



NATIONAL CENTER ON
Early Childhood Quality Assurance

Identifying, Mapping and Alleviating Child Care Deserts

Webinar Series on Strategies for Building and
Financing the Supply of High-Quality Child Care

February 13, 2018



Introductions

Gerry Cobb, State Services
Director, BUILD Initiative



Zelda Boyd, Senior
Technical Assistance
Specialist, National Center
on Early Childhood Quality
Assurance





NATIONAL CENTER ON Early Childhood Quality Assurance



Series Overview

- ◆ We will explore and share supply building successes and lessons learned in states and communities.
- ◆ This is a five-part series.

Session/Date	Description
Webinar 1: 1/17/2018 2:00–3:30 (ET)	Strategies for Building and Financing the Supply of High-Quality Child Care Check out the recording link for the webinar!
Webinar 2: 2/13/2018 2:00–3:30 (ET)	Identifying, Mapping, and Alleviating Child Care Deserts
Webinar 3: 3/16/2018 2:00–3:30 (ET)	Innovation in State and Local Finance
Webinar 4: 5/01/2018 2:00–3:30 (ET)	Using Grants and Contracts, Payment Rates, and Financial Incentives to Increase Supply and to Improve Quality
Webinar 5: 6/04/2018 2:00–3:30 (ET)	Innovative Models to Build, Expand, and Sustain Quality Facilities in High-Need Communities

Webinar Series Materials

- ◆ All materials related to this webinar and future webinars can be found at the following website:
- ◆ <https://www.grisnetwork.org/lt/strategies-building-and-financing-supply-high-quality-early-learning-webinar-series/overview>

Series Objectives

- ◆ Identify gaps in the availability of child care in high-need areas of the state.
- ◆ Examine innovative approaches to finance child care at state and local levels.
- ◆ Understand rate strategies aimed at building the supply and quality of child care.
- ◆ Recognize models designed to build, expand, and sustain quality facilities and services in high-need communities.

Key Requirement

- ◆ The Child Care and Development Block Grant (CCDBG) requires states to develop and implement strategies to increase the supply and improve the quality of child care services for children in underserved areas, infants and toddlers, children with disabilities, and children who receive care during nontraditional hours.

Current Supply and Demand Landscape

- ◆ 65 percent of children younger than 6 have all parents in the workforce (U.S. Census Bureau).
- ◆ 80 percent of licensed child care centers are considered to be of “fair” quality (Child Care Aware of America, 2016).
- ◆ Children of color typically do not have access to high-quality early care and education (Child Care Aware of America, 2016).
- ◆ Small towns and rural communities typically have the lowest supply of high-quality child care (Child Care Aware of America, 2016).
- ◆ Children living in low-income homes typically do not have access to high quality child care (Child Care Aware of America, 2016).

Today's Panelists

Jen Bump

Child Care Aware of
America



Dionne Dobbins

Child Care Aware of
America



Tracy Pond

Child Care Aware of New
Hampshire



Rasheed Malik

Center for American
Progress



Natalie Brake

Indiana Partnerships for
Early Learners

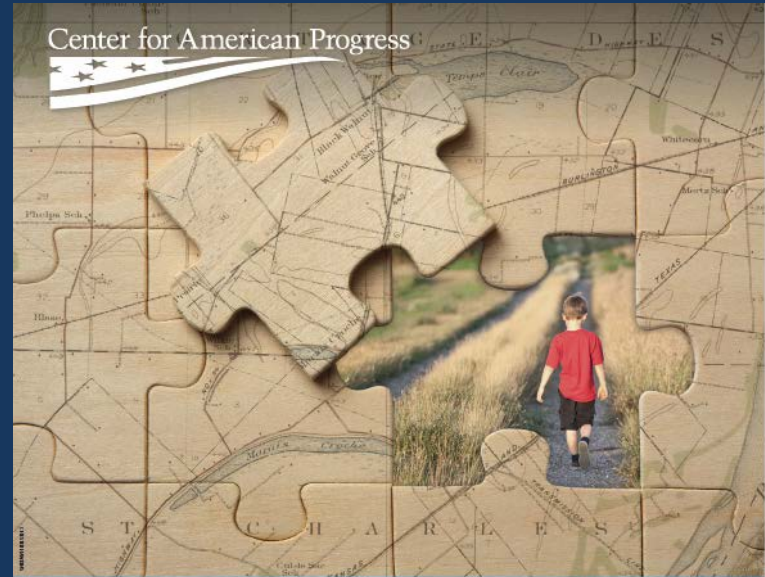




Child Care Deserts

Assessing the state of child care market supply offers an opportunity to explain the potential of the early care and education field to the press as well as the typical, uninformed policymaker.

Note: the concept first took hold as ‘food deserts’



Mapping America's Child Care Deserts

By Rasheed Malik and Katie Hamm August 2017



4 major issues
facing the child
care market:

- Quality
- Workforce
- Affordability
- Supply

CAP Child Care Deserts Research

The cost of quality child care is well-documented, but less attention is given to the persistent undersupply of child care centers.

Collected info on child care locations and capacity from 22 states that have downloadable public data

We find that **51 percent** of Americans live in a child care desert

Center for American Progress



It's easy! All you need:

- **Child Care Data**
 - Often public →
 - Maybe you already have access to data?
- **Census Tables**
 - American FactFinder
- **GIS Software**
 - Need to geocode
 - ArcGIS (\$\$\$)
 - QGIS (free)
- **Statistical Software**
 - This is to merge (combine) all the data and then run analysis
 - We use Stata

The screenshot shows the 'Request Child Care Provider List' form from the Pennsylvania Department of Human Services, Certification & Licensing. The form is titled 'Request Child Care Provider List' and includes a sub-header: 'Use the form below to request a full list of providers locations (RE104c). Your report will be emailed to you 1-2 business days after you submit your request.'

The form is divided into two main sections: 'Contact Information' and 'Report Details'.

Contact Information:

- Your Name (required):** A text input field containing 'Rasheed Malik'.
- Your Email (required):** A text input field containing 'rmalik@americanprogress.org'.
- Confirm Email (required):** A text input field containing 'rmalik@americanprogress.org'.

