



Laying *the* Foundation

- KINDERGARTEN READINESS

During a child’s first five years, Ohio has a critical opportunity to lay a strong foundation for the state’s most-at risk children by investing in enriching early experiences. Quality early childhood programs have the ability to close gaps between at-risk kids and their more advantaged peers by the time they enter Kindergarten. Identifying barriers to children’s success and providing interventions must happen in the first five years of life to give all children the best shot at reaching their full potential. Children in Ohio are facing unimaginable levels of trauma and adversity before they even enter school. Ohio must do better to reach families and children through quality home visiting, child care and preschool programs. In order to improve kindergarten readiness and lifelong success for Ohio kids, the state needs to ensure early development is happening in high-quality learning environments.



Kindergarten Readiness

One of the primary purposes of providing Ohio's most at-risk children access to high-quality early childhood experiences is to prepare them for school.

This is critically important because we know that a child's readiness to begin Kindergarten predicts their future success—including their ability to be proficient in reading by the third grade. The Ohio Kindergarten Readiness Assessment, among other uses, assesses children in public and community school kindergarten programs at the beginning of the school year. The assessment is based on Ohio's Early Learning and Development standards and focuses on the following four areas of early learning:

1. Social Foundations—including social-emotional development, and learning approaches
2. Mathematics
3. Language and Literacy
4. Physical Well-Being and Motor Development

Tables 1 and 2 and Chart 1 below provide a breakdown of the students across the state of Ohio by race and ethnicity who scored at the three different levels on the FY17 KRA:

Demonstrating Readiness | Approaching Readiness | Emerging Readiness

STATEWIDE ANALYSIS: Kindergarten Readiness by Race

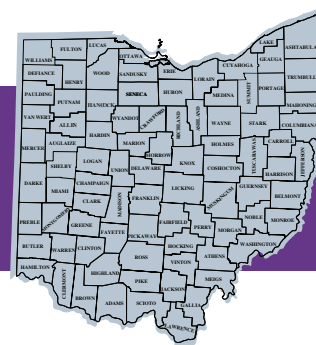


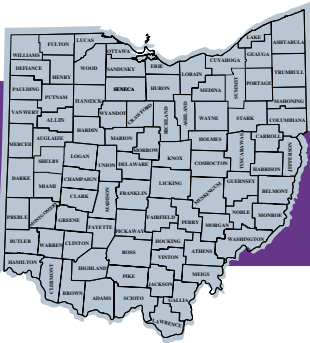
Table 1

FY17 Ohio Students **DEMONSTRATING READINESS** for Kindergarten by Race & Ethnicity

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	4,778	7,851	7,392	20,021
White	37,562	28,104	14,263	79,929
Asian	1,219	963	782	2,964
Multiracial	2,406	2,787	1,760	6,953
Hispanic	1,657	2,777	2,784	7,218
Other/Unknown	173	220	257	650
American Indian	41	54	41	136
ALL STUDENTS	47,836	42,756	27,279	117,871

Data Source: Ohio Department of Education School Report Cards "Download Data" webpage, State Data, State Kindergarten Readiness Assessment (KRA) data

