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