Report Details:

- Name Your Report:** A text input field containing 'My_PA_childcare_database'.
- Report Type:** Two radio buttons: 'Summary Report' (selected) and 'Detail Report'.
- County (required):** A dropdown menu with 'Please select ...' at the top and a list of counties: Adams, Allegheny, and Armstrong.
- Legal Entity Address Type:** A dropdown menu with 'Business Address' selected. Below it is a note: 'Select "Business" to have the address of the physical site returned'.
- Report Format:** A dropdown menu with 'CSV(Comma Separated Value)' selected.
- Sort By:** A dropdown menu with 'Provider Type' selected. To its right are two radio buttons: 'Ascending' (selected) and 'Descending'.
- Provider Type (required):** A dropdown menu with 'Please select ...' at the top and a list of provider types: Child Care Center, Family Child Care Home, and Group Child Care Home.
- Location Address Type:** A dropdown menu with 'Business Address' selected. Below it is a note: 'Select "Business" to have the address of the physical site returned'.

At the bottom right of the form is a green button labeled 'Generate Report'.

<https://www.pelican.state.pa.us/ppcspublicfacing/publicinterface/Reports/RE104c.asp>

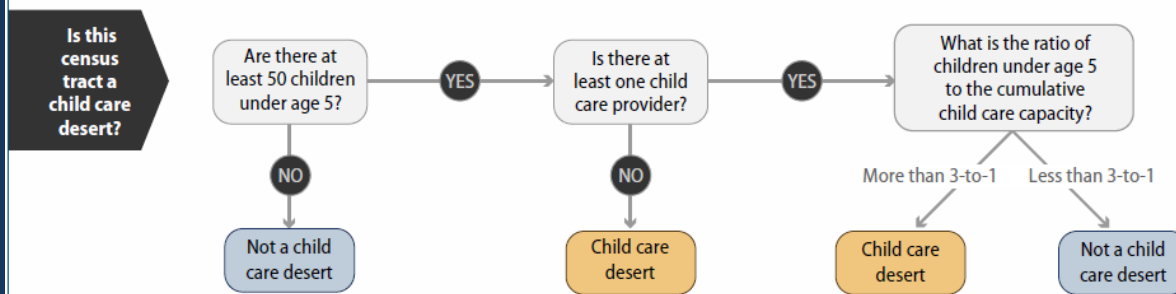
X



A Working Definition for Child Care Deserts:

FIGURE 1

A working definition for child care deserts



Note: Child Care Aware defines child care deserts as "areas or communities with limited or no access to quality child care."

Source: Dionne Dobbins and others, "Child Care Deserts: Developing Solutions to Child Care Supply and Demand" (Arlington, VA: Child Care Aware of America, 2016), available at <http://usa.childcareaware.org/wp-content/uploads/2016/09/Child-Care-Deserts-report-FINAL2.pdf>.

- 3 in 5 rural children live in child care deserts
- Families living paycheck-to-paycheck esp. hard hit
- Latino, AIAN families are most likely to live in deserts

Center for American Progress



The media wants to cover the issue
They just need some hard numbers

XXfactor WHAT WOMEN REALLY THINK | JAN. 6 2017 10:13 AM

There's Not Even Close to Enough Child Care in the United States for All the Families That Need It

By Elissa Strauss

561 121

Slate

The Washington Post
Wonkblog

Child care isn't just expensive. It's hard to find.

By Danielle Paquette October 28, 2016

An analysis of eight states released Thursday found more than half of young children in rural Zip codes live in a "child care desert," where kids under 5 years old outnumber the day-care spots by at least 3 to 1.

Scary Mommy

NEWS

There's A Massive Shortage Of Quality Child Care Options

Christine Organ

Chicago Tribune @chicagotribune

Five out of six Chicago kids under age 5 live in child-care deserts, study says
trib.in/2e5Y47z

WORKING MOTHER SUBSCRIBE

FAMILY

This Interactive Map Can Tell You If You're Living in a Daycare Desert

Unfortunately, odds are you are.

By Meredith Bodgas August 30, 2017

CNN Money U.S. Business Markets Tech Media Personal Finance Small Biz Luxury

Waive ATM fees. with TD Premier Checking™

American Opportunity

'Child care deserts' are leaving rural parents with few options

by Lydia DePillis @CNMMoney

December 19, 2017 9:15 AM ET

Recommended 721

shots HEALTH NEWS FROM NPR

STRETCHED: WORKING PARENTS - Juggling Act

< Child Care Scarcity Has Very Real Consequences For Working Families

January 5, 2017 7:48 AM ET

How America's 'childcare deserts' are driving women out of the workforce

Rising daycare costs have put the spotlight on Washington state in a country offering little support for parents seeking childcare

CITYLAB DESIGN TRANSPORTATION ENVIRONMENT EQUITY LIFE

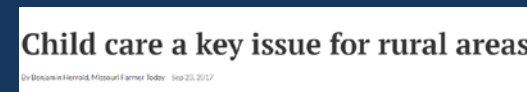
Closing the Child Care Access Gap

ILLUSTRATION NOV 9, 2016

Center for American Progress



Local Numbers = Local Press



'Childcare deserts' common throughout rural R.I.

Center for American Progress



www.childcaredeserts.org



Questions???

My Questions For You:

- What data are you sitting on that could be analyzed geographically?
- How do we move the public conversation toward solutions once we get people to accept the problem?
- Ideas for variations on this theme?
 - E.g. Infant/toddler supply, quality ratings, CCDF subsidies, non-traditional hours, etc.

Rasheed Malik, MPP – Senior Policy Analyst, Center for American Progress
(rmalik@americanprogress.org)

