



Head Start's Economic Impact: Through Early Care and Education Gap Lens

Agenda

- Overview
- Early Care and Education Gap
- Economic Impact
- Tools and Resources

Read On Arizona
is our state's
early literacy
initiative.



School Readiness



Third Grade Reading

Early Care and Education Gap

Acknowledgment

The methodology used for the analysis is based the work of the Bipartisan Policy Center and a 12-state committee. The analysis was performed by Arth Analytics in collaboration with Read On Arizona

Committee Member	State
Samantha Aigner-Treworgy Department of Early Education and Care	MA
Nichole Anderson Department of Family Services	WY
Crystal Arbour Office of Child and Family Services	ME
Jill Bushnell Child Care Collaborative Task Force	WA
Patty Butler Department of Public Health and Human Services	MT
Tracey Campanini Office of Child Development and Early Learning	PA
Tracey Gruber Office of Child Care	UT
Chris Jones Department of Human Services	ND
Lori Masseur Early Childhood Education and Head Start Collaboration Office	AZ
Nicol Russell Teaching Strategies	
Jeana Ross Department of Early Childhood Education	AL
Julie Preskitt Associate Professor of Health Care Organization and Policy, The University of Alabama at Birmingham School of Public Health	
Kristi Snuggs Division of Child Development and Early Education	NC
Nicole Vint Department of Health and Human Services	NE

Overview



Supply



Potential Need



The Gap

County Overview

County		
County	Gap	Gap%
Apache	1,363	67.8%
Cochise	1,496	33.3%
Coconino	2,060	35.8%
Gila	947	60.1%
Graham	1,022	67.6%
Greenlee	49	14.0%
La Paz	370	78.7%
Maricopa	19,202	9.8%
Mohave	2,466	39.7%
Navajo	2,621	62.1%
Pima	5,250	13.3%
Pinal	4,687	30.3%
Santa Cruz	1,495	62.3%
Yavapai	1,481	24.3%
Yuma	3,712	39.1%

Congressional District Overview

Congressional District			
District	Representative	Gap	Gap %
Congressional District 1	David Schweikert	1,072	3.5%
Congressional District 2	Eli Crane	10,998	40.9%
Congressional District 3	Ruben Gallego	5,473	13.2%
Congressional District 4	Greg Stanton	1,929	5.6%
Congressional District 5	Andy Biggs	3,101	9.3%
Congressional District 6	Juan Ciscomani	4,331	15.6%
Congressional District 7	Raul Grijalva	9,826	27.4%
Congressional District 8	Debbie Lesko	1,723	5.5%
Congressional District 9	Paul Gosar	9,768	28.6%



Economic Impact of ECE Gap

Calculation Components



Household Losses

State Level Assumptions

- Early Care and Education Gap
- Average state hourly wage
- Average state annual number of hours worked
- Statewide working parent to child ratio
- 30% and 50% rate of stopping work

Business Losses

Calculation Assumptions

- Current and future productivity losses
- Turnover cost
- Supplemental pay and healthcare
- Total cost = 29.2% of earnings

Tax Losses

Calculation Assumptions

- Constant percentage
- Modeled as an average national tax
- Include both household and businesses
- 20% average rate applied to total household and business earning loss

Economic Impact of ECE Gap and Head Start

State Level Analysis

Head Start Capacity: **15,605**

Increase in Early Care and Education Gap (without
Head Start Capacity): **12,739**