Kindergarten Readiness

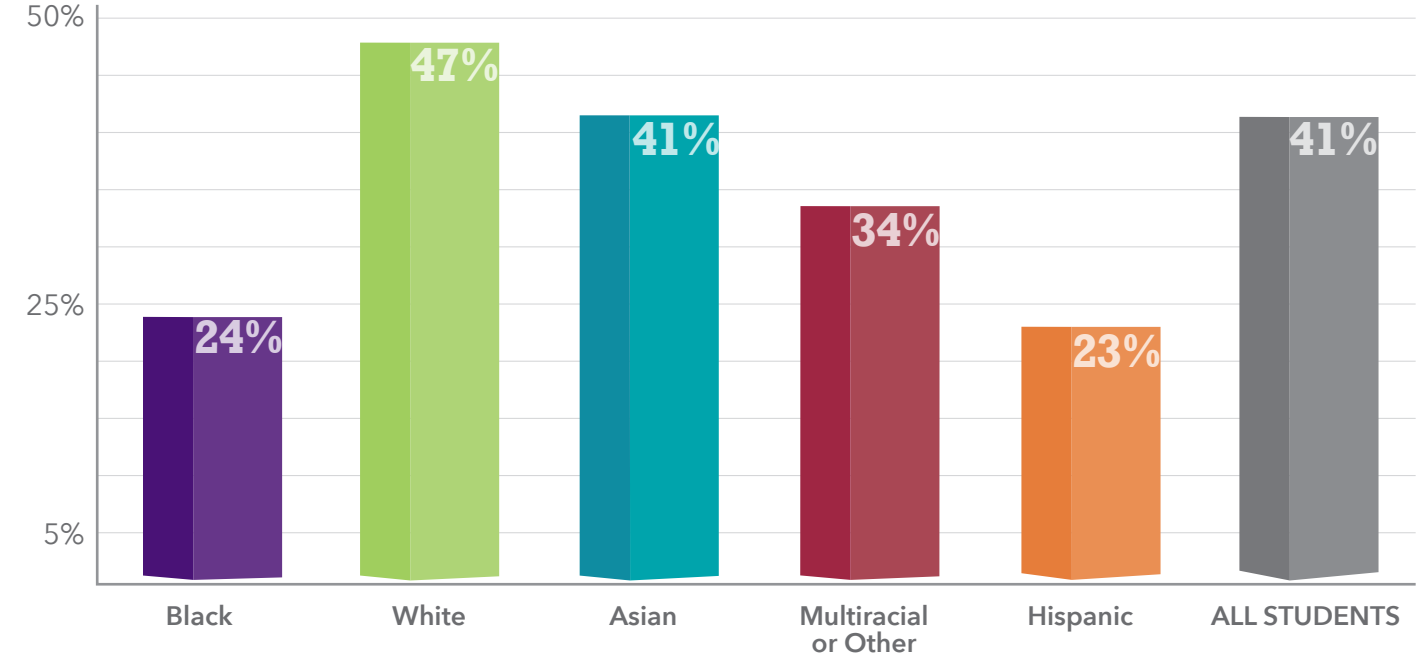


STATEWIDE ANALYSIS: Kindergarten Readiness by Race

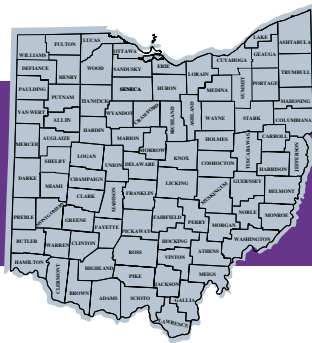
Table 2 FY17 % of Ohio Students **DEMONSTRATING READINESS** for Kindergarten by Race & Ethnicity

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	23.9%	39.2%	36.9%
White	47.0%	35.2%	17.8%
Asian	41.1%	32.5%	26.4%
Multiracial	34.6%	40.1%	25.3%
Hispanic	23.0%	38.5%	38.6%
Other/Unknown	26.6%	33.8%	39.5%
American Indian	30.1%	39.7%	30.1%
ALL STUDENTS	40.6%	36.3%	23.1%

Chart 1 FY17 % of Ohio Students **DEMONSTRATING READINESS** for Kindergarten by Race & Ethnicity



Kindergarten Readiness



STATEWIDE ANALYSIS: Kindergarten Readiness by Economic Status

ONLY **40%** OF OHIO CHILDREN ENTER KINDERGARTEN READY TO LEARN.

Reflections

WHAT IS THE MOST EFFECTIVE WAY TO GET ALL CHILDREN READY FOR KINDERGARTEN? DOES THIS DIFFER FOR CHILDREN OF COLOR?

HOW CAN WE SHARE THIS INFORMATION WITH FAMILIES?

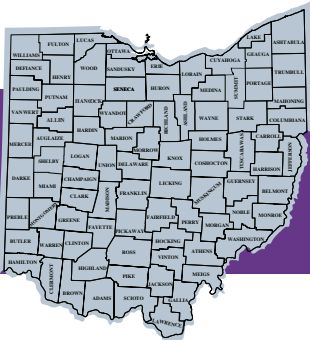
Table 3 FY17 Ohio Students Demonstrating Readiness for Kindergarten by **ECONOMIC STATUS***

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	30,810	17,229	6,002	54,041
Disadvantaged	16,853	25,307	21,020	63,180
Other/Unknown	173	220	257	650
ALL STUDENTS	47,836	42,756	27,279	117,871

Data Source: Ohio Department of Education School Report Cards "Download Data" webpage, State Data, State Kindergarten Readiness Assessment (KRA) data

*The definition of **economically disadvantaged** is clarified in the Sources & Definitions section at the end of this report.

Kindergarten Readiness



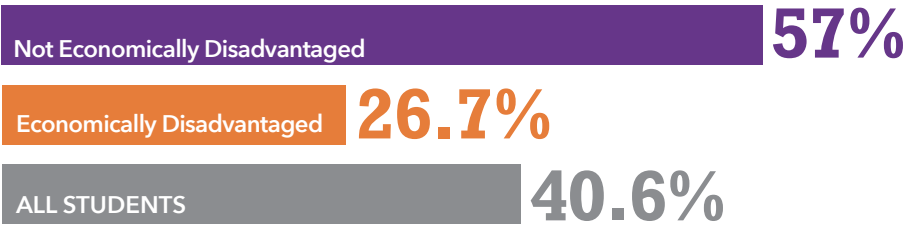
STATEWIDE ANALYSIS: Kindergarten Readiness by Economic Status

Table 4 FY17 % Ohio Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	57.0%	31.9%	11.1%
Disadvantaged	26.7%	40.1%	33.3%
Other/Unknown	26.6%	33.8%	39.5%
ALL STUDENTS	40.6%	36.3%	23.1%

Data Source: Ohio Department of Education School Report Cards "Download Data" webpage, State Data, State Kindergarten Readiness Assessment (KRA) data

