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**School Readiness Indicators
2020 Central Pima Indicator #2 Benchmark Summary**

Central Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	767 (22 providers)
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	3304 (81 providers)
Percentage of children in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	23%
Number of children in 1-2 star rated Quality First Providers	2537 (59 providers)
Percentage in relation to children in regulated early care and education programs (Baseline B)	
Number of children (0-5yrs) in regulated care in Pima County (District 2 - DES Market Rate Survey 2012)	18,722
Number of children (0-5yrs) in regulated care in Central Pima County (33.3% of all in District 2 -- DES Market Rate Survey 2012)	~6241
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	767
Percentage of children in 3-5 star rated Quality First providers against children in regulated care	12%
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	1276 (60% at license capacity)
License capacity of 1-5 star rated Quality First providers	4928
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	3304
Percentage of licensed capacity for enrollment met	67%

Proposed percentage increase for SFY 2020 (Denominator A)	Target total number of children in 3-5 star in 2020	Est. children increased to meet benchmark or children in 3-5 star rating in 2020	Proposed percentage increase for SFY 2020 (Denominator B)
23%	767	0	12%
40% (~20 % increase from baseline)	1322	555	21%
50% (~30 % increase from baseline)	1652	885	26%
60% (~40 % increase from baseline)	1982	1215	32%
70% (~50 % increase from baseline)	2313	1546	37%
80% (~60 % increase from baseline)	2643	1876	42%
90% (~70 % increase from baseline)	2974	2207	48%
100% (~80 % increase from baseline)	3304	2537	53%



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**School Readiness Indicators
2020 North Pima Indicator #2 Benchmark Summary**

North Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	621 (12 providers)
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	2184 (31 providers)
Percentage of children in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	28%
Number of children in 1-2 star rated Quality First Providers	1563 (19 providers)
Percentage in relation to children in regulated early care and education programs (Baseline B)	
Number of children (0-5yrs) in regulated care in Pima County (District 2 - DES Market Rate Survey 2012)	18,722
Number of children (0-5yrs) in regulated care in North Pima County (33.3% of all in District 2 -- DES Market Rate Survey 2012)	~6241
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	621
Percentage of children in 3-5 star rated Quality First providers against children in regulated care	10%
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	899 (69% at license capacity)
License capacity of 1-5 star rated Quality First providers	3003
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	2184
Percentage of licensed capacity for enrollment met	73%

Proposed percentage increase for SFY 2020 (Denominator A)	Target total number of children in 3-5 star in 2020	Est. children increased to meet benchmark or children in 3-5 star rating in 2020	Proposed percentage increase for SFY 2020 (Denominator B)
28%	621	0	10%
40% (~20 % increase from baseline)	874	253	14%
50% (~30 % increase from baseline)	1092	471	17%
60% (~40 % increase from baseline)	1310	689	21%
70% (~50 % increase from baseline)	1529	908	24%
80% (~60 % increase from baseline)	1747	1126	28%
90% (~70 % increase from baseline)	1966	1345	32%
100% (~80 % increase from baseline)	2184	1563	35%



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**School Readiness Indicators
2020 South Pima Indicator #2 Benchmark Summary**

South Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	627 (24 providers)
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	2854 (72 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	2227 (48 providers)
Percentage in relation to children in regulated early care and education programs (Baseline B)	
Number of children (0-5yrs) in regulated care in Pima County (District 2 - DES Market Rate Survey 2012)	18,722
Number of children (0-5yrs) in regulated care in South Pima County (33.3% of all in District 2 -- DES Market Rate Survey 2012)	~6241
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	627
Percentage of children in 3-5 star rated Quality First providers against children in regulated care	10%
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	768 (82% at license capacity)
License capacity of 1-5 star rated Quality First providers	3482
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	2854
Percentage of licensed capacity for enrollment met	82%

Proposed percentage increase for SFY 2020 (Denominator A)	Target total number of children in 3-5 star in 2020	Est. children increased to meet benchmark or children in 3-5 star rating in 2020	Proposed percentage increase for SFY 2020 (Denominator B)
22%	627	0	10%
40% (~20 % increase from baseline)	1142	515	18%
50% (~30 % increase from baseline)	1427	800	23%
60% (~40 % increase from baseline)	1712	1085	27%
70% (~50 % increase from baseline)	1998	1371	32%
80% (~60 % increase from baseline)	2283	1656	37%
90% (~70 % increase from baseline)	2569	1942	41%
100% (~80 % increase from baseline)	2854	2227	46%



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School Readiness Indicators 2020 Pima 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)¹

- **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

¹ Early care and education programs who do not charge for care are not included in the market rate survey calculations. For example, a Head Start program does not charge for care and so would be an example of a licensed child care provider who is not counted in the Market Rate Survey.

