



FIRST THINGS FIRST

Ready for School. Set for Life.

School Readiness Indicators 2020 Phoenix/Maricopa Benchmark Summary – Indicator #2

Indicator 2	Number/Percentage of children enrolled in an early care and education program with a Quality First rating of 3-5 stars
Intent:	Increase the number of children with access to affordable high quality early learning programs

Key Definitions:

Quality First Star Rating 1- 5 stars (see attachment- QF Rating Scale)

Quality First Child Enrollment: Number of children birth to age 5 enrolled in Quality First programs. Includes part time, and full time children

Benchmark Data Source:

Data sources considered for this indicator include:

- First Things First Quality First Rating data
- Child Care Resource and Referral (CCR&R) database
- Head Start – Program Information Report
- Market Rate Survey 2012 (Department of Economic Security)

Data source selected:

- A. First Things First Quality First Rating data is collected annually. This data was identified as the best data source for this indicator because consistent data are available for all regions.
- B. Market Rate Survey 2012 (Department of Economic Security)

- **Numerator:** Number of children enrolled in an early care and education program (centers and homes) with a Quality First rating of 3-5 Stars
- **Denominator A:** Number of children enrolled in an early care and education program (centers and homes) with a Quality First rating of 1-5 stars
- **Denominator B:** Number of Arizona children in regulated early care and education centers and homes

Baseline (State and Region):

Baseline A (based on Denominator A)

- **2013:** In Arizona, **23% (10,559)** of all children (birth-5 years) enrolled in Quality First ($N = 45,967$) are in an early care and education program with a Quality First rating of 3-5 stars
- **2013:** In Phoenix/Maricopa County-based regions, **22% (6,668)** of all children (birth-5 years) enrolled in Quality First are in an early care and education program with a Quality First rating of 3-5 stars

Baseline B (based on Denominator B)

- **2013:** In Arizona, **9% (10,559)** of all children (birth-5 years) enrolled in a regulated early care and education program are in a Quality First program with rating of 3-5 stars
- **2013:** In Phoenix/Maricopa County-based regions, **9% (6,668)** of all children (birth-5 years) enrolled in a regulated early care and education program are in a Quality First program with rating of 3-5 stars

Benchmark 2020 (State and Region):

Benchmark A (based on Denominator A)

- **State Year 2020:** *In progress*

Region Benchmark A for 2020: Increase by [] % over baseline

- **Region Year 2020:** In Phoenix/Maricopa County-based regions, **XX% (XX)** children will be enrolled in an early care and education program with a Quality First rating of 3-5 stars

Benchmark B (based on Denominator B)

State Benchmark B for 2020: Increase by 20% over baseline

- **State Year 2020:** In Arizona, **29% (33,462)** children will be enrolled in an early care and education program with a Quality First rating of 3-5 stars

Region Benchmark for 2020: Increase by [] % over baseline

- **Region Year 2020:** In Phoenix/Maricopa County-based regions, **XX% (XX)** children will be enrolled in an early care and education program with a Quality First rating of 3-5 stars

Key Measures to Monitor (sub-measures):

Recommended:

1. Number of regulated homes/centers at each rating level
2. Number of programs enrolled in Quality First
3. Number of children in regulated homes/centers at each rating level
4. Number of slots in Quality First homes/centers

Phoenix/Maricopa Regions (excluding tribal regions)	2013
Percentage in relation to QF child enrollment (Baseline A)	
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	6668 (123 providers)
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	29921(459 providers)
Percentage of children in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	22%
Number of children in 1-2 star rated Quality First Providers	23253 (336 providers- 18 at 1 star and 318 at 2 star)
Percentage in relation to children in regulated early care and education programs (Baseline B)	
Number of children (0-5yrs) in regulated care (DES Market Rate Survey 2012)	75,628
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	6668
Percentage of children in 3-5 star rated Quality First providers against children in regulated care	9%



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School Readiness Indicators 2020 Phoenix/Maricopa Regional Level Benchmark Summary

Indicator #10:	Percentage of families who report they are competent and confident about their ability to support their child’s safety, health and well-being.
Intent:	Increase the number of families who report they are competent and confident to support their child’s safety, health and well-being.

Data sources considered:

- First Things First 2012 Family and Community Survey

Data sources recommended for Benchmark:

- First Things First Family and Community Survey data is collected every three years. The Family and Community Survey is designed to measure many critical areas of parent knowledge, skills, and behaviors related to their young children. The survey contains over sixty questions, some of which were drawn from the national survey, *What Grown-Ups Understand About Child Development*¹. Survey items explore multiple facets of parenting. There are questions on overall knowledge of the importance of early childhood, questions which gauge parent knowledge of specific ages and stages, parent behaviors with their children, as well as parent practices related to utilization of services for their families.