Chart 2 FY17 % of Ohio Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

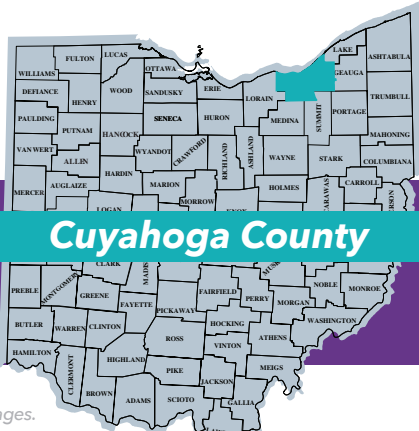


Reflections

ONLY 26.7% OF ECONOMICALLY DISADVANTAGED STUDENTS ARE READY FOR KINDERGARTEN. HOWEVER, BLACK AND HISPANIC CHILDREN, REGARDLESS OF ECONOMIC STATUS, PERFORM WORSE THAN ECONOMICALLY DISADVANTAGED STUDENTS WITH 23.9% AND 23% OF THOSE CHILDREN ENTERING KINDERGARTEN READY TO LEARN RESPECTIVELY.

POVERTY IS NOT TELLING THE WHOLE STORY OF WHY KIDS ARE NOT READY FOR SCHOOL. WHAT DO WE NEED TO UNDERSTAND TO CREATE A COMPLETE PICTURE OF THE CHALLENGES FACING OHIO KIDS?

Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Economic Status

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

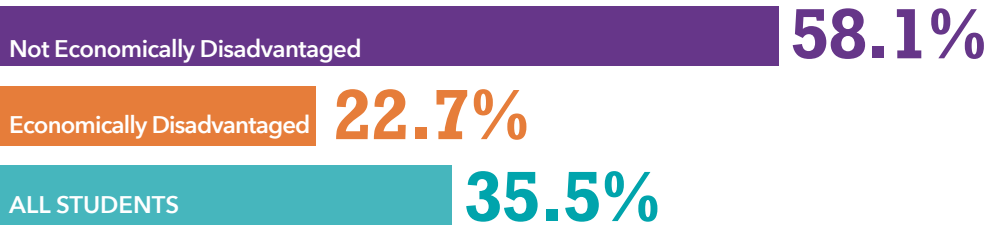
FY17 CUYAHOGA COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	2,007	1,091	356	3,454
Disadvantaged	1,296	2,117	2,258	5,671
ALL STUDENTS	3,303	3,208	2,614	9,125

FY17 % of CUYAHOGA COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	58.1%	31.6%	10.3%
Disadvantaged	22.7%	37.1%	39.6%
ALL STUDENTS	35.5%	36.3%	28.3%

FY17 % of CUYAHOGA COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS



Economically disadvantaged kids in Cuyahoga County are doing worse than the statewide population of economically disadvantaged students on the KRA. Why?

Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Economic Status

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

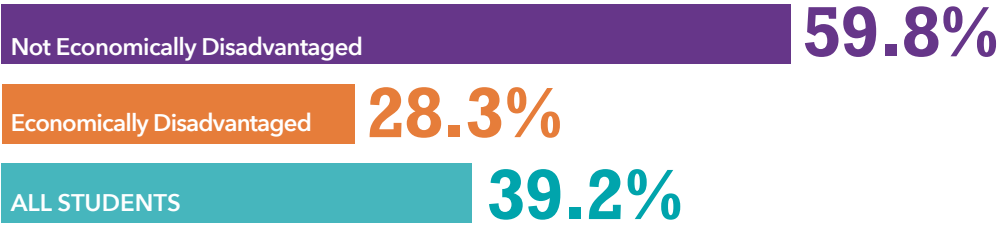
FY17 FRANKLIN COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	2,216	1,088	400	3,704
Disadvantaged	2,117	2,810	2,529	7,456
ALL STUDENTS	4,333	3,898	2,929	11,160

FY17 % of FRANKLIN COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	59.8%	29.4%	10.8%
Disadvantaged	28.3%	37.6%	33.8%
ALL STUDENTS	39.2%	34.2%	26.6%

FY17 % of FRANKLIN COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Economic Status

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

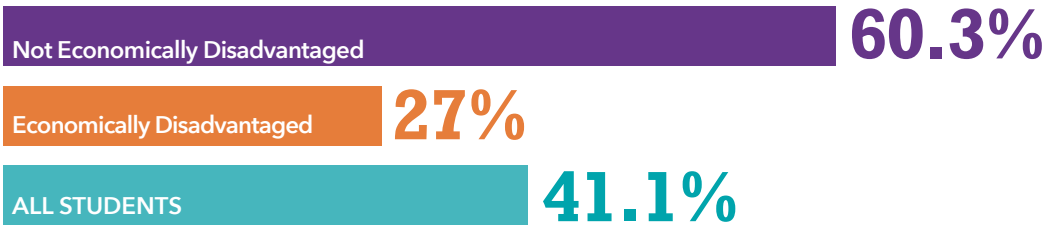
FY17 HAMILTON COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	1,553	737	271	2,561
Disadvantaged	1,069	1,527	1,331	3,927
ALL STUDENTS	2,622	2,264	1,602	6,488

