EXECUTIVE SUMMARY

March 11, 2022

TO: School Board Members

THROUGH: Michael J. Burke, Superintendent

FROM: Edward C. Tierney, Deputy Superintendent/Chief of Schools
         Glenda Sheffield, Ed.D., Chief Academic Officer
         Adam Miller, Ph.D., Assistant Superintendent, Performance Accountability

SUBJECT: **FY22 FLORIDA KINDERGARTEN READINESS SCREENER (FLKRS) STAR EARLY LITERACY REPORT**

The FY22 FLKRS STAR Early Literacy (SEL) assessment[1] data were released by the Florida Department of Education (FDOE) on February 3, 2022. For FY22, the FLKRS administration window was from August 10 through September 23, 2021. This document summarizes the data. For the present analyses, students' FLKRS scores were joined to their demographics and school assignments as of February 7, 2022. The highest score was used in the case of multiple scores for a student.

Table 1 displays the Kindergarten (KG) enrollment, FLKRS-SEL participation, and Kindergarten Readiness Rates. Among Kindergarten students entering in the Fall of FY22, 51.4% were deemed Kindergarten Ready, which is slightly above the state average level of 50%.[2] The FY22 Kindergarten Readiness Rate (51.4%) is similar to the historical Readiness Rates, but lower than the 61.5% registered in FY21. The elevated FY21 Readiness Rate is due to the lower participation (66.1%) that was obtained due to distance learning during the Covid-19 Pandemic.

Table 1: FLKRS-SEL Participation and Readiness FY19 to FY22 (as matched to the District database)

School Year	KG Enrolled	Number of Participation	Percent of Participation	Number KG Ready	Percent KG Ready
FY22	14,130[3]	11,995	84.9	6,162	51.4
FY21	13,584	8,980	66.1	5,525	61.5
FY20	13,654	13,026	95.4	6,727	51.6
FY19	13,619	13,015	95.6	6,001	46.1

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[1] Florida Statute 1002.69 requires the FDOE to adopt a State-wide Kindergarten screening instrument that assesses the readiness of each student for Kindergarten based on the performance standards adopted by the FDOE, under section 1002.67(1), F.S., for the VPK Program.

[2] The Florida Department of Education specifies a FLKRS score of 500 as "Kindergarten Ready".

[3] KG enrollment as of December 10, 2021.

Tables 2A and 2B display the percentage of students who were KG Ready by gender and ethnicity. Beyond the FDOE definition of "Ready," Table 2B also includes the five Literacy Classifications assigned by the STAR assessment overall and for student's subgroups[4] White-Females at 70.9% and White-Males at 66.7% were the highest performing groups, while Hispanic-Males at 38.4% and Black-Males at 39.8% comprised lower performing groups. Students with Disabilities (SWD) and English Language Learners (ELL) registered readiness rates of 40.2% and 22.3%, respectively.

Table 2A: FY22 FLKRS-SEL Readiness by Ethnicity & Gender, SWD, FRL and ELL

Group	Tested	KG Ready	
		n	*%*
Total	11,994	6,162	51.4
Black-Female	1,591	752	47.3
Black-Male	1,584	631	39.8
Hispanic-Female	2,194	948	43.2
Hispanic-Male	2,275	874	38.4
White-Female	1,783	1,265	70.9
White-Male	1,816	1,212	66.7
Female	5,950	3,212	54.0
Male	6,044	2,950	48.8
FRL	7,469	3,042	40.7
SWD	1,349	542	40.2
ELL (LY & LF)	2,863	639	22.3

Table 2B: FY22 FLKRS-SEL Literacy Classification by Ethnicity & Gender, SWD, FRL and ELL

