

# Kindergarten Readiness: Achieving Collective Impact



METRICS & SCORING COMMITTEE  
PRESENTATION  
APRIL 18, 2014

PRESENTED ON BEHALF OF THE  
JOINT ELC/OHPB SUBCOMMITTEE

# Today



- Evidence for Early
- Collective Impact
- Oregon's Kindergarten Assessment
- Kindergarten Readiness as CCO Measure
- Discussion

# Evidence for Early



- Critical aspects of brain architecture are established before and soon after birth
- Experiences during sensitive periods of development are exceptionally important in shaping capacities of the brain and other vital organs
- Early experiences drive health and education outcomes



# Early Matters



Genetics + Environment + Experience = Life Trajectory



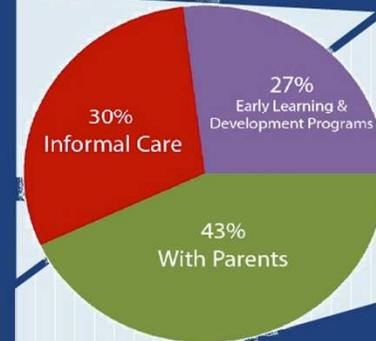
# In Oregon



- 45,000 children born each year
- 315,000 ages 0-6
- 40% at risk (n= $\sim$ 120,000)
- \$380+ million per year focused on prevention
- \$1.7 billion per biennia on young children/families
- Opportunity for better return on investment



# Health Touchpoints in Early Learning



# Achieving Shared Goals

## Early Learning System

## Health System

Healthy Children = Ready Children

**1 Kindergarten readiness**

**1 Better health**

**2 Stable/attached families**

**2 Better care**

**3 Coordinated systems**

**3 Lower costs**

# Collective Impact



- The commitment of a group of important actors from different sectors to a common agenda for solving a specific social problem
- ***Our transformational goals cannot be achieved alone!***
  - Triple Aim, Kindergarten Readiness
- Necessary for Collective Success:
  - Common Agenda
  - Shared Measurement Systems
  - Mutually Reinforcing Activities
    - ✦ Incentives for collective action...

# Kindergarten Readiness as a Shared Measure Across Health and Early Learning



- A true **primary** prevention strategy
- Catalyst for our collective impact strategies
- Move from measuring process → outcome
- Transformational



# Oregon's Kindergarten Assessment



- Early Literacy (direct assessment)
  - Letter names
  - Letter sounds
- Early Math (direct assessment)
  - Numbers and operations
- Approaches to Learning (observational assessment)
  - Child Behavior Rating Scale

# What the Data Show



- 1/3 of entering kindergartners could name 5 or fewer letters
  - 1 in 7 children couldn't name **any** letters
- Over 1/3 couldn't identify a single letter sound
- One quarter of all entering kindergartners did not regularly demonstrate skills like completing tasks and following directions

# Using the Data: A Look Back and a Look Forward



## State Level

Data help  
measure  
progress over  
time

Data help  
target  
resources

## Hubs and CCOs

Data help measure  
progress over time

Data help target  
local supports,  
strategies and  
interventions

## Community

**Schools:**  
Data inform  
classroom  
instruction

**Health/Early  
Learning:**  
Data inform  
program and  
practice

# Collective Impact Strategies



- Shared developmental screening efforts
  - Connecting to appropriate services; coordination of care
- Implement screening in prenatal settings
  - Mental/behavioral/social health screening tools, connection to resources
- Expand evidence-based early literacy programs in primary care settings
  - Reach Out and Read
- Support a coordinated system of home visiting
  - Innovative use of TCM dollars in CCO global budget
- Care coordination
  - CCO/Medical Home/Early Learning Hubs
- Innovations: developmental origins of health and disease (DOHaD)
  - Role of nutrition and stress in preconception/prenatal period

# Phased Approach: Measuring Kindergarten Readiness

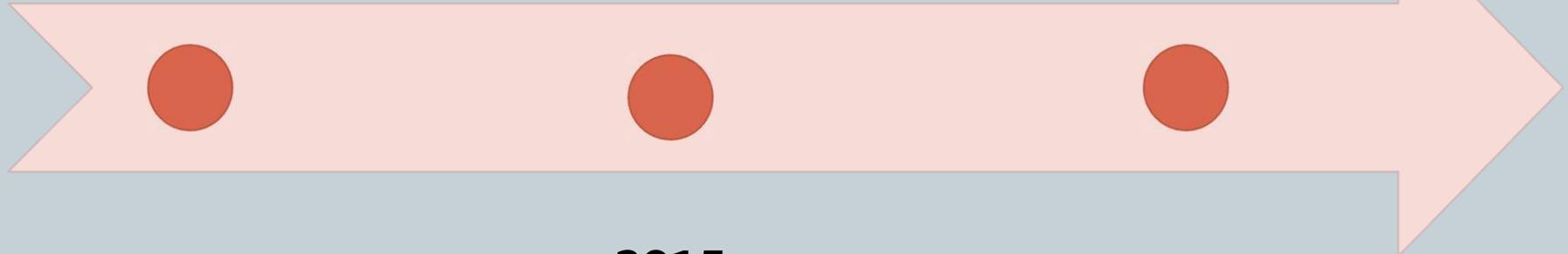


**2014**

Report State and  
CCO Baseline

**2016**

Measurement Year for  
CCO Incentive  
Measure



**2015**

- Adopt KR as CCO Incentive Measure for 2016
- Establish benchmark targets from 2014 baseline

# Investment in Early Childhood



The evidence is quite clear: early health and early childhood development from birth to age 5 is a form of preventive health and economic investment that drives achievement and economic returns.

Gabriella Conti and James J. Heckman, *Investing in What Works for America's Communities*

# Questions



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