Urban **9,363**

Rural **3,376**

State Level Analysis

Economic Impact of ECE Gap Increase

Low Estimate:
\$645,725,401

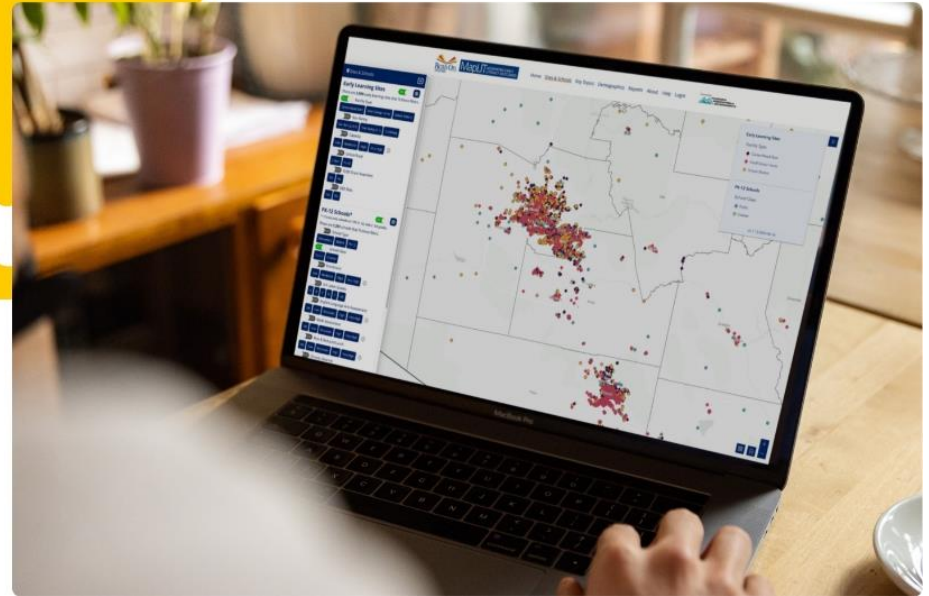
High Estimate:
\$986,422,759

Congressional District Economic Impact of ECE Gap Increase

Congressional District	Head Start Capacity	Increase in Child Care Gap (without Head Start Capacity)	LOW Economic Impact of Increase in Gap (Long Term)	High Economic Impact of Increase in Gap (Long Term)
District 1	833	383	\$ 20,829,958	\$ 31,820,252
District 2	3,210	2,415	\$ 115,334,461	\$ 176,187,179
District 3	3,960	2,829	\$ 153,858,881	\$235,037,837
District 4	871	514	\$ 27,954,656	\$ 42,703,941
District 5	285	582	\$ 31,652,835	\$ 48,353,489
District 6	1,128	833	\$ 41,581,444	\$ 63,520,627
District 7	3,621	3,046	\$ 146,605,301	\$ 223,957,127
District 8	765	596	\$ 32,414,243	\$ 49,516,632
District 9	932	1,541	\$ 75,493,714	\$ 115,325,675
Arizona Total	15,605	12,739	\$ 645,725,401	\$ 986,422,759

Tools and Resources

Arizona's MapLIT



Key Topics

Map data related to important topics that impact early learning and literacy outcomes for young children:

The child care gap in a specific geographic area is measured here by the number of children who potentially need child care (children under age 6 with all parents in the labor force) but whose families cannot reasonably access formal child care facilities by driving. Driving distances used in the calculations are 3.5 miles in urban areas and 10 miles in rural areas. [Learn more.](#)