Group	Early Emergent Reader		Late Emergent Reader		Early Transitional Reader		Late Transitional Reader		Probable Reader	
	n	*%*	*n*	*%*	*n*	*%*	*n*	*%*	*n*	*%*
Total	5,500	45.9	5,221	43.5	632	5.27	322	2.7	319	2.7
Black-Female	789	49.6	704	44.2	57	3.6	29	1.8	12	0.8
Black-Male	905	57.1	583	36.8	50	3.2	17	1.1	29	1.8
Hispanic-Female	1,179	53.7	838	38.2	84	3.8	56	2.6	37	1.7
Hispanic-Male	1,343	59.0	754	33.1	93	4.1	35	1.5	50	2.2
White-Female	476	26.7	1,021	57.3	149	8.4	80	4.5	57	3.2
White-Male	550	30.3	963	53.0	133	7.3	81	4.5	89	4.9
Female	2,570	43.2	2,746	46.2	323	5.4	178	3.0	133	2.2
Male	2,930	48.5	2,475	40.9	309	5.1	144	2.4	186	3.1
FRL	4,208	56.3	2,807	37.6	250	3.3	107	1.4	97	1.3
SWD	771	57.2	485	36.0	53	3.9	20	1.5	20	1.5
ELL (LY & LF)	2173	75.9	602	21.0	49	1.7	24	0.8	15	0.5

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[4] STAR Early Literacy Scaled Scores are used to classify every student into one of three broad stages of reading development: A. Emergent Reader, which is divided into: Early Emergent Reader - Scaled Scores ranging from 300 to 487; Late Emergent Reader - Scaled Scores ranging from 488 to 674; B. Transitional Reader, which is divided into: Early Transitional Reader - Scaled Scores from 675 to 724; Late Transitional Reader - Scaled Scores ranging from 725 to 774; and C. Probable Reader - Scaled Scores from 775 to 900.

Tables 3A and 3B display the Mean Scale Scores (ranging from 300-900) and subdomain scores (ranging from 1-99) for the District and student subgroups. The subdomain represents the skills assessed by the FLKRS-SEL. Across subgroups, **Visual Discrimination** (differentiate both upper and lower case letters, identify words that are different and match words that are the same) had the highest average score (70.3), while **Paragraph Comprehension** (assesses a student's ability to identify the main topic of text and the ability to answer literal and inferential questions after listening to or reading text) and **Structural Analysis** (assesses a student's understanding of affixes and syllable patterns in decoding and identification of compound words) had the lowest average score (31.0).

Table 3A: FY22 FLKRS-SEL Overall Mean Score and Subdomain Mean Scores by Ethnicity & Gender, SWD, FRL and ELL

Group	Overall Mean Scaled Score	Alphabetic Principles	Concept of Words	Visual Discrimination	Phonemic Awareness	Phonics
Total	512.6	68.7	63.7	70.3	38.7	38.2
Black-Female	498.6	67.4	62.2	69.2	36.4	35.8
Black-Male	484.2	64.2	58.9	65.9	33.8	33.2
Hispanic-Female	491.4	65.0	59.9	66.7	35.0	34.4
Hispanic-Male	480.8	62.7	57.5	64.3	33.1	32.5
White-Female	558.1	76.8	72.1	78.3	46.6	46.2
White-Male	555.3	75.7	71.0	77.2	46.0	45.7
Female	517.4	69.8	64.8	71.4	39.5	39.0
Male	507.9	67.6	62.6	69.2	37.8	37.3
FRL	484.2	64.2	58.9	65.9	33.8	33.2
SWD	483.1	63.2	58.1	64.9	33.5	32.9
ELL (LY & LF)	436.5	54.2	48.8	55.9	25.3	24.6

Table 3B: FY22 FLKRS-SEL Subdomain Mean Scores by Ethnicity & Gender, SWD, FRL and ELL

Group	Structural Analysis	Vocabulary	Sentence Comprehension	Paragraph Comprehension	Early Numeracy
Total	31.0	39.2	32.9	31.0	58.6
Black-Female	28.5	37.0	30.3	28.7	56.8
Black-Male	26.3	34.4	27.9	26.7	53.4
Hispanic-Female	27.5	35.5	29.2	27.8	54.5
Hispanic-Male	25.9	33.6	27.5	26.3	52.1
White-Female	38.5	47.2	40.8	37.7	67.4
White-Male	38.1	46.6	40.4	37.5	66.3
Female	31.8	40.1	33.7	31.6	59.7
Male	30.3	38.4	32.1	30.4	57.4
FRL	26.3	34.3	27.9	26.7	53.4
SWD	26.2	34.1	27.9	26.6	52.7
ELL (LY & LF)	18.8	25.8	19.9	19.8	43.1

Table 4 displays the Readiness Rates for students tested at each District-operated school. Among the District-operated schools with 10 or more students tested, Morikami Park Elementary at 89.8% had the highest percent of students Kindergarten Ready while Highland Elementary at 18.2% had the lowest percent. Table 5 displays the Kindergarten Readiness Rates at Charter schools. Ben Gamla at 79.5% had the highest Kindergarten Readiness Rate while Glades Academy at 33.3% had the lowest (See Table 5).

