SHORTAGE AND POVERTY

HIGH-QUALITY



**Estimated Total Demand** 

Number of children accompanying

Number of children accompanying

parents from out-of-the-city to

Resident children under 5

(from Census, 2010):

city work locations:

Total Estimated Demand:

work locations:

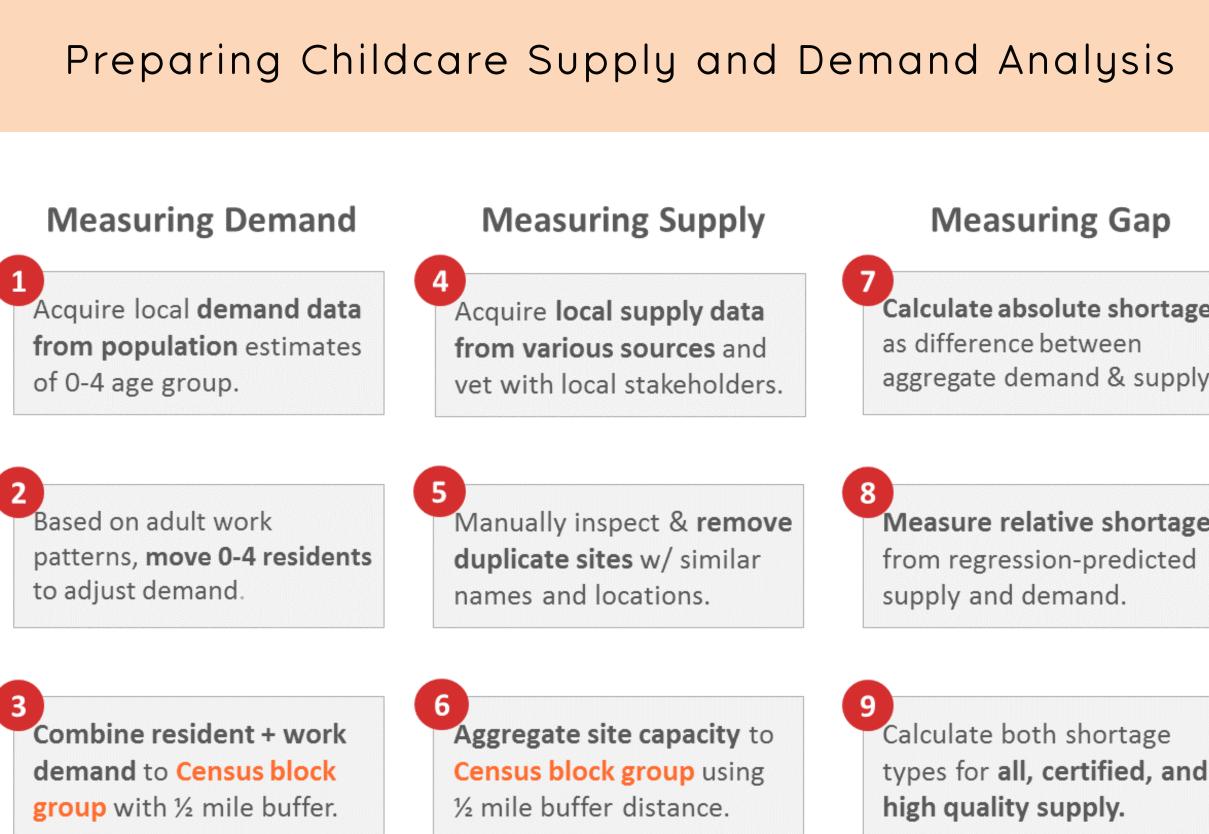
# The geography of quality childcare: estimating local supply, demand and market gaps to support data-based mission-related investment in Philadelphia

Objective:

Understanding the geographic distribution of shortages in the supply of high-quality child care to provide guidance for programmatic or investment activity in Philadelphia.

106,813

113,846



TOTAL ESTIMATED DEMAND, 2016

## absolute and relative. Absolute shortage is the raw difference between supply and demand. Relative shortage is a measure that makes statistical adjustment for existing shortages in the market.

