# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS
## *Summary Report*
## Biology
### All Students

**Report Date:** FALL 2022
**Date of Testing:** FALL 2022

**STATEWIDE PRELIMINARY**

| Administration Summary | Number | Percent |
|---|---|---|
| Students Tested | 65337 | 86 |
| Students Not Tested | | |
| Absent | 8146 | 11 |
| Other | 2431 | 3 |
| Total Documents Submitted | 75914 | 100 |

Legend
--- = No Data Reported For Fewer Than Five Students

| | Number of Students Tested | Average Scale Score | Did Not Meet | | Approaches | | Meets | | Masters | | Results for Each Reporting Category | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 1 | | 2 | | 3 | | 4 | | 5 | |
| | | | | | | | | | | | Cell Structure and Function | | Mechanisms of Genetics | | Biological Evolution and Classification | | Biological Processes and Systems | | Interdependence within Environmental Systems | |
| | | | | | | | | | | | Number of Items Tested | | | | | | | | | |
| | | | | | | | | | | | 10 | | 10 | | 10 | | 10 | | 10 | |
| | | | | | | | | | | | Number of Items Correct | | | | | | | | | |
| | | | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| **All Students** | 65337 | 3532 | 43313 | 66 | 22024 | 34 | 6726 | 10 | 2093 | 3 | 3.1 | 31 | 3.3 | 33 | 4.0 | 40 | 4.0 | 40 | 3.8 | 38 |
| **Male** | 36355 | 3512 | 24990 | 69 | 11365 | 31 | 3485 | 10 | 1110 | 3 | 3.1 | 31 | 3.2 | 32 | 3.9 | 39 | 3.9 | 39 | 3.8 | 38 |
| **Female** | 28393 | 3558 | 17911 | 63 | 10482 | 37 | 3209 | 11 | 976 | 3 | 3.2 | 32 | 3.4 | 34 | 4.2 | 42 | 4.2 | 42 | 3.9 | 39 |
| **No Information Provided** | 589 | 3467 | 412 | 70 | 177 | 30 | 32 | 5 | 7 | 1 | 3.0 | 30 | 3.1 | 31 | 3.8 | 38 | 3.7 | 37 | 3.4 | 34 |
| **Hispanic/Latino** | 44273 | 3528 | 29372 | 66 | 14901 | 34 | 4411 | 10 | 1215 | 3 | 3.1 | 31 | 3.3 | 33 | 4.0 | 40 | 4.0 | 40 | 3.8 | 38 |
| **American Indian or Alaska Native** | 174 | 3499 | 122 | 70 | 52 | 30 | 14 | 8 | 6 | 3 | 3.1 | 31 | 3.3 | 33 | 3.6 | 36 | 3.7 | 37 | 3.7 | 37 |
| **Asian** | 1167 | 3947 | 554 | 47 | 613 | 53 | 437 | 37 | 277 | 24 | 4.7 | 47 | 4.9 | 49 | 5.5 | 55 | 5.5 | 55 | 5.3 | 53 |
| **Black or African American** | 10998 | 3441 | 8115 | 74 | 2883 | 26 | 430 | 4 | 76 | 1 | 2.8 | 28 | 3.0 | 30 | 3.5 | 35 | 3.7 | 37 | 3.5 | 35 |
| **Native Hawaiian or Other Pacific Islander** | 91 | 3543 | 62 | 68 | 29 | 32 | 14 | 15 | 2 | 2 | 3.2 | 32 | 3.4 | 34 | 4.1 | 41 | 4.0 | 40 | 4.0 | 40 |
| **White** | 6341 | 3649 | 3584 | 57 | 2757 | 43 | 1215 | 19 | 464 | 7 | 3.6 | 36 | 3.6 | 36 | 4.6 | 46 | 4.6 | 46 | 4.4 | 44 |
| **Two or More Races** | 922 | 3600 | 548 | 59 | 374 | 41 | 143 | 16 | 44 | 5 | 3.4 | 34 | 3.5 | 35 | 4.3 | 43 | 4.3 | 43 | 4.3 | 43 |
