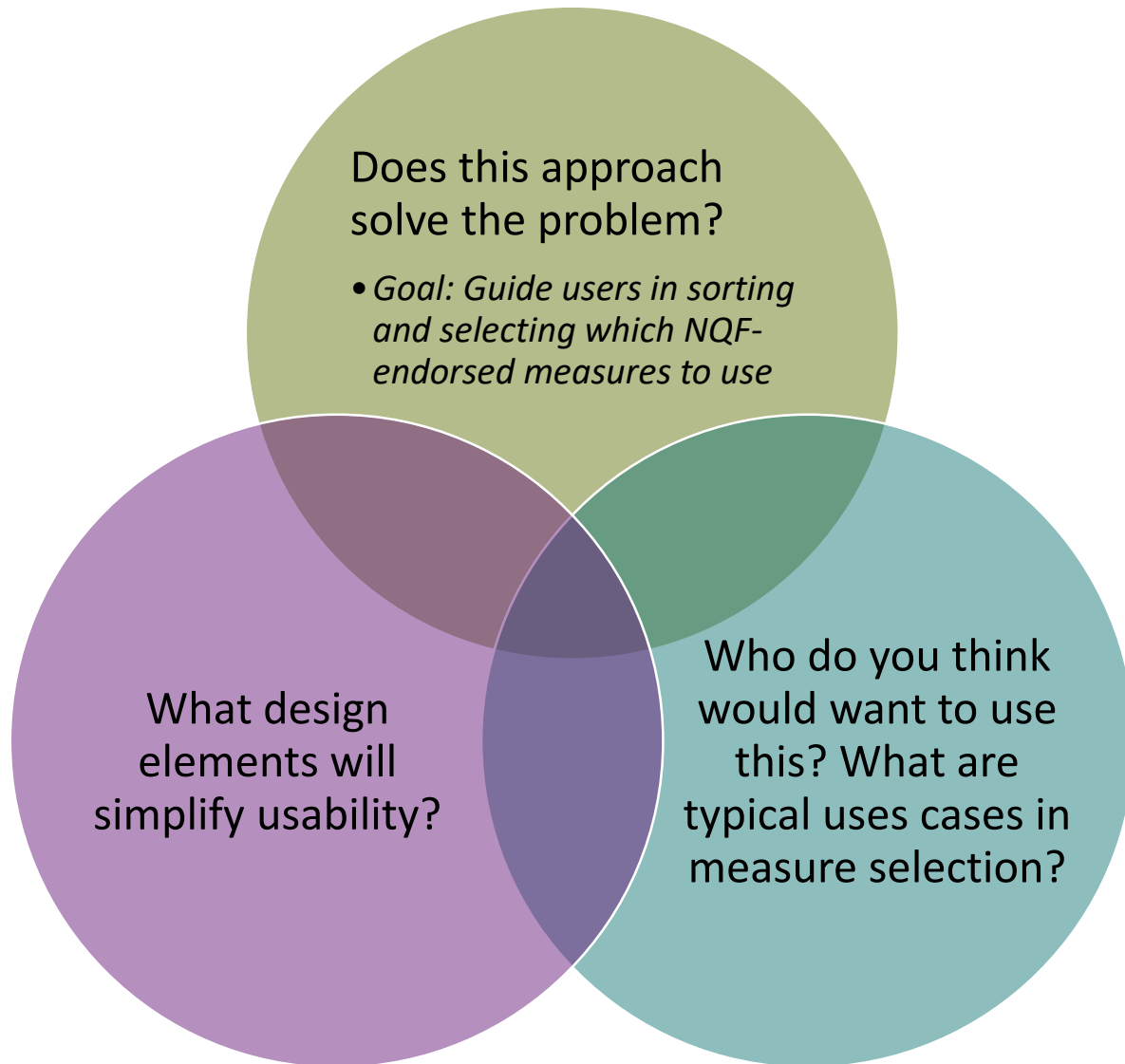* New in MSeT   ** Pause implementation

Implementation Approach

Develop binary "meets/does not meet" ruleset for each attribute

Assign attributes to NQF-endorsed measures

Make these tags available to external users

Overall Considerations

Does this approach solve the problem?

- *Goal: Guide users in sorting and selecting which NQF-endorsed measures to use*

What design elements will simplify usability?

Who do you think would want to use this? What are typical uses cases in measure selection?

Next Steps

- Develop "Use Cases" of likely user stories
- Finalize rules for attribute assignments
  - *Test on select topic area portfolios*
  - *Assign attributes to all NQF-endorsed measures*
- Design tool and test with focus groups
- Deploy in Spring 2020, possibly in conjunction with other NQF measure database updates

Discussion

- What are some examples of use cases for a measure selection tool? Who are these users affiliated with, and what are their priorities?

- What other information could help a user choose between measures? How might that information be displayed (one-to-one comparison of specifications? Highlights of key distinguishing features?)