

# **Preschool Program Review and Full-Day Kindergarten**

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**Presented to  
Program Review and Investigations Committee  
by the  
Office of Education Accountability  
July 12, 2018**

# Presentation Outline

- Major Conclusions
- Preschool
  - Revenues
  - Expenditures
  - Types of Preschool Programs
  - Preschool Student Demographics
  - Recruitment
  - Outcomes
- Kindergarten
  - Full-Day/Half-Day Programs
  - Cost of Services
  - Outcomes
- Additional Report Recommendations

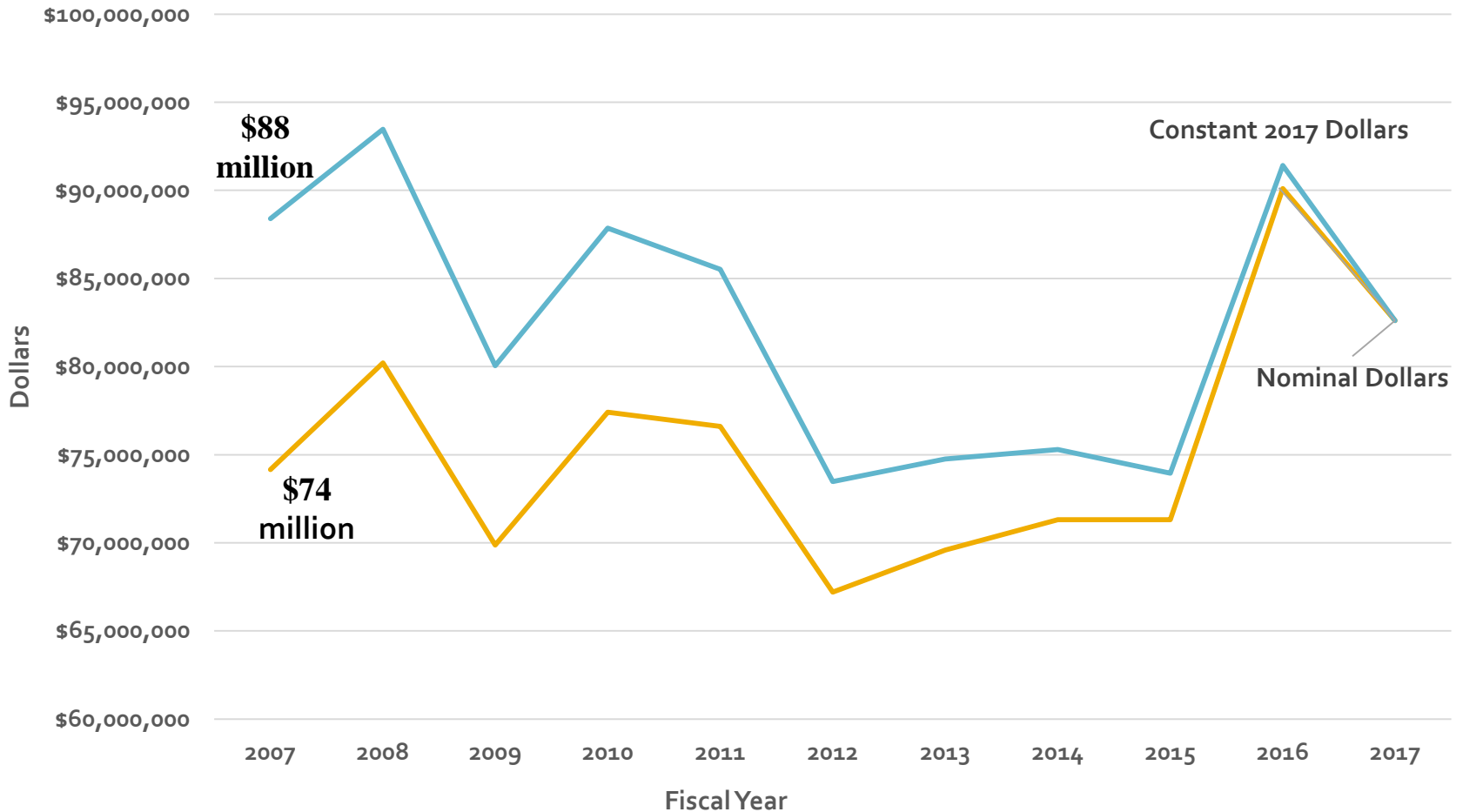
# Major Conclusions - Preschool

- Opportunity has increased, but enrollment has not.
- Full Utilization has different interpretations.
- Districts think they are serving more students than they are.
- Districts spend over 2 times the amount they receive from the state preschool grant.
- Funding fluctuations make it difficult for districts to plan ahead.
- The preschool program is effective.

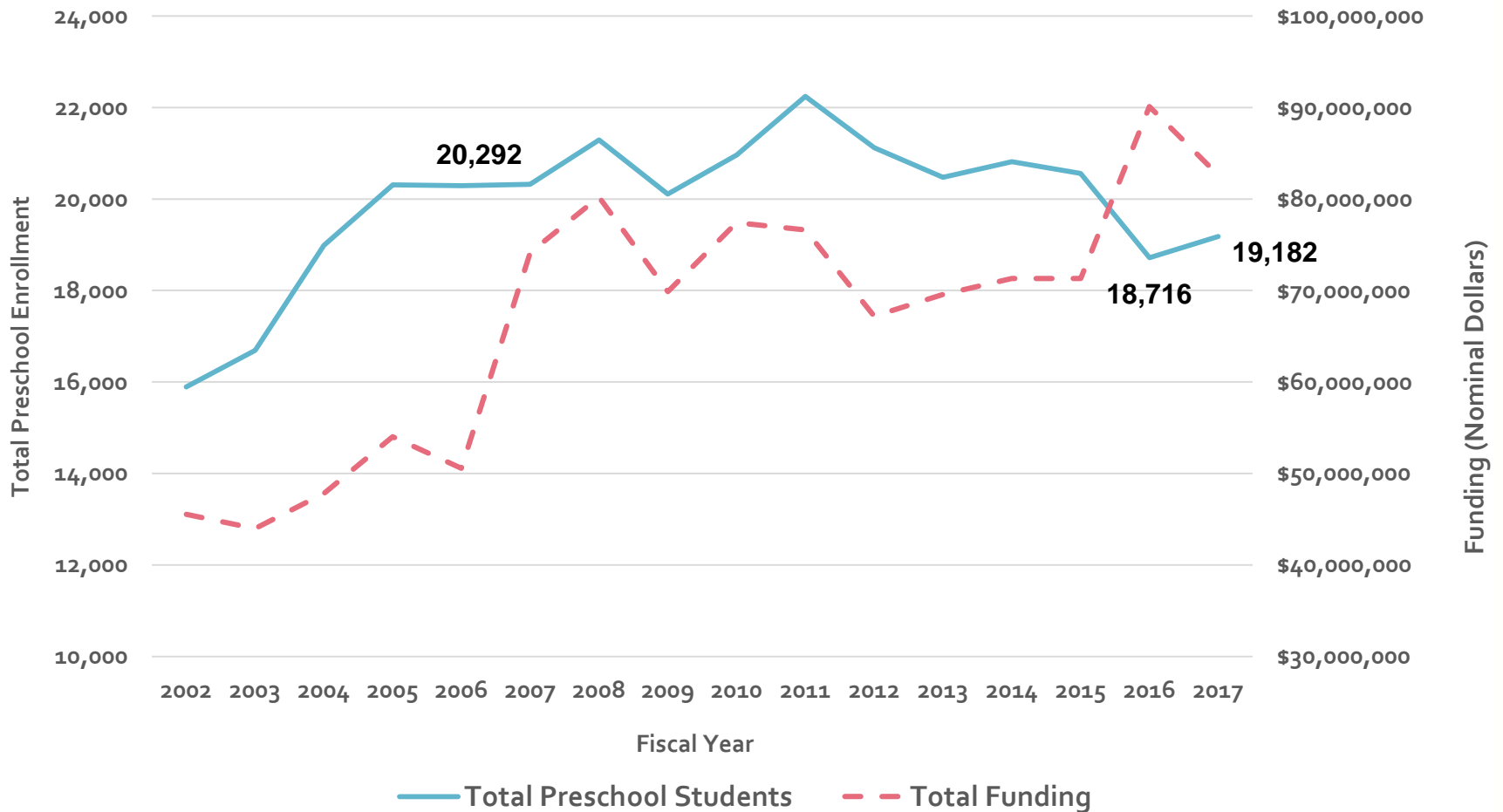
# Major Conclusions - Kindergarten

- Most districts provide full-day kindergarten.
- The additional cost of providing full-day kindergarten varies.
- Full-Day kindergarten is associated with higher 3<sup>rd</sup> grade K-PREP proficiency rates.

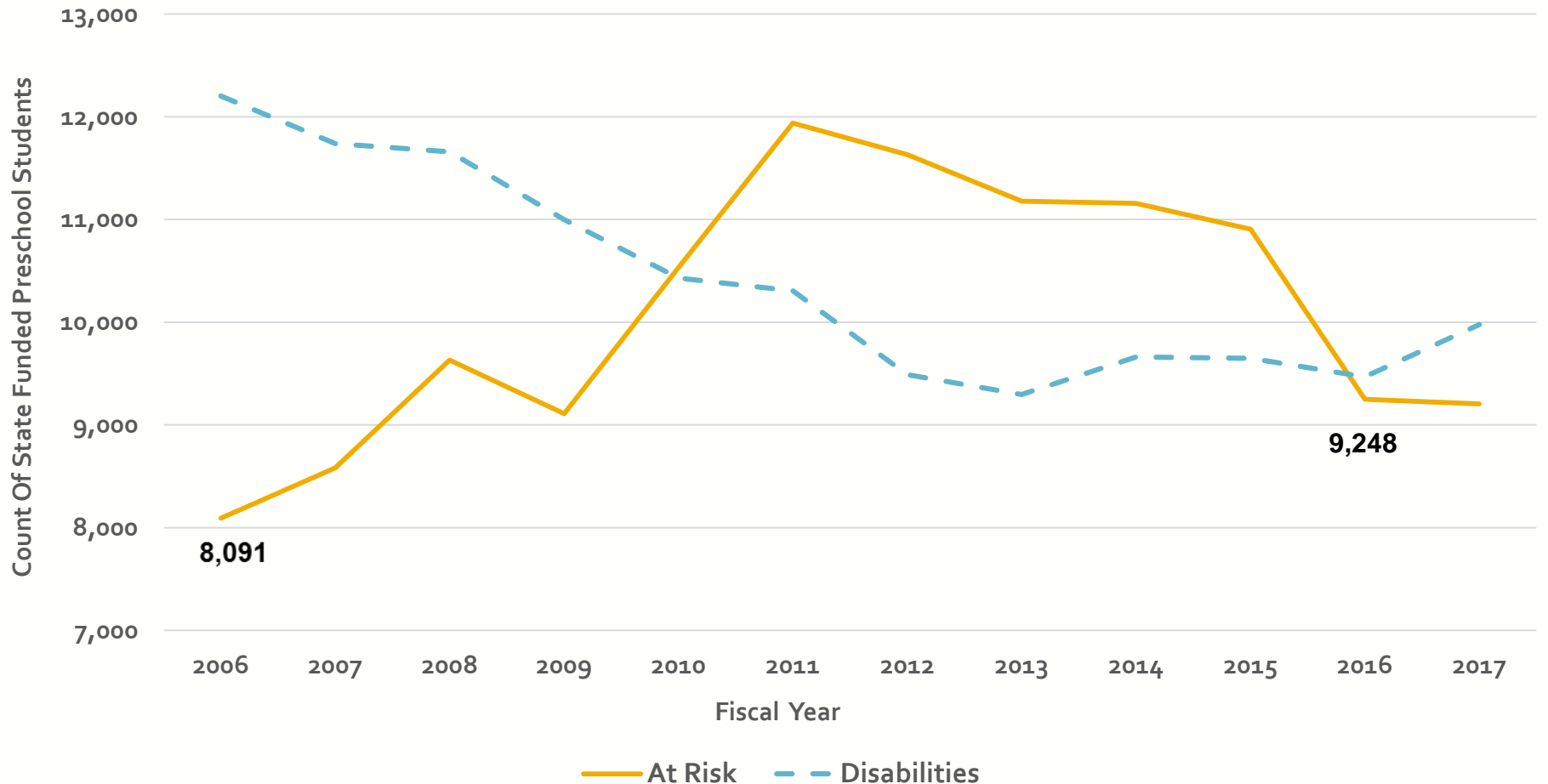
# General Assembly Preschool Appropriations