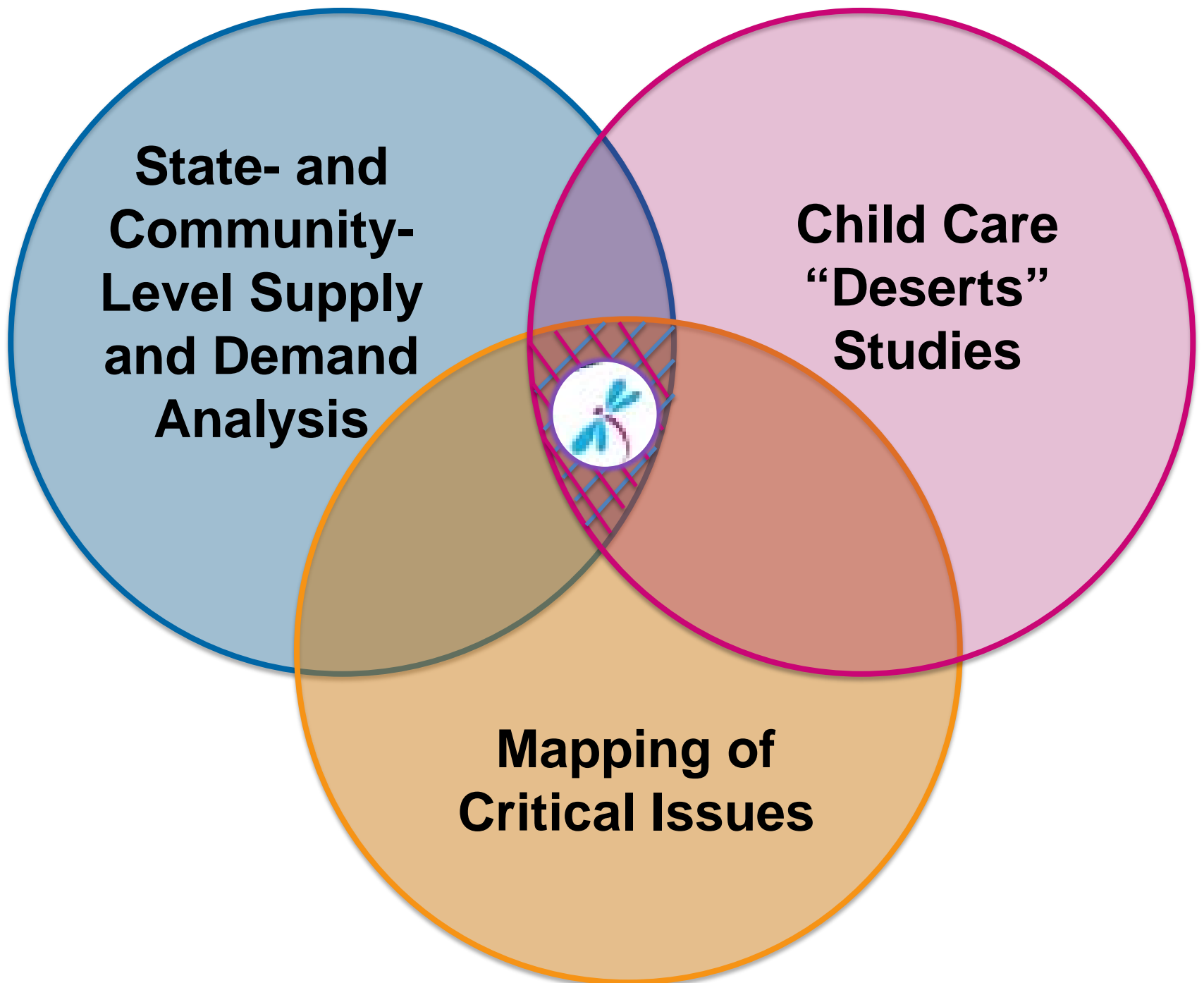


Mapping the Gap™

Dionne Dobbins, Ph.D.

Senior Director of Research





Our Mapping Process

- Strategic conversations with states to determine their unique story
- Draft maps and review with states
- Create story maps and add contextual information
- Support state with follow up



First Step: The Strategic Conversation:



What challenges could the maps solve?

What opportunities could the maps bring to light?

What mapping elements could be the greatest catalyst for policy change?

Who is your target audience for this map?

Who do you want to include in the process?

Do you have good or relevant data?

Child Care Deserts in Massachusetts

A story map    

State Overview

Supply & Demand for Child Care in MA

CCDF Data in MA

Non-Traditional Hours in MA

Policy Recommendations

The average cost of child care in the state of Massachusetts is greater than 12% of median income – percentages are higher for single-parent households and for those living at the poverty line. The average annual cost of infant child care in the state is \$17,082 for center-based care and \$10,679 for family child care homes. The average annual cost of four-year-old child care in the state is \$12,796 for center-based care and \$10,012 for family child care homes. Find more information on the cost of care in your state in our [2016 Parents and High Cost of Child Care Report](#).

In Massachusetts, we examined three key issues around child care supply and demand:

1. Overall supply of child care slots compared to the number of working parents across Massachusetts;
2. Whether Child Care Development Fund subsidies mirror the demand for those subsidies; and
3. Availability of licensed care for parents working non-traditional hours, or shift work, in Massachusetts.

We examined the availability of non-traditional hours care on recommendation from key stakeholders in Massachusetts (listed below) who wanted to know whether the infrastructure already existed to support the planned opening of three large casinos in Massachusetts. For each topic, we examined the locations of child care providers and children by zip code, including county boundaries for reference. For a breakdown of tallies by zip code and county, review the print-friendly brief included on the last slide of this story map.

The Massachusetts state team collaborated with CCAoA staff to create customized child care desert maps below which tell stories about the state of child care in Massachusetts. Special thanks goes out to Kim Dion (Program Director, Seven Hills Foundation), Corrine Corso (Network Coordinator, Child Care Circuit), Kelly Graceffa (Director, Child Care Choices of Boston) and Yoely Javier (Co-Director, The Community Group, Inc.) for their assistance.