| **No Information Provided** | 1371 | 3462 | 956 | 70 | 415 | 30 | 62 | 5 | 9 | 1 | 2.9 | 29 | 3.0 | 30 | 3.8 | 38 | 3.7 | 37 | 3.5 | 35 |
| **Economically Disadvantaged** *Yes* | 48126 | 3499 | 33005 | 69 | 15121 | 31 | 3793 | 8 | 918 | 2 | 3.0 | 30 | 3.2 | 32 | 3.9 | 39 | 3.9 | 39 | 3.7 | 37 |
| *No* | 13818 | 3655 | 8027 | 58 | 5791 | 42 | 2677 | 19 | 1124 | 8 | 3.6 | 36 | 3.7 | 37 | 4.5 | 45 | 4.5 | 45 | 4.4 | 44 |
| *No Information Provided* | 3393 | 3494 | 2281 | 67 | 1112 | 33 | 256 | 8 | 51 | 2 | 3.0 | 30 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.7 | 37 |
| **Title I, Part A** *Participants* | 37545 | 3544 | 24494 | 65 | 13051 | 35 | 4198 | 11 | 1290 | 3 | 3.2 | 32 | 3.3 | 33 | 4.0 | 40 | 4.1 | 41 | 3.9 | 39 |
| *Nonparticipants* | 22284 | 3520 | 15189 | 68 | 7095 | 32 | 2046 | 9 | 721 | 3 | 3.1 | 31 | 3.2 | 32 | 3.9 | 39 | 4.0 | 40 | 3.8 | 38 |
| *No Information Provided* | 5508 | 3498 | 3630 | 66 | 1878 | 34 | 482 | 9 | 82 | 1 | 3.1 | 31 | 3.1 | 31 | 3.9 | 39 | 4.0 | 40 | 3.8 | 38 |
| **Migrant** *Yes* | 425 | 3472 | 302 | 71 | 123 | 29 | 27 | 6 | 1 | 0 | 2.9 | 29 | 3.1 | 31 | 3.9 | 39 | 3.7 | 37 | 3.5 | 35 |
| *No* | 52906 | 3546 | 34631 | 65 | 18275 | 35 | 5984 | 11 | 1984 | 4 | 3.2 | 32 | 3.3 | 33 | 4.0 | 40 | 4.1 | 41 | 3.9 | 39 |
| *No Information Provided* | 12006 | 3471 | 8380 | 70 | 3626 | 30 | 715 | 6 | 108 | 1 | 2.9 | 29 | 3.0 | 30 | 3.8 | 38 | 3.8 | 38 | 3.6 | 36 |
| **Identified as Emergent Bilingual/English Learner** | 26143 | 3448 | 19400 | 74 | 6743 | 26 | 1105 | 4 | 181 | 1 | 2.9 | 29 | 3.0 | 30 | 3.6 | 36 | 3.7 | 37 | 3.4 | 34 |
| **Monitored 1st Year, reclassified from EB/EL** | 72 | 3751 | 37 | 51 | 35 | 49 | 18 | 25 | 9 | 13 | 3.9 | 39 | 4.4 | 44 | 5.0 | 50 | 4.7 | 47 | 4.8 | 48 |
| **Monitored 2nd Year, reclassified from EB/EL** | 67 | 4016 | 18 | 27 | 49 | 73 | 29 | 43 | 12 | 18 | 5.0 | 50 | 4.9 | 49 | 6.3 | 63 | 6.0 | 60 | 6.0 | 60 |
| **Monitored 3rd Year, reclassified from EB/EL** | 188 | 3800 | 72 | 38 | 116 | 62 | 54 | 29 | 16 | 9 | 4.3 | 43 | 4.3 | 43 | 5.5 | 55 | 5.1 | 51 | 5.1 | 51 |
| **Monitored 4th Year, reclassified from EB/EL** | 460 | 3924 | 117 | 25 | 343 | 75 | 199 | 43 | 43 | 9 | 4.9 | 49 | 4.6 | 46 | 6.2 | 62 | 5.6 | 56 | 6.0 | 60 |
| **Former EB/EL (Post Monitoring)** | 1902 | 3907 | 698 | 37 | 1204 | 63 | 709 | 37 | 301 | 16 | 4.5 | 45 | 4.6 | 46 | 5.8 | 58 | 5.5 | 55 | 5.7 | 57 |
| **Non-Emergent Bilingual/Non-English Learner** | 29709 | 3579 | 18429 | 62 | 11280 | 38 | 4071 | 14 | 1369 | 5 | 3.3 | 33 | 3.4 | 34 | 4.2 | 42 | 4.2 | 42 | 4.1 | 41 |
| **No Information Provided** | 6796 | 3503 | 4542 | 67 | 2254 | 33 | 541 | 8 | 162 | 2 | 3.0 | 30 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.8 | 38 |