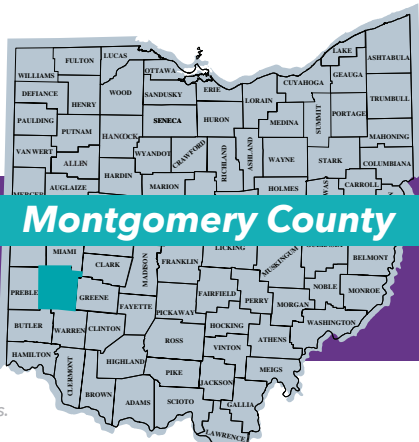
FY17 % of HAMILTON COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	60.3%	28.6%	10.5%
Disadvantaged	27.0%	38.6%	33.7%
ALL STUDENTS	41.1%	34.5%	24.4%

FY17 % of HAMILTON COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Economic Status

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

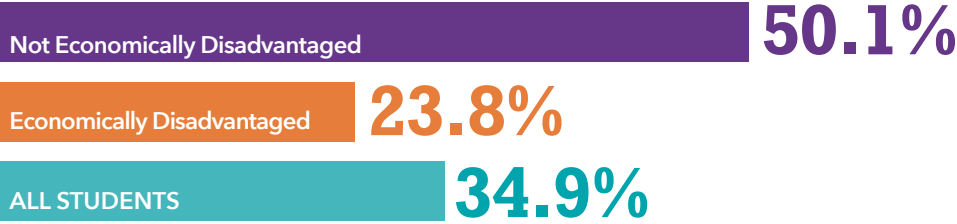
FY17 MONTGOMERY COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	763	568	191	1,522
Disadvantaged	597	1,052	850	2,499
ALL STUDENTS	1,360	1,620	1,041	4,021

FY17 % of MONTGOMERY COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	50.1%	37.3%	12.5%
Disadvantaged	23.8%	42.0%	34.0%
ALL STUDENTS	34.9%	39.6%	25.6%

FY17 % of MONTGOMERY COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS



Economically disadvantaged kids in Montgomery County are doing worse than the statewide population of economically disadvantaged students on the KRA. Why?

Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Economic Status

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

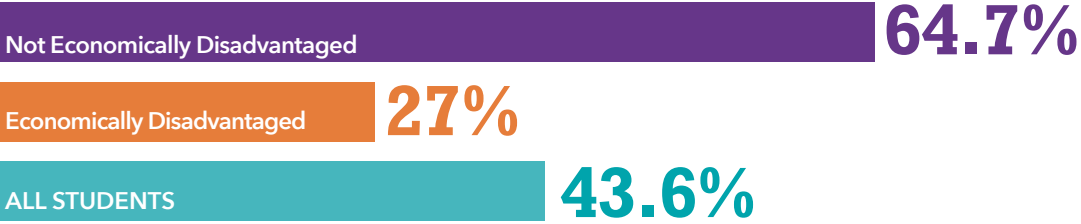
FY17 SUMMIT COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	1,444	608	181	2,233
Disadvantaged	718	985	949	2,652
ALL STUDENTS	2,162	1,593	1,130	4,885

FY17 % of SUMMIT COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	64.7%	27.2%	8.1%
Disadvantaged	27.0%	37.1%	35.7%
ALL STUDENTS	43.6%	32.9%	23.5%

FY17 % of SUMMIT COUNTY Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Economic Status

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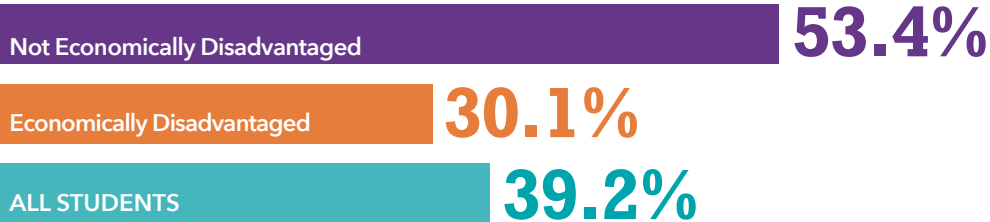
FY17 APPALACHIAN REGION Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

Economic Status	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
NOT Disadvantaged	4,459	2,790	1,040	8,289
Disadvantaged	3,458	4,544	3,498	11,500
ALL STUDENTS	7,917	7,334	4,538	19,789

FY17 % of APPALACHIAN REGION Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS

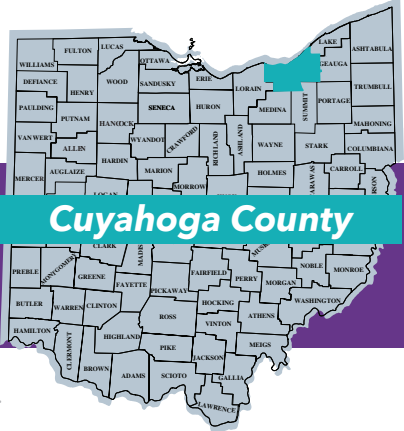
Economic Status	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
NOT Disadvantaged	53.4%	33.4%	12.5%
Disadvantaged	30.1%	39.5%	30.4%
ALL STUDENTS	39.2%	37.3%	23.5%

FY17 % of APPALACHIAN REGION Students Demonstrating Readiness for Kindergarten by ECONOMIC STATUS



Economically disadvantaged kids in the Appalachian Region are doing better than the statewide population of economically disadvantaged students on the KRA. Why?

Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Race & Ethnicity

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

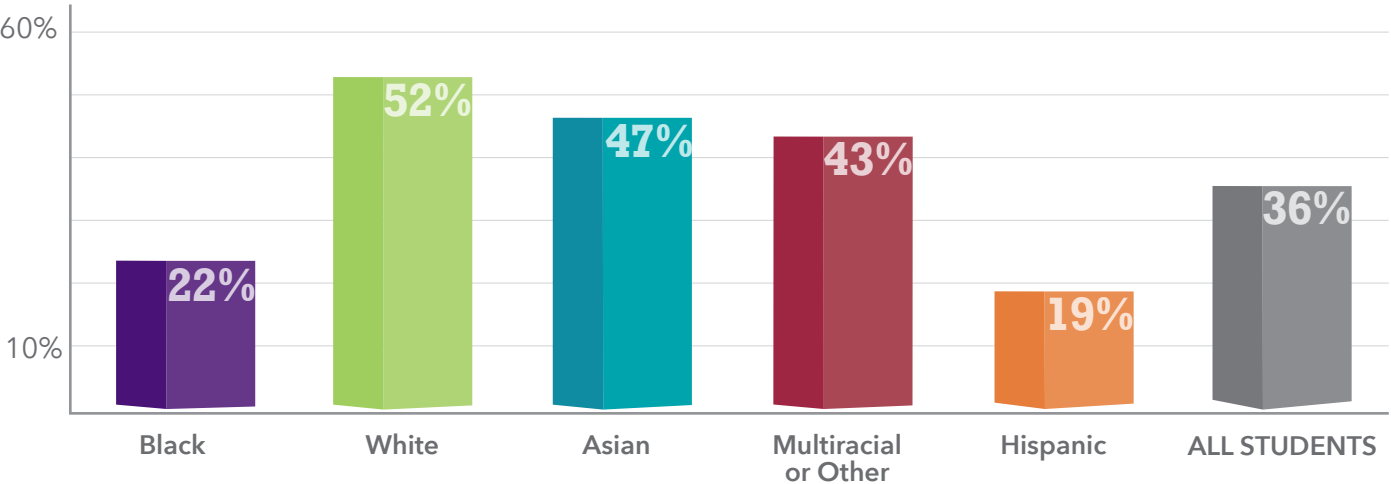
FY17 CUYAHOGA COUNTY Students Demonstrating Readiness

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	863	1,529	1,486	3,877
White	2,016	1,197	641	3,854
Asian	109	70	55	233
Multiracial/Other	134	104	71	309
Hispanic	132	230	317	679
ALL STUDENTS	3,253	3,130	2,569	8,953

FY17 % CUYAHOGA COUNTY Students Demonstrating Readiness

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	22.2%	39.4%	38.3%
White	52.3%	31.1%	16.6%
Asian	46.7%	29.8%	23.5%
Multiracial/Other	43.4%	33.7%	23.0%
Hispanic	19.4%	33.9%	46.7%
ALL STUDENTS	36.3%	35.0%	28.7%

FY17 % CUYAHOGA COUNTY Students Demonstrating Readiness



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Race & Ethnicity

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

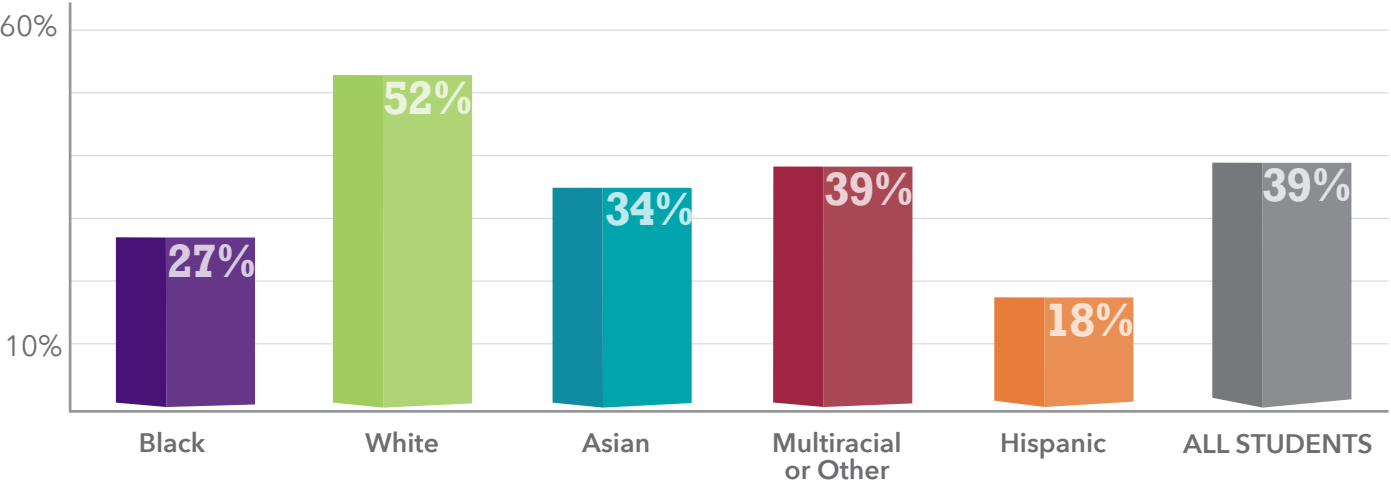
FY17 FRANKLIN COUNTY Students Demonstrating Readiness

