

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

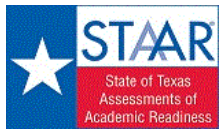
All Students

STATEWIDE

Report Date: FALL 2017
Date of Testing: FALL 2017

| Administration Summary | | | Number of Students Tested | Average Scale Score | Results for Each Reporting Category* | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-------------------------------------|---------------------|--------------------------------------|---------|--------------|-----|-------|-----|------------|-----|------|-----|-------|-----|-----|-----|---------|-----|-----|-----|-----|-----|-----|----|---|---|---|
| | | | | | Number | Percent | Did Not Meet | | | | Approaches | | | | Meets | | | | Masters | | | | 1 | | 2 | | 3 | | 4 |
| # | % | # | | | | | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| | | | | | Cell Structure and Function | | | | | | | | | | | | | | | | | | | | | | | | |
| Legend | | | | | Number of Items Tested | | | | | | | | | | | | | | | | | | | | | | | | |
| --- = No Data Reported For Fewer Than Five Students | | | | | Avg. # of Items / % Correct | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 11 | | 11 | | 10 | | 11 | | 11 | | | | | | | | | | | | | | | | |
| All Students | | | | | 47803 | 3545 | 27956 | 58 | 19847 | 42 | 5442 | 11 | 1501 | 3 | 4.7 | 43 | 4.1 | 37 | 3.8 | 38 | 4.4 | 40 | 4.4 | 40 | 4.4 | 40 | | | |
| Male | | | | | 27500 | 3516 | 17064 | 62 | 10436 | 38 | 2750 | 10 | 799 | 3 | 4.5 | 41 | 3.9 | 35 | 3.7 | 37 | 4.3 | 39 | 4.3 | 39 | 4.3 | 39 | | | |
| Female | | | | | 20300 | 3585 | 10889 | 54 | 9411 | 46 | 2692 | 13 | 702 | 3 | 5.0 | 46 | 4.4 | 40 | 3.9 | 39 | 4.5 | 41 | 4.5 | 41 | 4.5 | 41 | | | |
| No Information Provided | | | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | | | |
| Hispanic/Latino | | | 31851 | 3541 | 18598 | 58 | 13253 | 42 | 3488 | 11 | 877 | 3 | 4.7 | 43 | 4.1 | 37 | 3.8 | 38 | 4.4 | 40 | 4.4 | 40 | 4.4 | 40 | | | | | |
| American Indian or Alaska Native | | | 169 | 3537 | 98 | 58 | 71 | 42 | 12 | 7 | 5 | 3 | 4.6 | 42 | 3.9 | 35 | 4.0 | 40 | 4.1 | 38 | 4.4 | 40 | 4.4 | 40 | | | | | |
| Asian | | | 1003 | 3840 | 467 | 47 | 536 | 53 | 337 | 34 | 180 | 18 | 6.0 | 55 | 5.4 | 49 | 4.9 | 49 | 5.5 | 50 | 5.6 | 51 | 5.6 | 51 | | | | | |
| Black or African American | | | 8047 | 3437 | 5449 | 68 | 2598 | 32 | 282 | 4 | 35 | 0 | 4.3 | 39 | 3.6 | 32 | 3.3 | 33 | 3.8 | 34 | 3.9 | 35 | 3.9 | 35 | | | | | |
| Native Hawaiian or Other Pacific Islander | | | 66 | 3454 | 41 | 62 | 25 | 38 | 2 | 3 | 0 | 0 | 4.1 | 37 | 3.7 | 34 | 3.3 | 33 | 3.9 | 36 | 4.2 | 38 | 4.2 | 38 | | | | | |
| White | | | 6119 | 3656 | 3029 | 50 | 3090 | 50 | 1227 | 20 | 375 | 6 | 5.2 | 47 | 4.6 | 42 | 4.3 | 43 | 4.8 | 44 | 5.0 | 45 | 5.0 | 45 | | | | | |
| Two or More Races | | | 498 | 3624 | 246 | 49 | 252 | 51 | 89 | 18 | 28 | 6 | 5.2 | 47 | 4.5 | 41 | 4.2 | 42 | 4.7 | 43 | 4.8 | 44 | 4.8 | 44 | | | | | |