- **2013:** In Pima regions, **24% (2015)** 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 Pima regions, **11% (2015)** 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 Pima region, **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 Pima region, **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

Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	2015 (58 providers)
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	8342 (184 providers)
Percentage of children in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	24%
Number of children in 1-2 star rated Quality First Providers	6327 (126 providers)
Percentage in relation to children in regulated early care and education programs (Baseline B)	
Number of children (0-5yrs) in regulated care in Pima County (District 2- DES Market Rate Survey 2012) ¹	18,722
Number of children (0-5yrs) enrolled in 3-5 star rated Quality First providers	2015
Percentage of children in 3-5 star rated Quality First providers against children in regulated care	11%
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	2943 (68% at license capacity)
License capacity of 1-5 star rated Quality First providers	11413
Number of children (0-5yrs) enrolled in 1-5 star rated Quality First providers	8342
Percentage of licensed capacity for enrollment met	73%



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**School Readiness Indicators
2020 Central Pima Indicator #3 Benchmark Summary**

Central Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) with special needs/rights enrolled in 3-5 star rated Quality First providers	150 (22 providers)
Number of children (0-5yrs) with special needs/rights enrolled in 1-5 star rated Quality First providers	237 (81 providers)
Percentage of children with special needs/rights in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	63%
Number of children with special needs/rights in 1-2 star rated Quality First Providers	87 (59 providers)
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	1276 (12% of license capacity filled by children with special needs/rights)
License capacity of 1-5 star rated Quality First providers	4928
Number of children (0-5yrs) with special needs/rights enrolled in 1-5 star rated Quality First providers	237
Percentage of licensed capacity for enrollment met	5%

Proposed percentage increase for SFY 2020	Target total number of children with special needs/rights in 3-5 star in 2020	Est. children with special needs/rights increased to meet benchmark in 2020
63%	150	0
70% (~10 % increase from baseline)	166	16
80% (~20 % increase from baseline)	190	40
90% (~30 % increase from baseline)	213	63
100% (~40 % increase from baseline)	237	87



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**School Readiness Indicators
2020 North Pima Indicator #3 Benchmark Summary**

North Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) with special needs/rights enrolled in 3-5 star rated Quality First providers	34 (12 providers)
Number of children (0-5yrs) with special needs/rights enrolled in 1-5 star rated Quality First providers	69 (31 providers)
Percentage of children with special needs/rights in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	49%
Number of children with special needs/rights in 1-2 star rated Quality First Providers	35 (19 providers)
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	899 (4% of license capacity filled by children with special needs/rights)
License capacity of 1-5 star rated Quality First providers	3003
Number of children (0-5yrs) with special needs/rights enrolled in 1-5 star rated Quality First providers	69
Percentage of licensed capacity for enrollment met	2%

Proposed percentage increase for SFY 2020	Target total number of children with special needs/rights in 3-5 star in 2020	Est. children with special needs/rights increased to meet benchmark in 2020
49%	34	0
60% (~10% increase from baseline)	41	7
70% (~20 % increase from baseline)	48	14
80% (~30 % increase from baseline)	55	21
90% (~40 % increase from baseline)	62	28
100% (~50 % increase from baseline)	69	35



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**School Readiness Indicators
2020 South Pima Indicator #3 Benchmark Summary**

South Pima	2013
Percentage in relation to QF child enrollment	
Number of children (0-5yrs) with special needs/rights enrolled in 3-5 star rated Quality First providers	108 (24 providers)
Number of children (0-5yrs) with special needs/rights enrolled in 1-5 star rated Quality First providers	447 (72 providers)
Percentage of children with special needs/rights in 3-5 star rated Quality First providers against all Quality First provider 1-5 star rating	24%
Number of children with special needs/rights in 1-2 star rated Quality First Providers	339 (48 providers)
Percentage in relation to QF provider license capacity	
License capacity of 3-5 star rated Quality First providers	768 (14% of license capacity filled by children with special needs/rights)
License capacity of 1-5 star rated Quality First providers	3482
Number of children (0-5yrs) with special needs/rights enrolled in 1-5 star rated Quality First providers	447
Percentage of licensed capacity for enrollment met	13%

Proposed percentage increase for SFY 2020	Target total number of children with special needs/rights in 3-5 star in 2020	Est. children with special needs/rights increased to meet benchmark in 2020
24%	108	0
40% (~20 % increase from baseline)	179	71
50% (~30 % increase from baseline)	224	116
60% (~40 % increase from baseline)	268	160
70% (~50 % increase from baseline)	313	205
80% (~60 % increase from baseline)	358	250
90% (~70 % increase from baseline)	402	294
100% (~80 % increase from baseline)	447	339



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School Readiness Indicators 2020 Pima 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%
Pima Combined	503	35%	40%	54%	55%	43%	93%	93%	54%	53%	44%
Central Pima	200	35%	40%	53%	50%	29%	92%	94%	55%	54%	40%

North Pima	153	31%	40%	52%	68%	67%	95%	95%	59%	54%	56%
Pima South	150	37%	42%	55%	51%	38%	94%	93%	50%	44%	39%

Baseline (2012 Family and Community Survey):

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

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

Central Pima: 40% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

North Pima: 56% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Pima South: 39% of families report they are competent and confident about their ability to support their child’s safety, health and well-being.

Benchmark 2020:

Pima Combined (Central Pima, North Pima and Pima South county based regions): 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. (A 10% increase from statewide baseline of **42%**).

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.