| **Bilingual** *Participants* | 99 | 3457 | 71 | 72 | 28 | 28 | 4 | 4 | 0 | 0 | 3.0 | 30 | 3.4 | 34 | 3.6 | 36 | 3.4 | 34 | 3.4 | 34 |
| *Nonparticipants* | 57808 | 3538 | 38232 | 66 | 19576 | 34 | 6183 | 11 | 1989 | 3 | 3.2 | 32 | 3.3 | 33 | 4.0 | 40 | 4.0 | 40 | 3.9 | 39 |
| *No Information Provided* | 7430 | 3487 | 5010 | 67 | 2420 | 33 | 539 | 7 | 104 | 1 | 3.0 | 30 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.7 | 37 |
| **ESL** *Participants* | 22248 | 3451 | 16458 | 74 | 5790 | 26 | 1014 | 5 | 173 | 1 | 2.9 | 29 | 3.0 | 30 | 3.6 | 36 | 3.7 | 37 | 3.4 | 34 |
| *Nonparticipants* | 36243 | 3589 | 22283 | 61 | 13960 | 39 | 5201 | 14 | 1820 | 5 | 3.3 | 33 | 3.5 | 35 | 4.3 | 43 | 4.2 | 42 | 4.2 | 42 |
| *No Information Provided* | 6846 | 3491 | 4572 | 67 | 2274 | 33 | 511 | 7 | 100 | 1 | 3.0 | 30 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.8 | 38 |
| **Special Education** *Yes* | 10597 | 3395 | 8627 | 81 | 1970 | 19 | 278 | 3 | 50 | 0 | 2.7 | 27 | 2.8 | 28 | 3.3 | 33 | 3.4 | 34 | 3.2 | 32 |
| *No* | 47533 | 3571 | 29755 | 63 | 17778 | 37 | 6078 | 13 | 1997 | 4 | 3.3 | 33 | 3.4 | 34 | 4.2 | 42 | 4.2 | 42 | 4.0 | 40 |
| *No Information Provided* | 7207 | 3472 | 4931 | 68 | 2276 | 32 | 370 | 5 | 46 | 1 | 2.9 | 29 | 3.0 | 30 | 3.8 | 38 | 3.8 | 38 | 3.6 | 36 |
| **Section 504** *Yes* | 7067 | 3502 | 4810 | 68 | 2257 | 32 | 594 | 8 | 148 | 2 | 3.0 | 30 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.8 | 38 |
| *No* | 43443 | 3562 | 27841 | 64 | 15602 | 36 | 5461 | 13 | 1788 | 4 | 3.3 | 33 | 3.4 | 34 | 4.1 | 41 | 4.1 | 41 | 4.0 | 40 |
| *No Information Provided* | 14827 | 3459 | 10662 | 72 | 4165 | 28 | 671 | 5 | 157 | 1 | 2.8 | 28 | 3.0 | 30 | 3.7 | 37 | 3.7 | 37 | 3.5 | 35 |
| **Gifted/Talented** *Participants* | 1564 | 4537 | 192 | 12 | 1372 | 88 | 1220 | 78 | 774 | 49 | 7.0 | 70 | 6.9 | 69 | 7.9 | 79 | 7.7 | 77 | 8.0 | 80 |
| *Nonparticipants* | 51791 | 3517 | 34750 | 67 | 17041 | 33 | 4857 | 9 | 1228 | 2 | 3.1 | 31 | 3.2 | 32 | 3.9 | 39 | 4.0 | 40 | 3.8 | 38 |
| *No Information Provided* | 11982 | 3467 | 8371 | 70 | 3611 | 30 | 649 | 5 | 91 | 1 | 2.9 | 29 | 3.0 | 30 | 3.7 | 37 | 3.8 | 38 | 3.6 | 36 |
| **At-Risk** *Yes* | 54089 | 3475 | 37972 | 70 | 16117 | 30 | 3294 | 6 | 581 | 1 | 2.9 | 29 | 3.1 | 31 | 3.7 | 37 | 3.8 | 38 | 3.6 | 36 |
| *No* | 7998 | 3931 | 3137 | 39 | 4861 | 61 | 3202 | 40 | 1470 | 18 | 4.7 | 47 | 4.7 | 47 | 5.8 | 58 | 5.6 | 56 | 5.7 | 57 |
| *No Information Provided* | 3250 | 3492 | 2204 | 68 | 1046 | 32 | 230 | 7 | 42 | 1 | 3.0 | 30 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.7 | 37 |

# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS
## *Summary Report*
## Biology
### First-Time Tested Students

**Report Date:** FALL 2022
**Date of Testing:** FALL 2022

**STATEWIDE PRELIMINARY**

| Administration Summary | Number | Percent |
|---|---|---|
| Students Tested | 14861 | 85 |
| Students Not Tested | | |
| Absent | 2032 | 12 |
| Other | 512 | 3 |
| Total Documents Submitted | 17405 | 100 |

Legend
--- = No Data Reported For Fewer Than Five Students

| | | Number of Students Tested | Average Scale Score | Did Not Meet | | Approaches | | Meets | | Masters | | Results for Each Reporting Category | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | 1 | | 2 | | 3 | | 4 | | 5 | |
| | | | | | | | | | | | | Cell Structure and Function | | Mechanisms of Genetics | | Biological Evolution and Classification | | Biological Processes and Systems | | Interdependence within Environmental Systems | |
| | | | | | | | | | | | | Number of Items Tested | | | | | | | | | |
| | | | | | | | | | | | | 10 | | 10 | | 10 | | 10 | | 10 | |
| | | | | | | | | | | | | Number of Items Correct | | | | | | | | | |
| | | | | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| **All Students** | | 14861 | 3942 | 4378 | 29 | 10483 | 71 | 6227 | 42 | 2085 | 14 | 4.7 | 47 | 4.7 | 47 | 6.1 | 61 | 5.7 | 57 | 5.9 | 59 |
| **Male** | | 7529 | 3940 | 2370 | 31 | 5159 | 69 | 3183 | 42 | 1104 | 15 | 4.8 | 48 | 4.6 | 46 | 6.1 | 61 | 5.7 | 57 | 5.9 | 59 |
| **Female** | | 7209 | 3948 | 1952 | 27 | 5257 | 73 | 3018 | 42 | 974 | 14 | 4.8 | 48 | 4.8 | 48 | 6.1 | 61 | 5.8 | 58 | 5.9 | 59 |
| **No Information Provided** | | 123 | 3672 | 56 | 46 | 67 | 54 | 26 | 21 | 7 | 6 | 3.4 | 34 | 3.9 | 39 | 4.9 | 49 | 4.7 | 47 | 4.7 | 47 |
| **Hispanic/Latino** | | 9979 | 3918 | 2958 | 30 | 7021 | 70 | 4068 | 41 | 1210 | 12 | 4.7 | 47 | 4.6 | 46 | 6.0 | 60 | 5.6 | 56 | 5.8 | 58 |
| **American Indian or Alaska Native** | | 32 | 3922 | 11 | 34 | 21 | 66 | 13 | 41 | 6 | 19 | 4.8 | 48 | 4.8 | 48 | 5.8 | 58 | 5.3 | 53 | 5.8 | 58 |
| **Asian** | | 572 | 4517 | 81 | 14 | 491 | 86 | 432 | 76 | 276 | 48 | 6.9 | 69 | 7.0 | 70 | 7.6 | 76 | 7.7 | 77 | 7.6 | 76 |
| **Black or African American** | | 1693 | 3708 | 727 | 43 | 966 | 57 | 377 | 22 | 75 | 4 | 3.8 | 38 | 3.9 | 39 | 5.0 | 50 | 4.8 | 48 | 4.9 | 49 |
| **Native Hawaiian or Other Pacific Islander** | | 22 | 4014 | 4 | 18 | 18 | 82 | 13 | 59 | 2 | 9 | 4.6 | 46 | 5.1 | 51 | 7.2 | 72 | 6.4 | 64 | 6.3 | 63 |
| **White** | | 2018 | 4124 | 401 | 20 | 1617 | 80 | 1144 | 57 | 463 | 23 | 5.5 | 55 | 5.3 | 53 | 6.9 | 69 | 6.6 | 66 | 6.6 | 66 |