# Preschool Allocations To Districts And Students Served

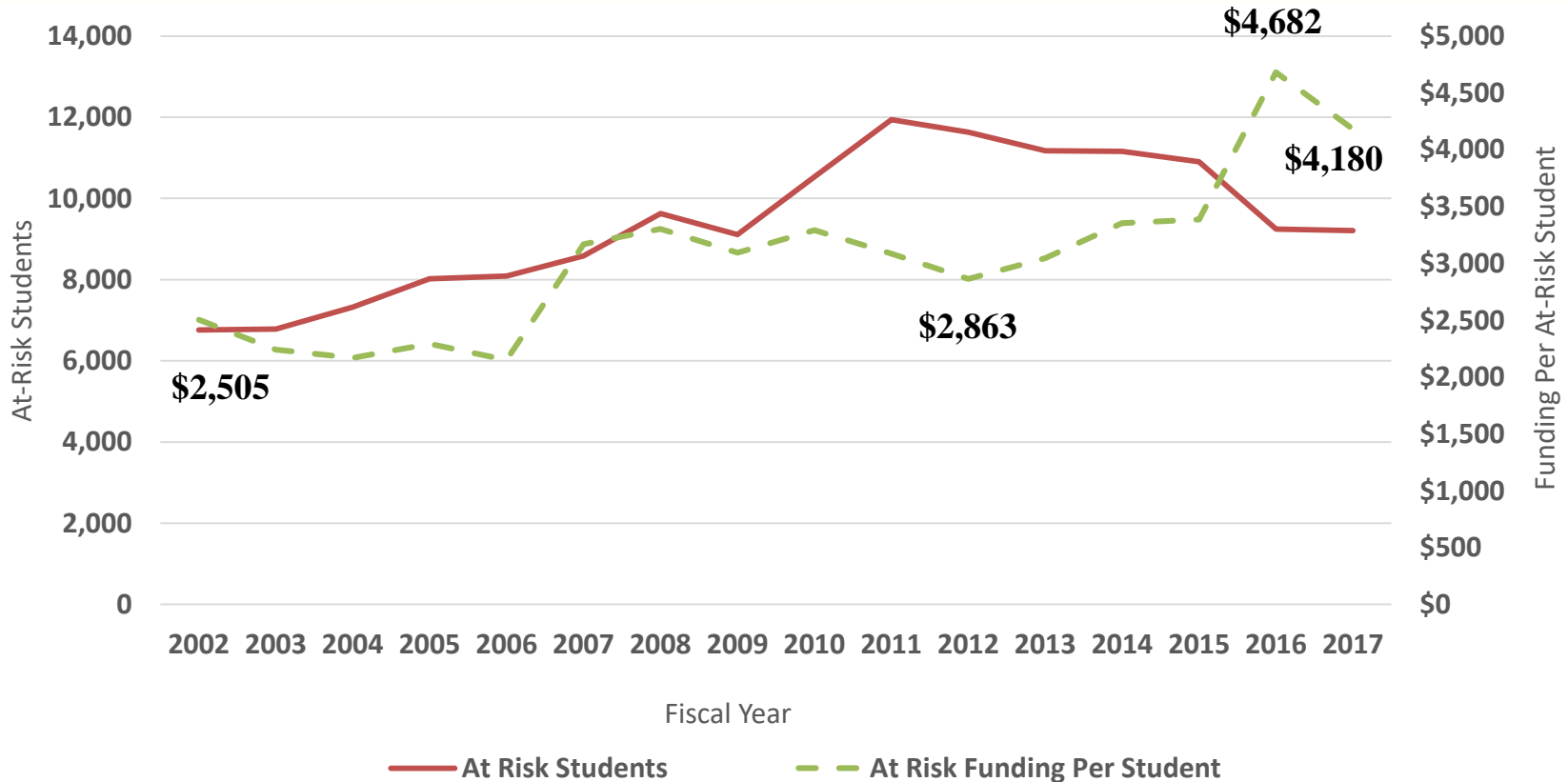


# Preschool Funded Students By Classification



# Preschool Funded Students By Classification

**Count Of At-Risk Preschool Students And Per-Pupil Funding  
FY 2002-2017**





# Preschool Expenditures

\$6,211 per-pupil for regular preschool education  
+  
\$2,056 per-pupil for special education services  
+  
\$1,035 per-pupil for transportation  
=  
\$9,302 per-pupil expenditures in FY 2016

# Recommendation 2.3

**The Kentucky Department of Education should consider recommending that the Kentucky Board of Education allocate a portion of preschool funds to districts that transport preschool students.**

# Preschool Expenditures

“Preschool Partnership Grant funding should NOT have reduced the allocation to public preschool... [We] would love to use these funds to expand [the] current preschool program to full day as an option... Universal preschool in Kentucky should be our state's number one novice reduction and achievement gap closure strategy.”

“Permanent funding should be provided by the state to provide full day preschool and kindergarten. Kentucky was a leader in the country in providing preschool services through school districts, and we need to continue the commitment to quality early childhood programs.”

# Preschool Program Requirements

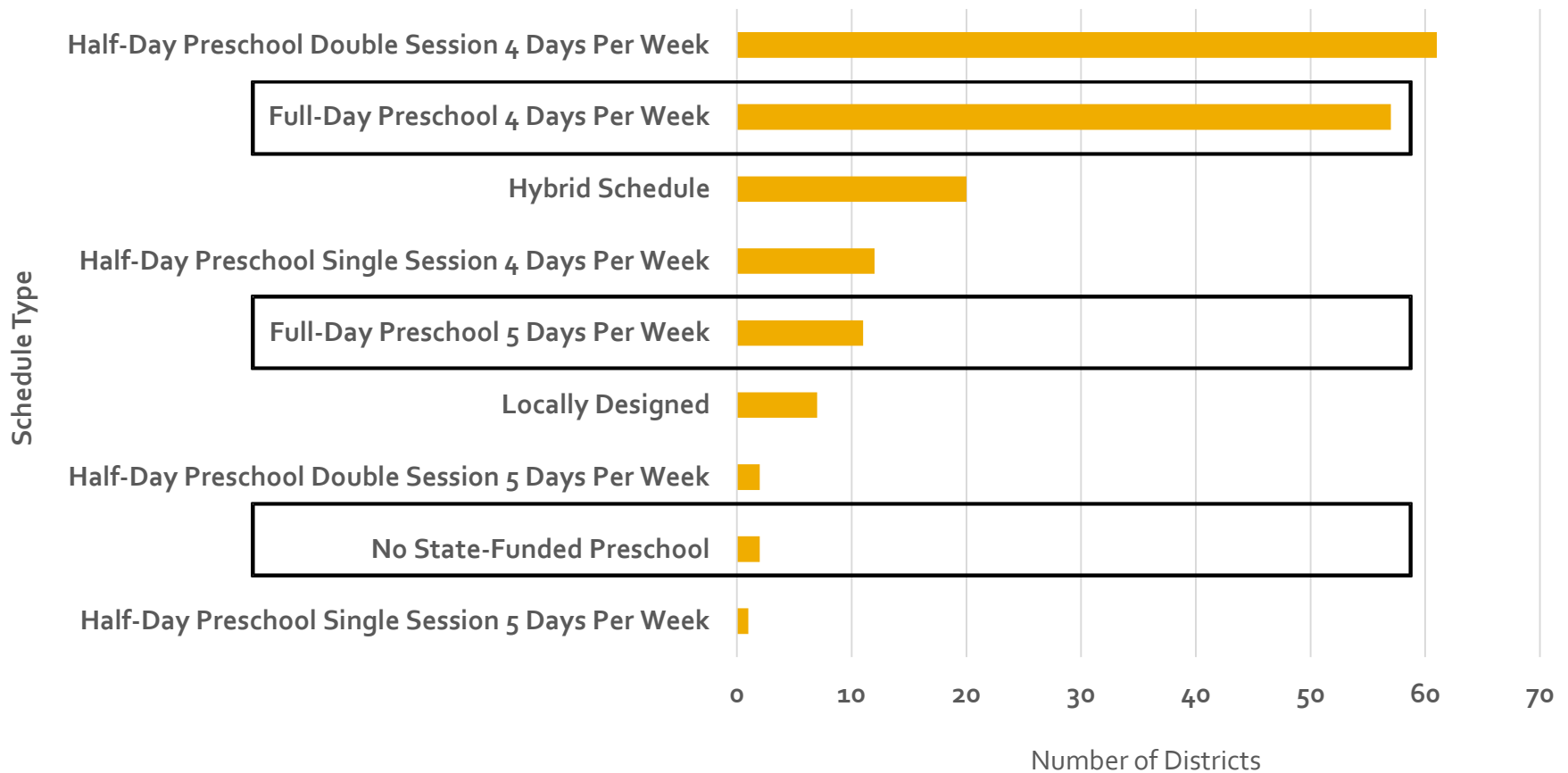
- Full Utilization of Head Start
  - No definition
  - Agreements vary
- Classroom Requirements
  - Minimum of 2.5 hours a day 4 days a week
  - Must provide breakfast or lunch
  - 10:1 student to staff ratio

# Recommendation 3.2

**The Kentucky Department of Education should provide to the General Assembly, before the 2018-2019 school year, a district-level analysis of the potential cost of increasing preschool enrollment of 4-year-old students. This analysis should include an inventory of available space in district school buildings, supplies, and playground equipment, and the funding that the General Assembly may have to include in its preschool appropriations.**

# Preschool Programs

Preschool Schedule Types, SY 2017



# Preschool Program Demographics - 2016

- 3-Year-Old Preschool Students
  - 5,159 students enrolled
  - 65% male
  - 80% white

# Preschool Program Demographics - 2016

- 4-Year-Old Preschool Students
  - 14,232 students enrolled
  - 55% male
  - 70% white
  - 82% FRPL
  - 29% qualify for special education services
  - 8% LEP
    - Less than half of all LEP students participate despite the fact that more than 80% qualify for FRPL.
    - May not be receiving special educational services



# Recommendation 3.3

**School districts, with support and guidance from the Kentucky Department of Education, should complete a needs assessment analysis in order to determine whether the educational needs of preschool-aged limited English proficiency students are being met and to explore possible resources that may assist in better meeting the needs of these students.**

# Preschool Program Evaluation

- KDE's Preschool Program Review (P2R) & Annual Self-Evaluations
- Recruitment & Enrollment
- Kindergarten Readiness & Preschool Assessment Data
- Data Concerns

# P2R Analysis

<b>Assurance Area</b>	<b>Number of Districts With Findings</b>
Annual evaluation of preschool program – 704 KAR 3:410 (9)	71
a. At least annually, parents, staff, and other professionals are involved in evaluating the local preschool program's effectiveness in meeting the needs of participating children.	32
b. Rate of participation by eligible children	36
c. Parental satisfaction with services provided	14
d. Success of participating children as they complete the preschool program and progress through the primary school program	49

# Recommendation 4.1

**The Kentucky Department of Education should ensure that all districts complete an annual preschool evaluation that meets and fulfills the requirements outlined in 704 KAR 3:410, sec. 9.**

# Recruitment & Enrollment

- According to 704 KAR 3:410(5), school districts must:
  - Establish a recruitment strategy which assures enrollment of eligible children;
  - Identify all eligible children; and
  - Demonstrate an emphasis on recruiting those eligible children not currently served by a preschool program.

