

Research-to-Policy Translation Models

diversitydatakids.org | Child Care Research Partnerships

Pamela Joshi



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diversitydatakids.org

data for a diverse and equitable future

Explore hundreds of measures of child wellbeing and policy analysis from a unique information source that documents diversity, opportunity, and equity among US children. [About Us](#) | [Mailing List](#)



Home

Profiles

Rankings

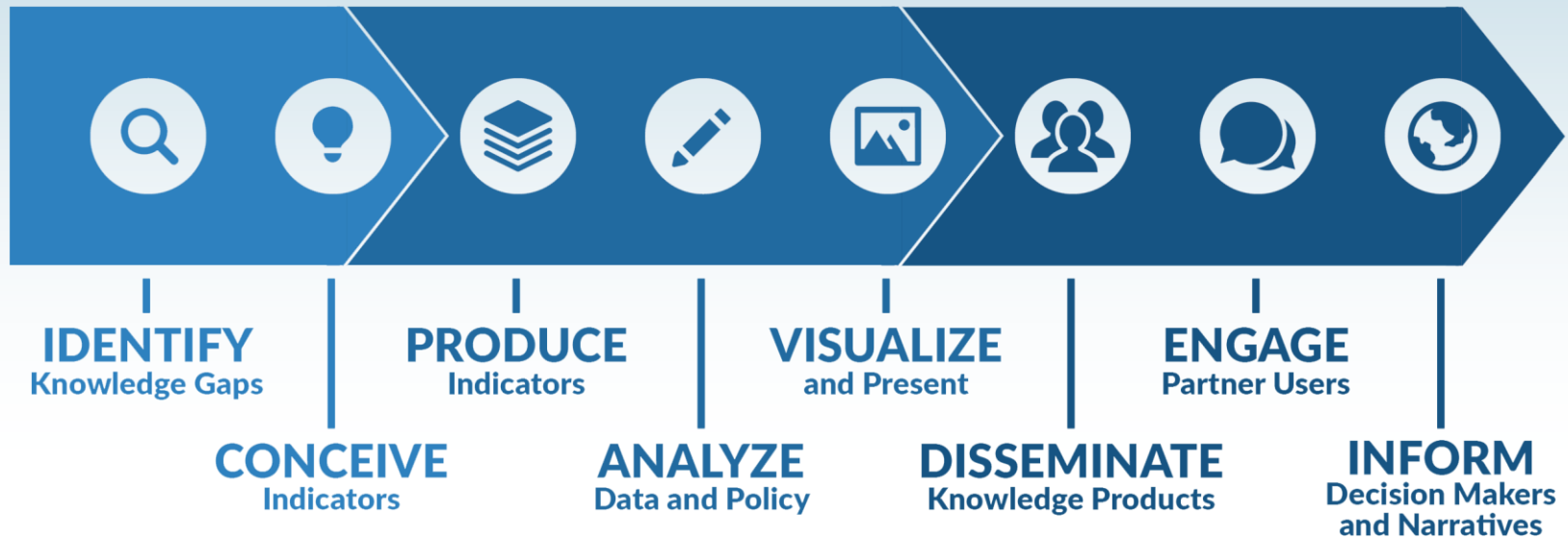
Maps

Child Opportunity Maps

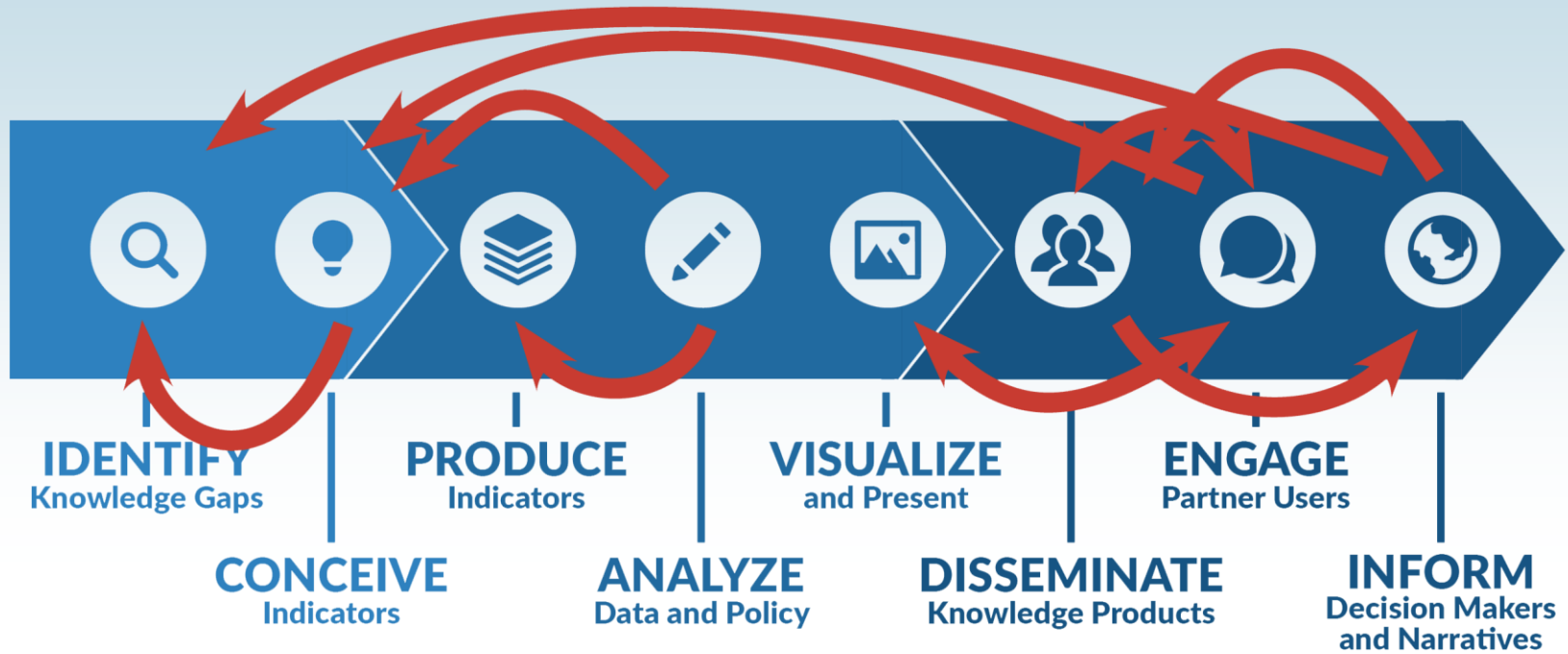
Policy

Library

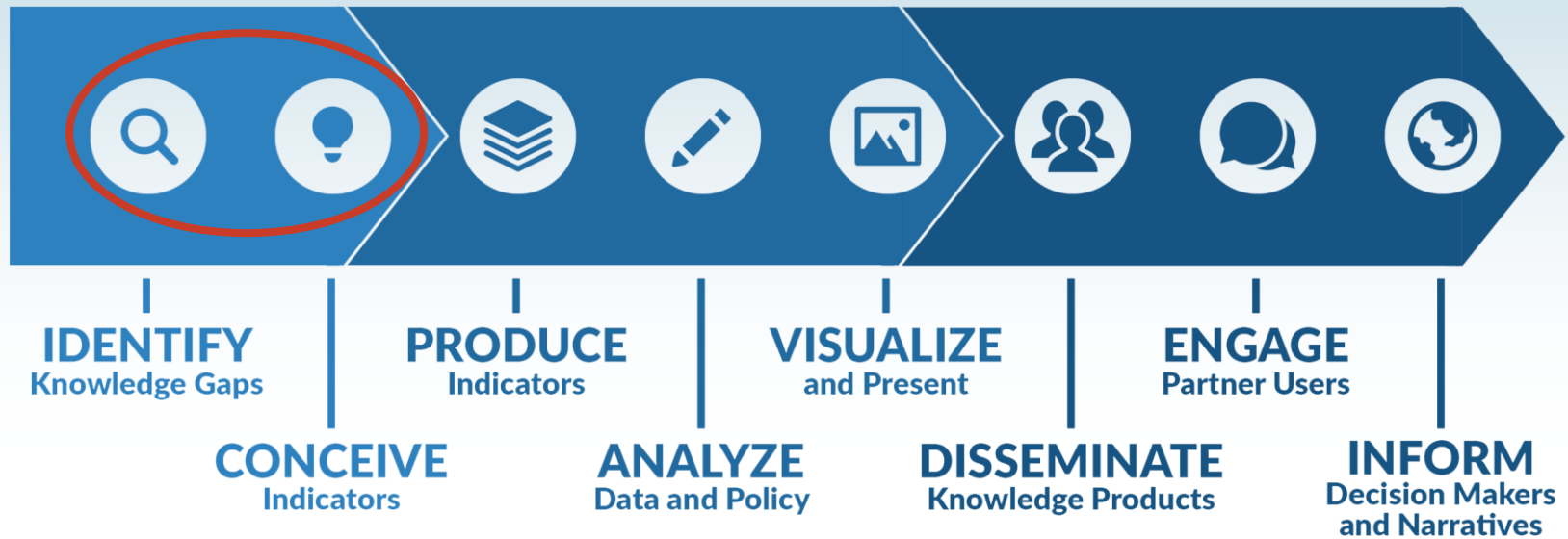
With funding from the W.K. Kellogg Foundation and
the Robert Wood Johnson Foundation