Table 4: FY22 FLKRS-SEL Readiness for Current KG Students by District-Operated Schools

School	Number Tested	Number KG Ready	Percent KG Ready
Acreage Pines Elementary	66	49	74.2%
Addison Mizner Elementary	142	103	72.5%
Allamanda Elementary	85	45	52.9%
Banyan Creek Elementary	122	94	77.0%
Barton Elementary	144	28	19.4%
Belle Glade Elementary	89	32	36.0%
Belvedere Elementary	54	19	35.2%
Benoist Farms Elementary	64	22	34.4%
Berkshire Elementary	140	49	35.0%
Binks Forest Elementary	180	122	67.8%
Boca Raton Elementary	41	26	63.4%
Calusa Elementary	179	137	76.5%
Cholee Lake Elementary	161	107	66.5%
Citrus Cove Elementary	148	62	41.9%
CO Taylor/Kirklane Elementary	191	50	26.2%
Coral Reef Elementary	159	97	61.0%
Coral Sunset Elementary	98	60	61.2%
Crosspointe Elementary	111	43	38.7%
Crystal Lakes Elementary	95	67	70.5%
Cypress Trails Elementary	79	44	55.7%
DD Eisenhower Elementary	52	28	53.8%
Del Prado Elementary	89	65	73.0%
Diamond View Elementary	127	53	41.7%
Discovery Key Elementary	131	81	61.8%
Dr. MM Bethune Elementary	64	30	46.9%
Egret Lake Elementary	81	30	37.0%
Elbridge Gale Elementary	128	85	66.4%
Equestrian Trails Elementary	117	92	78.6%
Everglades Elementary	105	51	48.6%
Forest Hill Elementary	89	39	43.8%
Forest Park Elementary	72	17	23.6%
Freedom Shores Elementary	108	47	43.5%
Frontier Elementary	112	56	50.0%
Galaxy Elementary	93	25	26.9%
Glade View Elementary	53	18	34.0%
Golden Grove Elementary	112	74	66.1%
Gove Elementary	67	18	26.9%

School	Number Tested	Number KG Ready	Percent KG Ready
Grassy Waters Elementary	98	48	49.0%
Greenacres Elementary	101	38	37.6%
Grove Park Elementary	89	22	24.7%
Hagen Road Elementary	119	63	52.9%
Hammock Pointe Elementary	156	71	45.5%
Heritage Elementary	123	33	26.8%
Hidden Oaks Elementary	76	31	40.8%
Highland Elementary	132	24	18.2%
HL Johnson Elementary	112	77	68.8%
Hope-Centennial Elementary	98	33	33.7%
Indian Pines Elementary	65	30	46.2%
JC Mitchell Elementary	89	43	48.3%
Jerry Thomas Elementary	102	67	65.7%
Jupiter Elementary	122	32	26.2%
Jupiter Farms Elementary	105	73	69.5%
KEC/Canal Point Elementary	24	10	41.7%
Lake Park Elementary	68	22	32.4%
Lantana Elementary	62	22	35.5%
Liberty Park Elementary	114	29	25.4%
Lighthouse Elementary	181	141	77.9%
Limestone Creek Elementary	131	101	77.1%
Lincoln Elementary	43	9	20.9%
Loxahatchee Groves Elementary	84	42	50.0%
Manatee Elementary	163	114	69.9%
Marsh Pointe Elementary	116	92	79.3%
Meadow Park Elementary	104	48	46.2%
Melaleuca Elementary	99	21	21.2%
Morikami Park Elementary	127	114	89.8%
New Horizons Elementary	101	56	55.4%
North Grade Elementary	89	39	43.8%
Northboro Elementary	113	55	48.7%
Northmore Elementary	103	35	34.0%
Orchard View Elementary	81	35	43.2%
Pahokee Elementary	36	15	41.7%
Palm Beach Gardens Elementary	85	57	67.1%
Palm Beach Public Elementary	55	46	83.6%
Palm Springs Elementary	119	47	39.5%
Palmetto Elementary	69	26	37.7%
Panther Run Elementary	87	66	75.9%
Pierce Hammock Elementary	79	50	63.3%
Pine Grove Elementary	38	13	34.2%
Pine Jog Elementary	116	53	45.7%
Pioneer Park Elementary	36	13	36.1%
Pleasant City Elementary	44	17	38.6%
Plumosa Sch of the Arts	53	37	69.8%