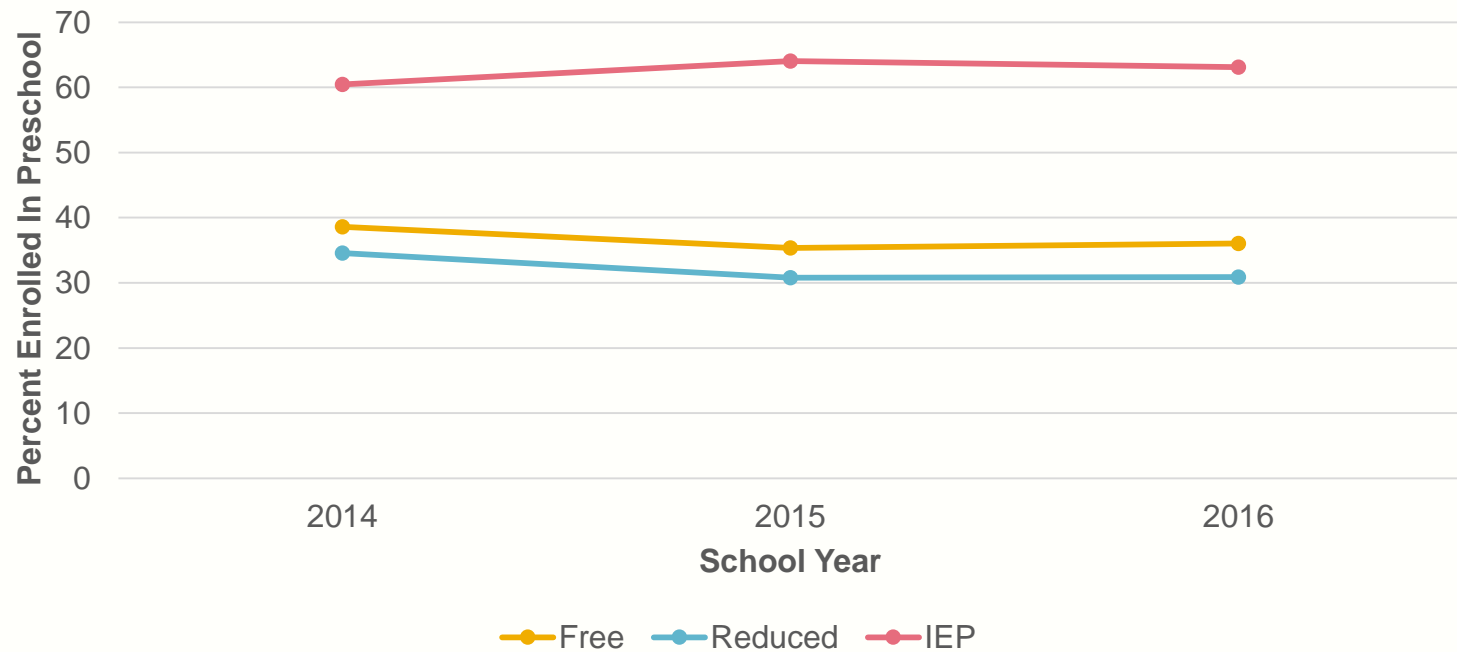
# Recruitment & Enrollment

Percent Served	District Estimate	By Preschool	By Preschool & Head Start*
0%	1	4	0
0.1 – 25%	6	31	0
25.1 – 50%	22	94	13
50.1 – 75%	40	44	87
75.1 – 99.9%	83	0	17
100%	15	0	3
Total Percent Served State-Wide		38%	60%

\* County level analysis

# Recruitment & Enrollment

Percentage Of Eligible 4-Year-Olds Enrolled In Preschool









# Recommendation 4.3

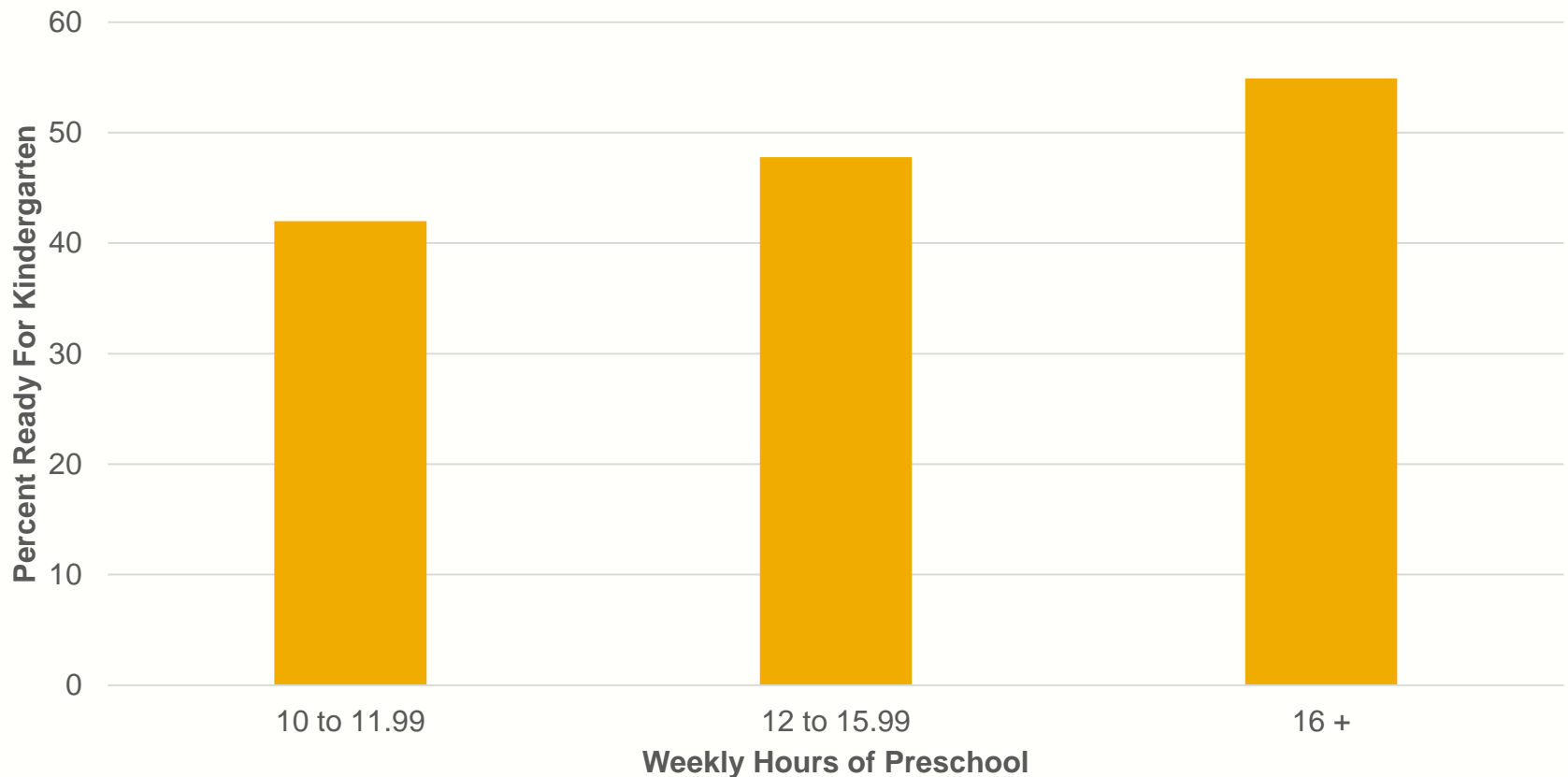
**School districts, with support and guidance from the Kentucky Department of Education, regional training centers, and the Governor's Office of Early Childhood, should review, and where necessary revise, their recruitment strategies to increase the enrollment of children eligible for state-funded preschool in order to more fully comply with 704 KAR 3:410, sec. 5. One possible strategy may include districts adding a question on the kindergarten enrollment form asking about why parents did not enroll their child in an early childhood education program.**

# Preschool Assessment

- There are five different preschool assessments that are administered statewide.
  - Skills are measured by teacher observation
- The assessments measure social and emotional skills, knowledge and skills, and adaptive behavior.
- Teachers' ratings of students on social and emotional skills are lower than parents' ratings.

# Kindergarten Readiness

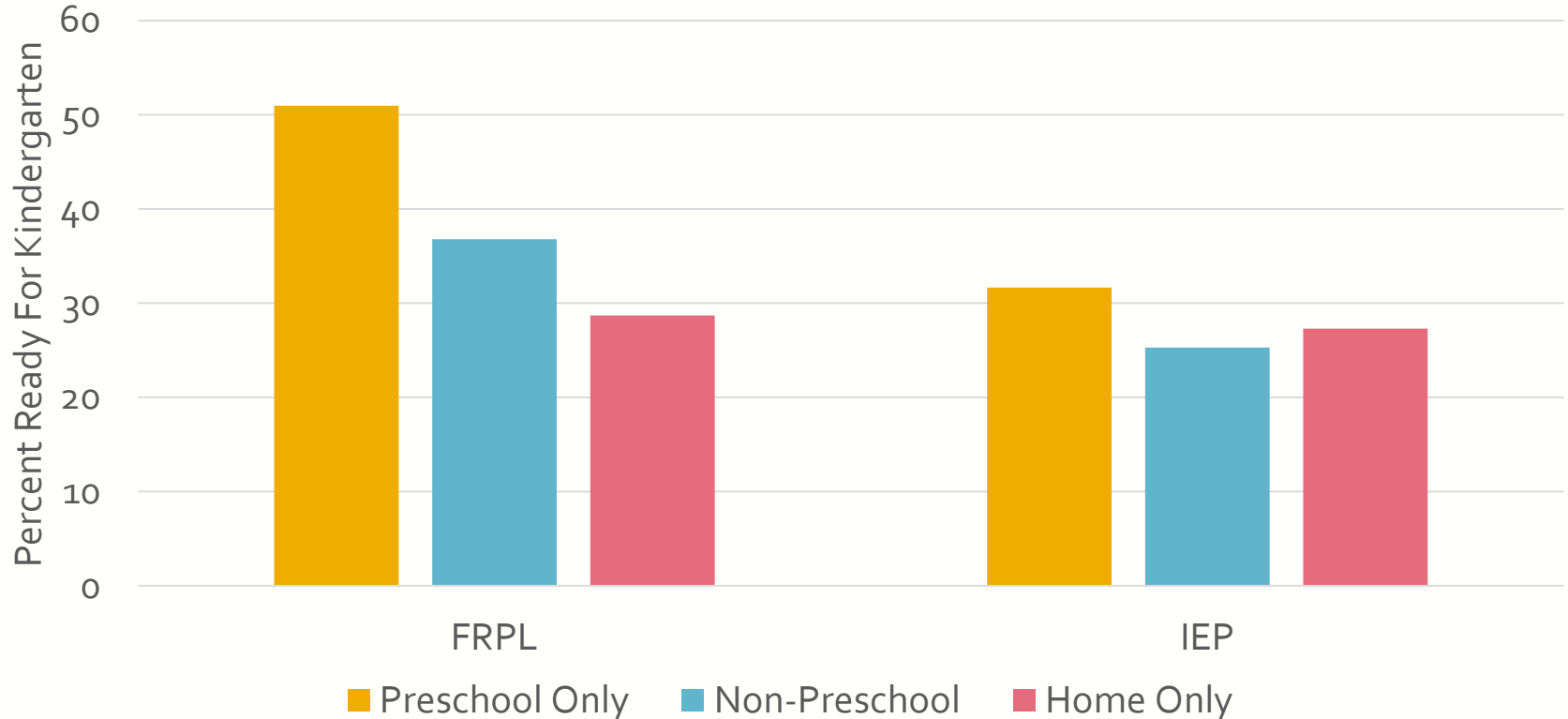
Kindergarten Readiness Among Preschool Students By Weekly Hours In Preschool, SY 2017



