

Florida Instructional Services FSA Gains Analyses
2020-2021 School Year
September 2021

Table 1. Demographics (n = 296)

Demographic	# Students	% of Sample
Grade Level		
6	24	8.11%
7	32	10.81%
8	60	20.27%
9	36	12.16%
10	62	20.95%
11	61	20.61%
12	21	7.09%
Gender		
Male	147	49.66%
Female	149	50.34%
Race/Ethnicity		
Asian	3	1.01%
Black	39	13.18%
Hispanic	42	14.19%
Multiracial	16	5.41%
White	196	66.22%

Table 2. Course Usage by Grade Level

Grade Level	# Enrollments	Avg Active Time	Avg Progress	Avg Overall Grade	# Completions
6	178	46:15:57	90.31%	79.19%	162
7	253	43:30:31	96.68%	79.66%	245
8	459	50:53:42	90.42%	77.98%	402
9	253	49:32:09	97.93%	81.55%	247
10	494	48:49:00	98.71%	83.53%	483
11	492	44:57:33	93.21%	81.03%	455
12	151	37:06:22	96.17%	80.26%	146
Grand Total	2280	46:54:45	94.71%	80.64%	2140

Table 3. Course Usage by Subject

Subject	# Enrollments	Avg Active Time	Avg Progress	Avg Overall Grade	# Completions
Language Arts	649	43:38:26	95.36%	79.36%	609
Math	566	54:18:58	95.07%	80.93%	525
Science	510	39:46:27	96.21%	82.38%	482
Social Studies	555	50:12:24	95.79%	82.15%	524
Grand Total	2280	47:04:41	95.58%	81.1%	2140

Table 4. Course Usage by Race/Ethnicity

Ethnicity	# Enrollments	Avg Active Time	Avg Progress	Avg Overall Grade	# Completions
Asian	22	37:02:51	100%	87.39%	22
Black	283	55:55:35	93.68%	79.16%	259
Hispanic	337	50:09:33	94.12%	81.96%	310
Multiracial	127	56:46:37	98.07%	80.97%	126
White	1511	44:02:31	96.00%	81.2%	1423
Grand Total	2280	47:04:41	95.58%	81.10%	2140

Table 5. FSA Scores by Grade Level

Test (Grade)	Sample Size	2019 Score	2019 % Proficient	2021 Score	2021 % Proficient	2019–2021 Growth	Sig.	Effect Size
ELA (6 th)	23	325.52	60.87	336.91	47.83	11.39	0.00	0.62
ELA (7 th)	30	325.27	36.67	335.60	33.33	10.33	0.00	0.50
ELA (8 th)	51	327.84	33.33	338.12	33.33	10.28	0.00	0.44
ELA (9 th)	29	335.45	34.48	343.97	27.59	8.52	0.00	0.41
ELA (10 th)	52	342.12	26.92	352.40	28.85	10.28	0.00	0.55
ELA (11 th)	26	335.35	19.23	338.15	7.69	2.80	0.32	0.15
ELA (12 th)	7	332.57	0.00	341.71	0.00	9.14	0.04	0.85
ELA (6 th –12 th)	218	332.71	32.57	341.95	28.90	9.24	0.00	0.44
Math (6 th)	24	323.42	54.17	322.38	12.50	-1.04	0.73	-0.06
Math (7 th)	27	326.30	51.85	327.41	18.52	1.11	0.65	0.06
Math (8 th)	31	320.68	22.58	325.84	16.13	5.16	0.09	0.25
Math (8 th)	5	324.40	20.00	326.40	0.00	2.00	0.67	0.19
Math (6 th –8 th)	87	323.39	40.23	325.40	14.94	2.01	0.49	0.10
Algebra (7 th)	3	N/A	N/A	540.33	100.00	N/A	N/A	N/A
Algebra (8 th)	11	N/A	N/A	485.73	9.09	N/A	N/A	N/A
Algebra (9 th)	17	N/A	N/A	488.94	17.65	N/A	N/A	N/A
Algebra (10 th)	22	N/A	N/A	478.23	4.55	N/A	N/A	N/A
Algebra (11 th)	21	N/A	N/A	473.86	4.76	N/A	N/A	N/A
Algebra (12 th)	5	N/A	N/A	498.40	20.00	N/A	N/A	N/A
Algebra (7 th –12 th)	79	N/A	N/A	484.05	12.66	N/A	N/A	N/A
Biology (8 th)	1	N/A	N/A	445.00	100.00	N/A	N/A	N/A
Biology (9 th)	10	N/A	N/A	416.50	50.00	N/A	N/A	N/A
Biology (10 th)	30	N/A	N/A	395.97	10.00	N/A	N/A	N/A
Biology (11 th)	3	N/A	N/A	364.67	0.00	N/A	N/A	N/A
Biology (8 th –11 th)	44	N/A	N/A	399.61	20.45	N/A	N/A	N/A
Civics (7 th)	5	N/A	N/A	381.80	20.00	N/A	N/A	N/A
Civics (8 th)	33	N/A	N/A	401.79	42.42	N/A	N/A	N/A
Civics (9 th)	1	N/A	N/A	399.00	0.00	N/A	N/A	N/A
Civics (7 th –9 th)	39	N/A	N/A	399.15	38.46	N/A	N/A	N/A
Geometry (8 th)	6	N/A	N/A	520.50	50.00	N/A	N/A	N/A
Geometry (9 th)	10	N/A	N/A	501.70	20.00	N/A	N/A	N/A
Geometry (10 th)	21	N/A	N/A	492.57	14.29	N/A	N/A	N/A
Geometry (11 th)	17	N/A	N/A	461.00	0.00	N/A	N/A	N/A
Geometry (12 th)	10	N/A	N/A	463.50	0.00	N/A	N/A	N/A
Geometry (8 th –12 th)	64	N/A	N/A	483.69	12.50	N/A	N/A	N/A
US History (10 th)	4	N/A	N/A	402.00	25.00	N/A	N/A	N/A
US History (11 th)	47	N/A	N/A	398.98	17.02	N/A	N/A	N/A
US History (12 th)	3	N/A	N/A	418.00	66.67	N/A	N/A	N/A
US History (10 th –12 th)	54	N/A	N/A	400.26	20.37	N/A	N/A	N/A