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	948	1,323	1,269	3,541
White	2,744	1,691	819	5,253
Asian	171	171	161	503
Multiracial/Other	276	268	169	713
Hispanic	200	418	489	1,107
ALL STUDENTS	4,340	3,872	2,907	11,118

FY17 % FRANKLIN COUNTY Students Demonstrating Readiness

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	26.8%	37.4%	35.8%
White	52.2%	32.2%	15.6%
Asian	34.1%	34.0%	31.9%
Multiracial/Other	38.7%	37.6%	23.7%
Hispanic	18.1%	37.8%	44.2%
ALL STUDENTS	39.0%	34.8%	26.1%

FY17 % FRANKLIN COUNTY Students Demonstrating Readiness



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Race & Ethnicity

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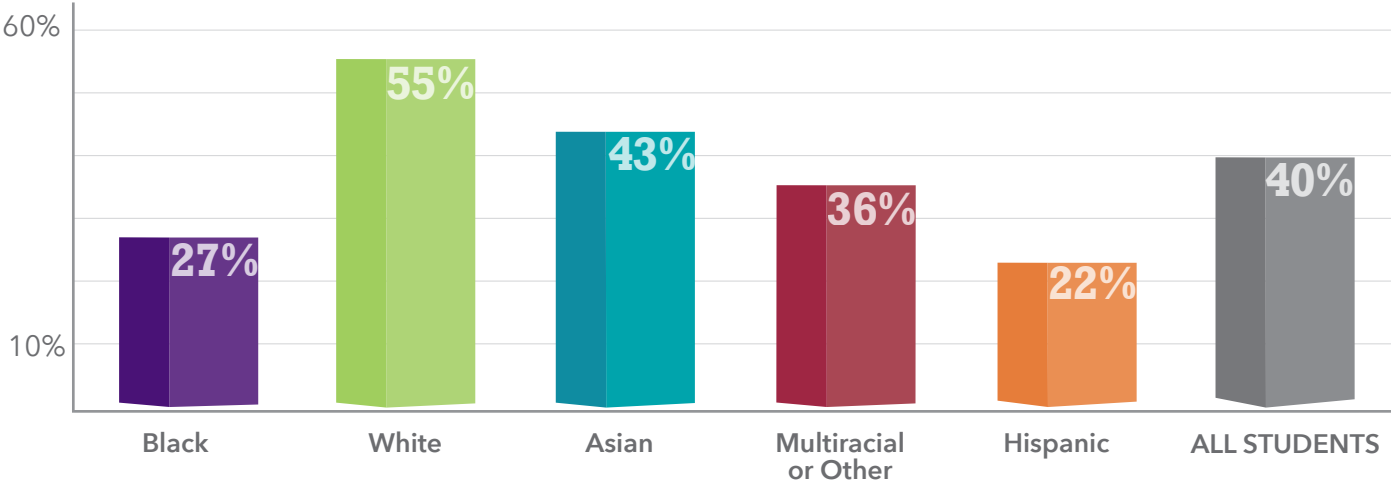
FY17 HAMILTON COUNTY Students Demonstrating Readiness

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	728	1,041	896	2,665
White	1,534	870	408	2,812
Asian	64	43	42	149
Multiracial/Other	136	147	99	381
Hispanic	76	134	142	352
ALL STUDENTS	2,538	2,234	1,587	6,359

FY17 % HAMILTON COUNTY Students Demonstrating Readiness

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	27.3%	39.1%	33.6%
White	54.5%	30.9%	14.5%
Asian	43.2%	28.7%	28.1%
Multiracial/Other	35.6%	38.4%	26.0%
Hispanic	21.7%	38.1%	40.2%
ALL STUDENTS	39.9%	35.1%	25.0%

FY17 % HAMILTON COUNTY Students Demonstrating Readiness



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Race & Ethnicity

Note: Data is only reported at the school district level. The numbers at each KRA performance level are estimated based on Kindergarten enrollment data and used to weight percentages to compute county averages.