Data-for-Policy Pipeline



Iterative Process



Data-for-Policy Pipeline

IDENTIFY Knowledge Gaps



CONCEIVE Indicators



◀ The Heller School FOR SOCIAL POLICY AND MANAGEMENT

BRANDEIS UNIVERSITY

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Create a custom rankings report to sort and compare data by race and ethnicity across locations.

First, select a location type

• States • Counties • Metro Areas • Large Cities • Large School Districts

Next, select an indicator from these categories

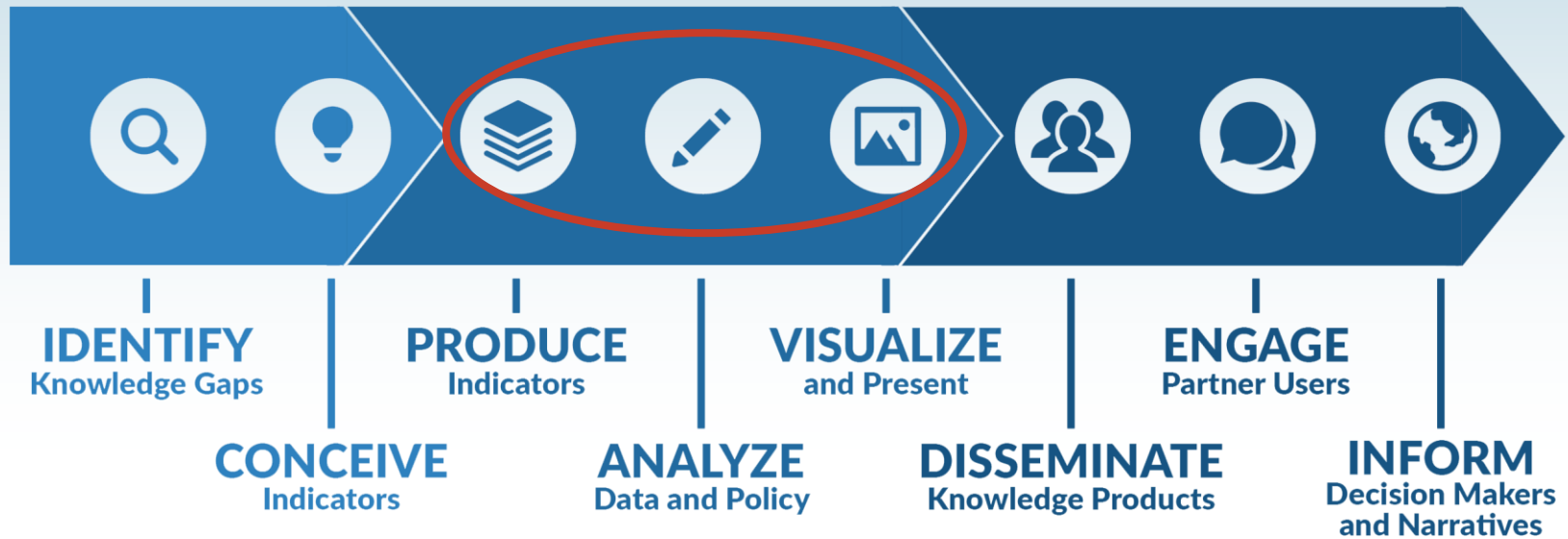
> Population Demographics and Diversity

✓ Early Childhood Care and Education

Head Start

Neighborhood Availability of Head Start

- Head Start-Eligible Children with a Head Start Center in Their Immediate Neighborhood (Share)
 - by Race/Ethnicity
 - by Parental Nativity
- Number of Head Start-Eligible Children Per Center in Head Start-Eligible Children's Immediate Neighborhoods
 - By Race/Ethnicity
 - By Parental Nativity