Note: This analysis includes data from 81 districts who provided OEA with copies of their preschool schedules.

# Kindergarten Readiness

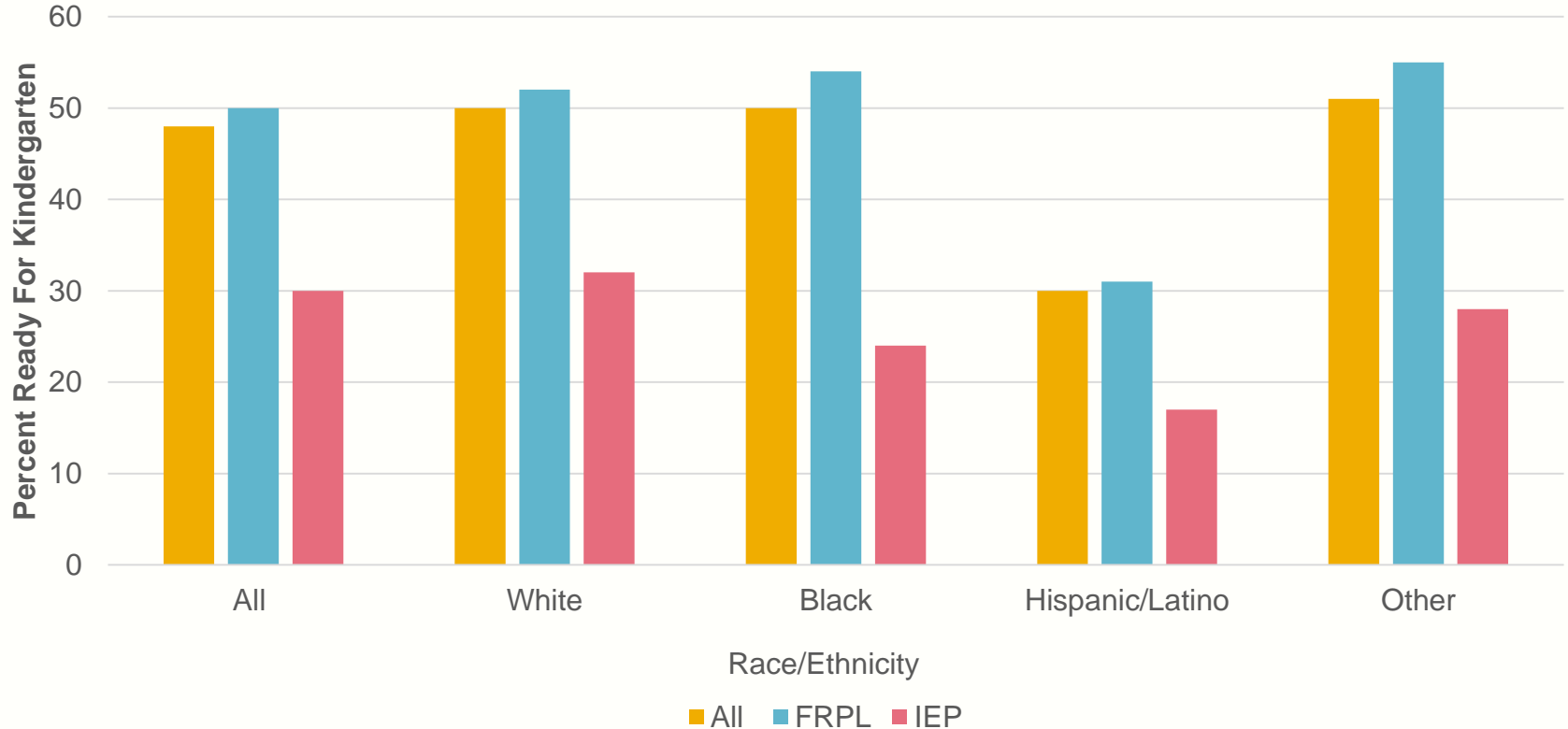
Percent Of At-Risk Students Ready for Kindergarten By Prior Setting, SY 2017



Note: Students who qualify for free or reduced price lunch and have an IEP have been excluded from analysis of kindergarten readiness rates among FRPL students.

# Kindergarten Readiness

Percent of Preschool Only Students Ready For Kindergarten By Race, SY 2015 – SY 2017



Note: Students who qualify for free or reduced price lunch and have an IEP have been excluded from analysis of kindergarten readiness rates among FRPL students.

# Brigance Screener

- 2012 Brigance Kindergarten Screener Pilot.
  - 28 percent of pilot participants received kindergarten ready designation
  - KDE recommended a recalibration of readiness standards with data gathered in initial years of implementation.
- Since 2013, all 173 districts utilize Brigance Screener.

# Kentucky Compared to Brigance Sample

<b>Data Element</b>	<b>Brigance</b>	<b>Kentucky (SY 2017)</b>
<b>Number Tested</b>	167	~50,000
<b>Percent FRPL</b>	40%	65%
<b>Percent Below Cut Score</b>	9%	50%
<b>Mean Standardized Score (SD)</b>	100 (15)	86 (15)



# Recommendation 4.4

**If the Kentucky Department of Education continues to use the Brigance Kindergarten Screen III to determine kindergarten readiness, it should recalibrate the criterion/standard for readiness based on data gathered in the initial years of its use as a common screener in Kentucky.**

# Recommendation 4.6

**The Kentucky Department of Education should engage in a longitudinal assessment of the relationships between kindergarten readiness and K-PREP and other indicators of future academic success.**

# Recommendation 4.7

**The Kentucky Department of Education should conduct a full and complete evaluation of the state-funded preschool program at least every five years beginning in year 2020. The evaluation should be provided to the Kentucky Board Of Education and to the General Assembly.**

# Kindergarten Questions

- How many districts provide full-day kindergarten?
- What is the additional cost districts bear to provide the additional half-day?

# Kindergarten Program

## Districts offering half-day kindergarten, 2017

Boone County	Science Hill Independent
Kenton County	Silver Grove Independent
Pendleton County	Southgate Independent

## Districts offering full- and half-day kindergarten, 2017

Campbell County	Fort Thomas Independent
Corbin Independent	Oldham County

# Kindergarten Program

## District Kindergarten Expenditures By Source And Expense Object Code Compared To Total Kindergarten Students and Average Per-Pupil Expenditures FY 2016

<b>Source</b>	<b>Salaries</b>	<b>Benefits</b>	<b>Special Education</b>	<b>Total Expenditures</b>	<b>Total Kindergarten Students</b>	<b>Average Per-Pupil Expenditure</b>
General Fund	\$153,644,960	\$14,311,979	\$11,534,830	\$179,491,769	49,110	\$3,655
State Grants	518,438	38,583	39,719	596,740	49,110	12
Federal Grants	6,792,582	2,271,280	5,194,498	14,258,360	49,110	290
<b>Total Funds</b>	<b>\$160,955,980</b>	<b>\$16,621,842</b>	<b>\$16,769,047</b>	<b>\$194,346,869</b>	<b>49,110</b>	<b>\$3,957</b>

# Kindergarten Program

## Estimated Cost And Kindergarten Enrollment Of Districts Switching To Full-Day Kindergarten

<b>District</b>	<b>Fiscal Year</b>	<b>2017 End of Year Enrollment</b>	<b>Cost Moving To Full Day</b>	<b>Per Pupil Cost</b>
Anchorage Independent	2012	33	\$96,587	\$2,927
Beechwood Independent	2017	90	75,937	844
Fleming County	2017	163	165,553	1,016
Jessamine County	2011	666	741,643	1,114
Ludlow Independent	2017	48	70,000	1,458
Madison County	2015	846	1,174,237	1,388
Rockcastle County	2016	196	300,000	1,531
Scott County	2016	640	956,922	1,495
Walton-Verona Independent	2015	103	122,995	1,194

# Kindergarten Program

“If the district did not have to bear the impact of the unfunded half day and the 40 percent loss of transportation we would be able to provide more mental and behavior[al] support for schools, more Response To Intervention (RTI) interventionists for our struggling students, lower teacher to student ratios, college and career coaches, and other very needed supports for our schools.”