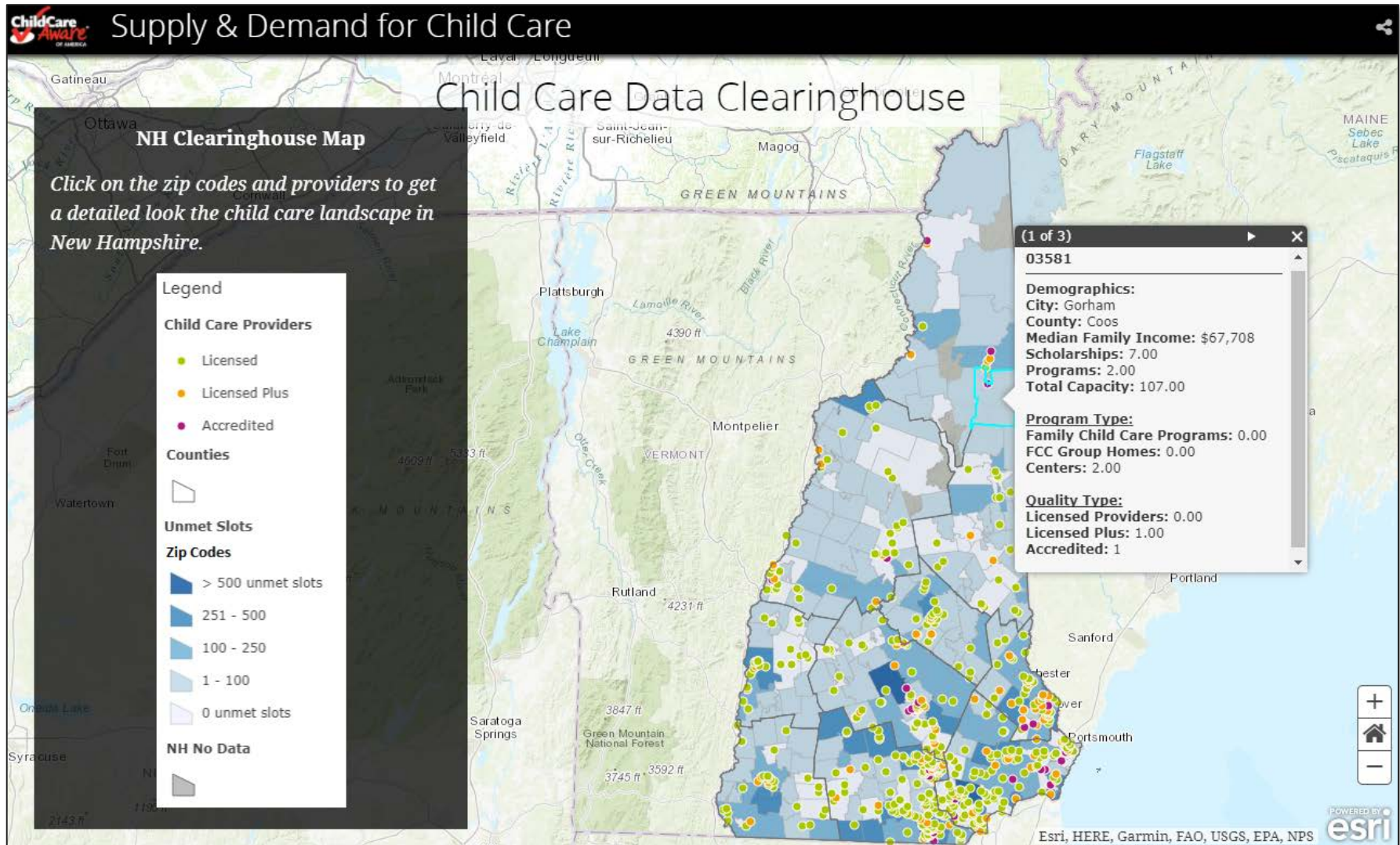
Story maps are best viewed in Firefox or Chrome. As you scroll through, please allow up to a minute for each map to fully load.

Data Collection:

The number of children under the age of 6 in each zip code was obtained through the most up to date Census data, specifically, the U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates, B23003: Presence of Own Children Under 18 by Age of Children by Employment Status. The licensed child care programs and the number of slots per center were obtained using data from NACCRAWARE with permission from the license holder in May 2017.



Mapping the Gap™ in New Hampshire



Mapping the Gap™ in New Hampshire



Supply & Demand for Child Care

Spotlight: Coos County

Coos County Supply & Demand

Legend

Child Care Providers

- Licensed
- Licensed Plus
- Accredited

Counties



Unmet Slots

Zip Codes

- > 500 unmet slots
- 251 - 500
- 100 - 250
- 1 - 100
- 0 unmet slots

NH No Data



(1 of 3)

