

Early Childhood Redesign

Jefferson County Board of Education

January 11, 2016



Early Childhood Redesign - Quick Overview

New Grant Submitted 12/8/15 – Award Notification Late May

Current Model

- Separate Head Start classrooms
- Separate Preschool classrooms
- Separate tuition classrooms
- Limits placement of students
- Limits ECE placement
- Restricts ECE capacity
- Increases transportation cost

New Model

- Blended classes (HS, Pre-K and Tuition)
- Slots versus classes
- Cultivates student diversity/equity
- Expands student placement
- Improves ECE placement capacity
- Increases instructional time
- Improves transportation efficiency



Who do we serve in JCPS Early Childhood?

- 98% of students in Early Childhood are At Risk (Free/Reduced Lunch)
- 23% of Early Childhood students receive ECE services compared to 10% ECE for Kindergarten students
- 2% of Early Childhood are not F/R Lunch



How many eligible students are we serving?

- We serve approximately 7700 kindergarten students district-wide
- Using 67% F/R Lunch, we can approximate 5100 kindergarten students would be income eligible for JCPS Early Childhood
- This year we are serving approximately 3300 four year old students in Early Childhood

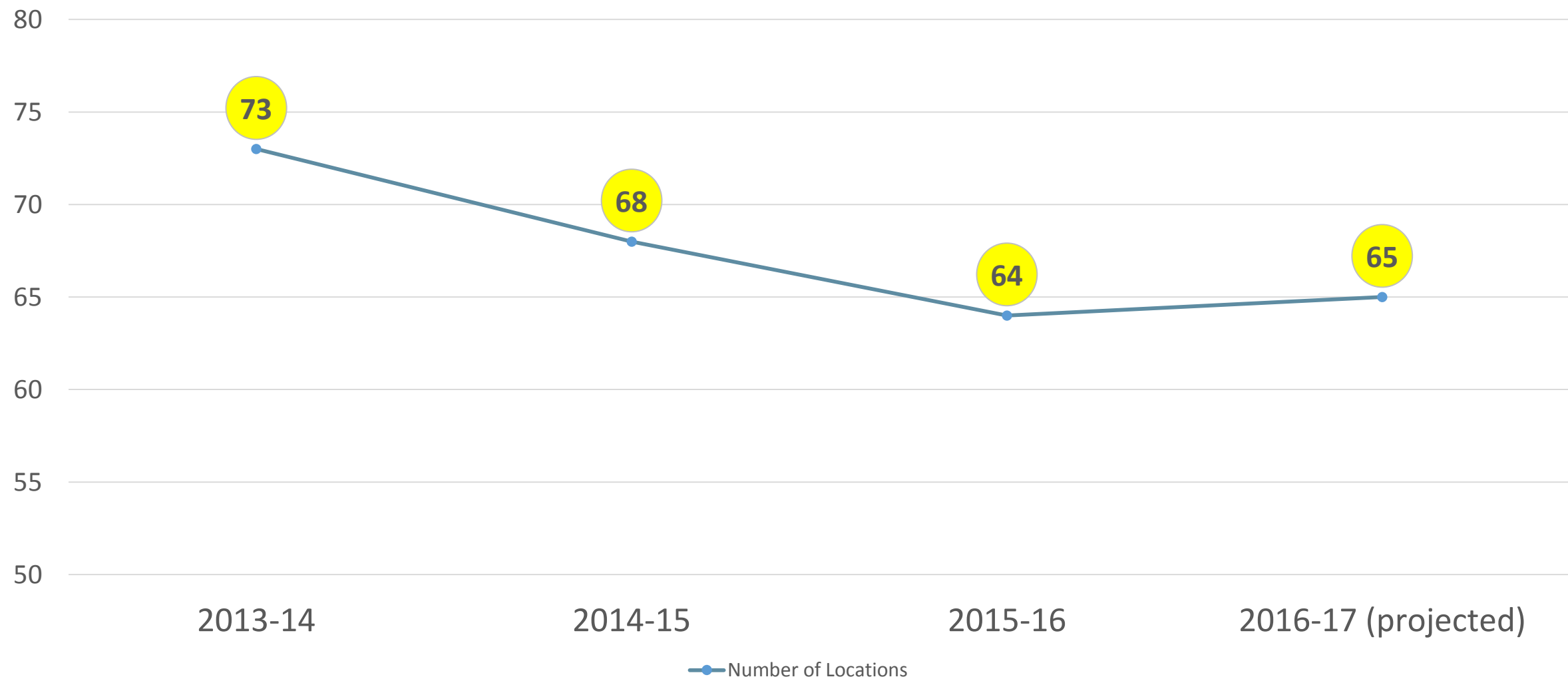


How many eligible students are we serving?

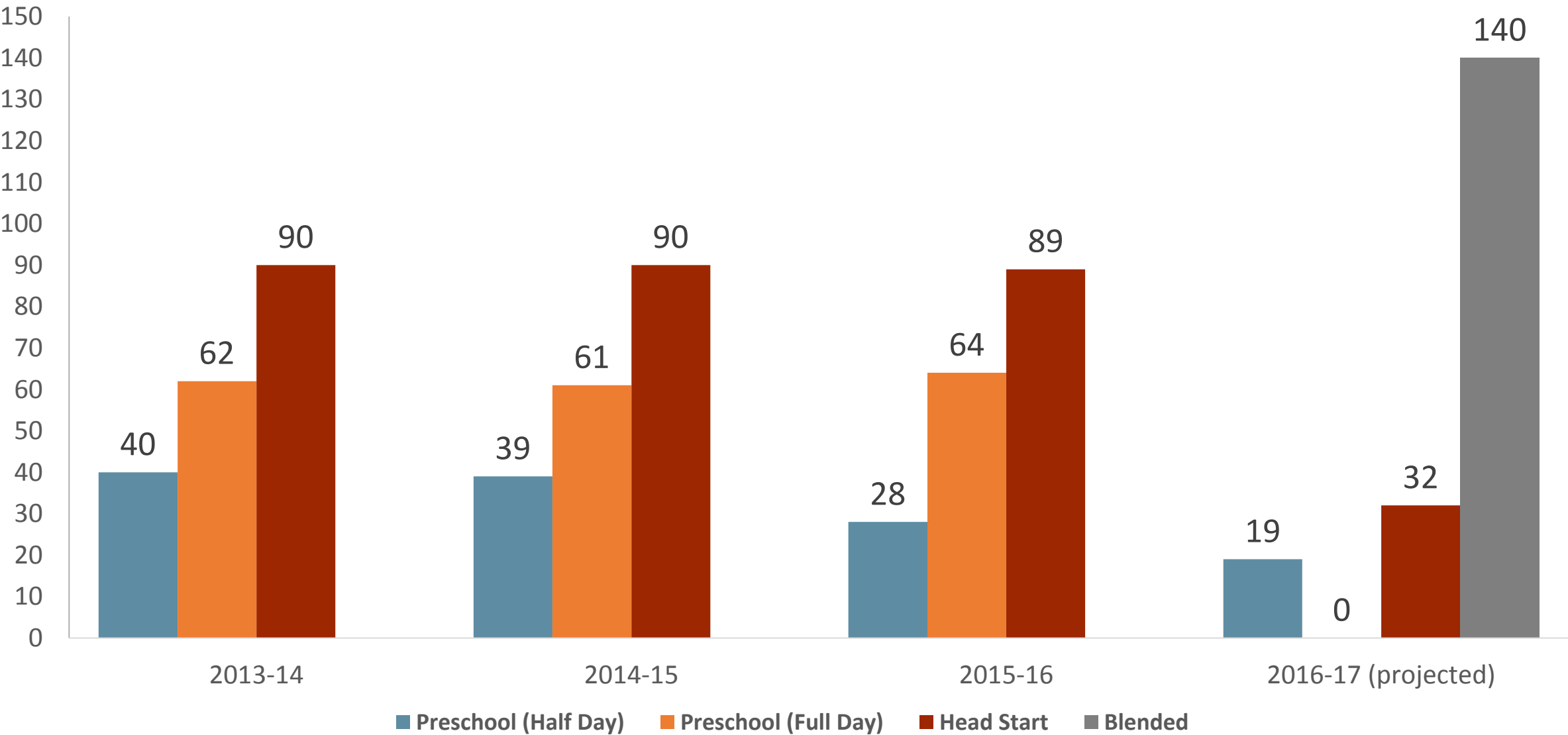
- This year we are serving 700 three year old students in Early Childhood
- JCPS Early Childhood has the capacity to serve approximately **4300** students
- To meet the needs of all income eligible 4 year olds plus the 3 year olds we are currently serving, our capacity should be between **5500** and **5800** students