For the purpose of the development of Indicator 10 composite score, a sub-set of nine items was selected (see table 1 below for Indicator 10 measure). These nine items were selected because they encompass parent knowledge, parent self-report of their own levels of competency and confidence around the parenting of their young children, and parent behaviors, all of which are of key importance to support a young child’s safety, health and well-being. Five of the items selected are *knowledge-based questions* that directly assess a parent’s level of knowledge of key developmental areas. Two of the items selected specifically ask parents *to rate their level of competency and confidence* in their ability to support their child’s learning, cognitive development, safety, health and overall well-being. Lastly, two items inquire about *parent behaviors* around the key early literacy activities of reading, telling stories and singing songs with their children. The table below (2) presents the cut points used for each of the 9 items. Six or more responses (out of nine) meeting the cut point was the composite score criteria. The scoring was determined based on the national survey key and on early childhood development research and best practice.

¹ CIVITAS Initiative, ZERO TO THREE, and BRIO Corporation, Researched by DYG, Inc. 2000. What Grown-ups Understand About Child Development: A National Benchmark Survey.

Table 1: Indicator 10 Measure		
Knowledge-based questions	Parent's self-rating of competency and confidence	Parent behaviors
(01) When do you think a parent can begin to significantly impact a child's brain development?	(06) I am competent and confident about my ability to support my child's safety, health, and well-being.	(08) During the past week, how many days did you or other family members read stories to your child/children?
(02) At what age do you think an infant or young child begins to really take in and react to the world around them?	(07) I am competent and confident about my ability to support my child's learning and cognitive development.	(09) During the past week, how many days did you or other family members tell stories or sing songs to your child/children?
(03) At what age do you think a baby or young child can begin to sense whether or not his parent is depressed or angry, and can be affected by his parent's mood?		
(04) Children's capacity for learning is pretty much set from birth and cannot be greatly increased or decreased by how the parents interact with them.		
(05) In terms of learning about language, children get an equal benefit from hearing someone talk on TV versus hearing a person in the same room talking to them.		

Table 2: Data Summary											
		Knowledge-based questions					Parent's self-rating of competency and confidence		Parent behaviors		
	Sample size	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Baseline: Percentage competent and confident
Cut Points		Prenatal	Right from birth	Up to 1 month	Definitely False	Definitely False	Strongly agree	Strongly agree	6 or 7 days	6 or 7 days	6 of 9 met
Statewide	3707	32%	35%	51%	63%	44%	93%	90%	51%	51%	42%
Central Maricopa	200	30%	34%	59%	77%	59%	89%	86%	50%	61%	44%
Northeast Maricopa	151	35%	30%	38%	84%	59%	94%	85%	67%	59%	52%

Northwest Maricopa	197	27%	32%	56%	68%	45%	90%	79%	54%	53%	44%
Southeast Maricopa	200	34%	45%	49%	67%	50%	95%	87%	57%	57%	49%
Southwest Maricopa	150	31%	36%	46%	50%	28%	99%	85%	44%	47%	31%
Central Phoenix	202	32%	30%	46%	53%	30%	91%	92%	42%	52%	30%
North Phoenix	200	26%	30%	59%	64%	42%	94%	91%	39%	43%	34%
South Phoenix	200	35%	29%	42%	45%	17%	90%	89%	28%	42%	28%

Baseline (2012 Family and Community Survey):

Central Maricopa: 44% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Northeast Maricopa: 52% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Northwest Maricopa: 44% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Southeast Maricopa: 49% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Southwest Maricopa: 31% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Central Phoenix: 30% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

North Phoenix: 34% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

South Phoenix: 28% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

State: 42%² of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Benchmark 2020:

Central Maricopa: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Northeast Maricopa: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Northwest Maricopa: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Southeast Maricopa: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Southwest Maricopa: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Central Phoenix: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

North Phoenix: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

South Phoenix: XX% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

State: 52% ² of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

² State baseline for Indicator 10 was 63% and benchmark was set at 73% (10 % increase) initially; however after correcting for data skewness (including weighting) the new baseline for state is 42%. We are in the process of working with state advisory committee and FTF board to reset the benchmark. The 52% state benchmark presented here is based on the 10% increase that was set as target.