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# Kindergarten Readiness Assessment (KRA) Results

Analyses for the Fall 2022 Statewide Administration of the KRA

# Background



- Section 59-152-33 requires the adoption and administration of a Kindergarten Readiness Assessment
- Proviso 1A.58 requires each entering Kindergarten student to participate in the KRA within the first 45 days of school
- EOC staff have reported on the KRA findings since the 2017-18 school year

# What Does the KRA Measure?

- **KRA** assesses readiness in four domains:
  - **Language and Literacy** (34 points, 35% of total)
  - **Mathematics** (25 points, 26% of total)
  - **Physical Well-Being and Motor Development** (14 points, 14%)
  - **Social Foundations** (24 points, 25% of total)
- Uses **selected response** items, **performance tasks**, and **observational rubrics**



# Demographics of the Population Tested

Identified Racial/Ethnic Group	2018-19 School Year		2019-20 School Year		2020-21 School Year		2021-22 School Year		2022-23 School Year	
	n	%	n	%	n	%	n	%	n	%
African American	17,565	32%	13,863	32%	14,965	31%	16,872	31%	17,017	30%
American Indian/Native American	190	0.3%	113	0.3%	130	0.3%	134	0.2%	172	0.3%
Asian	925	2%	628	2%	828	2%	899	2%	1,000	2%
Hispanic	5,507	10%	4,100	10%	5,371	11%	6,921	13%	7,541	13%
Multiracial	3,043	6%	2,509	6%	3,011	6%	3,662	7%	4,228	7%
Pacific Islander	71	0.1%	59	0.1%	64	0.1%	47	0.1%	64	0.1%
White	27,582	50%	20,855	50%	23,330	49%	26,357	48%	26,430	47%
Unreported	21	<0.1%	13,567	24%	822	2%	4	0.01%	31	0.05%
<b>Total</b>	<b>54,904</b>	<b>100%</b>	<b>55,694</b>	<b>100%</b>	<b>48,521</b>	<b>100%</b>	<b>54,896</b>	<b>100%</b>	<b>56,483</b>	<b>100%</b>

Students with no reported racial or ethnic group were subtracted from the denominator to allow for easier group comparisons across years. Percentages on the Unreported line represent the proportion of Total students assessed, while percentages on the lines for each Racial / Ethnic Group represent the proportion of all reported students identified in that group.

# Demographics of the Population Tested

Poverty Status	2021-22 School Year		2022-23 School Year	
	<i>n</i>	%	<i>n</i>	%
PIP	35,704	65%	35,862	63%
Not PIP	19,191	35%	20,459	36%
<b>Total</b>	<b>54,896</b>	<b>100%</b>	<b>56,483</b>	<b>99%</b>

\*In 2021-22 school year 1 student's PIP status was not reported, and in 2022-23 162 students' PIP status was not reported.

IEP Status	2021-22 School Year		2022-23 School Year	
	<i>n</i>	%	<i>n</i>	%
IEP	7,392	13%	5,567	10%
No IEP	47,504	87%	50,916	90%
<b>Total</b>	<b>54,896</b>	<b>100%</b>	<b>56,483</b>	<b>100%</b>

\*Using SWD developed from EFA code

EL Status	2021-22 School Year		2022-23 School Year	
	<i>n</i>	%	<i>n</i>	%
EL	5,694	10%	6,034	11%
Non-EL	49,202	90%	50,449	89%
<b>Total</b>	<b>54,896</b>	<b>100%</b>	<b>56,483</b>	<b>100%</b>



# Statewide Readiness Results, Fall 2021 and 2022

Fall	Number	Emerging Readiness	Approaching Readiness	Demonstrating Readiness
2021	52,816*	28%	36%	36%
2022	53,508*	27%	34%	38%

- Statewide in 2022, **38% of students demonstrated readiness** to engage with kindergarten-level instruction
  - This is an increase from years prior



# Results by Identified Racial / Ethnic Group Fall 2022

Identified Racial/Ethnic Group	Number	Emerging Readiness	Approaching Readiness	Demonstrating Readiness
African American	17,017	35%	31%	28%
American Indian/Native American	172	35%	32%	27%
Asian	1,000	17%	28%	46%
Hispanic	7,541	39%	32%	23%
Multiracial	4,228	26%	34%	36%
Pacific Islander	64	42%	25%	27%
White	26,430	19%	31%	45%



# Statewide Results by Student Demographics Fall 2022

Poverty Status	Number	Emerging Readiness	Approaching Readiness	Demonstrating Readiness
PIP	35,862	32%	35%	<b>28%</b>
Not PIP	20,459	15%	28%	<b>51%</b>

IEP Status	Number	Emerging Readiness	Approaching Readiness	Demonstrating Readiness
IEP	5,567	46%	28%	<b>18%</b>
No IEP	50,916	24%	33%	<b>38%</b>

EL Status	Number	Emerging Readiness	Approaching Readiness	Demonstrating Readiness
EL	6,034	44%	32%	<b>21%</b>
Non-EL	50,449	24%	33%	<b>38%</b>





KRA Performance Level Description		Emerging Readiness	Approaching Readiness	Demonstrating Readiness
4K Experience		2022-23 Number (%)	2022-23 Number (%)	2022-23 Number (%)
CERDEP	CERDEP 4K	2,008 (20%)	3,611 (36%)	4,279 (43%)
	First Steps 4K	557 (32%)	717 (41%)	496 (28%)
Subtotal: All CERDEP		2,565 (22%)	4,328 (37%)	4,775 (41%)
Non-CERDEP	Head Start	545 (35%)	610 (39%)	420 (27%)
	Other Public 4K (non-CERDEP)	3,598 (26%)	5,074 (36%)	5,424 (38%)
	Private Formal 4K Experience	1,076 (12%)	2,519 (29%)	5,128 (59%)
	Unknown	6,800 (39%)	5,886 (34%)	4,760 (27%)
Subtotal Non-CERDEP		12,019 (29%)	14,089 (34%)	15,732 (38%)
TOTAL		14,584 (27%)	18,417 (34%)	20,507 (38%)

# Results by Pre-Kindergarten Program or Setting Fall 2022



Note: slight variances in totals/percentages are attributed to rounding errors.

# Results for PIP by CERDEP / Non-CERDEP Fall 2022

4K Experience	KRA Performance: <i>Emerging Readiness</i>	KRA Performance: <i>Approaching Readiness</i>	KRA Performance: <i>Demonstrating Readiness</i>
All CERDEP (n=11,668)	2,565 (22%)	4,328 (37%)	4,775 (41%)
Pupils in Poverty Non-CERDEP (n=23,465)	8,729 (37%)	8,416 (36%)	6,320 (27%)

Source: SCDE, 2022-23 45-day files



# Questions?



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