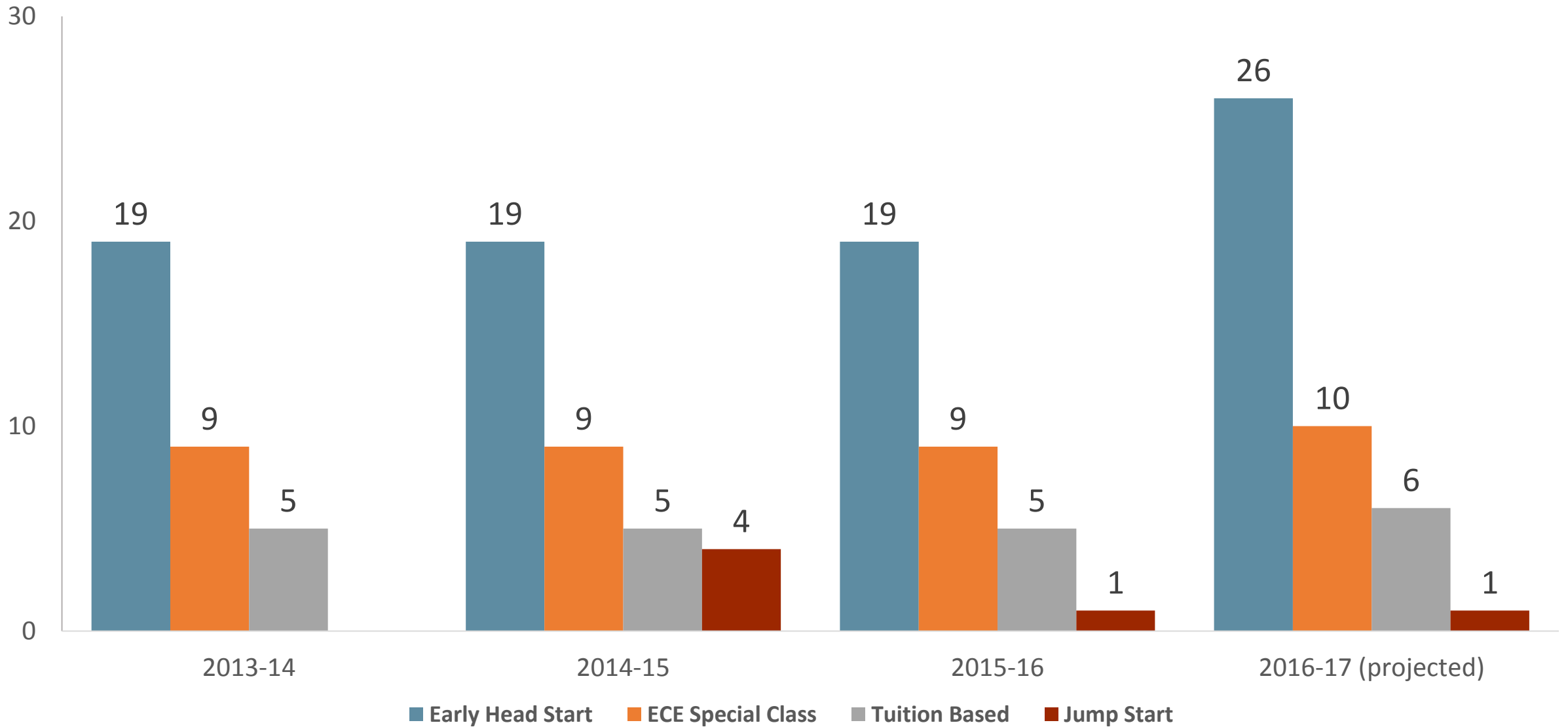
Number of Separate Early Childhood Locations

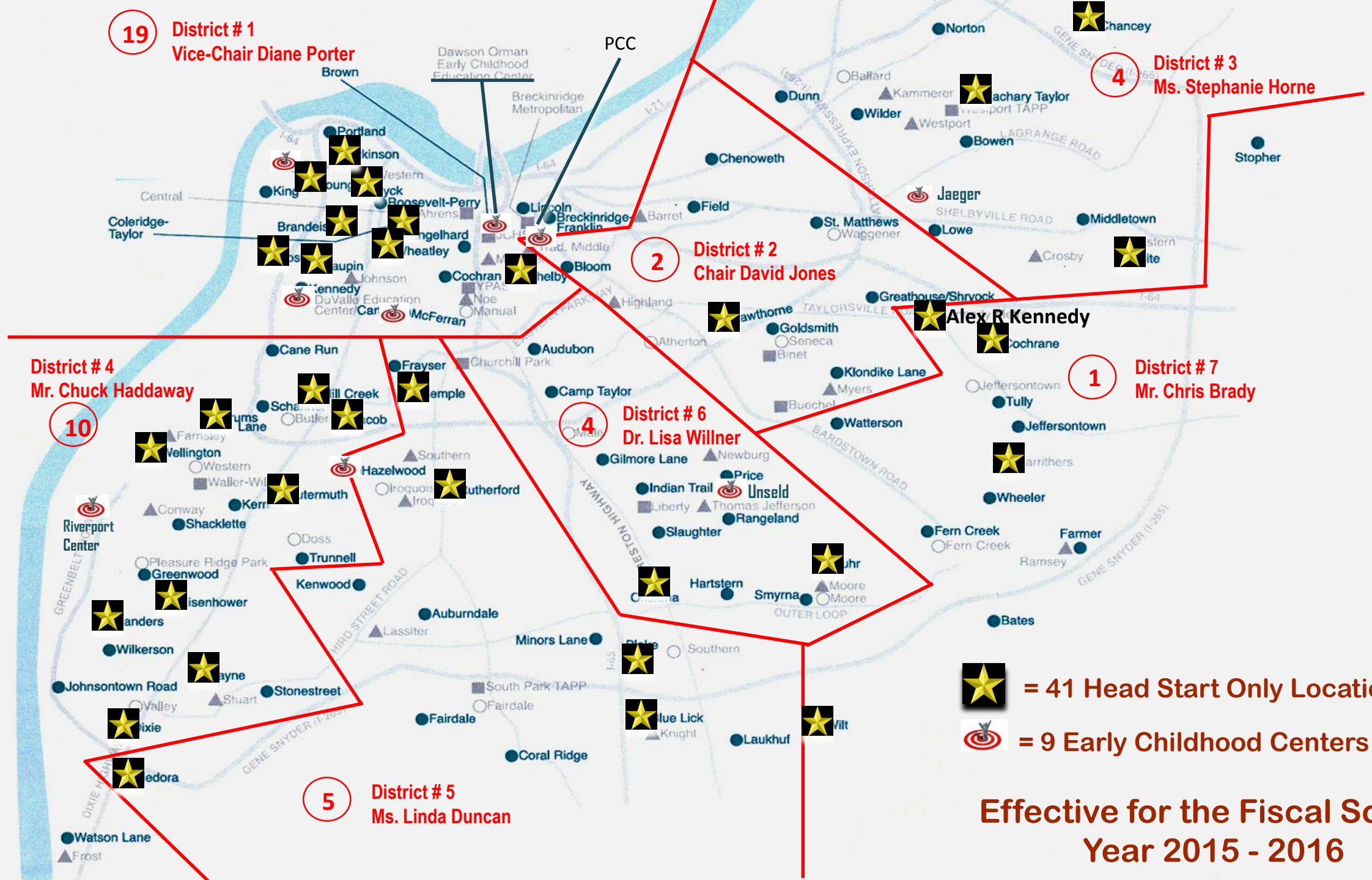


Early Childhood Redesign: Classroom Types



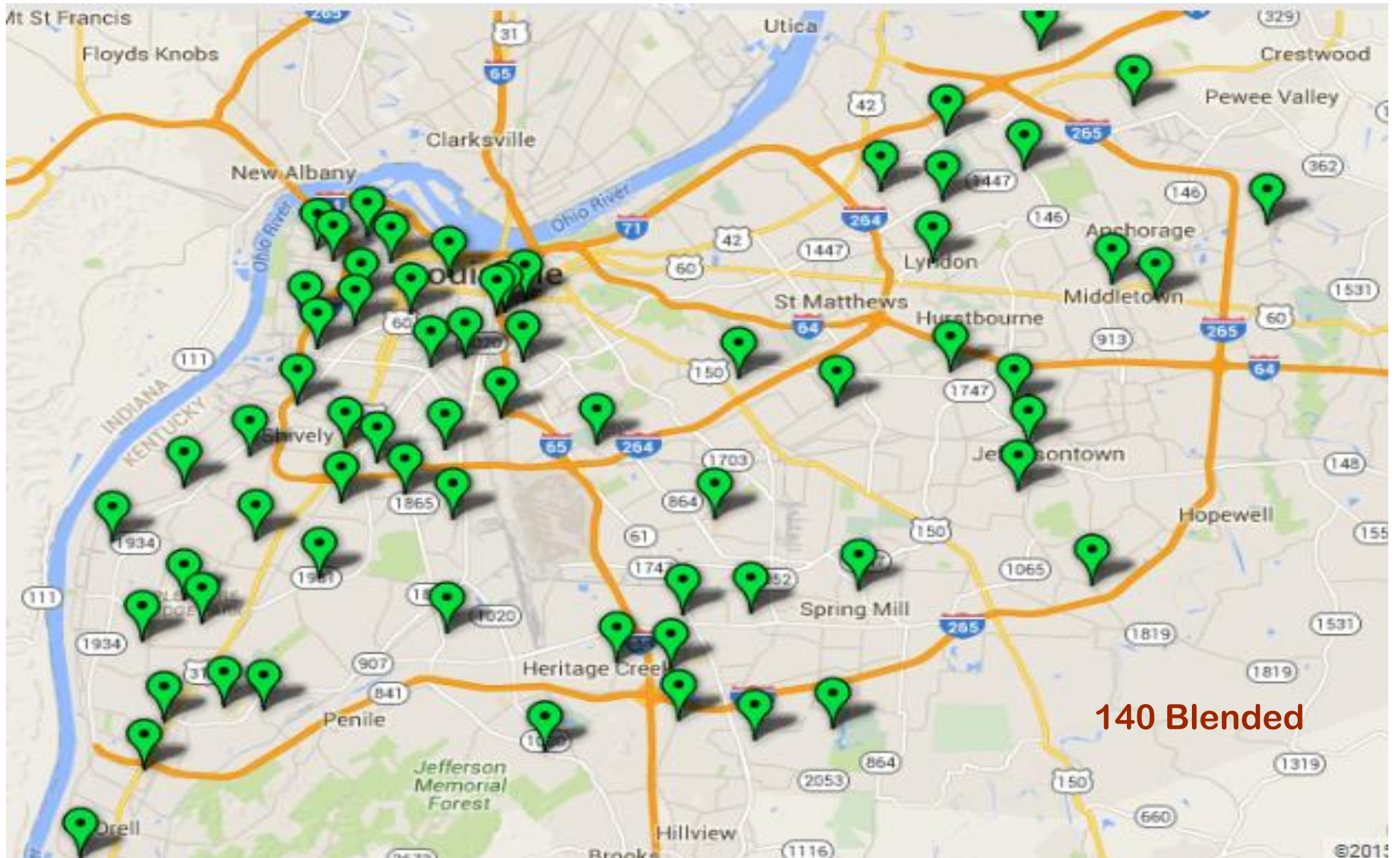
Early Childhood Redesign: Classroom Types