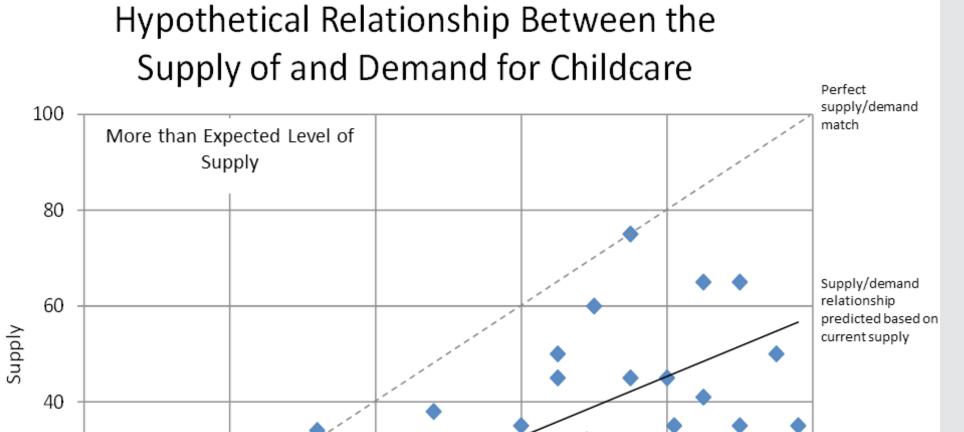
## Approach to Estimating the Gap

The final step is to model places where

vis-à-vis the demand for those services.