School	Number Tested	Number KG Ready	Percent KG Ready
Poinciana Elementary	63	28	44.4%
Rolling Green Elementary	85	31	36.5%
Roosevelt Elementary	41	13	31.7%
Rosenwald Elementary	41	13	31.7%
Royal Palm Beach Elementary	105	52	49.5%
Sandpiper Shores Elementary	118	68	57.6%
SD Spady Elementary	63	38	60.3%
Seminole Trails Elementary	85	37	43.5%
South Grade Elementary	92	25	27.2%
South Olive Elementary	73	38	52.1%
Starlight Cove Elementary	108	35	32.4%
Sunrise Park Elementary	161	124	77.0%
Sunset Palms Elementary	131	100	76.3%
The Conservatory School	90	42	46.7%
Timber Trace Elementary	125	75	60.0%
UB Kinsey/Palmview Elementary	65	31	47.7%
Verde Elementary	162	88	54.3%
Village Academy Center	58	28	48.3%
Virtual Instructional Program	35	26	74.3%
Washington Elementary	35	13	37.1%
Waters Edge Elementary	95	75	78.9%
Wellington Elementary	110	62	56.4%
West Gate Elementary	101	26	25.7%
West Riviera Elementary	101	20	19.8%
Westward Elementary	51	18	35.3%
Whispering Pines Elementary	127	88	69.3%
Wynnebrook Elementary	104	58	55.8%

Table 5: FY22 FLKRS-SEL Readiness for Current KG Students by Charter Schools

School	Number Tested	Number KG Ready	Percent KG Ready
Academy for Positive Learning	13	6	46.2%
Ben Gamla	39	31	79.5%
Bridge Prep Academy	28	20	71.4%
Bright Futures	19	7	36.8%
Champs Charter Wellington	27	14	51.9%
Champs RPB	79	32	40.5%
Franklin Academy Charter-B	145	76	52.4%
Franklin Academy Charter-D	121	69	57.0%
Gardens School of Technology	26	15	57.7%
Glades Academy Elem	24	8	33.3%
Imagine-Chancellor Charter	114	66	57.9%
JFK Charter	58	34	58.6%
Montessori Academy Early Enrich	31	15	48.4%
Palm Beach Maritime Academy	100	36	36.0%
Renaissance Charter School at Cypress	80	40	50.0%
Renaissance Charter School Central Palm	46	23	50.0%
Renaissance Gardens West	89	39	43.8%
Renaissance School at WPB	109	51	46.8%
Renaissance Summit	128	59	46.1%
Somerset Academy Boca East	60	47	78.3%
University Preparatory Academy	37	19	51.4%
Western Academy Charter	36	26	72.2%

Elementary school staff should review these and other available data, such as the iReady diagnostic, to uncover the strengths and weaknesses of our entering Kindergarten students. Targeting early support to address deficiencies is essential to ensuring students are prepared for success throughout their education and beyond. Schools might use the Kindergarten data to understand which groups of students struggle with which skills. Some suggested reflection questions are:

- Which groups of students are not ready for Kindergarten?
- Are there particular skills where they are struggling?
- What interventions are available to help these students?
- What support is needed to help these students?

Prior-year school data may be found in Bulletin #PD 21-122 DSCOS. Questions concerning these data may be address to Paul Houchens, Director, Research and Evaluation at 561-434-8780.

MJB/ECT/GS/AM/PH/RC/DX:wl
Attachment

c: Academic and Operating Chiefs
Regional/Instructional Superintendents
Assistant Superintendents
Academic Directors
Principals