03570, Berlin

Unmet Slots: 148.00

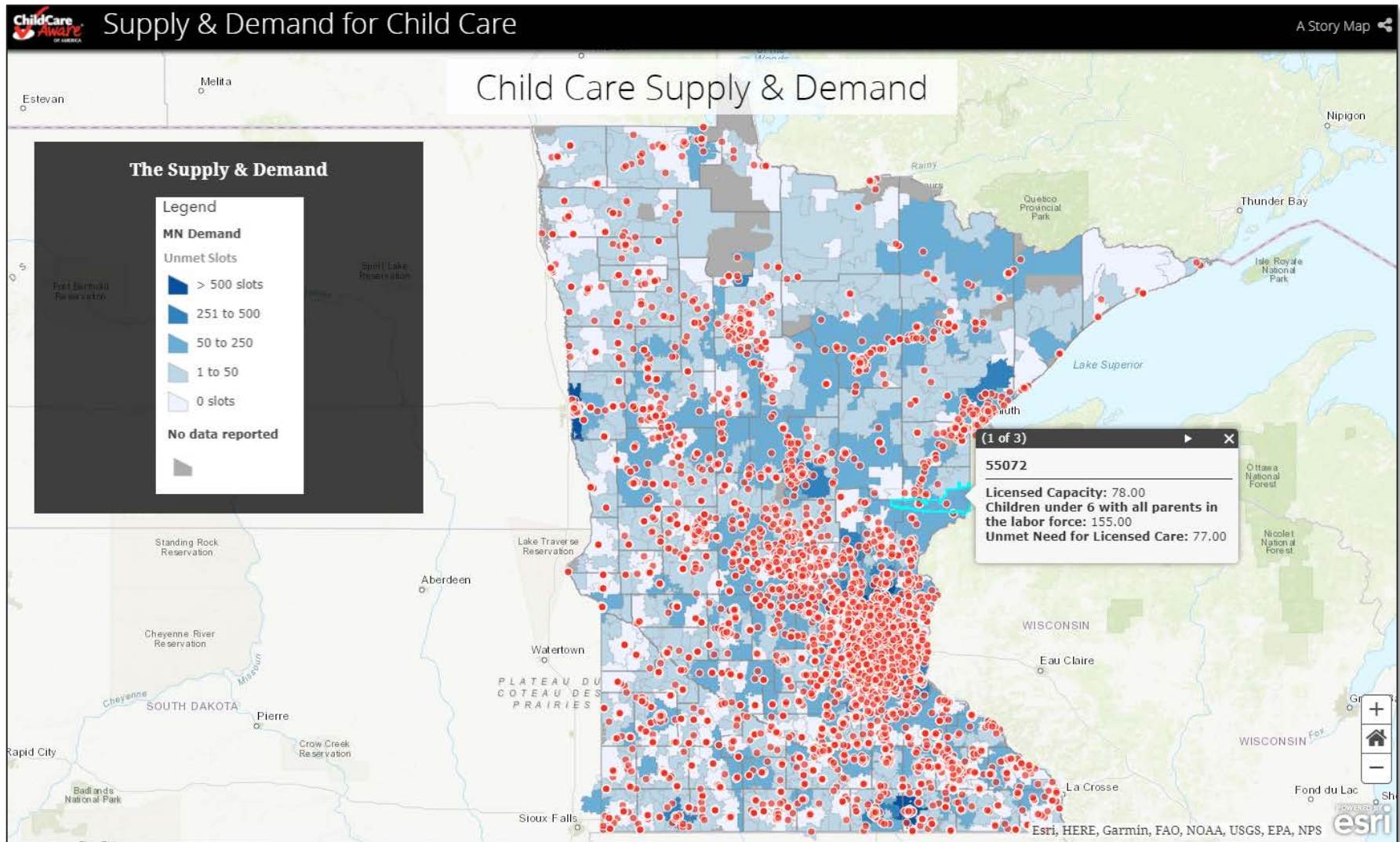
Licensed Capacity: 97.00

Children Under 6 with All Parents in the Labor Force: 245.00

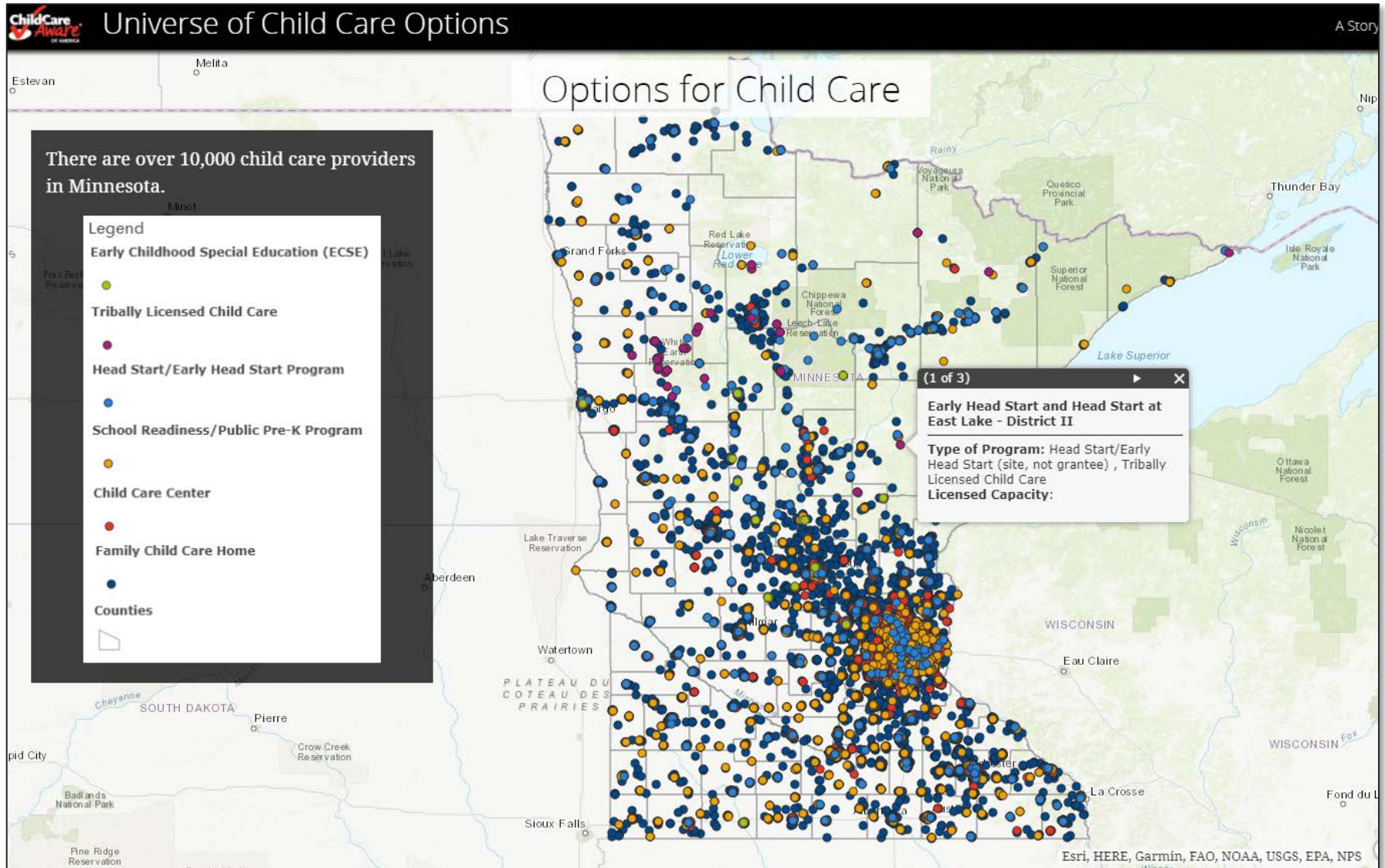
Esri, HERE, Garmin, FAO, USGS, NGA, EPA, NPS