| **Two or More Races** | | 284 | 4005 | 65 | 23 | 219 | 77 | 133 | 47 | 44 | 15 | 5.0 | 50 | 5.0 | 50 | 6.4 | 64 | 6.1 | 61 | 6.2 | 62 |
| **No Information Provided** | | 261 | 3644 | 131 | 50 | 130 | 50 | 47 | 18 | 9 | 3 | 3.4 | 34 | 3.6 | 36 | 4.7 | 47 | 4.7 | 47 | 4.5 | 45 |
| **Economically Disadvantaged** | *Yes* | 9714 | 3852 | 3213 | 33 | 6501 | 67 | 3421 | 35 | 912 | 9 | 4.4 | 44 | 4.4 | 44 | 5.7 | 57 | 5.4 | 54 | 5.5 | 55 |
| | *No* | 4329 | 4183 | 819 | 19 | 3510 | 81 | 2581 | 60 | 1124 | 26 | 5.7 | 57 | 5.6 | 56 | 7.0 | 70 | 6.7 | 67 | 6.8 | 68 |
| | *No Information Provided* | 818 | 3730 | 346 | 42 | 472 | 58 | 225 | 28 | 49 | 6 | 3.9 | 39 | 3.9 | 39 | 5.2 | 52 | 5.0 | 50 | 5.0 | 50 |
| **Title I, Part A** | *Participants* | 9126 | 3952 | 2586 | 28 | 6540 | 72 | 3916 | 43 | 1287 | 14 | 4.8 | 48 | 4.8 | 48 | 6.1 | 61 | 5.8 | 58 | 5.9 | 59 |
| | *Nonparticipants* | 4268 | 3986 | 1223 | 29 | 3045 | 71 | 1879 | 44 | 717 | 17 | 4.8 | 48 | 4.9 | 49 | 6.2 | 62 | 5.9 | 59 | 6.0 | 60 |
| | *No Information Provided* | 1467 | 3747 | 569 | 39 | 898 | 61 | 432 | 29 | 81 | 6 | 4.0 | 40 | 3.9 | 39 | 5.4 | 54 | 5.2 | 52 | 5.1 | 51 |
| **Migrant** | *Yes* | 95 | 3623 | 48 | 51 | 47 | 49 | 19 | 20 | 1 | 1 | 3.5 | 35 | 3.6 | 36 | 4.7 | 47 | 4.3 | 43 | 4.4 | 44 |
| | *No* | 12543 | 3979 | 3489 | 28 | 9054 | 72 | 5603 | 45 | 1979 | 16 | 4.9 | 49 | 4.9 | 49 | 6.2 | 62 | 5.9 | 59 | 6.0 | 60 |
| | *No Information Provided* | 2223 | 3744 | 841 | 38 | 1382 | 62 | 605 | 27 | 105 | 5 | 3.9 | 39 | 3.9 | 39 | 5.4 | 54 | 5.2 | 52 | 5.1 | 51 |
| **Identified as Emergent Bilingual/English Learner** | | 4034 | 3699 | 1814 | 45 | 2220 | 55 | 939 | 23 | 180 | 4 | 3.9 | 39 | 3.9 | 39 | 5.0 | 50 | 4.7 | 47 | 4.7 | 47 |
| **Monitored 1st Year, reclassified from EB/EL** | | 22 | 4427 | 2 | 9 | 20 | 91 | 18 | 82 | 9 | 41 | 6.4 | 64 | 7.0 | 70 | 8.1 | 81 | 7.0 | 70 | 8.5 | 85 |
| **Monitored 2nd Year, reclassified from EB/EL** | | 42 | 4364 | 3 | 7 | 39 | 93 | 29 | 69 | 12 | 29 | 6.0 | 60 | 6.1 | 61 | 7.9 | 79 | 7.3 | 73 | 7.7 | 77 |
| **Monitored 3rd Year, reclassified from EB/EL** | | 70 | 4269 | 3 | 4 | 67 | 96 | 50 | 71 | 16 | 23 | 6.3 | 63 | 6.4 | 64 | 7.5 | 75 | 7.1 | 71 | 7.2 | 72 |
| **Monitored 4th Year, reclassified from EB/EL** | | 325 | 4093 | 40 | 12 | 285 | 88 | 194 | 60 | 43 | 13 | 5.6 | 56 | 5.3 | 53 | 7.0 | 70 | 6.3 | 63 | 6.9 | 69 |
| **Former EB/EL (Post Monitoring)** | | 956 | 4334 | 75 | 8 | 881 | 92 | 687 | 72 | 299 | 31 | 6.3 | 63 | 6.2 | 62 | 7.6 | 76 | 7.2 | 72 | 7.7 | 77 |
| **Non-Emergent Bilingual/Non-English Learner** | | 7905 | 4028 | 1897 | 24 | 6008 | 76 | 3836 | 49 | 1364 | 17 | 5.0 | 50 | 5.0 | 50 | 6.5 | 65 | 6.1 | 61 | 6.3 | 63 |