# Kindergarten Program

## Full-Day Kindergarten Comparison To Half-Day Kindergarten 2013 Kindergarten Year/2016 K-PREP Year

Explanatory Variables	K-PREP Reading Model		K-PREP Math Model	
	Odds Ratio	Standard Error	Odds Ratio	Standard Error
Full-Day Kindergarten	1.08	0.03	1.12	0.03
FRPL	0.42	0.01	0.41	0.01
LEP	0.32	0.02	0.40	0.02
Homeless	0.73	0.03	0.67	0.03
IEP	0.47	0.01	0.39	0.01
Male	0.85	0.02	1.11	0.02
Asian	1.58	0.13	2.29	0.18
Black	0.38	0.01	0.45	0.01
Hispanic*	--	--	--	--
Two Or More Races	0.75	0.03	0.76	0.03
Other Race**	0.64	0.13	--	--

# Recommendation 2.1

**The Kentucky Board of Education should update 704 KAR 3:410 to set at-risk 4 year old preschool student eligibility to at least 160 percent of the poverty level and review eligibility regularly to take into account changes made by the General Assembly in the biennial budget process.**

# Recommendation 2.2

**The Kentucky Department of Education should change the chart of accounts' instructional level 11 heading to “preschool” to match the description of the program and should add an additional instructional level code to track other district Pre-K expenditures. The Kentucky Department of Education should also work with district finance officers to correctly record preschool expenditures on annual financial reports.**

# Recommendation 5.1

**The Kentucky Department of Education should work with district finance officers to correctly record kindergarten expenditures on annual financial reports using instructional level 12.**

# Recommendation 3.4

**The Kentucky Department of Education should enforce 704 KAR 3:410, sec. 5(4) and require districts to use Infinite Campus to record the daily attendance of preschool students.**

# Recommendation 4.2

**The Kentucky Department of Education and the Early Childhood Advisory Council should ensure that all future reporting of preschool and Head Start enrollments is accurate and consistent.**

# Recommendation 4.5

**The Kentucky Department of Education should verify prior setting data for students enrolled in state-funded preschool or Head Start. Students enrolled in blended or partially blended state-funded preschool/Head Start programs should be accurately identified in the Kentucky Student Information System.**

# Recommendation 3.1

**The Kentucky Department of Education should enforce KRS 157.3175 and require districts to submit complete preschool proposals that include all data elements. If some of the documentation can be obtained electronically or is no longer needed, KDE should work with the General Assembly to modify the requirements of the preschool proposal documentation.**



**END**

# Preschool Staffing

## Preschool Teacher Certifications By Type School Year 2007-2017

Type Of Certification	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Interdisciplinary Early Childhood Education	450	483	505	541	598	644	679	747	759	754	817
Probationary IECE	56	47	41	36	51	37	37	19	23	22	34
Emergency IECE	17	8	7	13	17	8	9	11	10	6	13
Letter Certified	184	168	153	149	128	119	111	102	95	84	78
Letter Classified (ec)	35	31	28	28	25	27	25	21	19	16	19
Special Education Certified	2	1	1	0	0	0	4	4	4	6	7
Preschool Associate Teacher	303	274	254	233	203	183	158	140	125	105	89
<b>Total Preschool Teachers</b>	<b>1,047</b>	<b>1,012</b>	<b>990</b>	<b>1,000</b>	<b>1,022</b>	<b>1,018</b>	<b>1,023</b>	<b>1,044</b>	<b>1,035</b>	<b>993</b>	<b>1,057</b>

# Prior Setting And Enrollment Data

## Preschool and Head Start Enrollment Data

	Preschool				Head Start			
	Prior Setting	Bi-Annual Count 4-YO	Bi-Annual Count Total	KDE Funding Number	KCEWS	GOEC	NIEER	Prior Setting
2014	15,916	11,617	20,036	20,556	7,929	10,216	8,501	7,040
2015	14,126	12,265	18,205	18,716	7,915	9,071	7,813	6,603
2016	14,525	13,747	18,867	19,182	7,750	8,920	7,576	7,388

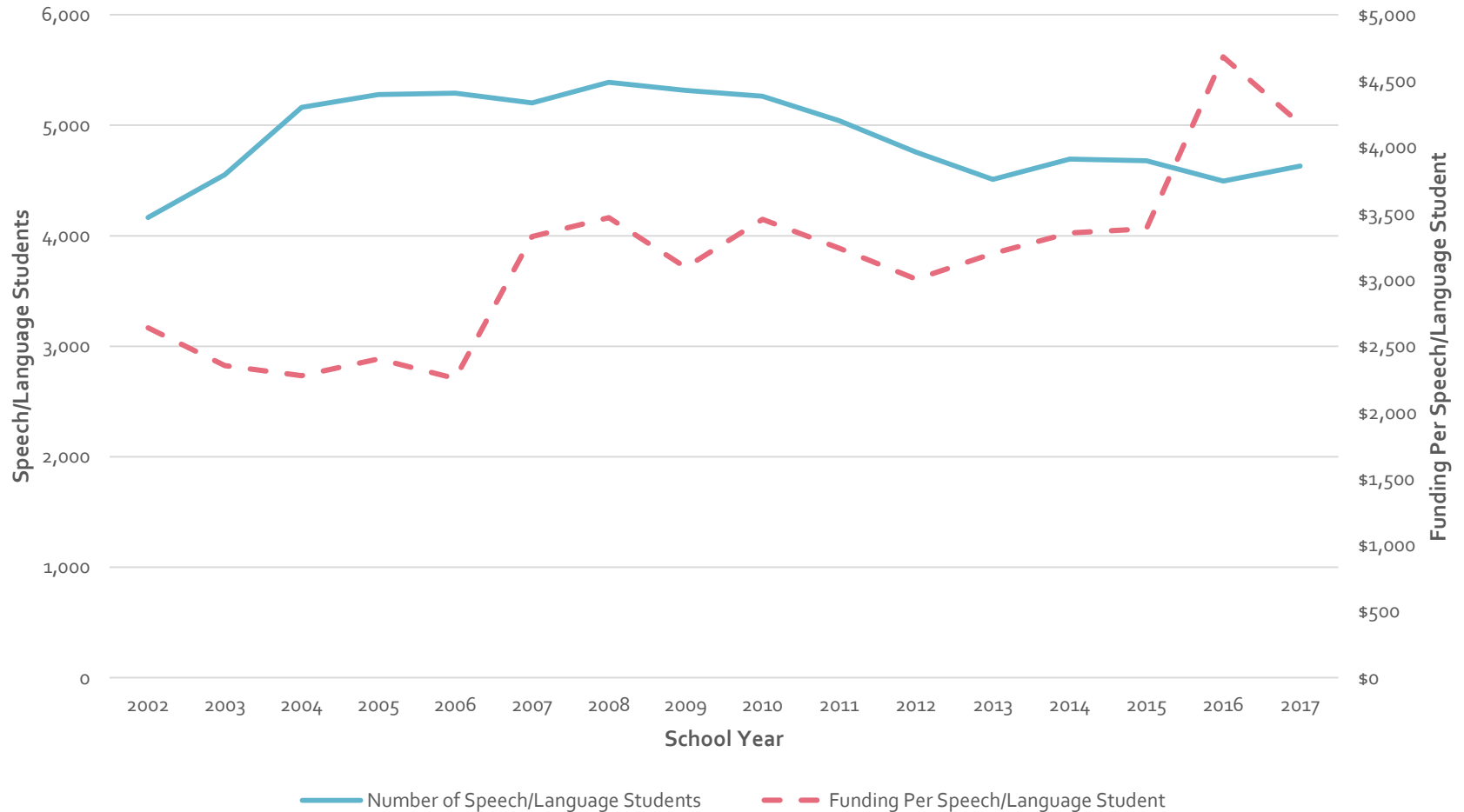
# Count of At-Risk Preschool & Per-Pupil Funding



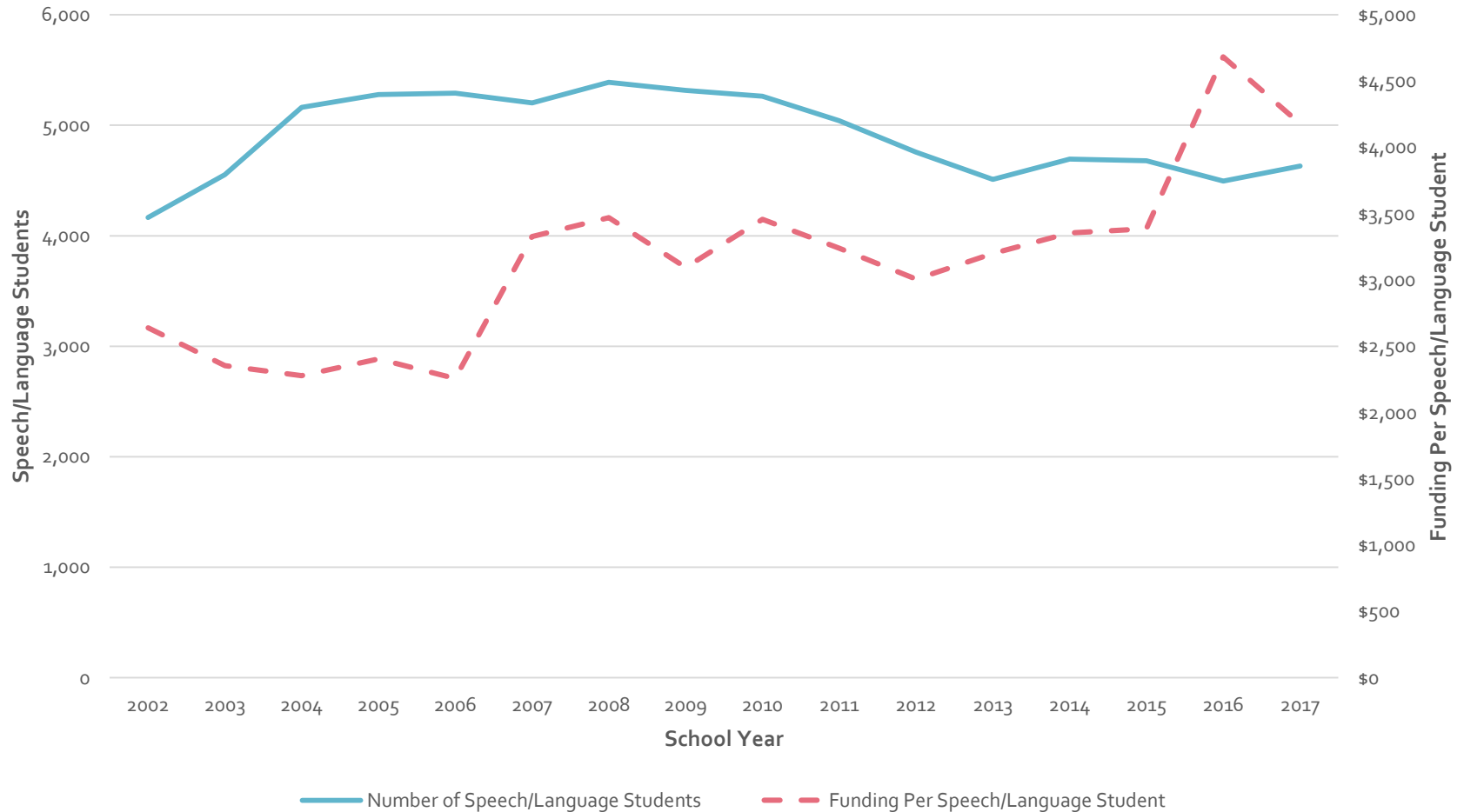
# Preschool Programs

<b>Met Requirement</b>	<b>Summary of Requirement</b>
<b>No</b>	The process conducted by the district to assure that parents or guardians of all eligible participants have been made aware of the program and of their right to participate.
<b>No</b>	A description of the planned educational program and related services.
<b>No</b>	The estimated number of participating children.
<b>No</b>	Strategies for involving children with disabilities
<b>Yes</b>	Estimated ratio of staff to preschool students.
<b>No</b>	The estimated %age of children participating in the program who are at risk of educational failure.
<b>Partial</b>	Training and qualifications of program staff and documentation that the staff meet required standards.
<b>No</b>	A budget and per child expenditure estimate.
<b>No</b>	A plan to facilitate active parental involvement, including provisions of complementary parent education when appropriate.
<b>No</b>	Facilities and equipment which are appropriate for young children.
<b>Partial</b>	The days of the week and hours of a day during which the program shall operate.
<b>No</b>	A plan for coordinating the program with existing medical and social services, including a child development and health screening component.
<b>No</b>	Assurance that students will receive breakfast and lunch.
<b>No</b>	Program sites which meet state and local licensure requirements.
<b>No</b>	A plan for coordinating program philosophy and activities with the local primary program.
<b>No</b>	An evaluation component.
<b>No</b>	Certification from the Head Start director that the Head Start program is fully utilized.