Effective for the Fiscal School
Year 2015 - 2016

Early Childhood Redesign – Blended Footprint



Early Childhood Redesign

Blended Classroom - Possible Makeup

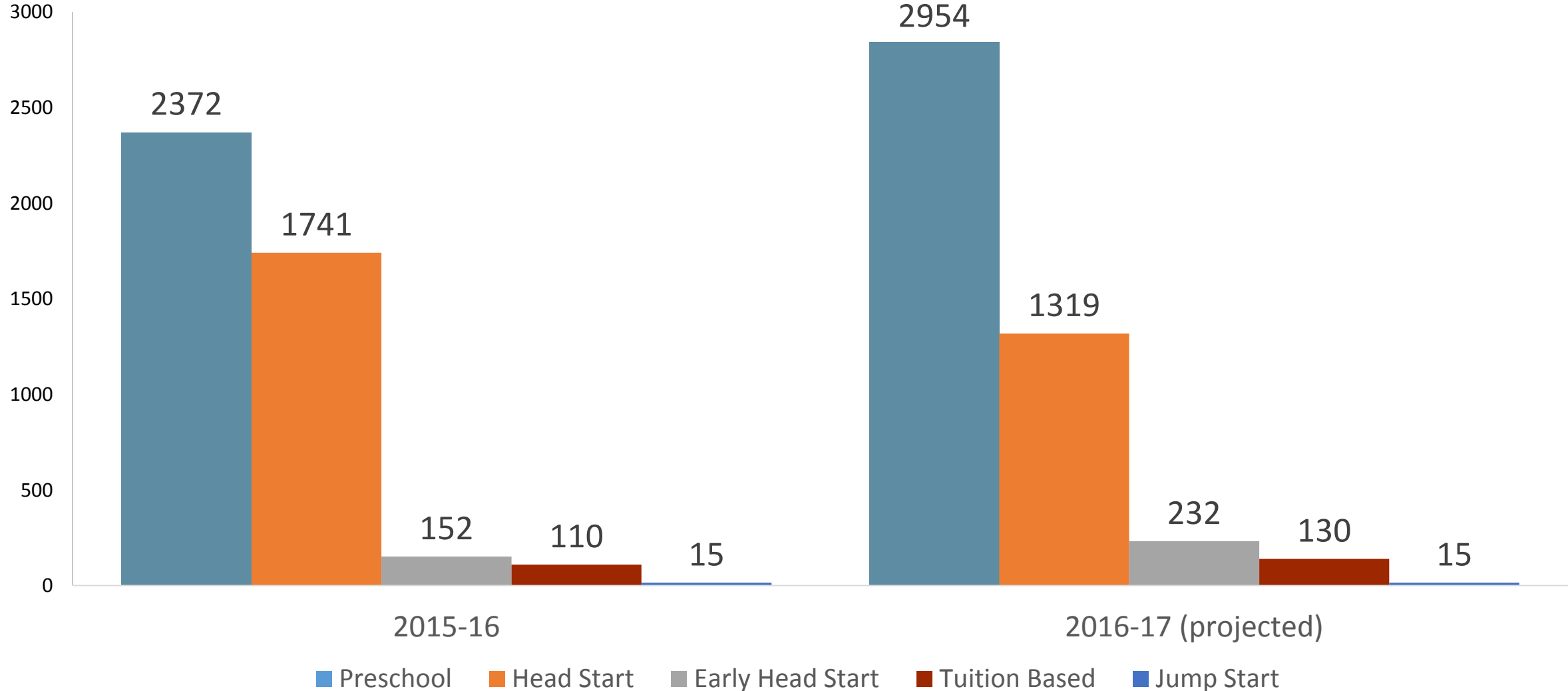
20 Students per Classroom

- 4-6 Head Start Eligible Students
- 10-14 Preschool Eligible Students
- 0-6 ECE Identified Students



Early Childhood Enrollment by Program

(as of December 1st)



Early Childhood Redesign: Classroom Staffing

Current Model

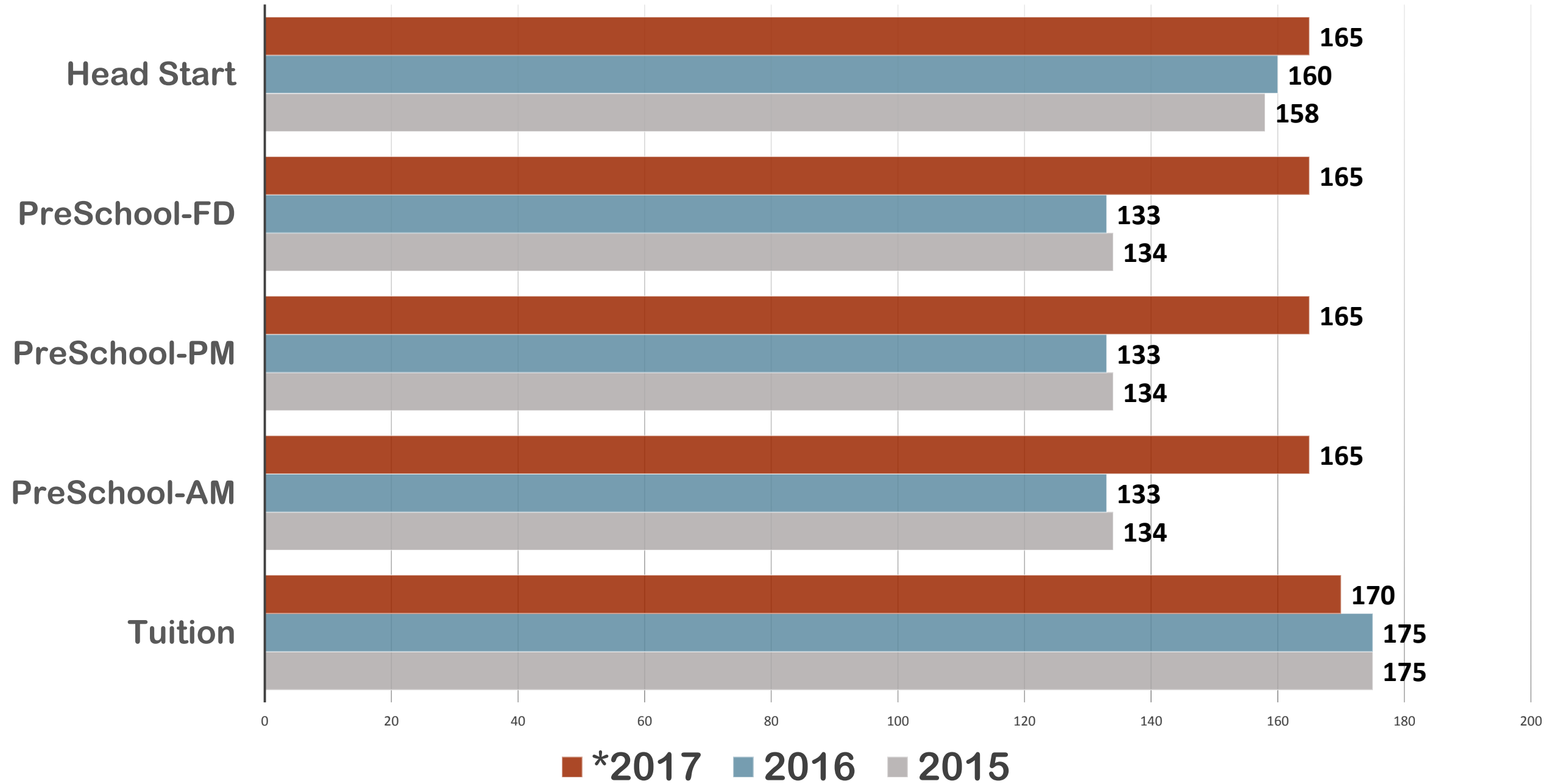
- Teacher – certified/classified
- One instructional assistant
- Bus monitor
- Staff working calendars – 8