Data-for-Policy Pipeline

PRODUCE Indicators



ANALYZE Data and Policy



VISUALIZE and Present



```

42 # read data from rows into list
43 displays = []
44 for row in csv_indicators:
45     displays.append(row[3])
46     print(row[3])
47 displays.pop(0) # drop the header row of var names
48 print(displays)
49
50
51 # get number of rows to make in image
52 x = len(displays)
53 a = 1
54 print("start-end", a, x)
55
56
57 # define block row start position
58 start = [0, 120, 60, 180]
59
60 |
61 # process the template image
62 while a <= x: # which rows are processing...starts at 1
63     b = 0 # number of times the cell has been copied...starts at 0
64
65     while b < int(displays[a-1]): # while num of box copies is less than current data row
66         coord = translate(b, start) # get the coordinates of the current cell in the row
67         template.paste(block, coord) # put the cell into the template
68         b += 1 # increment box number so that next iteration can place box at correct loc
69
70     starthold = start # copy current start values into memory
71     start[0] = starthold[0] # move start values down into position for next row
72     start[1] = starthold[1]+80
73     start[2] = starthold[2]
74     start[3] = starthold[3]+80
75
76     a += 1 # increment row number
77
78
79 # save the result

```

PRODUCE Indicators



ANALYZE Data and Policy

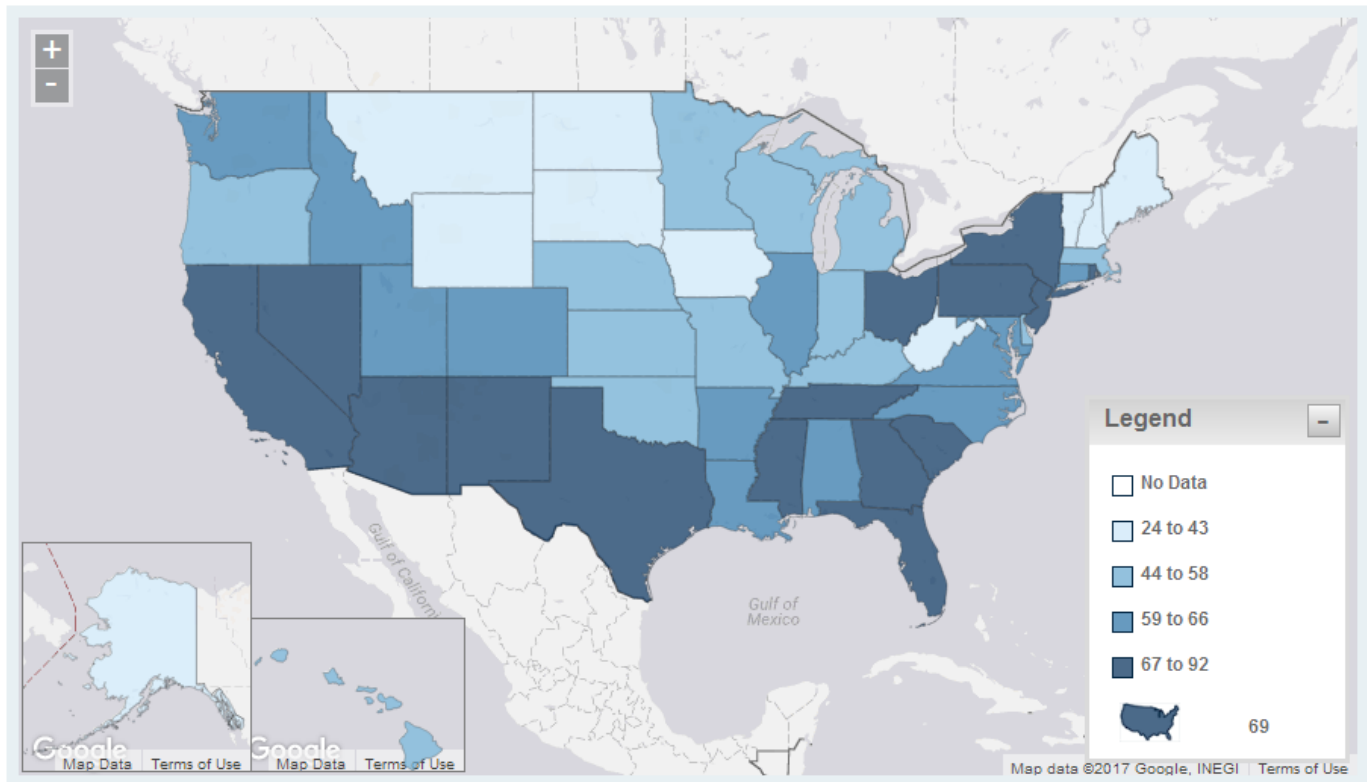


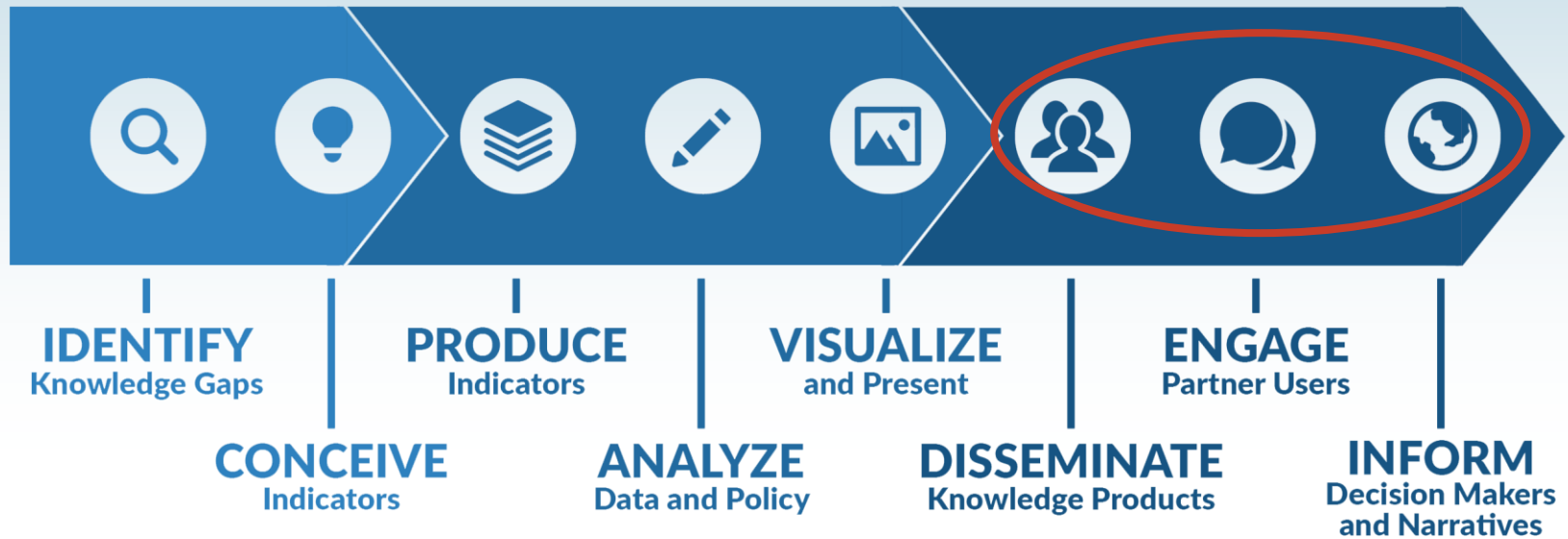
VISUALIZE and Present



Number of Head Start-Eligible Children Per Center in Head Start-Eligible Children's Immediate Neighborhoods