Mapping the Gap™ in Minnesota



Mapping the Gap™ in Minnesota

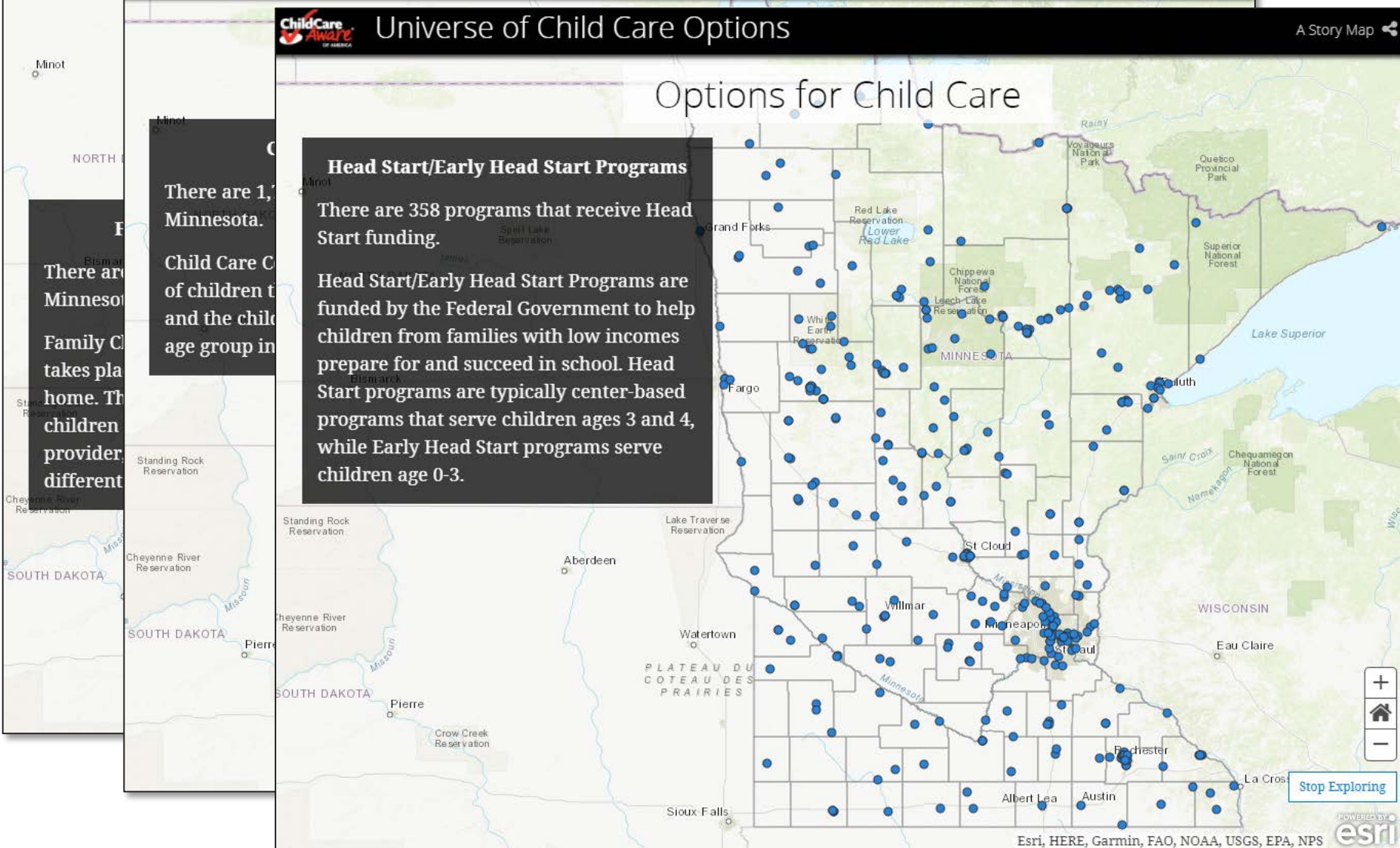


Mapping the Gap™ in Minnesota



ChildCare Aware of America Universe of Child Care Options A Story Map

ChildCare Aware of America Universe of Child Care Options A Story Map



Stop Exploring

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS





Child Care Resource & Referral Spotlight: Mapping the Gap

Mapping the Gap: Goals for CCR&Rs

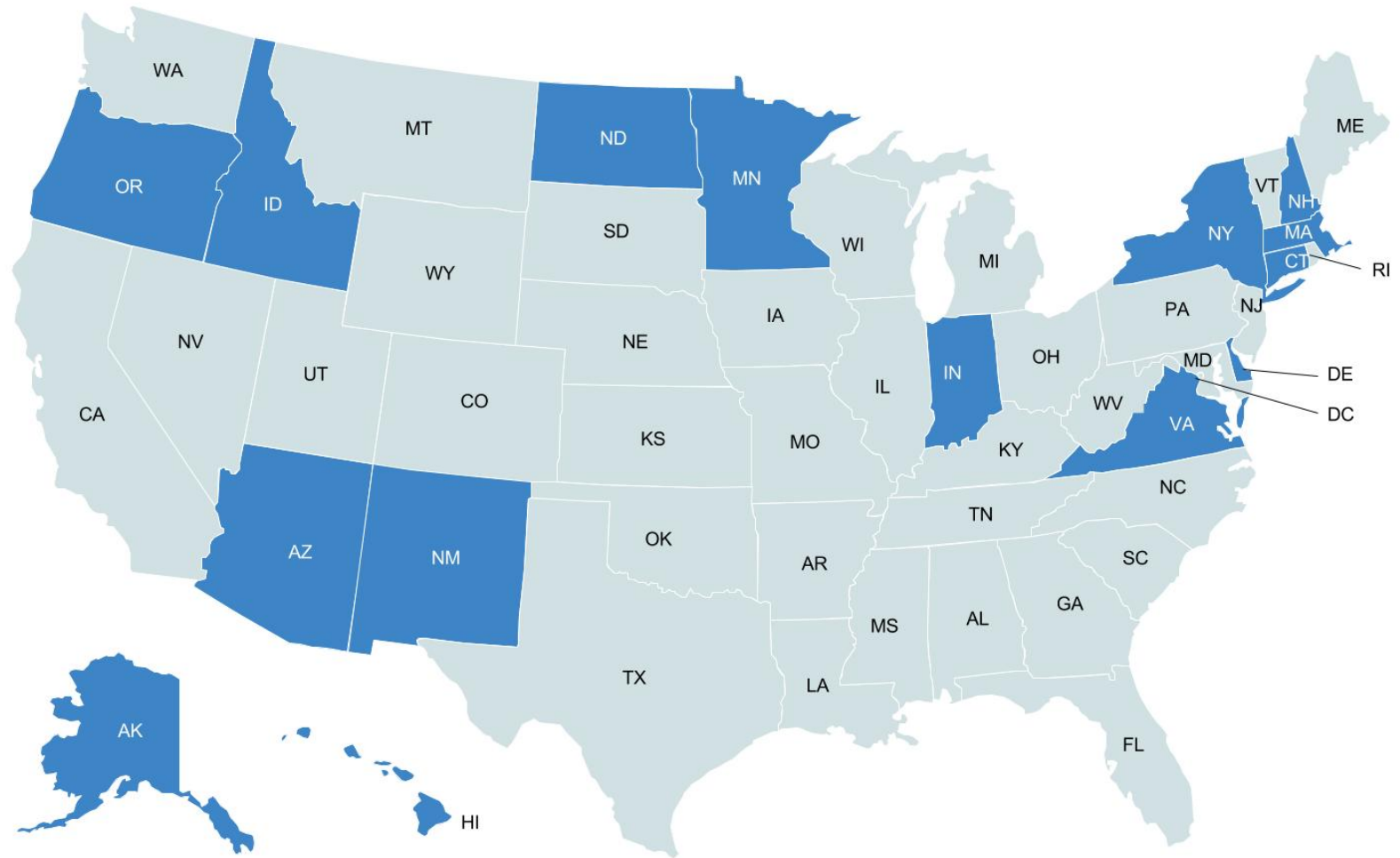


- Inform and enhance CCR&R capacity building and quality improvement activities
- Promote increased stakeholder collaboration and investment in addressing child care supply and quality shortages
- Spotlight the robust capabilities of CCR&R infrastructure