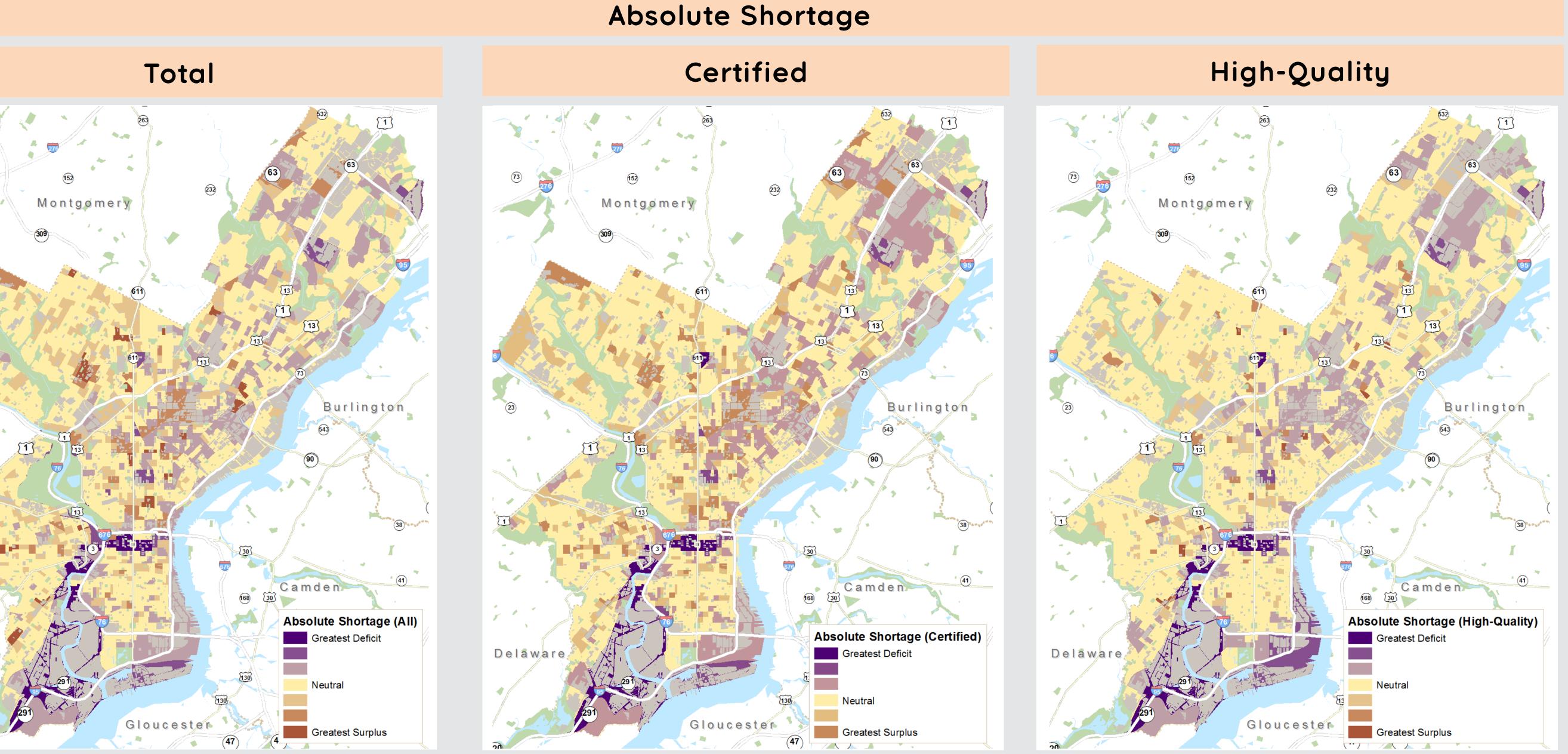
shortages exist in childcare coverage

We measure shortage in two ways:



In reality, market dynamics in a city may suggest that supply will never perfectly match demand. Supply may always be less than demand because many parents provide in-home childcare and empty seats represents a financial burden for providers.

Relative shortage is calculated by subtracting each area's estimated demand from a (regression) predicted supply count, represented by the solid line. Areas falling e have "less than expected supply," meaning they have a shortage of child care. Areas falling e have "more than expected supply" meaning they have a surplus of child care slots.



Relative Shortage

Certified

Larger than expected gap

The same areas of the city have the most severe absolute shortages across all three center types: all child care (total), certified, and high-quality. These areas include Center City, as well as other major employment centers, including near the **University of Pennsylvania** in West Philadelphia and near the airport (southwest) and Navy Yard

The most severe relative

shortages in certified

lots continue to be

of the Northeast and

Northwest, as well as

Central and part of

Southwest Philadelphia.

