

# Healthcare Measurement and ACPDs: *Creating an APCD Measure Inventory and Lessons for the Future of APCD Measure Development*

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CENTER FOR HEALTH POLICY  
STANFORD INSTITUTE FOR  
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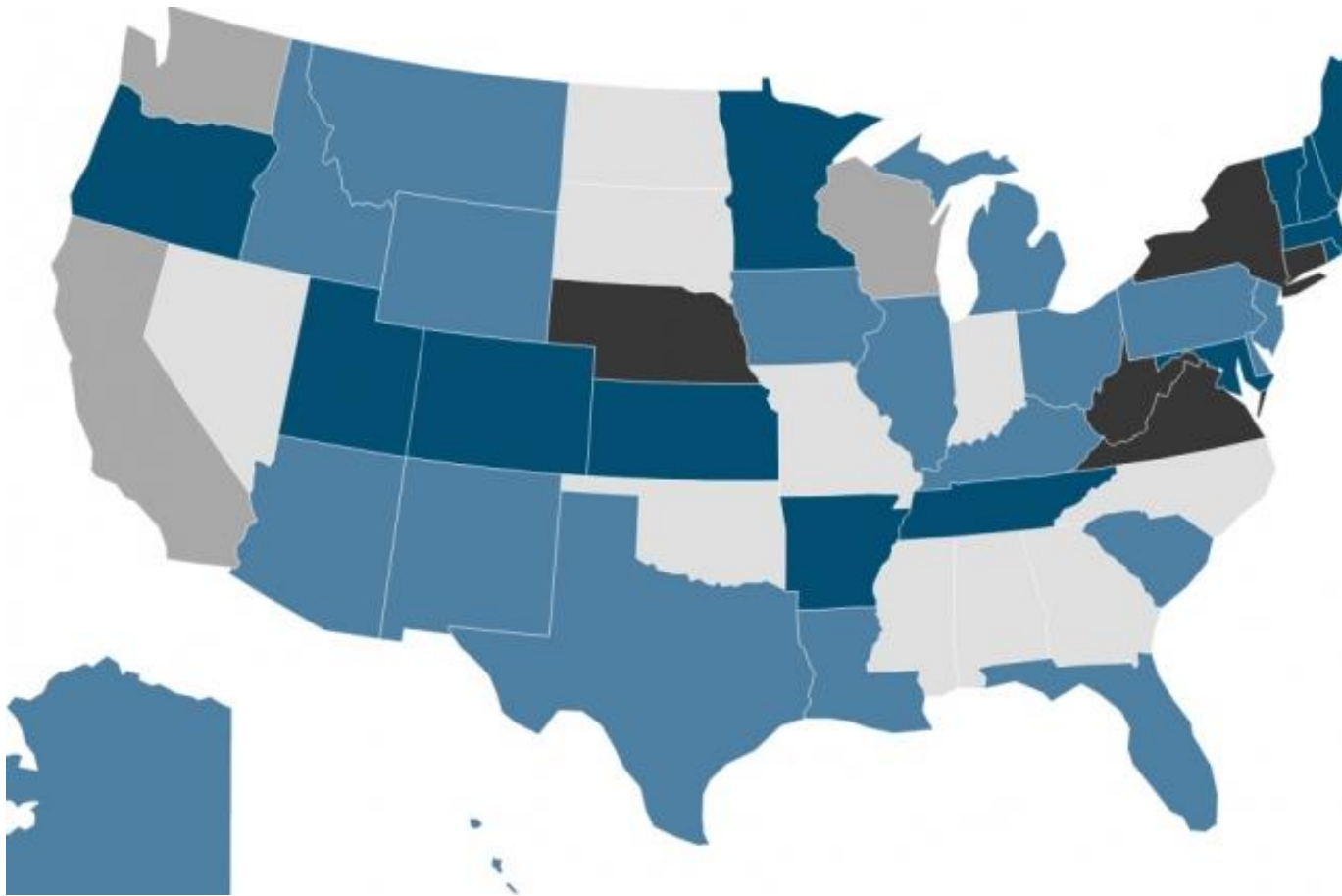
University of California  
San Francisco