CCR&Rs Role in Mapping the Gap

- Primary collaborative partner for CCAoA
- Primary data source via NDS referral software
- Drivers in designing maps most relevant to their state needs and priorities
- Nationwide infrastructure to promote and implement solutions

CCR&Rs Participating in Mapping the Gap



CCR&R Partner State

Spotlight:

Child Care Aware of North Dakota



Starting Child Care Initiative (CCDF Funded)

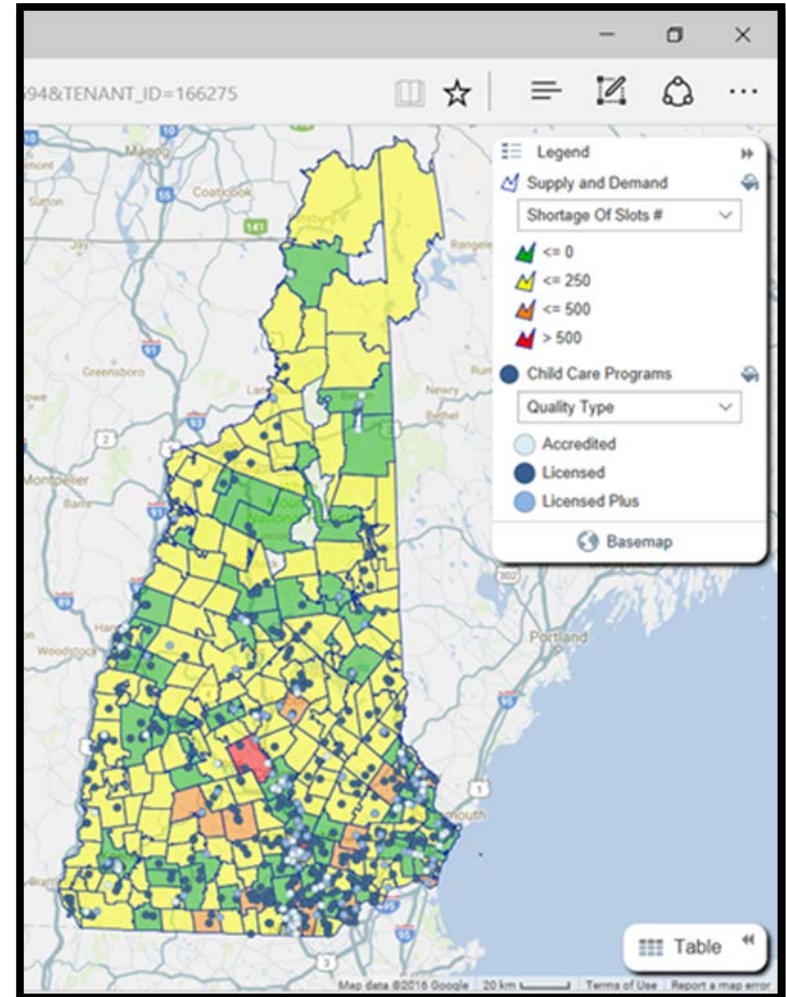
- Targeted recruitment of new programs
 - Infant/Toddler Capacity
 - CCDF Approved Programs
 - Non Traditional Hour Care (And more)
- Business training with ongoing technical assistance in year 1
- Collaborates with licensing to offer compliance consultations



Spotlight: Child Care Aware of New Hampshire



- CCAoA Mapping the Gap Proof of Concept State (2016)
- Compared facilities by quality type to census data – Children 0-5 with all parents in labor force
- Partnership between CCAoA, CCAoNH & NH State Admin Office



Spotlight: Child Care Aware of New Hampshire



“This project has been well-timed in the implementation of the CCDF reauthorization requirements. We hope to also provide information to help us see where children receiving the NH Child Care Scholarship (subsidy) are clustered at the zip code level to help us determine the best places to make investments that will have the greatest impact in regards to access and quality.”

Kristin Booth
NH CCDF State Administrator



Spotlight:

Child Care Aware of New Hampshire



Current Projects:

- Partnering with State CCDF office to use maps to inform decision making for QRIS and other projects
- Deploying CCR&R outreach specialists to recruit and train new child care programs
- Offering Progressive Training & Technical Assistance for Family Child Care and Centers