# Count of Speech/Language & Per-Pupil Funding



# Count of Severe/Multiple Disabled & Per-Pupil Funding



# Day Care For Preschool Students

## Day Care Services By District School Year 2017

<b>Day Care Service Type</b>	<b>Some Schools</b>	<b>All Schools</b>	<b>Total</b>
Before school care	8	16	24
After school care	14	24	38
5 <sup>th</sup> day child care	9	21	30
<b>Total</b>	15	26	41



# Day Care For Preschool Students

## Day Care Services Combinations By District School Year 2017

<b>Day Care Service Combinations</b>	<b>Some Schools</b>	<b>All Schools</b>	<b>Total</b>
Before and after school care	4	2	6
After school care and 5 <sup>th</sup> day	4	5	9
Before and after school, and 5 <sup>th</sup> day child care	4	14	18

# Data Sources

- Kentucky Student Information System
- KDE – Preschool Program Reviews (P2R)
- Kentucky Center for Education & Workforce Statistics
- OEA Survey
- Brigance Kindergarten Screener
- Preschool Assessments from KEDS Data System
- Interviews with staff from the Kentucky Department of Education and the Governor’s Office of Early Childhood

# Flexible Focus Fund

## Districts Participating In Preschool Grant Flexible Focus Fund Movement and Amounts; FY 2012-2016

<b>Fiscal Year</b>	<b>Number Of Districts Participating</b>	<b>Smallest Amount Transferred</b>	<b>Largest Amount Transferred</b>	<b>Total Amount Transferred</b>
2012	17	\$261	\$101,364	\$567,398
2013	67	428	299,516	3,832,214
2014	13	3,513	315,035	734,255
2015	23	140	147,691	1,076,702
2016	13	\$4,606	\$84,752	\$612,984

# Other Revenue

<b>Type of Funds</b>	<b>Amount Reported on Districts 2017 Annual Financial Report</b>
IDEA-B & IDEA-B Preschool	\$3.6 million
Title I	\$9.7 million
Family Resource Center	\$267,000

<b>Preschool Partnership Grant</b>	<b>2017 Amount</b>
Tier I	Up to \$25,000
Tier II	Up to \$150,000
Total Awards	\$6,512,823

# Historical Preschool Events

State-funded preschool was created to serve at-risk 4-year-olds and 3 or 4-year-olds with a disability

1990

Governor's Early Childhood Task Force was created to develop a 20-year plan to support quality early childhood experiences

1999

The Early Childhood Development Act (House Bill 706)

2000

KDE required preschool teachers to hold a certificate in Interdisciplinary Early Childhood Education

2004

# Historical Preschool Events

Preschool at-risk  
4-year-olds  
eligibility  
increased to  
150% of federal  
poverty level

The Early Childhood Advisory  
Council & the Governor's  
Office of Early Childhood was  
created by executive order

Preschool at-risk  
4-year-olds  
eligibility increased  
to 160% of federal  
poverty level

The Task Force on Early  
Childhood Development was  
created by executive order

Kentucky received  
a \$44.3 million  
federal Race to  
the Top Grant

Preschool  
Partnership  
Grant

2007

2009

2011

2014

2016

2017

# Preschool Tuition

- 61 districts enrolled tuition paying students
  - 1,200 tuition students
- Annual tuition rates varied
  - \$900 to \$5,550 per year
  - Average rate was a little more than \$2,000 per year
- 4 districts based tuition on a sliding scale based on parental income

# Preschool Expenditures

## 2016 Preschool Expenditures By Source And Expense Object Code Compared To Total Preschool Students and Average Per-Pupil Expenditures

Source	Salaries	Benefits	Supplies & Equipment	Total Expenditures	Total Preschool Students	Average Per-Pupil Expenditure
General Fund	\$6,336,552	\$1,657,518	\$734,495	\$8,728,565	13,199	\$661
State Funds	55,372,027	6,042,227	2,745,539	64,159,793	18,563	3,456
Federal Funds	19,910,279	7,631,901	1,391,310	28,933,490	13,818	2,094
Total Funds	81,618,858	15,331,646	4,871,344	101,821,848		6,211



# Preschool Expenditures

- Special Education
  - 124 districts reported spending \$15.4 million
  - Per-pupil amount was \$2,056
- Transportation
  - 156 districts provide preschool transportation
    - 143 districts employ driver assistants
    - 43 districts use student worker driver assistants
    - 10 districts use volunteer driver assistants
  - Per-pupil amount was \$1,035

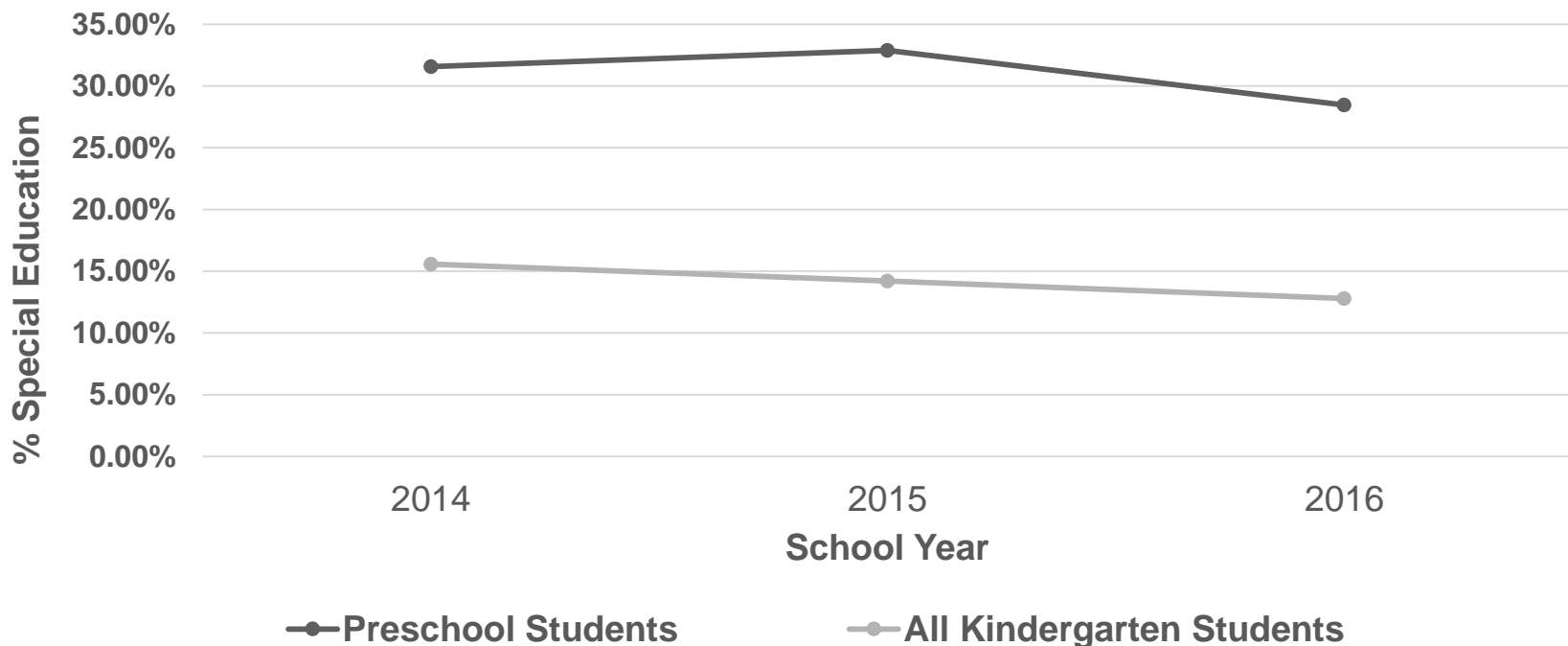
# Preschool Programs

## Race/Ethnicity and FRPL Of All Kindergarten Students and State-Funded 4-Year-Old Preschool Students, SY 2014 – SY 2017

Race	All Kindergarten Students			State-Funded Preschool Students		
	2015	2016	2017	2014	2015	2016
White	76.38%	76.25%	75.65%	68.71%	71.95%	69.73%
Black	10.25	10.06	10.22	14.13	11.04	13.17
Hispanic	7.15	7.21	7.40	10.13	9.68	9.78
Other	6.21	6.48	6.74	6.85	7.34	7.32
Free or Reduced	65.15	64.43	64.87	83.55	81.46	81.57

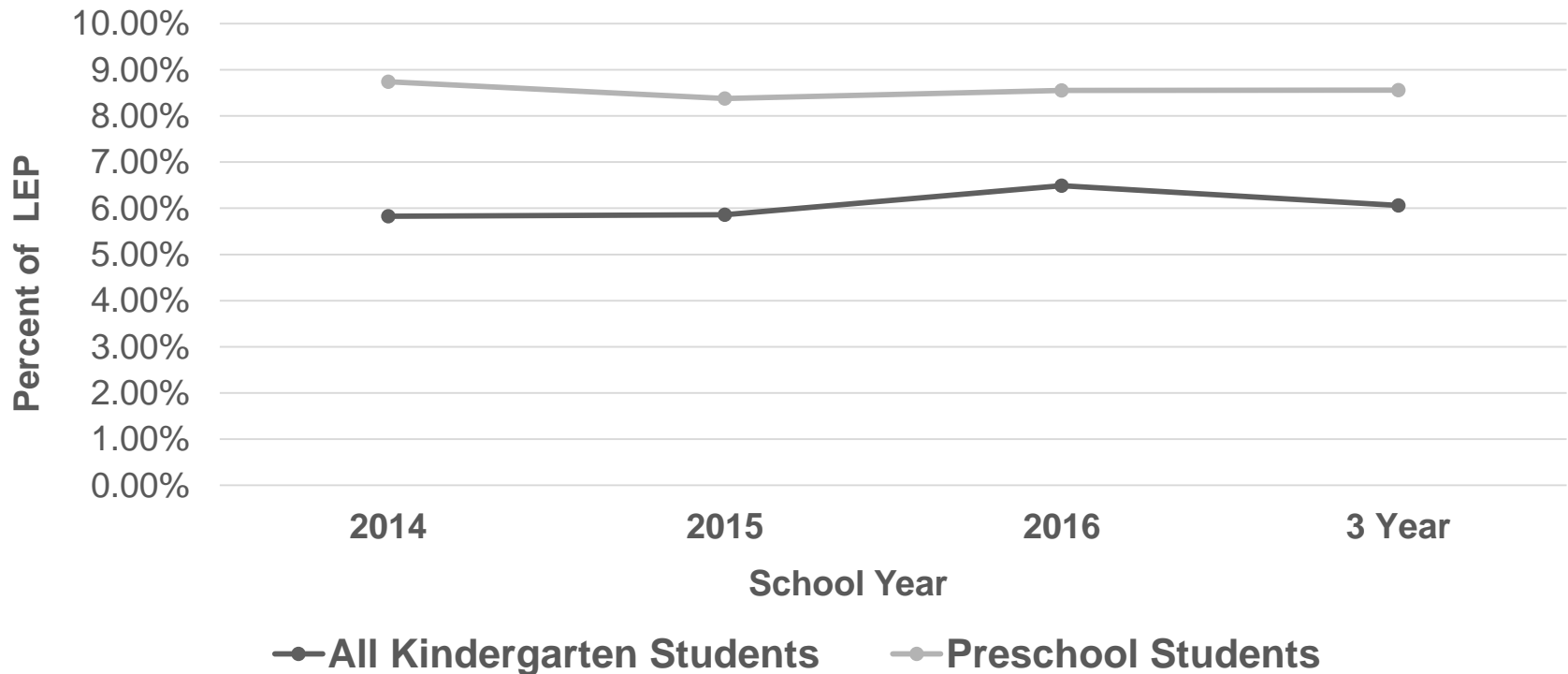
# Preschool Programs

## Percentage of All Kindergarten Students And State-Funded 4-Year-Old Preschool Students Who Qualified for Special Education SY 2014 – SY 2016