Table 6. FSA Scores by Race/Ethnicity

Test (Race/Ethnicity)	Sample Size	2019 Score	2019 % Proficient	2021 Score	2021 % Proficient	2019–2021 Growth	Sig.	Effect Size
ELA (Asian)	3	326.00	33.33	342.33	33.33	16.33	0.07	0.26
ELA (Black)	28	325.00	25.00	334.21	14.29	9.21	0.00	0.39
ELA (Hispanic)	33	334.18	27.27	343.76	30.30	9.58	0.00	0.55
ELA (Multiracial)	14	335.36	42.86	347.93	42.86	12.57	0.00	0.65
ELA (White)	140	333.78	34.29	342.46	30.00	8.68	0.00	0.42
Math (Asian)	1	343.00	100.00	346.00	100.00	3.00	N/A	N/A
Math (Black)	13	317.00	30.77	314.85	7.69	-2.15	0.68	-0.11
Math (Hispanic)	12	321.17	25.00	325.25	8.33	4.08	0.36	0.24
Math (Multiracial)	6	335.17	50.00	333.50	16.67	-1.67	0.78	-0.08
Math (White)	55	323.75	43.64	326.67	16.36	2.92	0.13	0.15
Algebra (Asian)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Algebra (Black)	11	N/A	N/A	466.18	0.00	N/A	N/A	N/A
Algebra (Hispanic)	15	N/A	N/A	490.67	6.67	N/A	N/A	N/A
Algebra (Multiracial)	2	N/A	N/A	474.50	0.00	N/A	N/A	N/A
Algebra (White)	51	N/A	N/A	486.33	17.65	N/A	N/A	N/A
Biology (Asian)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Biology (Black)	5	N/A	N/A	394.80	0.00	5	N/A	N/A
Biology (Hispanic)	7	N/A	N/A	377.43	0.00	7	N/A	N/A
Biology (Multiracial)	3	N/A	N/A	405.00	33.33	3	N/A	N/A
Biology (White)	29	N/A	N/A	405.24	27.59	29	N/A	N/A
Civics (Asian)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Civics (Black)	7	N/A	N/A	391.86	28.57	7	N/A	N/A
Civics (Hispanic)	7	N/A	N/A	399.00	42.86	7	N/A	N/A
Civics (Multiracial)	2	N/A	N/A	402.00	50.00	2	N/A	N/A
Civics (White)	23	N/A	N/A	401.17	39.13	23	N/A	N/A
Geometry (Asian)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Geometry (Black)	8	N/A	N/A	456.62	0.00	8	N/A	N/A
Geometry (Hispanic)	11	N/A	N/A	475.27	9.09	11	N/A	N/A
Geometry (Multiracial)	4	N/A	N/A	497.25	25.00	4	N/A	N/A
Geometry (White)	8	N/A	N/A	456.62	0.00	8	N/A	N/A
US History (Asian)	1	N/A	N/A	372.00	0.00	1	N/A	N/A
US History (Black)	9	N/A	N/A	387.89	11.11	9	N/A	N/A
US History (Hispanic)	7	N/A	N/A	394.86	14.29	7	N/A	N/A
US History (Multiracial)	2	N/A	N/A	437.50	50.00	2	N/A	N/A
US History (White)	35	N/A	N/A	403.20	22.86	35	N/A	N/A