to train stations also

Those block groups closest

continue to have some of

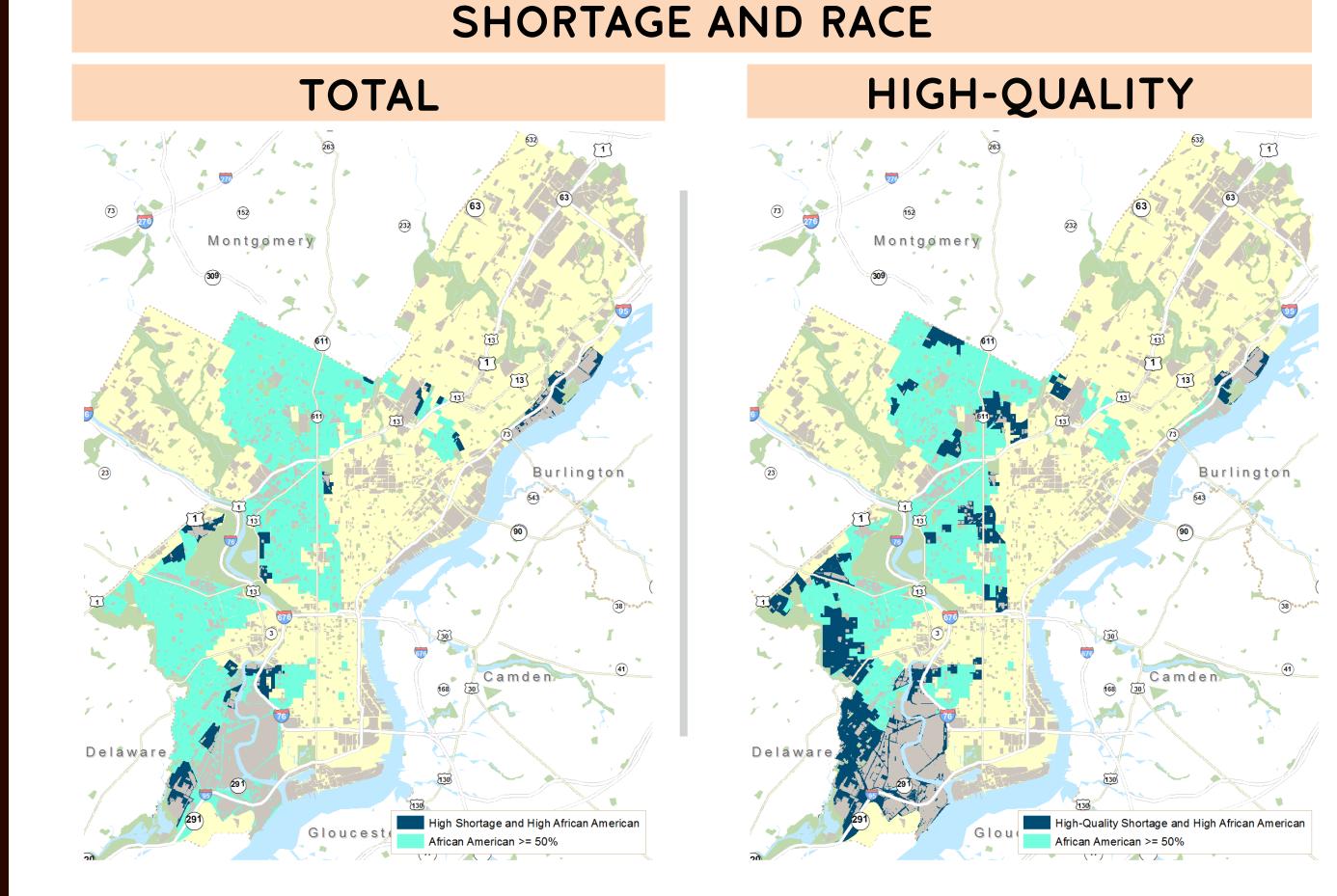
the most severe relative

shortages in certified

childcare seats.

concentrated in portions

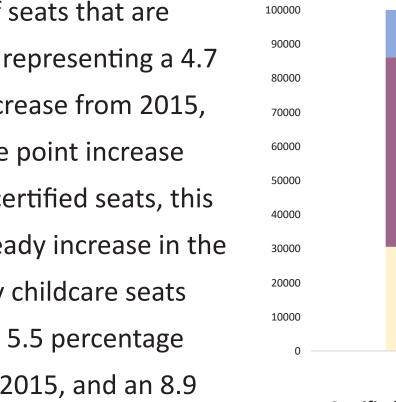


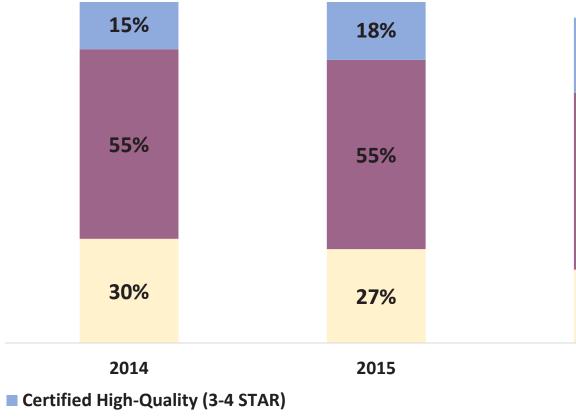




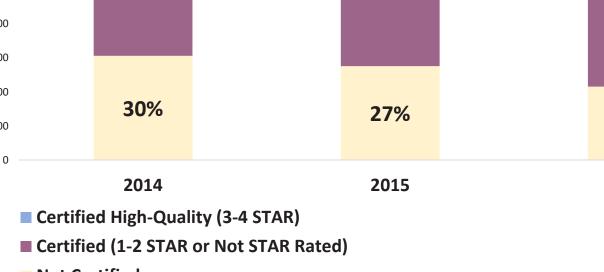
### The current share of seats that are certified has grown, representing a 4.7 percentage point increase from 2015, and a 7.8 percentage point increase from 2014. Among certified seats, this also represents a steady increase in the share of high-quality childcare seats in the city in 2016, a 5.5 percentage point increase from 2015, and an 8.9

percentage point increase from 2014.











Change in Relative Shortage, '