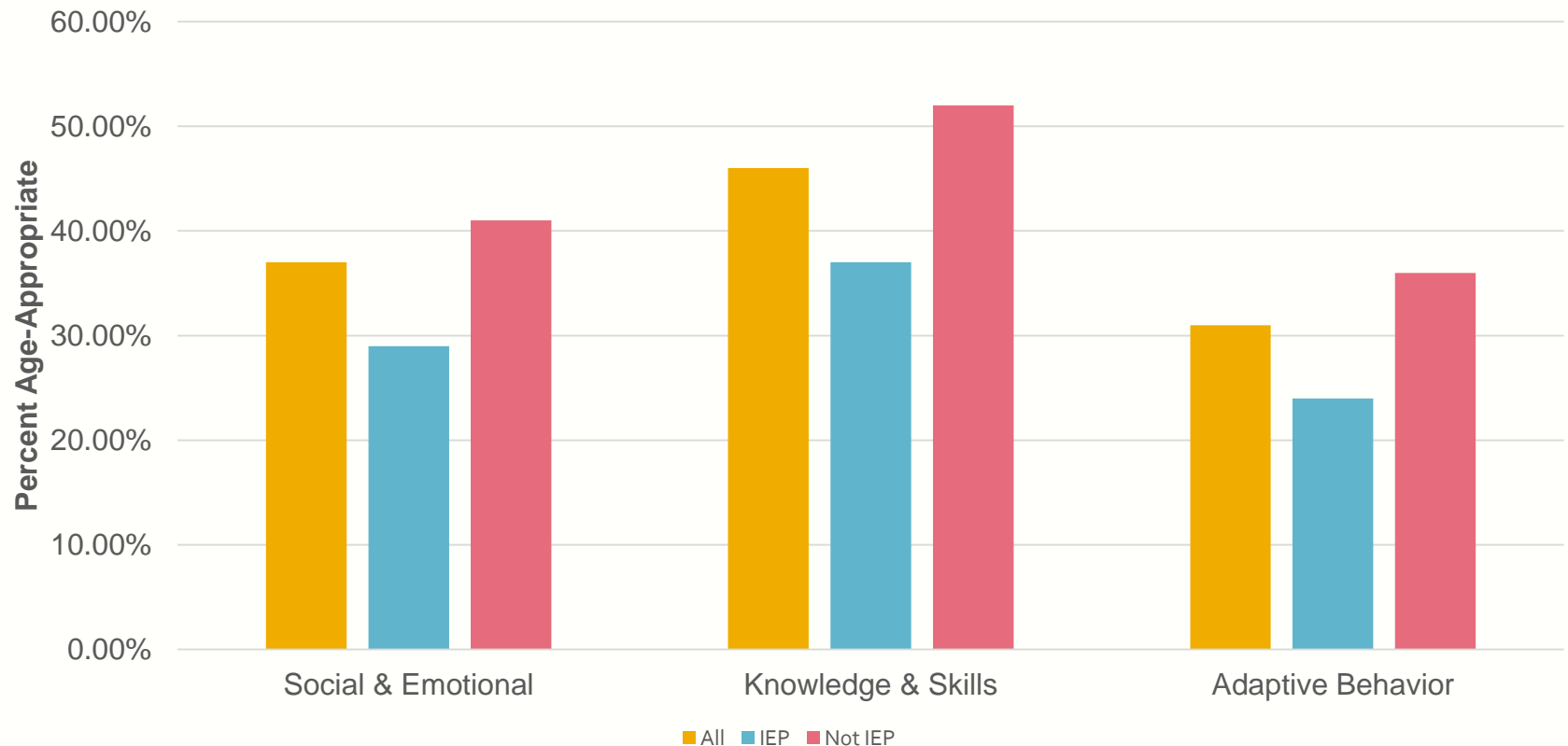
# Preschool Programs

**Percent of All Kindergarten Students And State-Funded 4-Year-Old Preschool Students Identified As LEP  
SY 2014-2016**



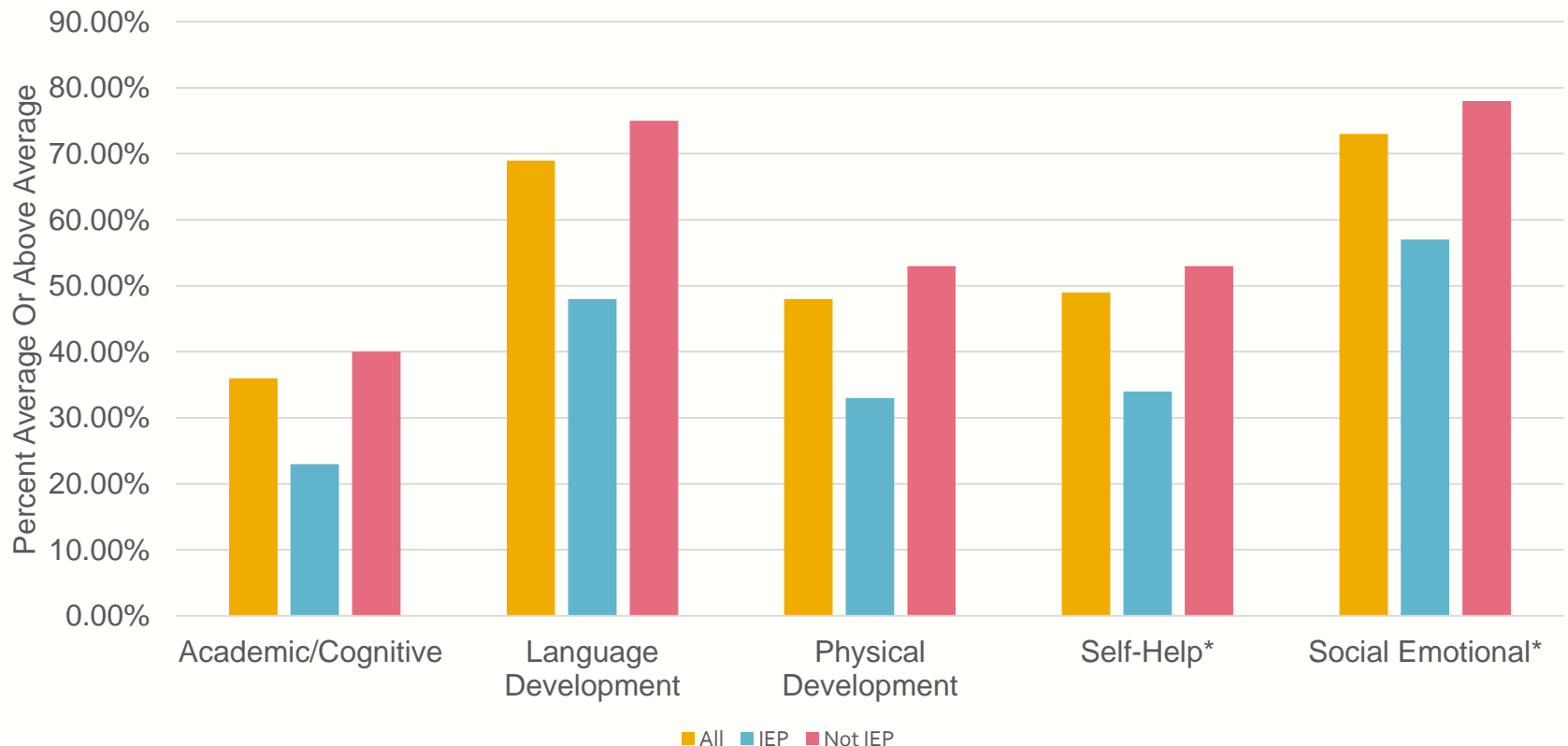
# Preschool Assessment

Percentage Of Preschool Students Considered Age-Appropriate On Social, Academic, And Behavioral Outcomes, SY 2016



# Brigance Results

Preschool Student Results on Brigance Kindergarten Screen III, SY 2017



\* Parent reported and not used to determine kindergarten readiness.

# Prior Setting And Enrollment Data

- OEA relied on prior setting data provided by KDE.
- Prior setting data is supplied by parents on kindergarten enrollment forms.
- In SY 2015 through SY 2017, 100 percent of students who began kindergarten in one district had a prior setting of “unknown”
- Enrollment data were highly inconsistent.

# Kindergarten Program

## Estimated Savings And Kindergarten Enrollment Of Districts Switching To Half-Day Kindergarten, FY 2013-FY 2015

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<b>District</b>	<b>Fiscal Year</b>	<b>End of Year Enrollment</b>	<b>Savings Moving to Half Day</b>	<b>Per Pupil Savings</b>
Pendleton County	2013	183	\$200,000	\$1,093
Silver Grove Ind.	2015	17	57,000	3,353
Southgate Ind.	2015	23	19,535	849

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# Kindergarten Program

## Districts Operating Half-Day Kindergarten Programs During The 2009 School Year And The Year They Switched to Full-Day Kindergarten

<b>District</b>	<b>Year Switched To Full-Day Kindergarten</b>
Anchorage Independent	2012
Beechwood Independent	2017
Boone County	Still Half-Day
Fleming County	2017
Jessamine County	2011
Kenton County	Still Half-Day
Ludlow Independent	2017
Madison County	2015
Rockcastle County	2016
Science Hill Independent	Still- Half-Day
Scott County	2016
Walton-Verona Independent	2015

# Bordering States

## Preschool Expenditures 2015-2016

State/Program	Total State Pre-K Spending	State Spending Per Child Enrolled	State Spending Rank Per Child Enrolled	All Reported Spending Per Child Enrolled	All Reported Spending Rank
<b>West Virginia</b>	\$97,807,662	\$6,472	13	\$9,898	5
<b>Indiana</b>	9,542,255	6,020	17	6,594	22
<b>Kentucky</b>	92,677,908	4,832	21	8,110	9
<b>Tennessee</b>	86,097,664	4,753	22	7,037	19
<b>Missouri</b>	11,753,285	4,722	23	4,722	30
<b>Ohio</b>	59,060,000	4,000	27	4,000	36
<b>Virginia</b>	68,651,478	3,740	29	5,964	26
<b>Illinois</b>	246,729,910	3,374	34	3,854	38
<b>United States</b>	\$7,390,801,796	\$4,976		\$5,696	N/A

# Bordering States

## Preschool Enrollment 2015-2016

State/Program	% 4 Year Olds In State Pre-K	Access Ranking For 4 Year Olds	% 3 Year Olds In State Pre-K	Access Ranking 3 Year Olds	Total % Of 3 and 4 Year Olds
West Virginia	66.4%	6	11.0%	7	38.5%
Illinois	26.1	21	19.9	3	23.0
Kentucky	25.8	22	9.0	9	17.4
Tennessee	21.8	26	0.7	26	11.2
Virginia	17.8	29	--	--	8.9
Ohio	7.8	33	2.8	20	5.3
Missouri	2.1	41	1.2	23	1.7
Indiana	1.9	43	--	--	0.9
<b>United States</b>	<b>31.8%</b>		<b>4.9%</b>		<b>18.4%</b>