| **No Information Provided** | | 1507 | 3826 | 544 | 36 | 963 | 64 | 474 | 31 | 162 | 11 | 4.2 | 42 | 4.2 | 42 | 5.7 | 57 | 5.4 | 54 | 5.3 | 53 |
| **Bilingual** | *Participants* | 14 | 3599 | 6 | 43 | 8 | 57 | 4 | 29 | 0 | 0 | 4.1 | 41 | 4.1 | 41 | 4.1 | 41 | 3.6 | 36 | 4.5 | 45 |
| | *Nonparticipants* | 13220 | 3965 | 3751 | 28 | 9469 | 72 | 5755 | 44 | 1982 | 15 | 4.8 | 48 | 4.8 | 48 | 6.2 | 62 | 5.8 | 58 | 6.0 | 60 |
| | *No Information Provided* | 1627 | 3759 | 621 | 38 | 1006 | 62 | 468 | 29 | 103 | 6 | 4.0 | 40 | 3.9 | 39 | 5.4 | 54 | 5.2 | 52 | 5.2 | 52 |
| **ESL** | *Participants* | 3584 | 3709 | 1587 | 44 | 1997 | 56 | 870 | 24 | 172 | 5 | 3.9 | 39 | 4.0 | 40 | 5.0 | 50 | 4.8 | 48 | 4.7 | 47 |
| | *Nonparticipants* | 9730 | 4056 | 2208 | 23 | 7522 | 77 | 4911 | 50 | 1814 | 19 | 5.2 | 52 | 5.1 | 51 | 6.6 | 66 | 6.2 | 62 | 6.4 | 64 |
| | *No Information Provided* | 1547 | 3763 | 583 | 38 | 964 | 62 | 446 | 29 | 99 | 6 | 4.0 | 40 | 3.9 | 39 | 5.5 | 55 | 5.2 | 52 | 5.2 | 52 |
| **Special Education** | *Yes* | 1543 | 3593 | 894 | 58 | 649 | 42 | 250 | 16 | 50 | 3 | 3.4 | 34 | 3.5 | 35 | 4.4 | 44 | 4.3 | 43 | 4.3 | 43 |
| | *No* | 12091 | 4010 | 3005 | 25 | 9086 | 75 | 5687 | 47 | 1990 | 16 | 5.0 | 50 | 5.0 | 50 | 6.4 | 64 | 6.0 | 60 | 6.2 | 62 |
| | *No Information Provided* | 1227 | 3708 | 479 | 39 | 748 | 61 | 290 | 24 | 45 | 4 | 3.7 | 37 | 3.7 | 37 | 5.3 | 53 | 5.0 | 50 | 4.9 | 49 |
| **Section 504** | *Yes* | 1319 | 3900 | 375 | 28 | 944 | 72 | 537 | 41 | 145 | 11 | 4.5 | 45 | 4.5 | 45 | 6.1 | 61 | 5.7 | 57 | 5.8 | 58 |
| | *No* | 11238 | 3990 | 3009 | 27 | 8229 | 73 | 5145 | 46 | 1784 | 16 | 5.0 | 50 | 4.9 | 49 | 6.2 | 62 | 5.9 | 59 | 6.1 | 61 |
| | *No Information Provided* | 2304 | 3731 | 994 | 43 | 1310 | 57 | 545 | 24 | 156 | 7 | 3.8 | 38 | 3.9 | 39 | 5.2 | 52 | 5.0 | 50 | 4.8 | 48 |
| **Gifted/Talented** | *Participants* | 1302 | 4750 | 21 | 2 | 1281 | 98 | 1207 | 93 | 774 | 59 | 7.8 | 78 | 7.7 | 77 | 8.6 | 86 | 8.4 | 84 | 8.8 | 88 |
| | *Nonparticipants* | 11452 | 3890 | 3550 | 31 | 7902 | 69 | 4481 | 39 | 1223 | 11 | 4.6 | 46 | 4.5 | 45 | 5.9 | 59 | 5.6 | 56 | 5.7 | 57 |
| | *No Information Provided* | 2107 | 3726 | 807 | 38 | 1300 | 62 | 539 | 26 | 88 | 4 | 3.8 | 38 | 3.8 | 38 | 5.3 | 53 | 5.1 | 51 | 5.0 | 50 |
| **At-Risk** | *Yes* | 9747 | 3775 | 3624 | 37 | 6123 | 63 | 2874 | 29 | 574 | 6 | 4.1 | 41 | 4.1 | 41 | 5.5 | 55 | 5.1 | 51 | 5.2 | 52 |
| | *No* | 4462 | 4331 | 512 | 11 | 3950 | 89 | 3157 | 71 | 1469 | 33 | 6.3 | 63 | 6.2 | 62 | 7.5 | 75 | 7.2 | 72 | 7.5 | 75 |
| | *No Information Provided* | 652 | 3767 | 242 | 37 | 410 | 63 | 196 | 30 | 42 | 6 | 4.0 | 40 | 4.0 | 40 | 5.5 | 55 | 5.3 | 53 | 5.2 | 52 |

# STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS
## *Summary Report*
## Biology
### Retested Students

**Report Date:** FALL 2022
**Date of Testing:** FALL 2022

**STATEWIDE PRELIMINARY**

| Administration Summary | Number | Percent |
|---|---|---|
| Students Tested | 50476 | 86 |
| Students Not Tested | | |
| Absent | 6114 | 10 |
| Other | 1919 | 3 |
| Total Documents Submitted | 58509 | 100 |

Legend
--- = No Data Reported For Fewer Than Five Students

| | | Number of Students Tested | Average Scale Score | Did Not Meet | | Approaches | | Meets | | Masters | | Results for Each Reporting Category | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | 1 | | 2 | | 3 | | 4 | | 5 | |
| | | | | | | | | | | | | Cell Structure and Function | | Mechanisms of Genetics | | Biological Evolution and Classification | | Biological Processes and Systems | | Interdependence within Environmental Systems | |
| | | | | | | | | | | | | Number of Items Tested | | | | | | | | | |
| | | | | | | | | | | | | 10 | | 10 | | 10 | | 10 | | 10 | |
| | | | | | | | | | | | | Number of Items Correct | | | | | | | | | |
| | | | | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| **All Students** | | 50476 | 3411 | 38935 | 77 | 11541 | 23 | 499 | 1 | 8 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| **Male** | | 28826 | 3401 | 22620 | 78 | 6206 | 22 | 302 | 1 | 6 | 0 | 2.6 | 26 | 2.8 | 28 | 3.3 | 33 | 3.4 | 34 | 3.3 | 33 |
| **Female** | | 21184 | 3425 | 15959 | 75 | 5225 | 25 | 191 | 1 | 2 | 0 | 2.7 | 27 | 2.9 | 29 | 3.5 | 35 | 3.6 | 36 | 3.2 | 32 |
| **No Information Provided** | | 466 | 3412 | 356 | 76 | 110 | 24 | 6 | 1 | 0 | 0 | 2.8 | 28 | 2.8 | 28 | 3.5 | 35 | 3.5 | 35 | 3.1 | 31 |
| **Hispanic/Latino** | | 34294 | 3414 | 26414 | 77 | 7880 | 23 | 343 | 1 | 5 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| **American Indian or Alaska Native** | | 142 | 3403 | 111 | 78 | 31 | 22 | 1 | 1 | 0 | 0 | 2.8 | 28 | 3.0 | 30 | 3.1 | 31 | 3.4 | 34 | 3.3 | 33 |
| **Asian** | | 595 | 3400 | 473 | 79 | 122 | 21 | 5 | 1 | 1 | 0 | 2.6 | 26 | 2.8 | 28 | 3.5 | 35 | 3.5 | 35 | 3.0 | 30 |
| **Black or African American** | | 9305 | 3392 | 7388 | 79 | 1917 | 21 | 53 | 1 | 1 | 0 | 2.6 | 26 | 2.8 | 28 | 3.3 | 33 | 3.5 | 35 | 3.2 | 32 |
| **Native Hawaiian or Other Pacific Islander** | | 69 | 3393 | 58 | 84 | 11 | 16 | 1 | 1 | 0 | 0 | 2.7 | 27 | 2.8 | 28 | 3.1 | 31 | 3.3 | 33 | 3.3 | 33 |
| **White** | | 4323 | 3427 | 3183 | 74 | 1140 | 26 | 71 | 2 | 1 | 0 | 2.7 | 27 | 2.8 | 28 | 3.5 | 35 | 3.6 | 36 | 3.4 | 34 |
| **Two or More Races** | | 638 | 3419 | 483 | 76 | 155 | 24 | 10 | 2 | 0 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.5 | 35 |
| **No Information Provided** | | 1110 | 3419 | 825 | 74 | 285 | 26 | 15 | 1 | 0 | 0 | 2.8 | 28 | 2.9 | 29 | 3.6 | 36 | 3.5 | 35 | 3.3 | 33 |
| **Economically Disadvantaged** | *Yes* | 38412 | 3410 | 29792 | 78 | 8620 | 22 | 372 | 1 | 6 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *No* | 9489 | 3415 | 7208 | 76 | 2281 | 24 | 96 | 1 | 0 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.6 | 36 | 3.3 | 33 |
| | *No Information Provided* | 2575 | 3419 | 1935 | 75 | 640 | 25 | 31 | 1 | 2 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **Title I, Part A** | *Participants* | 28419 | 3413 | 21908 | 77 | 6511 | 23 | 282 | 1 | 3 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *Nonparticipants* | 18016 | 3410 | 13966 | 78 | 4050 | 22 | 167 | 1 | 4 | 0 | 2.6 | 26 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| | *No Information Provided* | 4041 | 3407 | 3061 | 76 | 980 | 24 | 50 | 1 | 1 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **Migrant** | *Yes* | 330 | 3428 | 254 | 77 | 76 | 23 | 8 | 2 | 0 | 0 | 2.7 | 27 | 2.9 | 29 | 3.6 | 36 | 3.6 | 36 | 3.2 | 32 |