Location Type: **States**; Year: **2008-2012**





Data-for-Policy Pipeline

DISSEMINATE
Knowledge Products



ENGAGE
Partner Users



INFORM
Decision Makers
and Narratives



**Journal of Applied Research on Children: Informing Policy for
Children at Risk**

Volume 7

Issue 1 *50 Years After the War on Poverty: Historic
Victories and New Challenges*

Article 11

2016

**Head Start since the War on Poverty: Taking on
New Challenges to Address Persistent School
Readiness Gaps**

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**Place and Race Matter: Head Start and
CCDBG Access by Race, Ethnicity, and
Location**

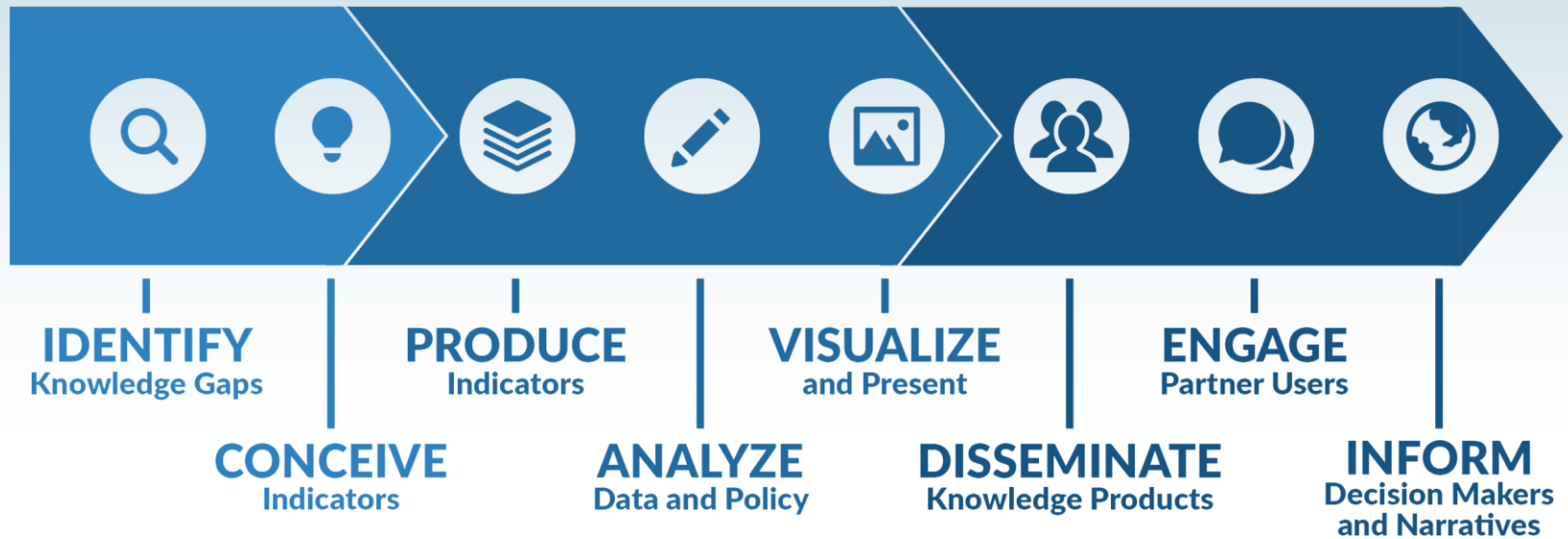


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Webinar January 24, 2017

Justice from the Start

Exploring racial disparities in access to services for babies and toddlers



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MA Child Care Research Partnership:

**Generating Research and Evaluation
Infrastructure and Evidence to Inform Child
Care Subsidy Policy and Practices**

Funded by:

HHS/ACF/OPRE Child Care Research Partnership Grant &
CCDBG Implementation Research and Evaluation Grant