New Model

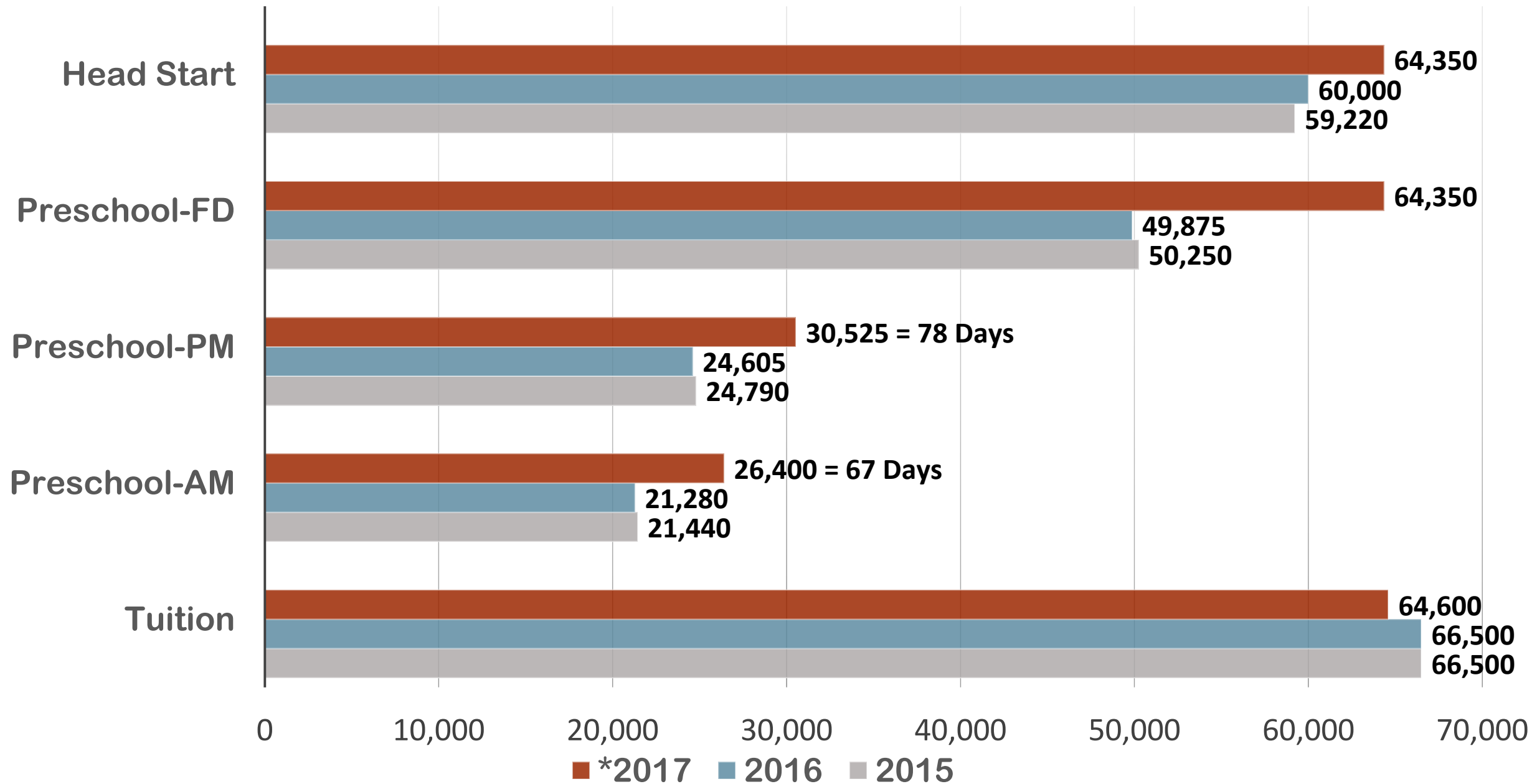
- Certified teacher – phase in
- Lead instructional assistant
- Instructional assistant
- Staggered schedules for instructional assistants
- Staff working calendars – 1



Instructional Days Per Year



Instructional Minutes Per Year



Early Childhood Redesign

Daily Schedule

- Changes start time from 9:35 to 9:45
 - ½ day AM would start at 9:45
 - ½ day PM would start at 1:15
- Changes end time from 4:10 to 4:35
 - ½ day AM would end at 12:45
 - ½ day PM would end at 4:35
- Standardizes home visit schedules for all programs
- Standardizes PD schedules for all staff