# Bordering States Special Education Enrollment Preschool 2015-2016

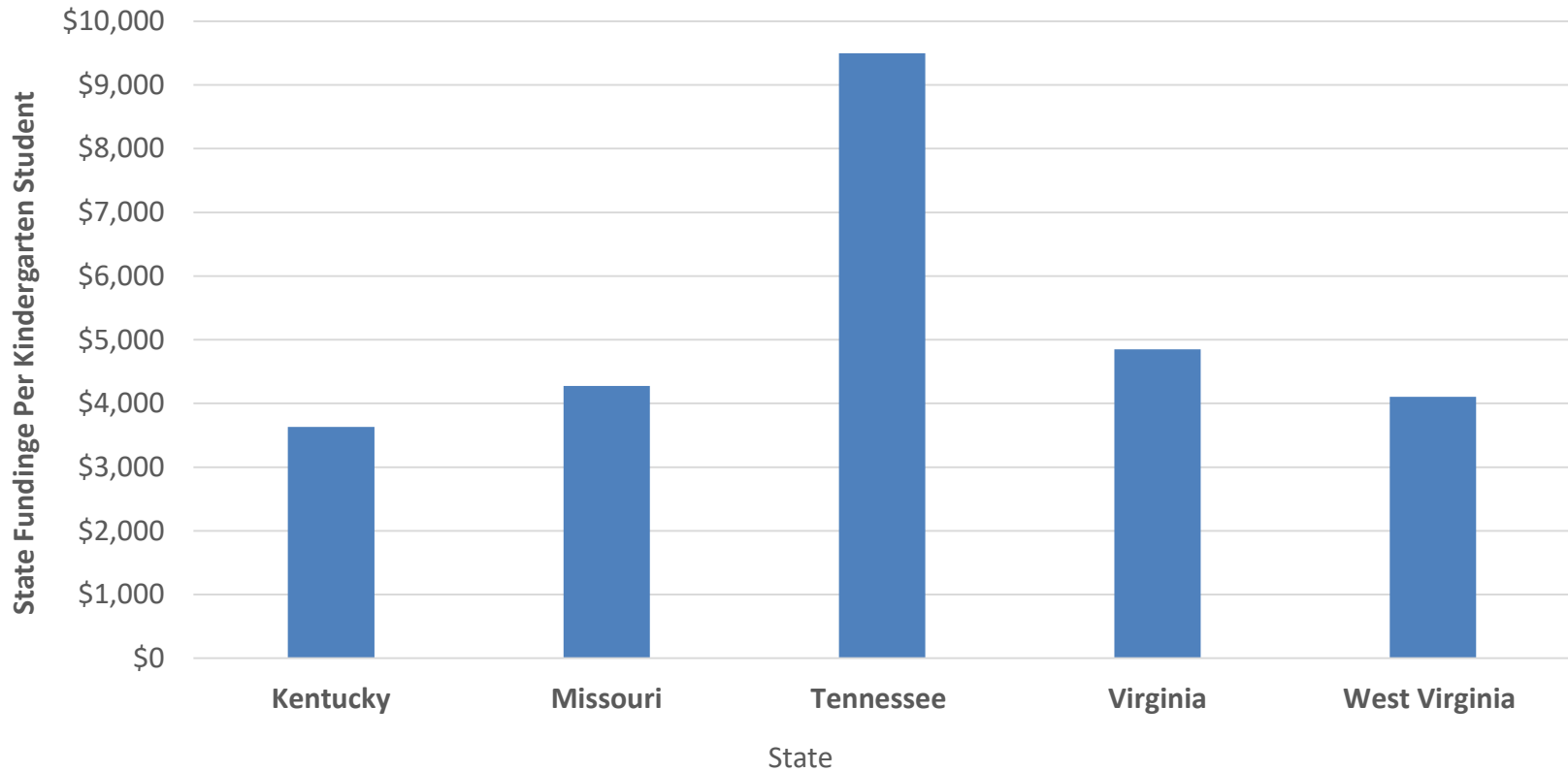
<b>State</b>	<b>3 Year Olds Enrolled</b>	<b>% Of Age 3 Population</b>	<b>4 Year Olds Enrolled</b>	<b>% Of Age 4 Population</b>	<b>Age 3 And 4 Enrolled</b>	<b>% Of Age 3 And 4 Population</b>
Kentucky	3,697	7%	5,948	11%	9,645	9%
Illinois	9,574	6	13,076	8	22,650	7
Missouri	3,673	5	6,139	8	9,812	7
Indiana	4,510	5	5,959	7	10,469	6
West Virginia	1,000	5	1,611	8	2,611	6
Ohio	5,233	4	8,323	6	13,556	5
Virginia	3,892	4	5,681	6	9,573	5
Tennessee	2,503	3	4,176	5	6,679	4
<b>United States</b>	<b>178,073</b>	<b>4%</b>	<b>262,858</b>	<b>7%</b>	<b>441,931</b>	<b>6%</b>

# Bordering States

## Preschool Minimum Hours of Operation 2015-2016

<b>State/Program</b>	<b>Minimum Hours Of Operation Per Day</b>	<b>Operating Schedule</b>
Tennessee	5.5	School or academic year
Indiana	4.0	Determined locally
West Virginia	3.5*	School or academic year
Missouri	3.0	Full calendar year
Virginia	3.0	School or academic year
Illinois	2.5	School or academic year
Kentucky	2.5	School or academic year
Ohio	2.5	School or academic year

# Bordering States Kindergarten Funding FY 2015-2016



# Bordering States Kindergarten Operating Schedules FY 2015-2016

State/Program	Minimum Hours Of Operation Per Day	Hours Per Year
Tennessee	4	720
Indiana	Not specified	Not specified
West Virginia	5.25	945
Missouri	3	522
Virginia	3	540
Illinois	2 for half & 4 for full	360/720
Kentucky	3	531
Ohio	2.5 for half & 5 for full	455/910

# Average Kindergarten Readiness By Prior Setting, FRPL, And IEP Status, SY 2015 - 2017





# Number Of Districts Reporting Preschool Enrollment Barriers, School Year 2016-2017

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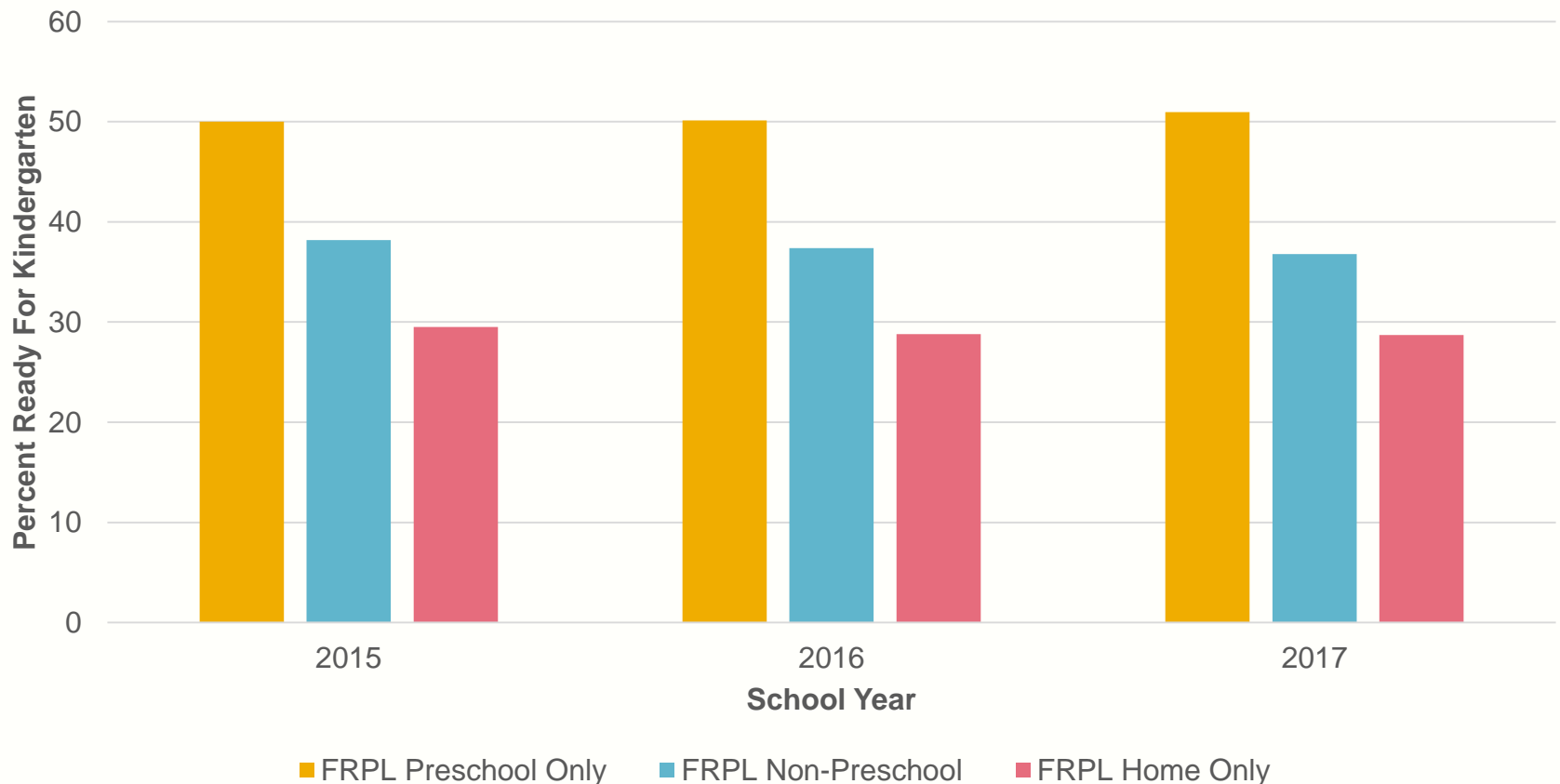
<b>Number</b>	<b>Preschool Enrollment Barrier</b>
126	Parents not wanting children to start school before kindergarten.
118	Some eligible students attend Head Start.
101	Some eligible students attend private preschool, YMCA and non-public schools.
68	Parents receives Child Care Assistance Program.
64	Full day preschool is not offered full day, 5 days a week.
26	Transportation.

# OEA Survey Common Responses For Recruitment Strategies, 2016

<b>Strategy</b>	<b>Number of Responses</b>	<b>Percent of Responses</b>
<b>Fliers</b>	89	61%
<b>Newspaper</b>	72	50
<b>Social Media</b>	52	36
<b>School &amp; Community Events</b>	49	34
<b>Radio</b>	39	27
<b>Doctor or Health Dept.</b>	39	27
<b>Unspecified Advertisement</b>	38	26
<b>Home Visit or Door To Door</b>	28	19
<b>Day Cares</b>	17	12
<b>Cable or Local TV</b>	14	10

# Kindergarten Readiness

Percent Of FRPL Students Ready for Kindergarten By Prior Setting, SY 2015 – SY 2017



Note: Students who qualify for free or reduced price lunch and have an IEP have been excluded from analysis of kindergarten readiness rates among FRPL students.