# Agenda

- Introductions and Context
- Measure Inventory
  - Construction of measure inventory
  - Deep Dive
  - Lessons Learned
- Discussion with Expert Panel
- Questions

# Context for APCD Measurement Project



APCD Council <http://www.apcdouncil.org/state/map>

# Measure Inventory Overview

- Overall goal of measure inventory: provide useful and useable inventory of measures that can be derived from APCDs
- Overall inventory:
  - 384 measures
- More extensive “deep dive” on high priority topics of diabetes, mental health, and medication usage:
  - 19 measures

# Use Cases

- Different audiences
  - Policymakers
  - Consumers
  - Payers
  - Providers
- Relevant measures may vary by use case
  - Use case may be condition-specific
  - May want different types of measures (quality, utilization, cost (out of pocket costs vs. reimbursements vs. charges))

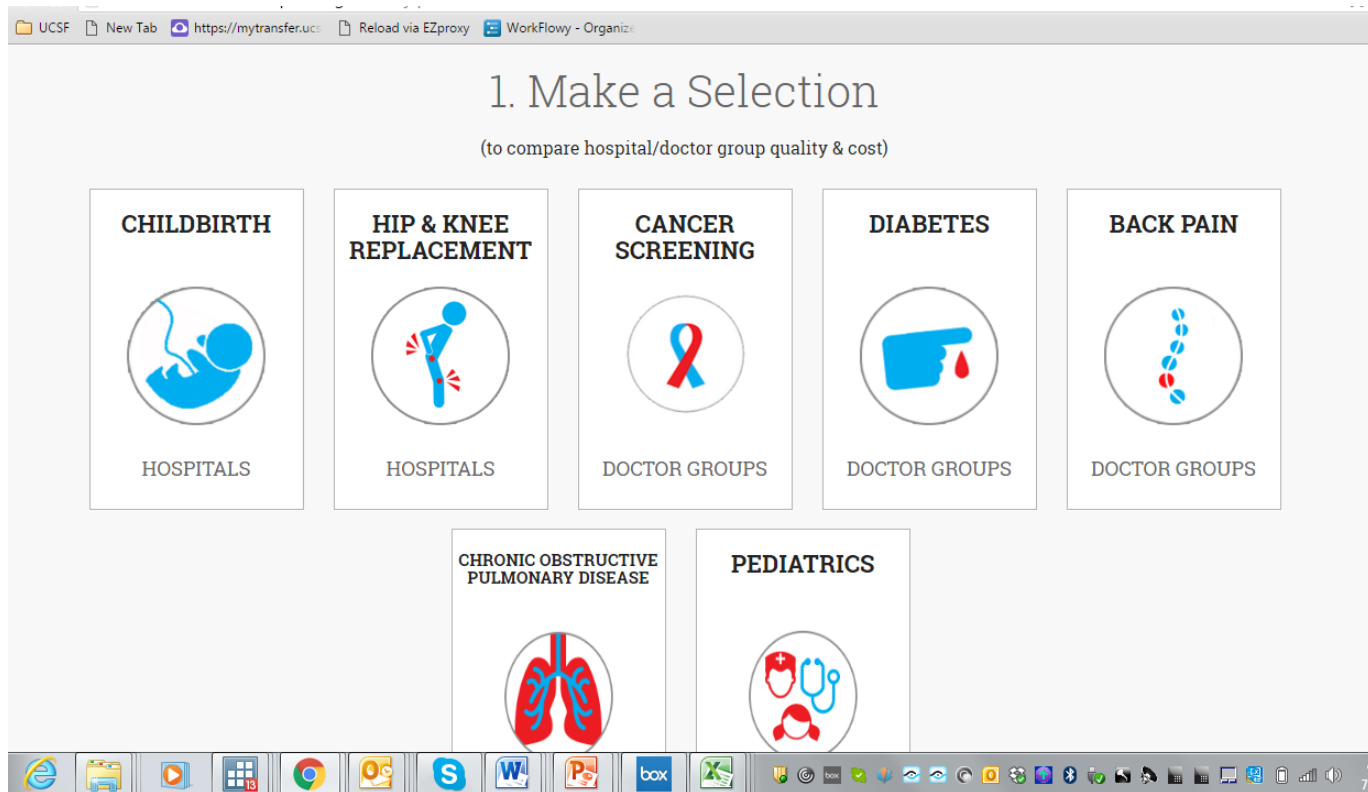
# Use Cases

- Population health and policy: assess population health care delivery and outcomes
  - Example measure types: total cost of care for state residents, medication use, disease-specific outcomes, quality variations



# Use Cases

- Choice: consumer or purchaser decisions
  - Examples: price and quality measures for consumer transparency