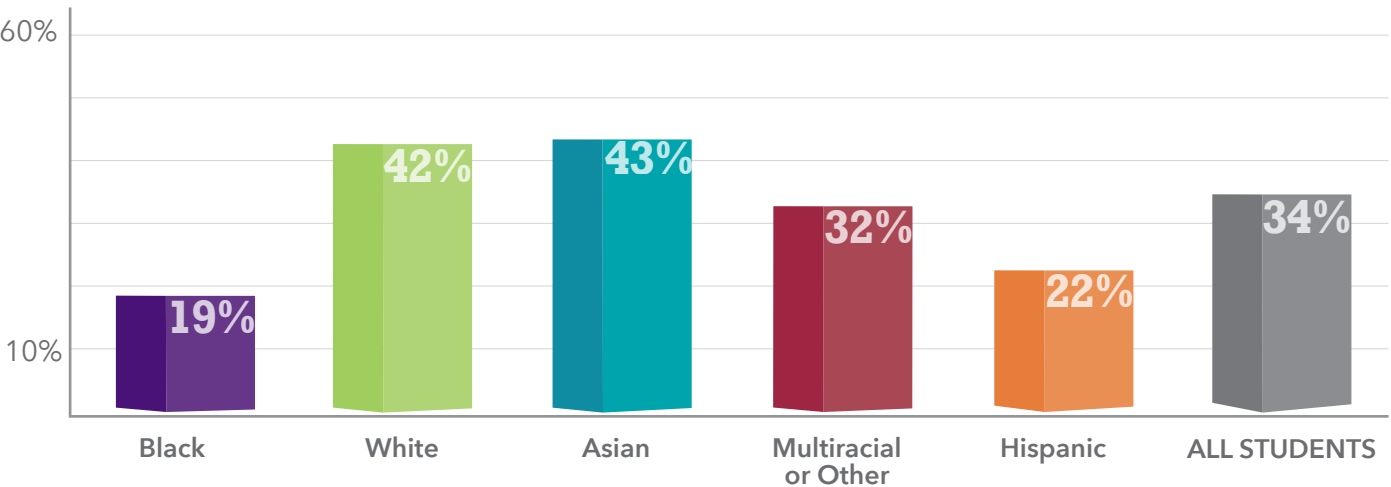
FY17 MONTGOMERY COUNTY Students Demonstrating Readiness

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	224	509	468	1,201
White	978	935	435	2,348
Asian	18	14	10	42
Multiracial/Other	68	84	65	217
Hispanic	26	49	45	119
ALL STUDENTS	1,314	1,590	1,023	3,928

FY17 % MONTGOMERY COUNTY Students Demonstrating Readiness

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	18.7%	42.4%	39.0%
White	41.7%	39.8%	18.5%
Asian	42.5%	32.8%	24.7%
Multiracial/Other	31.5%	38.6%	29.9%
Hispanic	21.6%	40.9%	37.5%
ALL STUDENTS	33.5%	40.5%	26.1%

FY17 % MONTGOMERY COUNTY Students Demonstrating Readiness



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Race & Ethnicity

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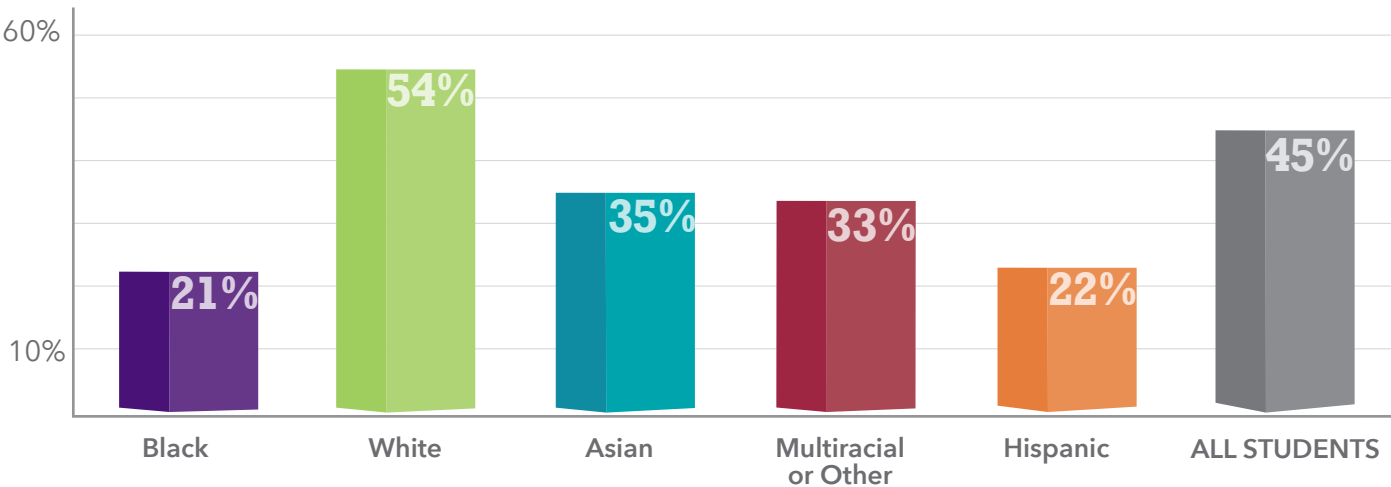
FY17 SUMMIT COUNTY Students Demonstrating Readiness

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	205	373	413	991
White	1,743	996	475	3,214
Asian	19	20	15	54
Multiracial/Other	78	97	63	238
Hispanic	17	20	41	78
ALL STUDENTS	2,062	1,506	1,007	4,574

FY17 % SUMMIT COUNTY Students Demonstrating Readiness

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	20.7%	37.7%	41.7%
White	54.2%	31.0%	14.8%
Asian	35.3%	37.0%	27.8%
Multiracial/Other	32.9%	40.7%	26.5%
Hispanic	22.1%	25.5%	52.4%
ALL STUDENTS	45.1%	32.9%	22.0%