53 - 63

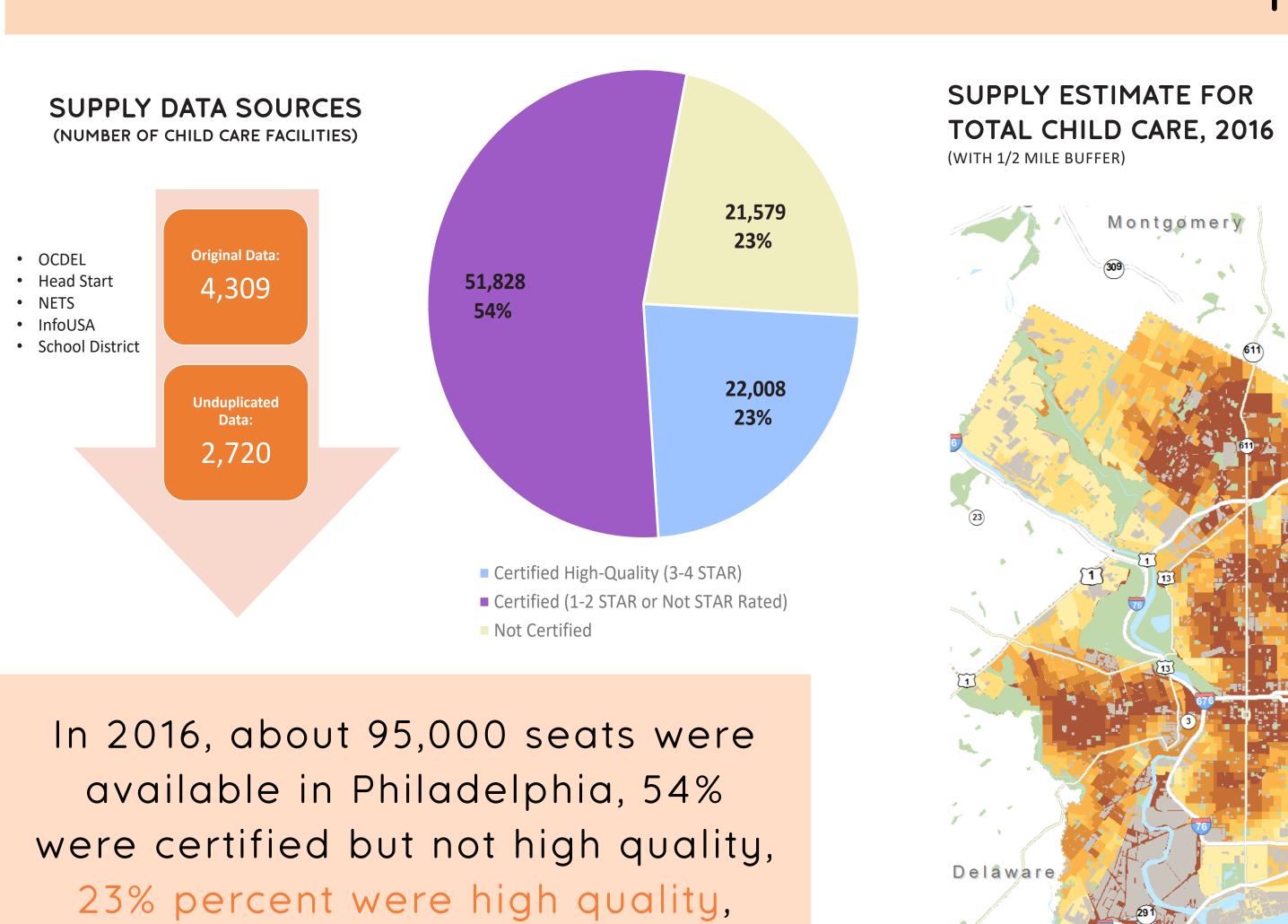
## Supply

Greater than 122

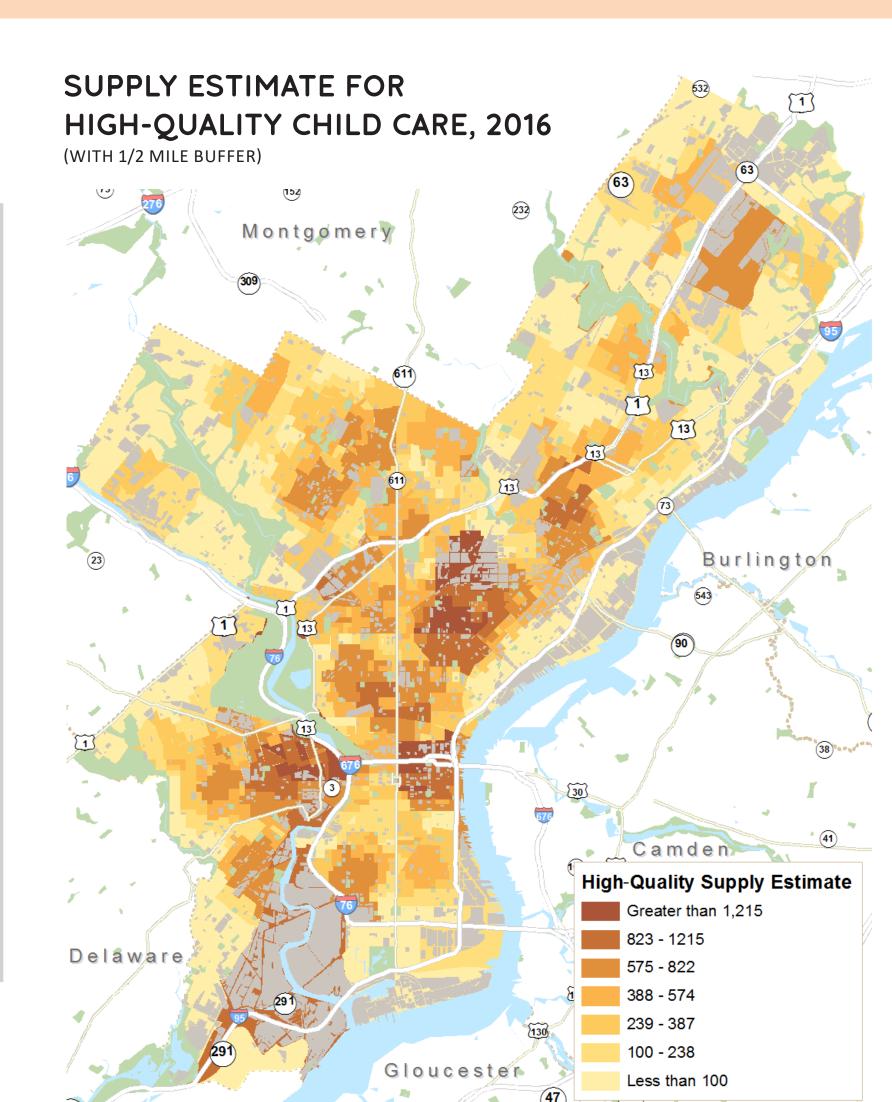
Demand

PROJECTED POPULATION OF

CHILDREN UNDER FIVE, 2016



and 23% were uncertified.



Childcare Demand 2016

Greater than 5,000

## WHAT IS FUND FOR QUALITY?

Fund for Quality (FFQ) is a partnership between Reinvestment Fund and Public Health Management Corporation (PHMC), supported by funding from the William Penn Foundation. Through the provision of business planning support and facilities-related financing, Fund for Quality supports high-quality early care and education providers with expanding their services to reach more low-income families.

## HOW DOES THE CHILDCARE ANALYSIS INFORM FFQ?

Fund for Quality