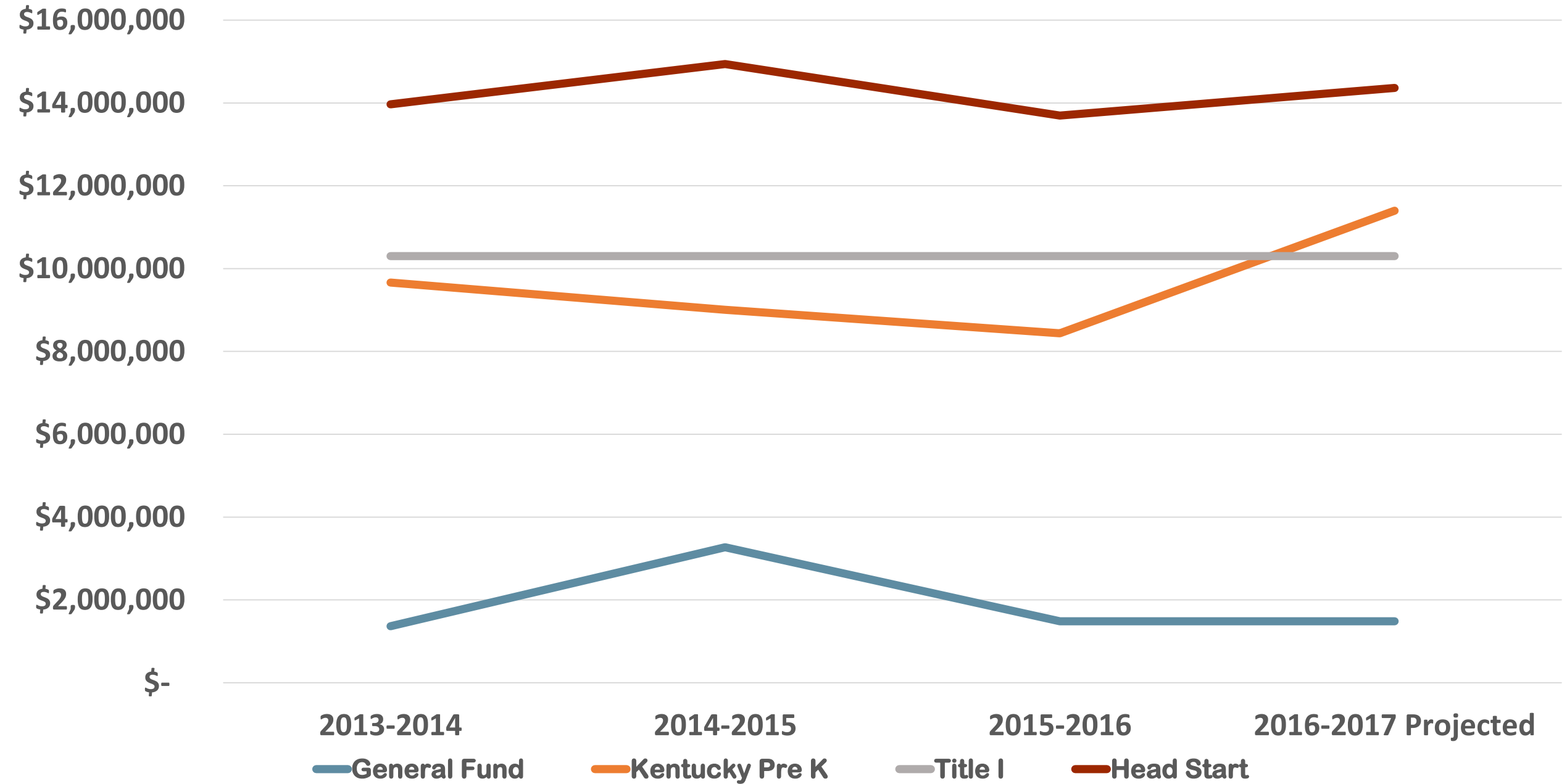
Early Childhood Redesign

Central Office Support Staff

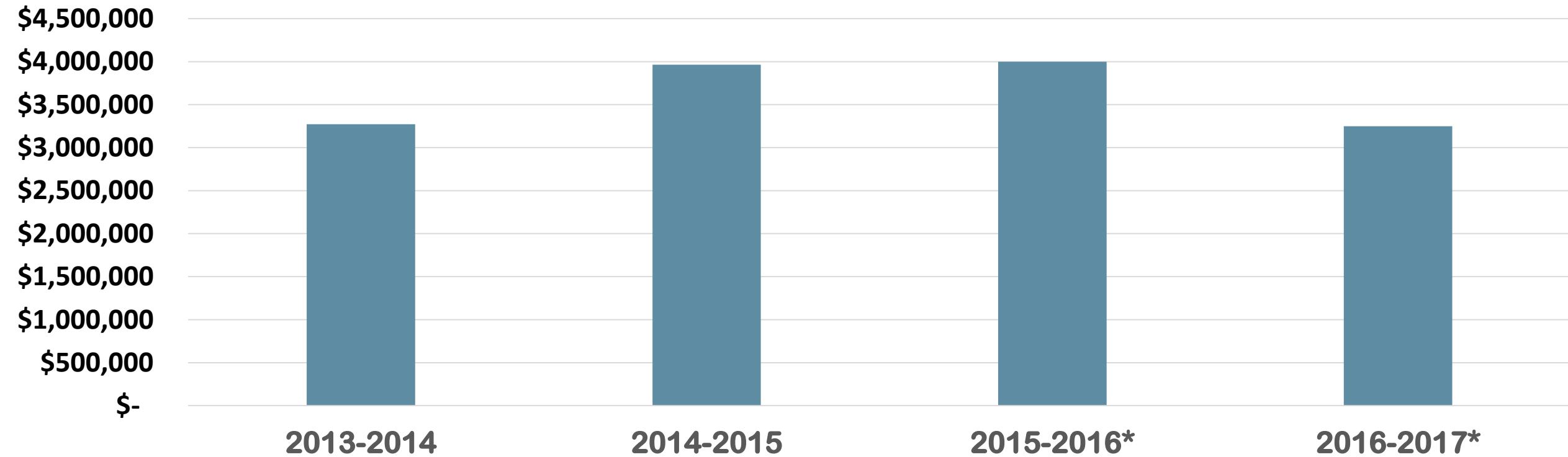
- Adopts the structure recommended by the Office of Head Start
- Dedicates an Eligibility, Recruitment, Selection, Enrollment and Attendance (ERSEA) team
- Achieves programmatic needs to better serve students and families
- Reallocates central office dollars to the classrooms
- Reassigns staff to centers – better support for classrooms and families
- Streamlines operational efficiency and productivity



Early Childhood Redesign Funding Model
Primary Funded Budget



Early Childhood Redesign - Transportation



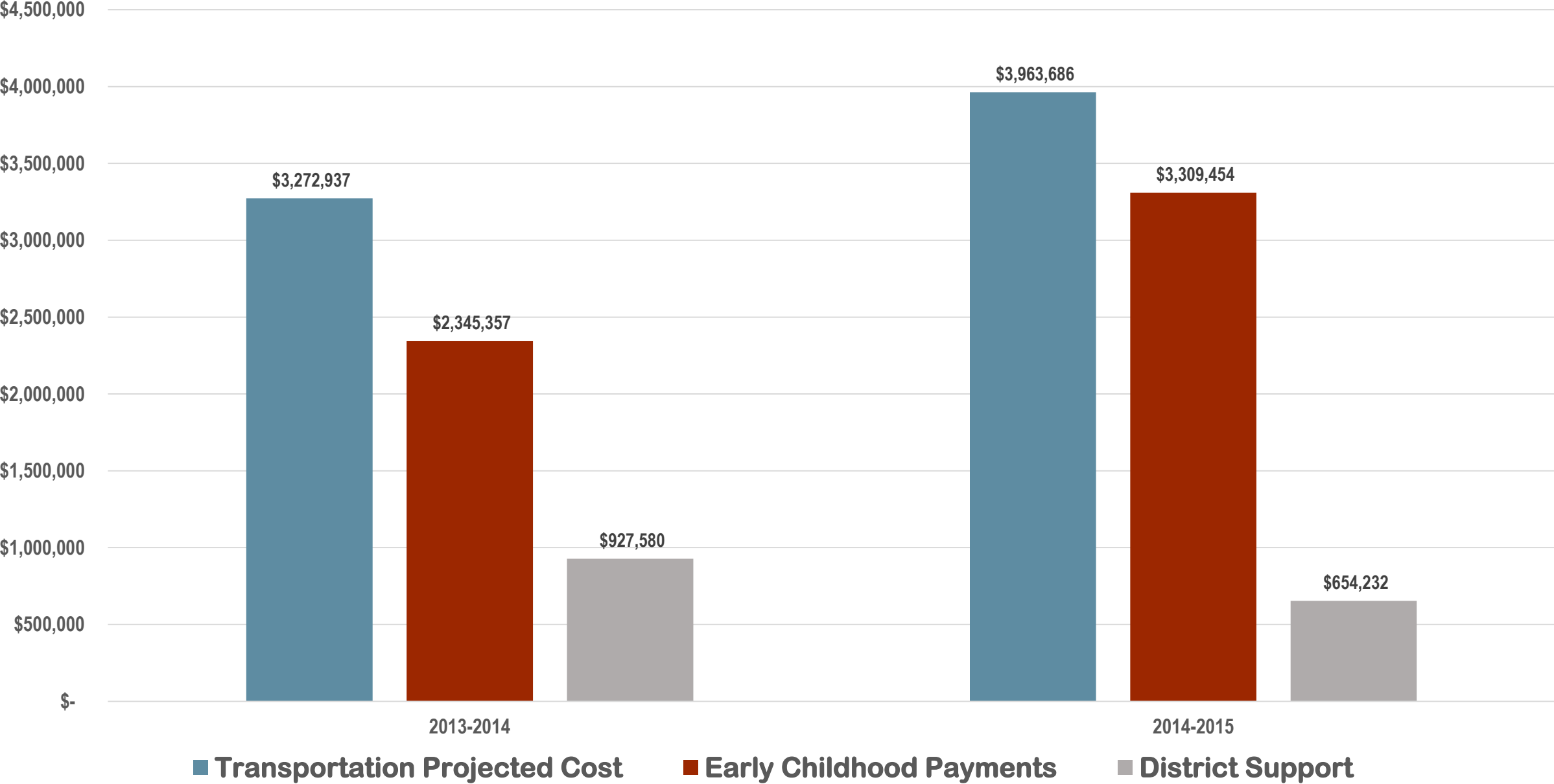
Efforts to Reduce Expenses:

- Reduce mid-day bus runs
- Eliminate multiple pick-up stops
- Blend Classrooms

* = Projected



JCPS Early Childhood Transportation Cost vs Reimbursement



Early Childhood Redesign

- Blended classrooms provide greater access for Head Start and ECE placement options
- Increases the number of full day classrooms
- Increases instructional time
- Increases enrollment, equity and student diversity
- Realigns resources with laser-like focus on school readiness
- Reduces student transportation time and cost



Early Childhood Redesign

- Standardizes start times and classroom staffing
- Improves process for teacher planning time and PLCs
- Transitions classified instructors to certified teachers
- Improves comprehensive services – expanded partnerships with Family Resource Centers
- Increases data-based decision making



Early Childhood Redesign – CLASS Data

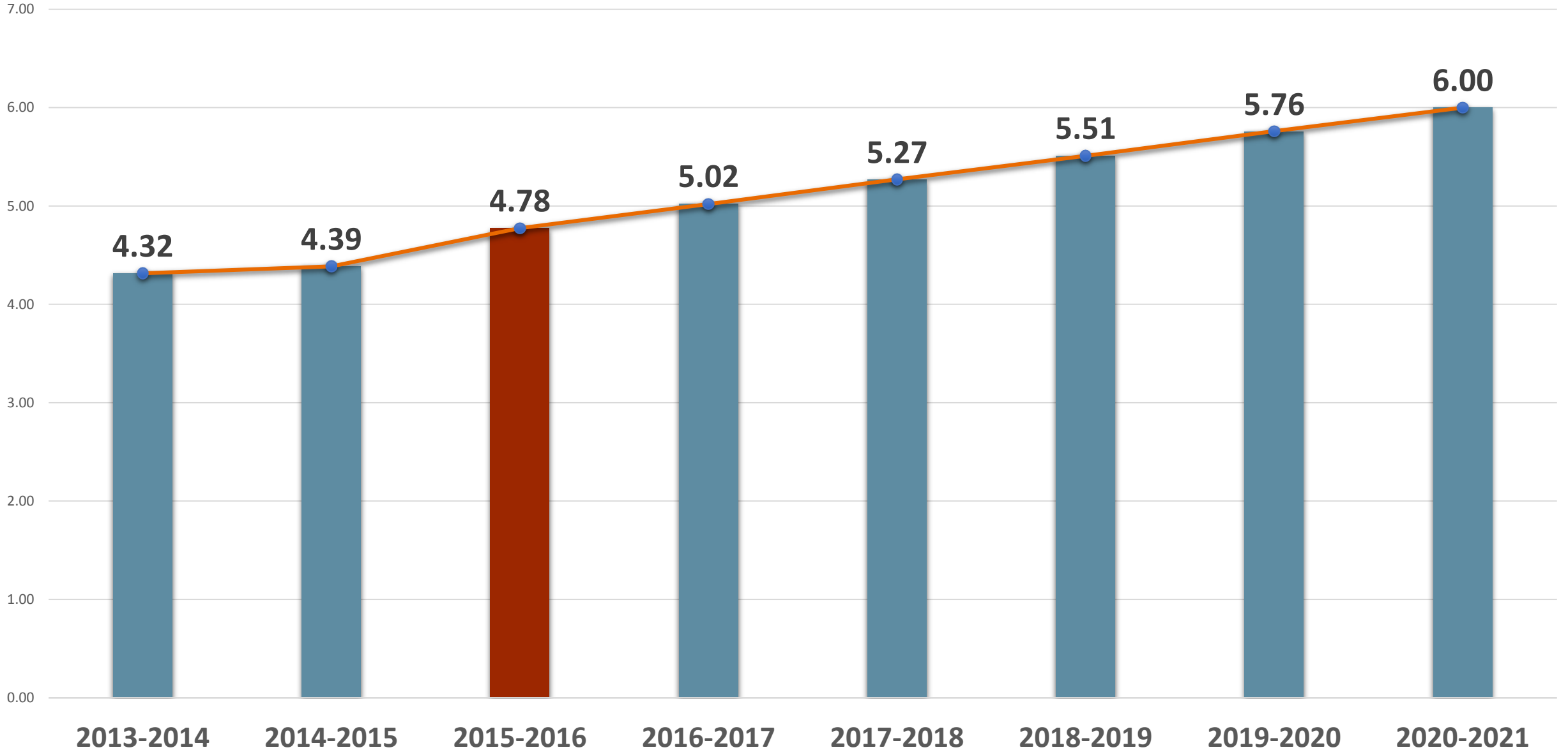
The Classroom Assessment Scoring System (CLASS) is an observation instrument that assesses the quality of teacher-child interactions:

- Consists of three domains: emotional support, classroom organization, and instructional support
- Scored by certified observers and classrooms are rated on a 7.0 scale.
- Administered twice each year
- Higher scores indicate effective teacher-child interactions
- Mandated in all Head Start programs and drives professional development



CLASS Data – Our 5 year Goal

Program Overall Average Score Projections



Note: The CLASS Program Average is the average of Emotional Support, Classroom Organization and Instructional Support combined.

BRIGANCE Results – Fall 2015

Changes in training and administration of BRIGANCE:

- **Face-to-face training (NEW for 2015-16) required by KDE on how to administer the BRIGANCE**
 - 4-hour session for new teachers, 3-hour refresher for experienced teachers
 - Required for classroom teachers, ESL teachers, ECE teachers, and ESL bilingual instructors who administer the screen
 - Purpose – to ensure greater consistency and accuracy in screen administration
- **Online video series training required by KDE on how to enter BRIGANCE data in the OMS and Prior Setting data in Infinite Campus**
 - Required for both certified and classified staff who enter data
 - Purpose – to ensure greater consistency and accuracy in data entry

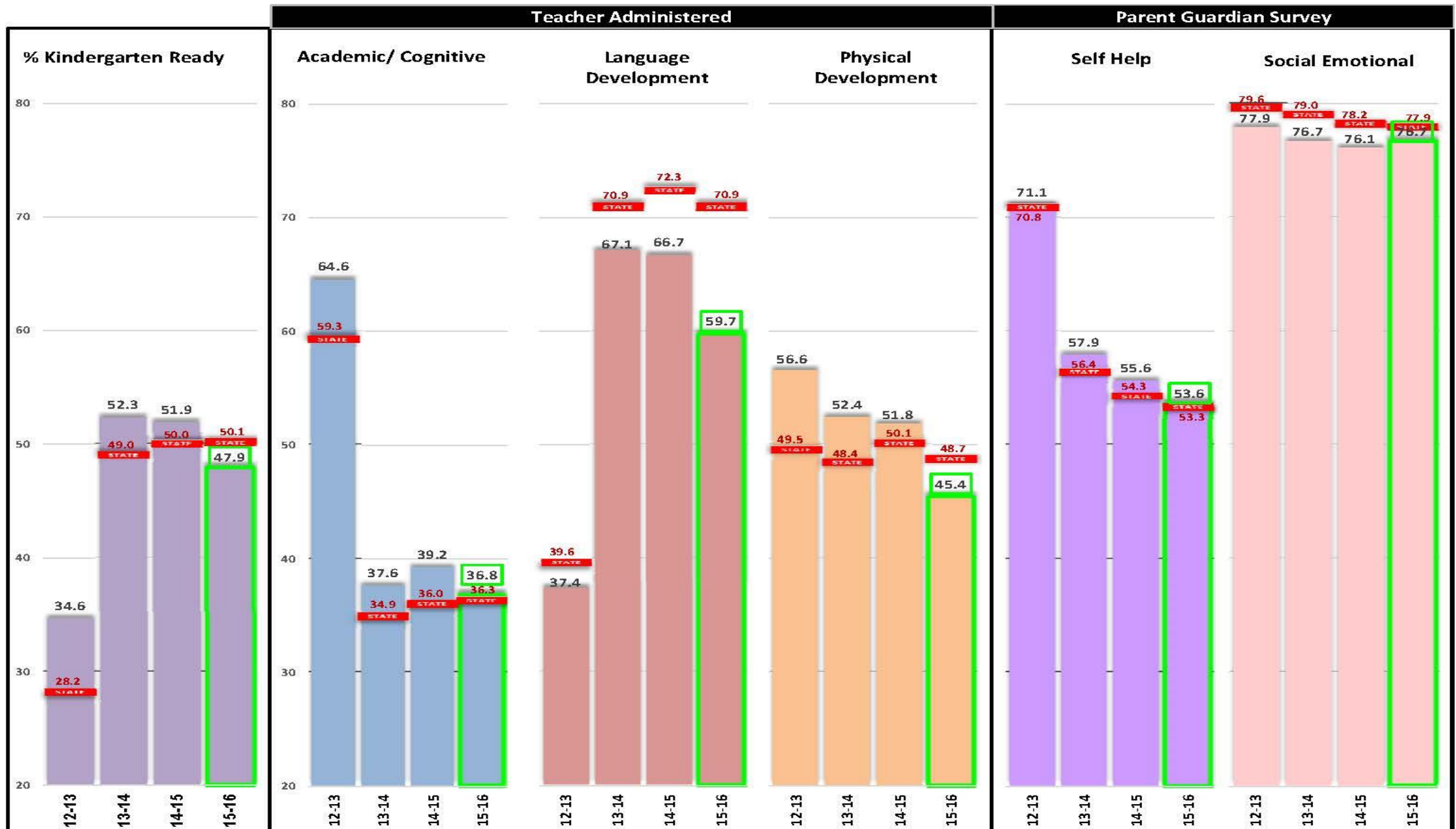


BRIGANCE Results – Trend (Fall 2013 to Fall 2015)

Demographic	2012-13 % Kindergarten Ready	2013-14 % Kindergarten Ready	2014-15 % Kindergarten Ready	2015-16 % Kindergarten Ready
All Students	34.6	52.3	51.9	47.9
STATE FUNDED Children who attend the state-funded preschool program, which, as defined in 704 KAR 3:410, provides preschool services to at-risk 4-year-olds and 3- and 4-year olds with identified special needs		48.6	49.3	47.4
HEAD START Children who attend Head Start, which provides early childhood services to 3- and 4-year old children who are at risk.		47.8	53.6	51.3
CHILD CARE Children who attend any child care or private preschool setting that is licensed by the Division of Regulated Child Care (DRCC). This includes Type 1, Type 2 and Family Certified Homes		73.8	70.7	66.9
HOME A child who is at home with a parent/guardian before entering school.		35.8	32.2	27.4
OTHER A child receiving care from one of the following: • a family member, such as grandparent, aunt, uncle, sibling • a private sitter, who is not certified, such as a neighbor, nanny or other • other early childhood setting that does not meet the above definitions		62.0	56.4	54.1
Unknown		44.1	40.0	27.6