| | *No* | 40363 | 3412 | 31142 | 77 | 9221 | 23 | 381 | 1 | 5 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *No Information Provided* | 9783 | 3409 | 7539 | 77 | 2244 | 23 | 110 | 1 | 3 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **Identified as Emergent Bilingual/English Learner** | | 22109 | 3402 | 17586 | 80 | 4523 | 20 | 166 | 1 | 1 | 0 | 2.7 | 27 | 2.9 | 29 | 3.3 | 33 | 3.5 | 35 | 3.1 | 31 |
| **Monitored 1st Year, reclassified from EB/EL** | | 50 | 3454 | 35 | 70 | 15 | 30 | 0 | 0 | 0 | 0 | 2.9 | 29 | 3.2 | 32 | 3.6 | 36 | 3.7 | 37 | 3.2 | 32 |
| **Monitored 2nd Year, reclassified from EB/EL** | | 25 | 3433 | 15 | 60 | 10 | 40 | 0 | 0 | 0 | 0 | 3.1 | 31 | 2.7 | 27 | 3.5 | 35 | 3.8 | 38 | 3.2 | 32 |
| **Monitored 3rd Year, reclassified from EB/EL** | | 118 | 3523 | 69 | 58 | 49 | 42 | 4 | 3 | 0 | 0 | 3.1 | 31 | 3.1 | 31 | 4.3 | 43 | 3.9 | 39 | 3.8 | 38 |
| **Monitored 4th Year, reclassified from EB/EL** | | 135 | 3517 | 77 | 57 | 58 | 43 | 5 | 4 | 0 | 0 | 3.2 | 32 | 3.0 | 30 | 4.2 | 42 | 3.8 | 38 | 3.9 | 39 |
| **Former EB/EL (Post Monitoring)** | | 946 | 3475 | 623 | 66 | 323 | 34 | 22 | 2 | 2 | 0 | 2.7 | 27 | 3.0 | 30 | 3.9 | 39 | 3.8 | 38 | 3.6 | 36 |
| **Non-Emergent Bilingual/Non-English Learner** | | 21804 | 3417 | 16532 | 76 | 5272 | 24 | 235 | 1 | 5 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **No Information Provided** | | 5289 | 3411 | 3998 | 76 | 1291 | 24 | 67 | 1 | 0 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.4 | 34 |
| **Bilingual** | *Participants* | 85 | 3434 | 65 | 76 | 20 | 24 | 0 | 0 | 0 | 0 | 2.8 | 28 | 3.3 | 33 | 3.5 | 35 | 3.4 | 34 | 3.2 | 32 |
| | *Nonparticipants* | 44588 | 3411 | 34481 | 77 | 10107 | 23 | 428 | 1 | 7 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *No Information Provided* | 5803 | 3411 | 4389 | 76 | 1414 | 24 | 71 | 1 | 1 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **ESL** | *Participants* | 18664 | 3402 | 14871 | 80 | 3793 | 20 | 144 | 1 | 1 | 0 | 2.7 | 27 | 2.9 | 29 | 3.3 | 33 | 3.5 | 35 | 3.1 | 31 |
| | *Nonparticipants* | 26513 | 3418 | 20075 | 76 | 6438 | 24 | 290 | 1 | 6 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| | *No Information Provided* | 5299 | 3412 | 3989 | 75 | 1310 | 25 | 65 | 1 | 1 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.4 | 34 |
| **Special Education** | *Yes* | 9054 | 3361 | 7733 | 85 | 1321 | 15 | 28 | 0 | 0 | 0 | 2.5 | 25 | 2.7 | 27 | 3.1 | 31 | 3.3 | 33 | 3.0 | 30 |
| | *No* | 35442 | 3422 | 26750 | 75 | 8692 | 25 | 391 | 1 | 7 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.6 | 36 | 3.3 | 33 |
| | *No Information Provided* | 5980 | 3424 | 4452 | 74 | 1528 | 26 | 80 | 1 | 1 | 0 | 2.7 | 27 | 2.9 | 29 | 3.5 | 35 | 3.6 | 36 | 3.4 | 34 |
| **Section 504** | *Yes* | 5748 | 3410 | 4435 | 77 | 1313 | 23 | 57 | 1 | 3 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| | *No* | 32205 | 3412 | 24832 | 77 | 7373 | 23 | 316 | 1 | 4 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *No Information Provided* | 12523 | 3408 | 9668 | 77 | 2855 | 23 | 126 | 1 | 1 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **Gifted/Talented** | *Participants* | 262 | 3480 | 171 | 65 | 91 | 35 | 13 | 5 | 0 | 0 | 2.8 | 28 | 3.1 | 31 | 3.9 | 39 | 3.9 | 39 | 3.7 | 37 |
| | *Nonparticipants* | 40339 | 3411 | 31200 | 77 | 9139 | 23 | 376 | 1 | 5 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *No Information Provided* | 9875 | 3412 | 7564 | 77 | 2311 | 23 | 110 | 1 | 3 | 0 | 2.7 | 27 | 2.8 | 28 | 3.4 | 34 | 3.5 | 35 | 3.3 | 33 |
| **At-Risk** | *Yes* | 44342 | 3409 | 34348 | 77 | 9994 | 23 | 420 | 1 | 7 | 0 | 2.7 | 27 | 2.9 | 29 | 3.4 | 34 | 3.5 | 35 | 3.2 | 32 |
| | *No* | 3536 | 3425 | 2625 | 74 | 911 | 26 | 45 | 1 | 1 | 0 | 2.7 | 27 | 2.9 | 29 | 3.5 | 35 | 3.6 | 36 | 3.4 | 34 |
| | *No Information Provided* | 2598 | 3422 | 1962 | 76 | 636 | 24 | 34 | 1 | 0 | 0 | 2.7 | 27 | 2.8 | 28 | 3.5 | 35 | 3.6 | 36 | 3.3 | 33 |