FY17 % SUMMIT COUNTY Students Demonstrating Readiness



Kindergarten Readiness



REGIONAL ANALYSIS: Kindergarten Readiness by Race & Ethnicity

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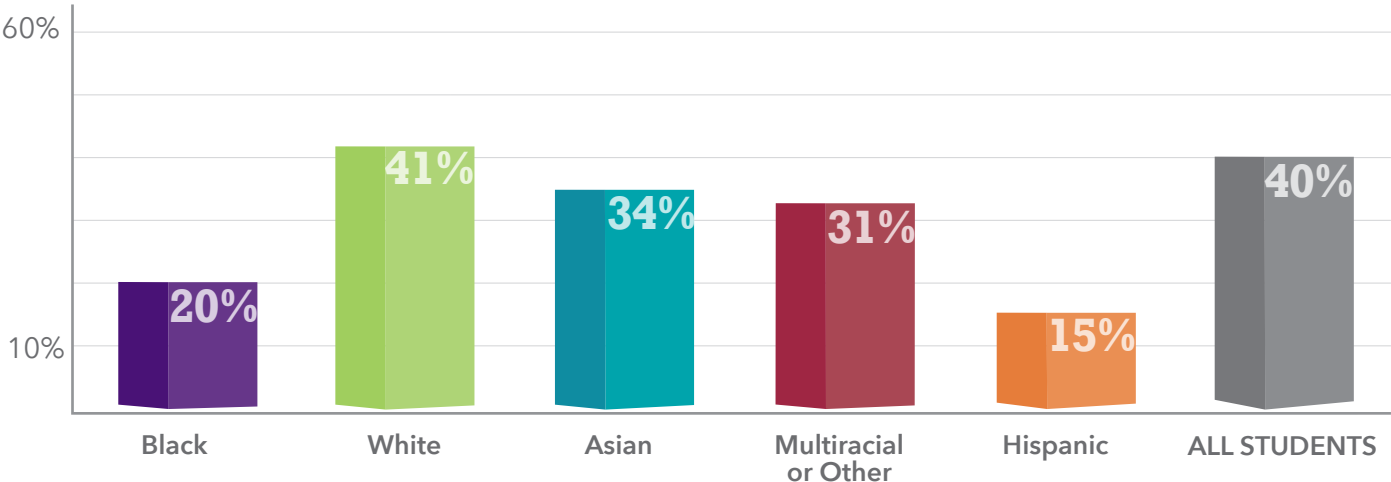
FY17 APPALACHIAN REGION Students Demonstrating Readiness

Race & Ethnicity	# of Students Demonstrating Readiness	# of Students Approaching Readiness	# Students Emerging Readiness	TOTALS
Black	119	227	255	602
White	7,257	6,567	3,812	17,636
Asian	6	8	3	17
Multiracial/Other	118	143	117	378
Hispanic	43	97	145	286
ALL STUDENTS	7,543	7,042	4,333	18,919

FY17 % APPALACHIAN REGION Students Demonstrating Readiness

Race & Ethnicity	% of Students Demonstrating Readiness	% of Students Approaching Readiness	% Students Emerging Readiness
Black	19.8%	37.7%	42.5%
White	41.1%	37.2%	21.6%
Asian	34.4%	48.4%	17.2%
Multiracial/Other	31.3%	37.8%	31.0%
Hispanic	15.2%	34.0%	50.8%
ALL STUDENTS	39.9%	37.2%	22.9%

FY17 % APPALACHIAN REGION Students Demonstrating Readiness



Kindergarten Readiness

WHY ARE BLACK CHILDREN IN MONTGOMERY COUNTY THE LEAST READY FOR KINDERGARTEN?

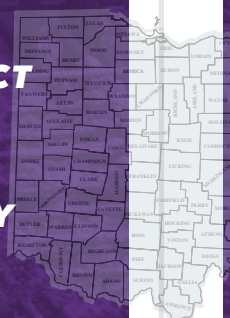
Learn to Earn Dayton has found when they further disaggregate this same data by both race and gender that black males fared even worse than black females. Only slightly more than 1 in 10 black boys start kindergarten ready to learn in Montgomery County.

WHY ARE CHILDREN OF COLOR IN THE PRIMARILY RURAL APPALACHIAN REGION FALLING BEHIND?

Although there are far less children of color in the Appalachian region, children of color in this primarily rural region of the state are performing worse than the largest urban areas and the state average of children of color ready for kindergarten.

Reflection

**HOW DOES RACE INTERSECT
WITH GENDER TO TELL
A MORE COMPLETE STORY
OF OHIO KIDS?**



**HOW ELSE CAN WE ENHANCE
STUDENT ACHIEVEMENT
IN KINDERGARTEN
AND BEYOND?**

Reflection

Kindergarten Readiness:

SOURCES

Ohio Department of Education,
Ohio Kindergarten Readiness Assessment
[http://education.ohio.gov/Topics/Early-Learning/Kindergarten/
Ohios-Kindergarten-Readiness-Assessment](http://education.ohio.gov/Topics/Early-Learning/Kindergarten/Ohios-Kindergarten-Readiness-Assessment)

DATA SOURCE

Ohio Department of Education, FY17 School Report Cards



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Ohio Early Childhood Race & Rural Equity Report

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