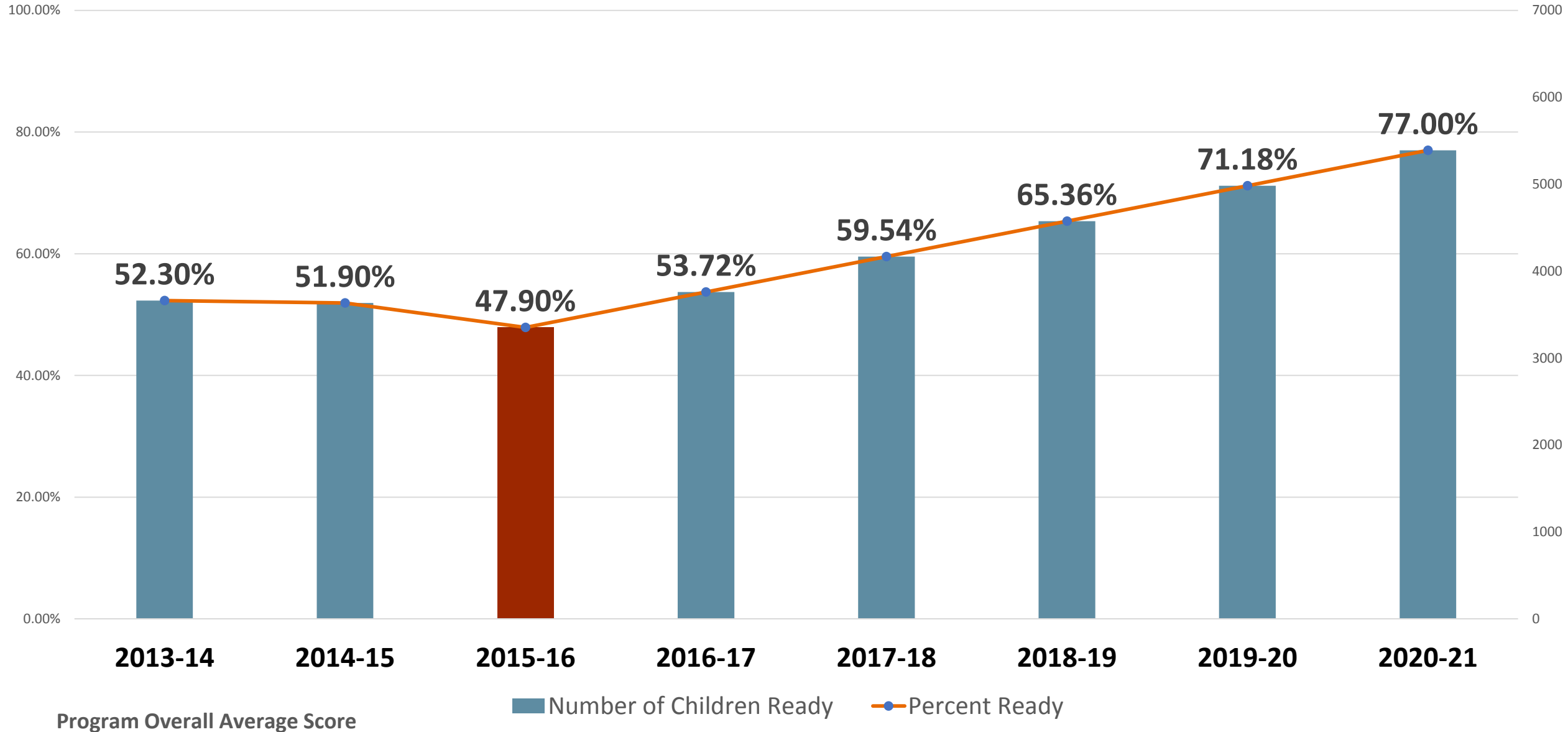
Demographic	2012-13 % Kindergarten Ready	2013-14 % Kindergarten Ready	2014-15 % Kindergarten Ready	2015-16 % Kindergarten Ready
All Students	34.6	52.3	51.9	47.9
Male	30.6	48.5	47.6	43.5
Female	38.8	56.3	56.3	52.5
White (Non-Hispanic)	40.6	60.3	58.5	54.9
African American	30.0	46.9	48.8	42.6
Hispanic	16.3	30.1	28.5	27.6
Asian	57.9	68.0	65.8	65.2
Two or more races		55.5	55.3	55.4
Limited English Proficiency	18.7	22.6	29.1	21.5
Free Reduced Price Meals	24.5	41.4	42.1	39.0
Students with Disabilities	13.0	26.3	24.5	27.1

JEFFERSON COUNTY PUBLIC SCHOOLS BRIGANCE TREND

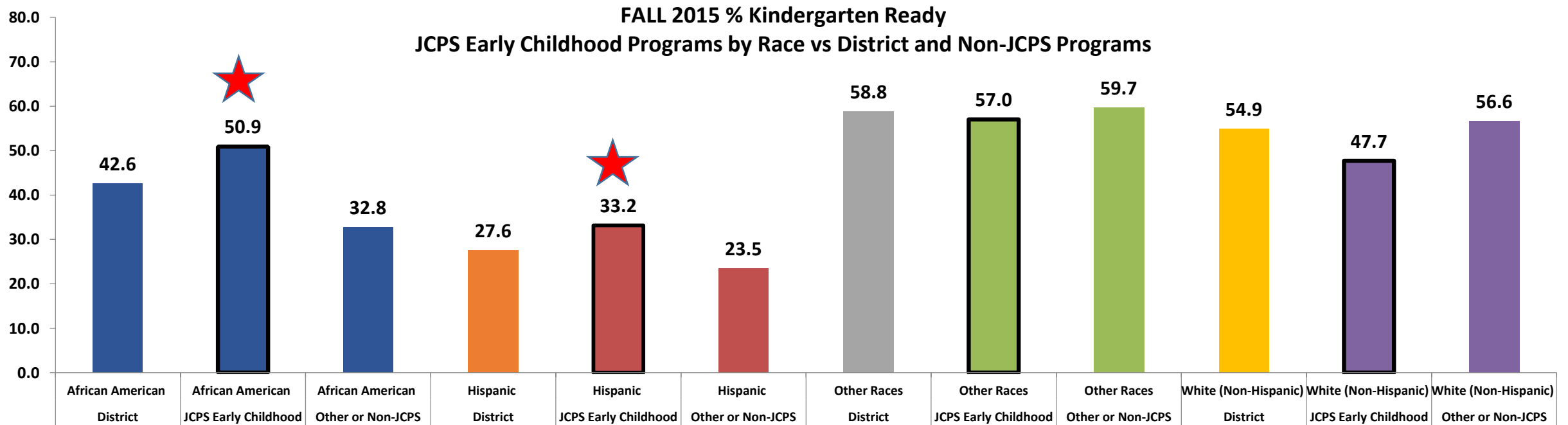
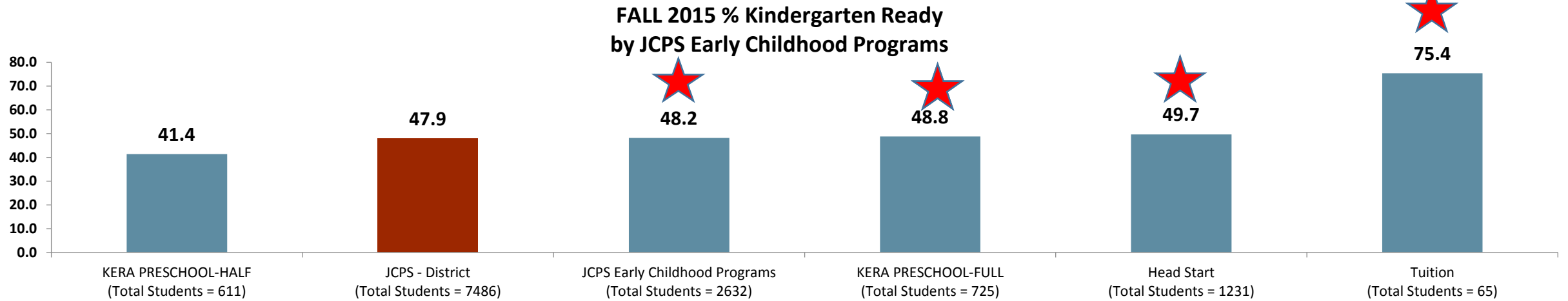


BRIGANCE Data – Our 5 Year Goal

Where we want to be in JCPS Early Childhood



Fall 2015 Brigrance Results for Students who Participated in JCPS Early Childhood Programs



Early Childhood Redesign

Name it, Claim it, Own It!

- Big Day for Pre-K curriculum
- Converting half day to full day
- Increase instructional time
- E-Walk for Early Childhood
- Resource teachers to centers
- EMBARK for all EC students
- Curriculum specialist
- Increase number of certified teachers
- PLC
- Data walls/data teams
- Expanding kindergarten camps
- Improve classroom technology
- Ready4K – increase awareness



2015 Kindergarten Readiness Camps

- JCPS partnered with CE&S Foundation
- 3 Locations – DuValle, McFerran & Unseld Early Childhood Centers
- 330 incoming kindergarten students enrolled in the camps
- Consisted of 20 classrooms
- 20 teachers (Early Childhood and Kindergarten)



2015 Kindergarten Readiness Camps

Monitoring Student Progress

- EMBARK Pre-Assessment during the first week of the camp
- EMBARK Post-Assessment during the last week of the camp
- BRIGANCE Kindergartener Readiness Screener as incoming Kindergarten students