<http://www.cahealthcompare.org/search.jsp>

# Use Cases

- Negotiation: measures used by payers for hospitals or medical group negotiation

**Anthem**  
BlueCross BlueShield

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## Centers for Excellence

**Anthem Blue Cross and Blue Shield Centers of Excellence**

Anthem Blue Cross and Blue Shield, in partnership with the Blue Cross and Blue Shield Association, has developed Blue Distinction Centers for treatment of serious medical conditions.

Anthem has prepared information to help members facing tough decisions on how to find a qualified hospital specializing in their medical issue. These Blue Distinction Centers include hospitals which have historically demonstrated quality clinical care and processes in special medical services. These designations help the member make more informed decisions when choosing a hospital for care for one of the following conditions, including Cardiac Care, Bariatric Surgery, and Transplants.

Please see additional consumer information through the links below to help make a more informed choice about treatment of the following medical issues.

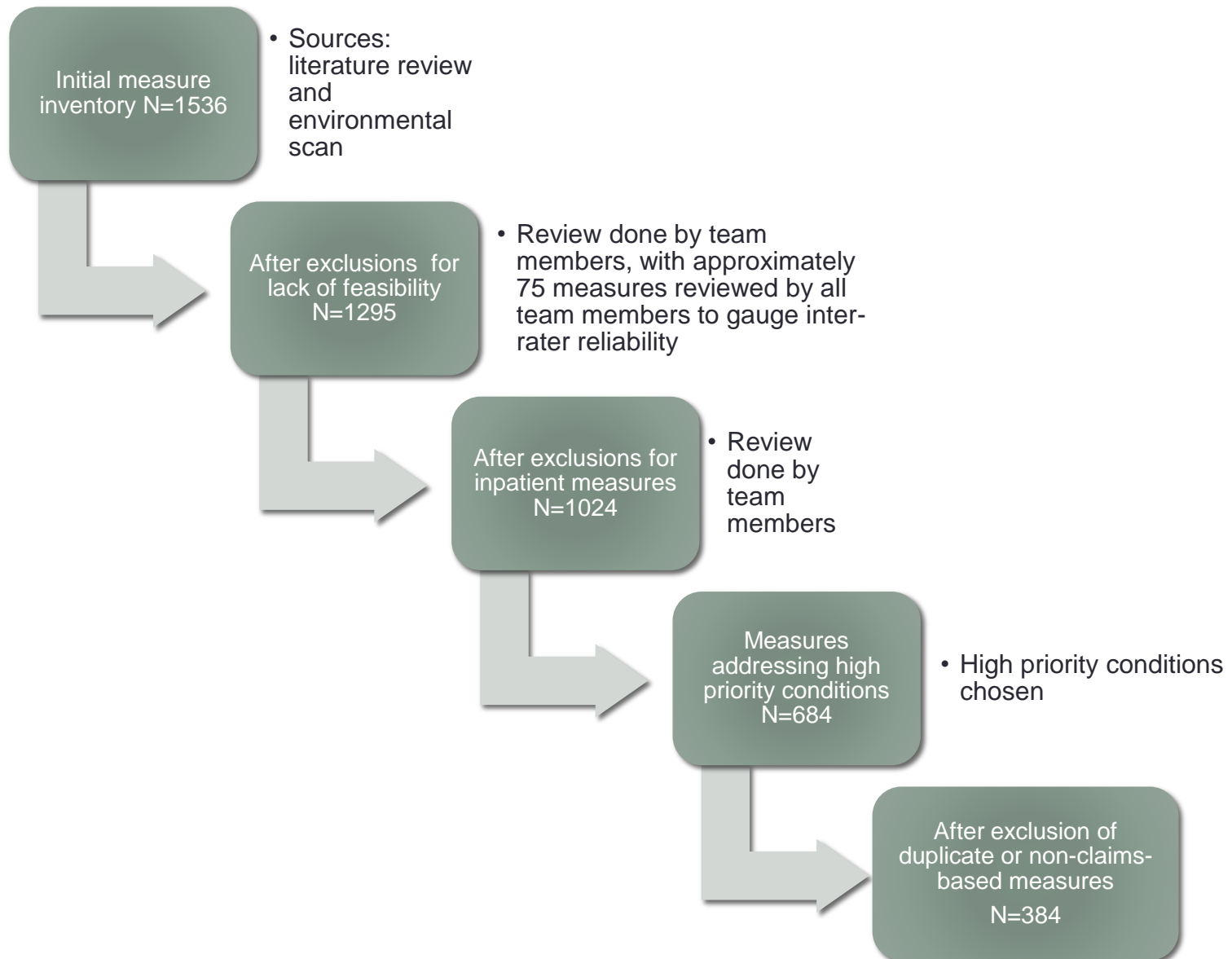
[Cardiac Care](#)