Child Care Gap

Congressional District Child Care Gap Count

Congressional District Child Care Gap %

County Child Care Gap Count

County Child Care Gap %

School District Child Care Gap Count

School District Child Care Gap %

First Things First Region Child Care Gap Count

First Things First Region Child Care Gap %

Read On Community Child Care Gap Count

Read On Community Child Care Gap %

City/Town/Place Child Care Gap Count

City/Town/Place Child Care Gap %

SITES

☐ OFF

K-12

Schools

☒ ON

Early

Learning

Sites

☐ OFF

Arizona

Libraries

☐ OFF

Medical

Facilities

REGIONS

☐ OFF

Read On

Communities

☐ OFF

First

Things

First

Regions

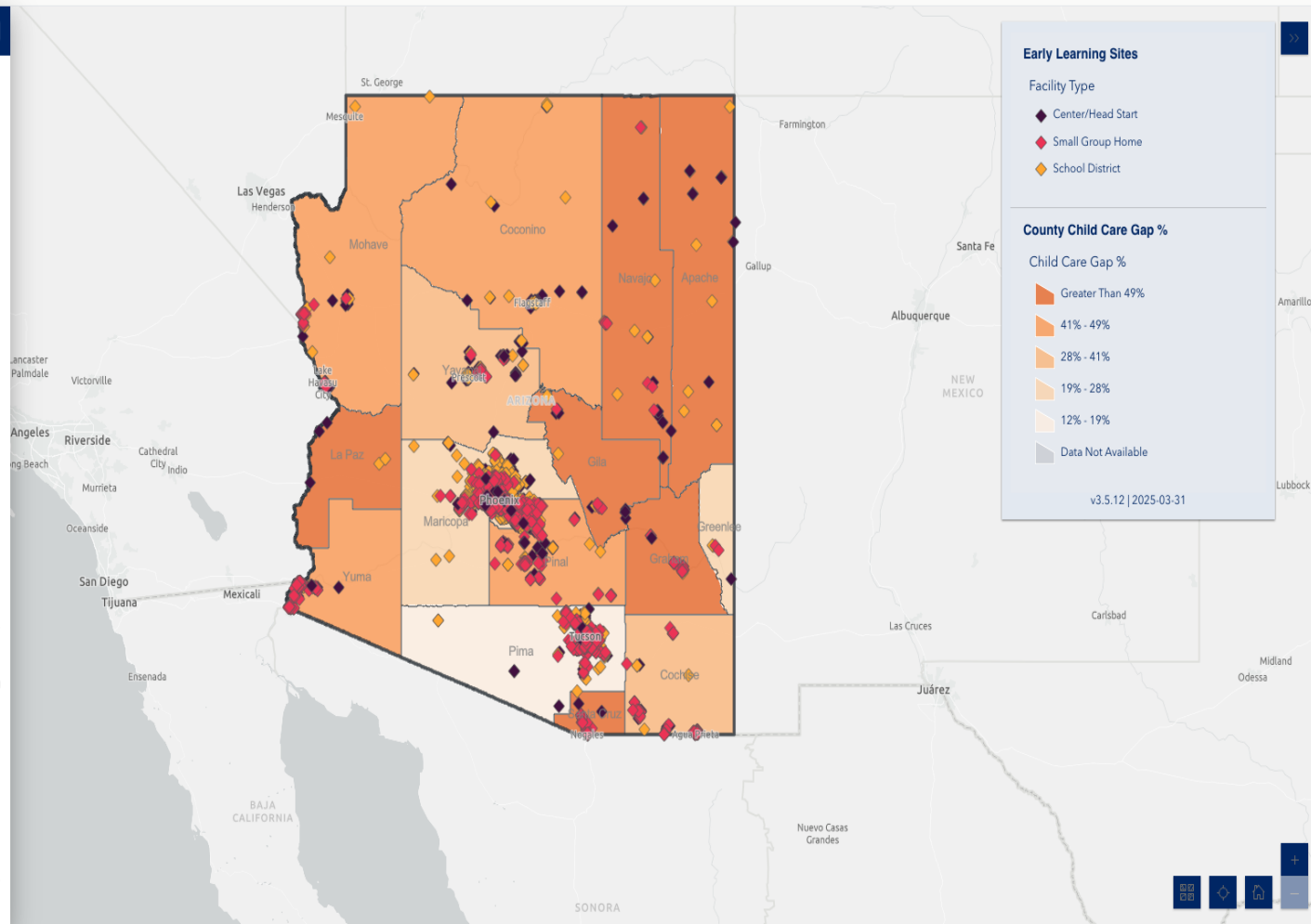
☐ OFF

Native

Nations

Boundaries

Data Source: Bipartisan Policy Center Child Care Gap Assessment (2023)





Thank you

ReadOnArizona.org