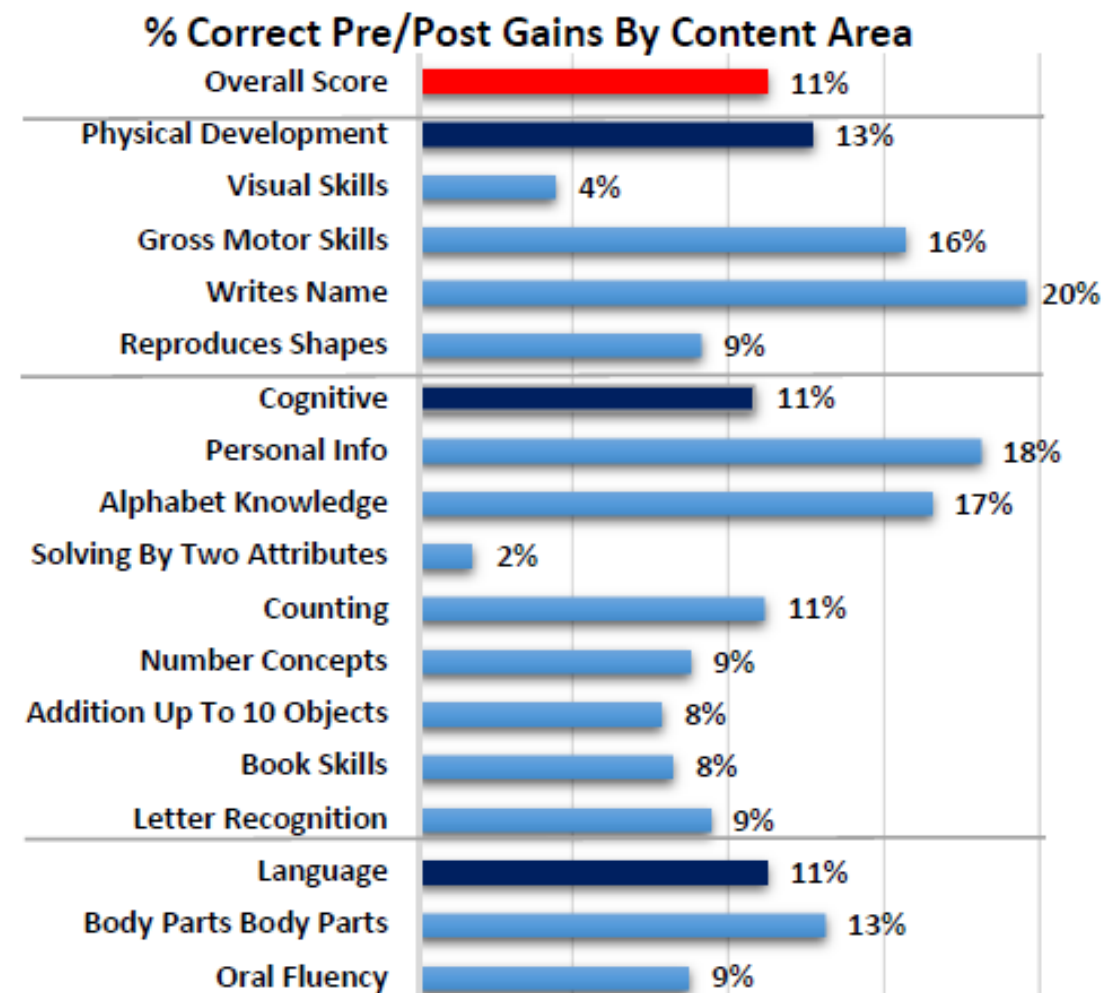
Kindergarten Readiness Camps – EMBARK Results

- Pre and post assessment on 225 students
- Students scored 51% Ready on the EMBARK pre-assessment
- Students scored 73% Ready on the EMBARK post-assessment



	EMBARC Overall AVG Score (Scale 1-50)		Projected K- Readiness	
	Pre	Post	Pre	Post
McFerran (20 Days)	31	41	32%	80%
Classroom 1	31	41	43%	79%
Classroom 2	33	38	57%	57%
Classroom 3	33	46	18%	100%
Classroom 4	29	39	30%	80%
Classroom 5	27	37	29%	57%
Classroom 6	35	42	40%	100%
Classroom 7	27	42	18%	82%
DuValle (24 Days)	32	39	41%	65%
Classroom 1	31	38	27%	64%
Classroom 2	31	40	46%	69%
Classroom 3	35	39	55%	64%
Classroom 4	32	35	33%	44%
Classroom 5	31	40	40%	70%
Classroom 6	35	42	44%	78%
Unsel (20 Days)	39	40	69%	74%
Classroom 1	42	42	75%	92%
Classroom 2	31	34	50%	50%
Classroom 3	41	42	79%	79%
Classroom 4	42	42	79%	79%
Classroom 5	42	37	75%	50%
Classroom 6	38	43	73%	91%
Classroom 7	36	40	53%	80%
GRAND TOTAL	34	40	51%	73%

Please Note: This is the first use of EMBARK cut scores, which were drafted spring 2015. These initial cut scores are based on pilot EMBARK implementation at one JCPS early childhood location. Cut scores will be recalibrated as EMBARK implementation grows.
CURRENT CUT SCORE: 37 or higher is considered Kindergarten Ready



Kindergarten Readiness Camps – BRIGANCE Results

- BRIGANCE data shows participating students:
 - 76% - 100% attendance rate scored 74% Ready or Ready with Enrichments on the Fall 2015 BRIGANCE
 - Overall K Readiness regardless of attendance rate is 70.7% Ready on Fall 2015 BRIGANCE

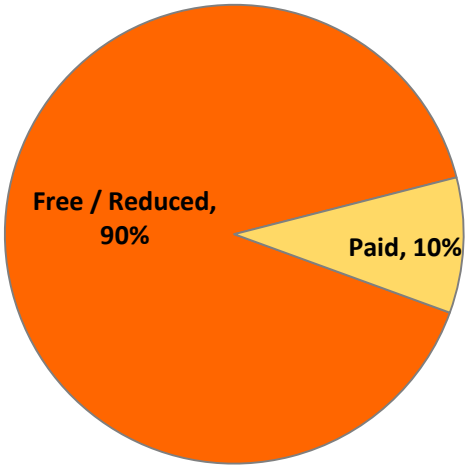


Kindergarten Readiness Camps - Fall 2015 BRIGANCE Results

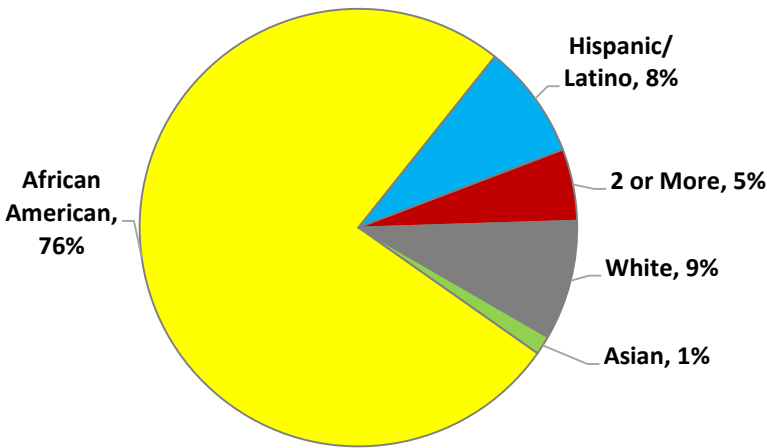
Students Who Participated in K-Camp Summer 2015 and Enrolled in JCPS Kindergarten Fall 2015

	Total Enrolled	Lunch Status		Race/Ethnicity					Gender		Attendance Rate
		Free / Reduced	Paid	Asian	African American	Hispanic/Latino	2 or More	White	Female	Male	
DuValle	96	89%	11%	1%	85%	2%	3%	8%	41%	59%	72%
McFerran	89	93%	7%	1%	76%	8%	8%	7%	43%	57%	82%
Unsel	98	90%	10%	2%	66%	15%	5%	11%	52%	48%	93%
TOTAL	283	90%	10%	1%	76%	8%	5%	9%	45%	55%	83%

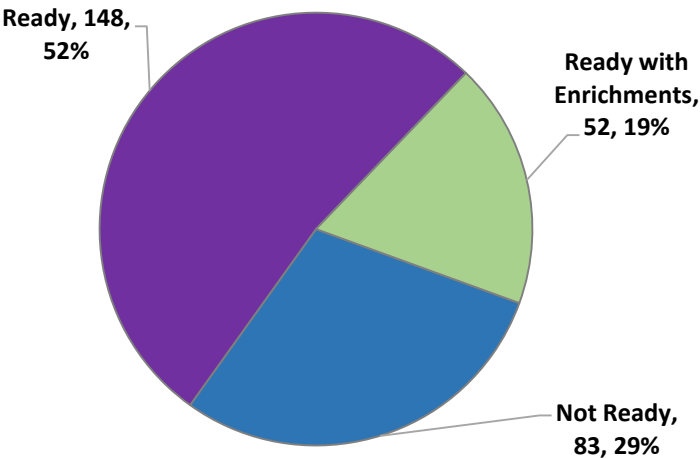
Lunch Status



Race Ethnicity



Overall KCamp KReady



Overall K-Ready (Ready & Ready with Enrichments)		Cognitive (AVG & Above AVG)		Physical Well-Being (AVG & Above AVG)		Language (AVG & Above AVG)		Self-Help (AVG & Above AVG)		Social Emotional (AVG & Above AVG)		TOTAL Students
#	%	#	%	#	%	#	%	#	%	#	%	
200	71%	164	58%	194	69%	198	70%	153	54%	196	69%	283

2016 Kindergarten Readiness Camps

Proposed Expansion

- Expand camps to serve 1,000 incoming Kindergarten students
- Expand from 3 to 6 locations
- Utilize same curriculum and assessment framework



Future Considerations for the Board

- Opening Norton Commons –
8 new classrooms to support intense needs in east end of county
 - Cost: \$853,972 on classroom staff, \$567,618 on equipment
 - Impact: 160 additional students served
- Convert all half day Pre-K to full day Pre-K classrooms –
adds 19 more classes
 - Cost: \$2,079,163 on classroom staff, \$1,939,046 on equipment
 - Impact: 646 students would receive 33,825 (AM) and 37,950 (PM) additional instructional minutes



Future Considerations for the Board

- Increase the poverty guideline from 160% to 170% to serve additional students and families = 7 new classrooms
 - Cost: \$733,542 on classroom staff, \$678,666 on equipment
 - Impact: 140 additional students served
- Early Childhood changes to align with the Head Start grant
 - Cost: \$1,271, 401 (instructional staff, etc.)
 - Cost: \$480,000 (Counselors)
 - Impact: All participating students



How do we differentiate for children with different needs?