Spotlight: Child Care Aware of New Hampshire

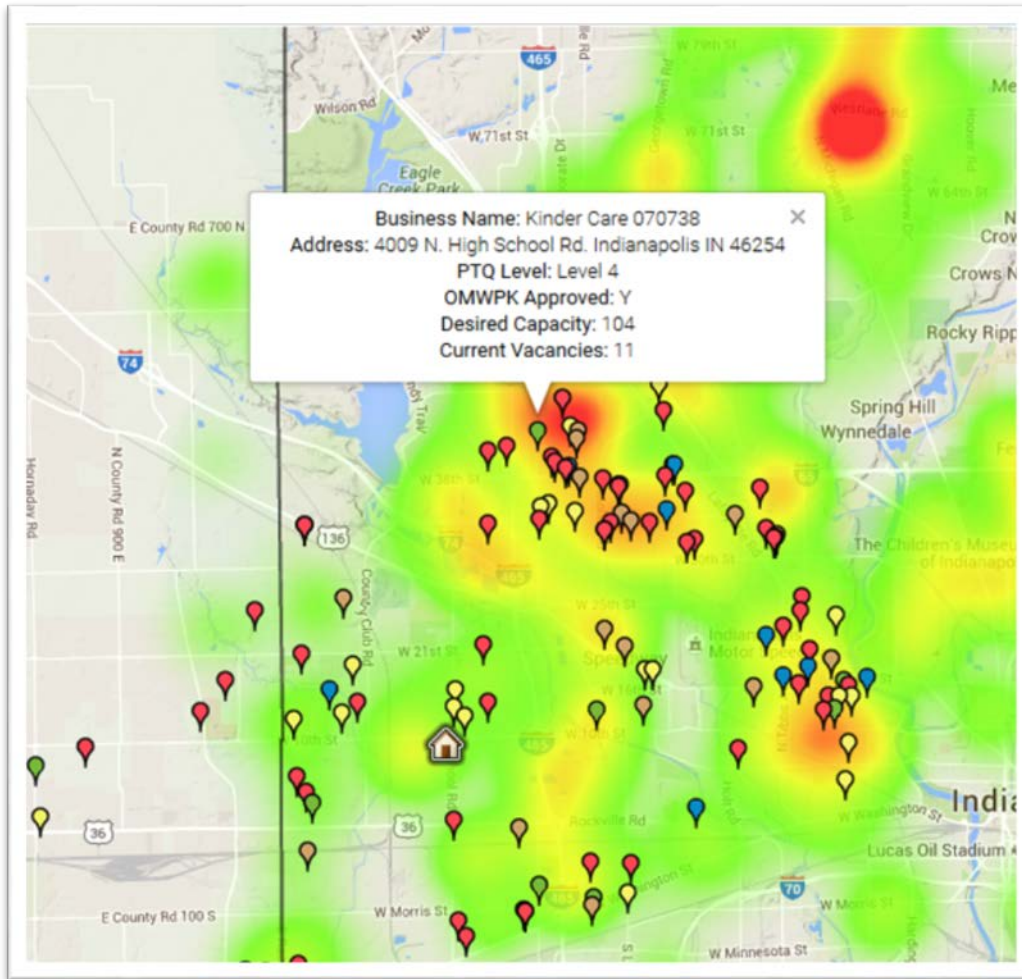


Current Projects:

- New Hampshire Charitable Foundation - Quality Investment Initiative
 - Training and Technical Assistance
 - Mentor support in QRIS advancement or accreditation



Spotlight: Early Learning Indiana



- Model for Mapping the Gap project at CCAoA
- Compared QRIS facilities to concentration of children with CCDF vouchers
- Partnership between CCR&R State Network and CCDF Administrator

Spotlight: Early Learning Indiana

Initial maps were used to:

- Inform State CCDF office investment into CCR&R capacity building and quality improvement activities
- Inform targeted CCR&R outreach to CCDF providers about new CCDBG training requirements
- Inform recruitment activities for Indiana's 5 county On My Way Pre-K Pilot
- Propel interest in problem solving

Spotlight: Early Learning Indiana

Maps are currently being used to:

- Generate multi-million dollar investments from private and public sources, including but not limited to:
 - City of Indianapolis - Indy Preschool Project
 - United Way of Central Indiana - Quality Improvement Project

Spotlight: Early Learning Indiana

Multi-million dollar investments continued...

- Lily Endowment
 - Family Child Care Cohorts
 - Capital improvement to supplement state funded community coalition grants
 - ✓ 1301 new high-quality seats already created

Spotlight: Early Learning Indiana

New Maps will be used to:

- Inform ongoing collaboration to increase capacity:
 - State Early Childhood Education Capacity Building Grant Program – On My Way Pre-K expansion, counties without high-quality providers (9), counties with substance abuse disorder issues (26)
 - Continue reaching audiences with tailored messages for collaboration between local, regional and statewide partners

Spotlight Your State

Poll Question 1:

Does your state CCDF office invest in child care capacity building activities? (Yes/No/Not Sure)

Poll Question 2:

Please share examples of how your state builds capacity in the chat box.



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Questions, Answers, and Comments

Audience Sharing Their Own Strategies

Webinar Survey

How much was your understanding of
Identifying, Mapping and Alleviating Child Care
Deserts improved?

Not improved

A little improved

Moderately improved

Significantly improved

Webinar Survey

How likely is it you will use at least one of these strategies or practices?

Won't

Probably not

Will consider

Definitely

Already doing all of this

Not applicable to my work

Webinar Survey

Please tell us what was useful – and how we could improve the webinar.

Thank You

Join us for Session III on March 6, 2018:
Innovations in State and Local Financing, 2:00–3:30
p.m. (EST)

Registration links can be found at: <https://www.qrisnetwork.org/lt/strategies-building-and-financing-supply-high-quality-early-learning-webinar-series/overview>

Webinar Follow-Up

◆ If you have additional questions or are looking for resources, email:

- Debi Mathias, dmathias@buildinitiative.org; and
- Zelda Boyd, Zelda.boyd@icf.com.

Resources and Links

National Center on Early Childhood Quality Assurance. (2017).

Developing a staffed family child care network: A technical assistance manual. Retrieved from

<https://childcareta.acf.hhs.gov/resource/developing-staffed-family-child-care-network-technical-assistance-manual>

National Center on Early Childhood Quality Assurance. (2017).

Staffed family child care networks: A research-informed strategy for supporting high-quality family child care. Retrieved from

<https://childcareta.acf.hhs.gov/resource/staffed-family-child-care-networks-research-informed-strategy-supporting-high-quality>

KIDS COUNT Data Center, <http://datacenter.kidscount.org/>

Resources and Links

Office of Child Care, Administration for Children and Families, U.S. Department of Health and Human Services. (2015). Information memorandum: Building the supply of high-quality child care information memorandum [Log no: CCDF-ACF-IM-2015-02]. Retrieved from https://www.acf.hhs.gov/sites/default/files/occ/ccdf_acf_im_2015_02.pdf

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Ramsburg, D., Bromer, J., Saterfield, L., McMannis, D., & Hallam, R. (2015, July). *Strategies for building a supply of high-quality infant and toddler care*. Presented at 2015 State and Territory Administrators Meeting, Alexandria, VA. Retrieved from <https://childcareta.acf.hhs.gov/resource/strategies-building-supply-high-quality-infant-and-toddler-care-stam-2015>

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Child Care Aware of America. (2016). *Parents and the high cost of child care*. Retrieved from https://usa.childcareaware.org/wp-content/uploads/2017/01/CCA_High_Cost_Report_01-17-17_final.pdf

U.S. Census Bureau, 2008–2016 American Community Survey, as cited in analysis by Population Reference Bureau (Population Reference Bureau, DataFinder, U.S. Profile). Retrieved from <http://www.prb.org/DataFinder.aspx>)

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