The results of the gap analysis is a component of the FFQ selection process. As part of the application underwriting process, a location score is calculated to assess the needs of the proposed community location. The following criteria were integrated

- Absolute shortage All Seats
- Number of low wage workers

# -Fund for Quality-

High-Quality

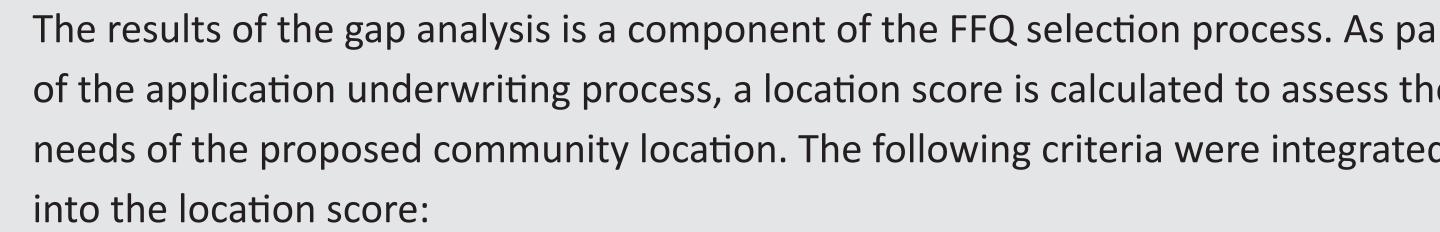
# OUTCOMES

Larger than expected gap

Since 2014, FFQ has created a \$2 nd to support current and future expansion projects. Accomplishments, to date, include:

- Supported the expansion of 16 high-quality centers
- Created almost 90 ts to date, with 200 slots in process, and an additional 1
- Created 50 full-time jobs and 11 part-time jobs
- Over 80% of the created seats are occupied by children in low-income families

Visit www.fundforquality.org for more information.



- Absolute shortage High Quality Seats
- Percent of families in poverty