[Bariatric Surgery](#) (Not Available for UA Net Members)

[Transplants](#)



# Measure Inventory Selection Process



# Measure Prioritization Criteria

- Two types of measures in the inventory: cross-cutting (non-condition-specific) and condition-specific
- Focus on ambulatory or cross-setting measures (inpatient and outpatient episodes)

## Measure Prioritization Criteria According to Audience

<b>Policymakers</b>	<b>Payers</b>	<b>Providers</b>	<b>Consumers</b>
Common	Common	Common	Common
Costly	Costly	Costly	Shoppable
High morbidity and mortality	High morbidity	High morbidity	High morbidity and mortality

# Deep Dive

- Step 1: ID high priority condition of interest
- Step 2: ID use case
- Step 3: Look for measure suites that are relevant to use case
- Step 4: Evaluate measures specs for appropriateness to use case



# Deep Dive

- BRIEF MEASURE INVENTORY WALK-THROUGH TO FIND A MEASURE SUITE

# Criteria to Consider in Measure Selection

- Important—high burden condition
- Focus on cost, quality, or utilization
- Availability of measure definitions & specifications
- NQF endorsement
- Use in federal programs



# Criteria to Consider in Measure Selection

- Scientific acceptability
  - Tested at the level of measurement of interest (health plan, hospital, medical group)
  - Validity—demonstrated relationship with an outcome, or has high face validity
- For Consumer measures: a shoppable condition (predictable, non-urgent, subject to deductibles)

# Lessons Learned from Deep Dive

- Measure specifications are key to determining measure relevance and feasibility
- Choosing a measure suite is iterative process
- Sometimes organizations modify measures to fit specific use cases
  - e.g., stratification by age, gender, region
  - However, modified measures may not have been tested for validity and reliability

# Lessons Learned Overall

- Large number of measures exist that can be used with APCDs and are being used in different contexts.
- Only a few measures have been rigorously tested and not in every context
- Measure suites can be put together to address the Triple Aim, but currently limited in number
- APCDs may not yet be able to meet the needs of all use cases – e.g, consumer use case



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\*Now at American Institutes for Research