**MASSACHUSETTS
Department of
Early Education and Care**

Institute for Child, Youth and Family Policy

BRANDEIS UNIVERSITY

The Heller School FOR SOCIAL POLICY AND MANAGEMENT



Boston University School of Social Work

University-state agency active collaboration model

State Agency Team

CCDBG
operational
expertise

State-political and
contextual
knowledge

University Research Team

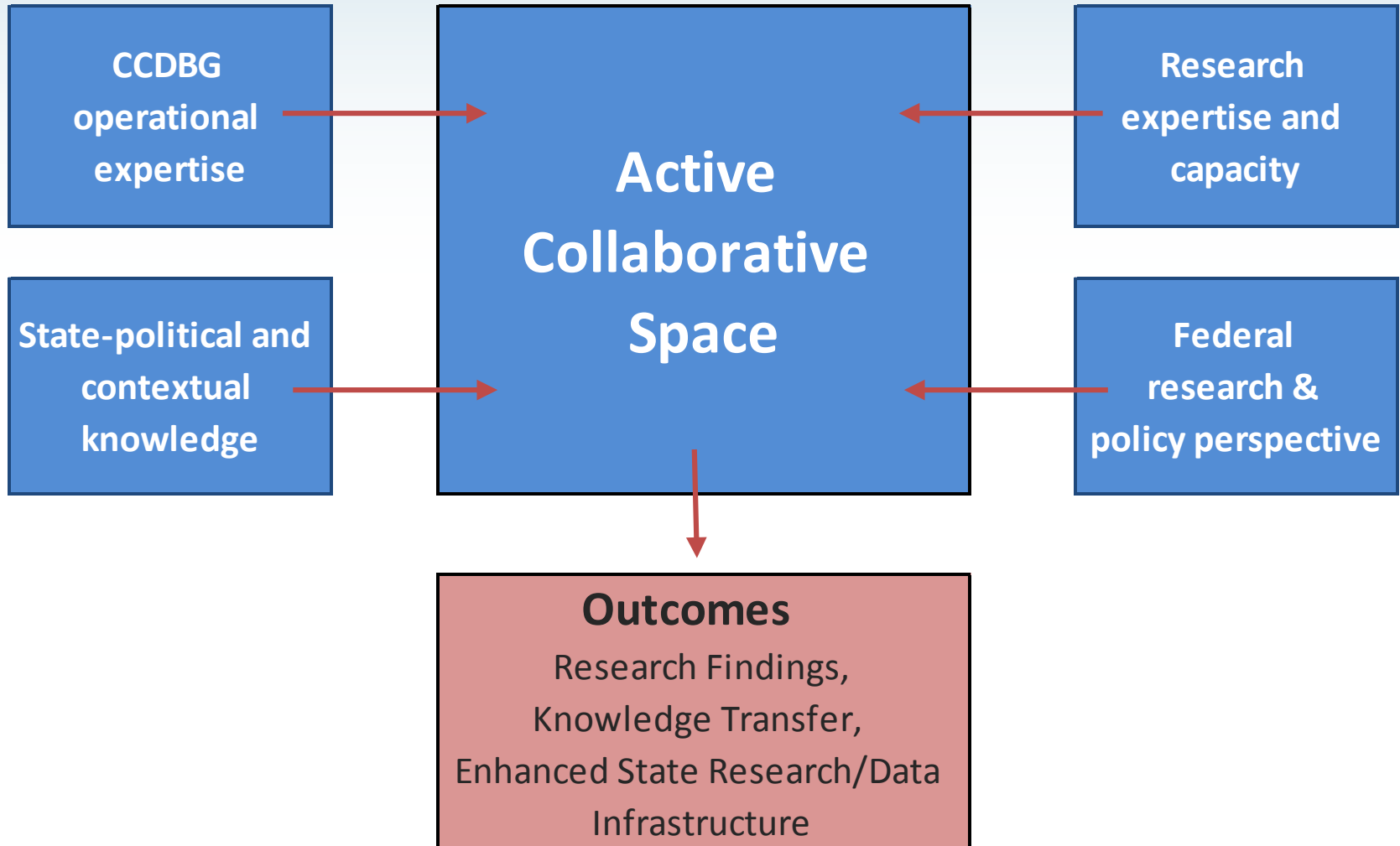
Research
expertise and
capacity

Federal
research &
policy perspective

Active
Collaborative
Space

Outcomes

Research Findings,
Knowledge Transfer,
Enhanced State Research/Data
Infrastructure



Conclusions about research-to-policy translation models

Similarities:

1. Data infrastructure and diverse expertise
2. Require active communication and engagement
3. Academic researchers need to buy in to some non-academic activities (not always rewarded)
4. Can consider equity

Differences:

1. Breadth vs. depth
2. New vs. existing data
3. Specificity of recommendations