| No Information Provided | | | 50 | 3588 | 28 | 56 | 22 | 44 | 5 | 10 | 1 | 2 | 4.7 | 43 | 4.1 | 38 | 4.3 | 43 | 4.5 | 41 | 4.8 | 44 | 4.8 | 44 | | | | | |
| Economically Disadvantaged | | | Yes 35408 | 3505 | 21629 | 61 | 13779 | 39 | 2857 | 8 | 589 | 2 | 4.5 | 41 | 3.9 | 35 | 3.6 | 36 | 4.2 | 38 | 4.2 | 38 | 4.2 | 38 | | | | | |
| | | | No 12356 | 3661 | 6311 | 51 | 6045 | 49 | 2578 | 21 | 908 | 7 | 5.2 | 47 | 4.7 | 42 | 4.3 | 43 | 4.9 | 44 | 4.9 | 45 | 4.9 | 45 | | | | | |
| | | | No Information Provided 39 | 3701 | 16 | 41 | 23 | 59 | 7 | 18 | 4 | 10 | 5.3 | 48 | 4.5 | 41 | 4.6 | 46 | 5.3 | 48 | 5.4 | 49 | 5.4 | 49 | | | | | |
| Title I, Part A | | | Participants 29414 | 3554 | 16803 | 57 | 12611 | 43 | 3610 | 12 | 904 | 3 | 4.8 | 44 | 4.2 | 38 | 3.8 | 38 | 4.4 | 40 | 4.4 | 40 | 4.4 | 40 | | | | | |
| | | | Nonparticipants 18352 | 3531 | 11138 | 61 | 7214 | 39 | 1825 | 10 | 593 | 3 | 4.6 | 42 | 4.0 | 36 | 3.7 | 37 | 4.3 | 39 | 4.3 | 39 | 4.3 | 39 | | | | | |
| | | | No Information Provided 37 | 3722 | 15 | 41 | 22 | 59 | 7 | 19 | 4 | 11 | 5.4 | 49 | 4.6 | 42 | 4.6 | 46 | 5.4 | 49 | 5.5 | 50 | 5.5 | 50 | | | | | |
| Migrant | | | Yes 467 | 3528 | 277 | 59 | 190 | 41 | 47 | 10 | 9 | 2 | 4.6 | 42 | 4.1 | 38 | 3.8 | 38 | 4.3 | 39 | 4.3 | 39 | 4.3 | 39 | | | | | |
| | | | No 47239 | 3545 | 27628 | 58 | 19611 | 42 | 5385 | 11 | 1488 | 3 | 4.7 | 43 | 4.1 | 37 | 3.8 | 38 | 4.4 | 40 | 4.4 | 40 | 4.4 | 40 | | | | | |
| | | | No Information Provided 97 | 3570 | 51 | 53 | 46 | 47 | 10 | 4 | 4 | 4 | 4.8 | 44 | 3.8 | 34 | 3.9 | 39 | 4.6 | 42 | 4.8 | 44 | 4.8 | 44 | | | | | |
| Limited English Proficient | | | Current LEP 15174 | 3432 | 10539 | 69 | 4635 | 31 | 437 | 3 | 58 | 0 | 4.2 | 38 | 3.5 | 32 | 3.2 | 32 | 4.0 | 36 | 3.8 | 34 | 3.8 | 34 | | | | | |
| | | | Non-LEP (Monitored 1st Year) 673 | 3691 | 250 | 37 | 423 | 63 | 139 | 21 | 20 | 3 | 5.6 | 51 | 5.0 | 46 | 4.3 | 43 | 5.0 | 45 | 5.2 | 47 | 5.2 | 47 | | | | | |
| | | | Non-LEP (Monitored 2nd Year) 490 | 3658 | 211 | 43 | 279 | 57 | 81 | 17 | 13 | 3 | 5.4 | 49 | 4.7 | 43 | 4.3 | 43 | 4.8 | 43 | 5.0 | 46 | 5.0 | 46 | | | | | |
| | | | Other Non-LEP 31421 | 3595 | 16936 | 54 | 14485 | 46 | 4778 | 15 | 1406 | 4 | 5.0 | 45 | 4.4 | 40 | 4.0 | 40 | 4.5 | 41 | 4.7 | 43 | 4.7 | 43 | | | | | |
| | | | No Information Provided 45 | 3672 | 20 | 44 | 25 | 56 | 7 | 16 | 4 | 9 | 5.3 | 48 | 4.5 | 41 | 4.2 | 42 | 5.1 | 46 | 5.2 | 47 | 5.2 | 47 | | | | | |
| Bilingual | | | Participants 77 | 4005 | 25 | 32 | 52 | 68 | 35 | 45 | 14 | 18 | 6.7 | 61 | 6.3 | 58 | 5.7 | 57 | 6.1 | 55 | 6.8 | 62 | 6.8 | 62 | | | | | |
| | | | Nonparticipants 47662 | 3544 | 27902 | 59 | 19760 | 41 | 5398 | 11 | 1483 | 3 | 4.7 | 43 | 4.1 | 37 | 3.8 | 38 | 4.4 | 40 | 4.4 | 40 | 4.4 | 40 | | | | | |
| | | | No Information Provided 64 | 3640 | 29 | 45 | 35 | 55 | 9 | 14 | 6 | 6 | 5.1 | 46 | 4.2 | 38 | 4.3 | 43 | 5.0 | 45 | 5.0 | 46 | 5.0 | 46 | | | | | |
| ESL | | | Participants 14690 | 3433 | 10178 | 69 | 4512 | 31 | 424 | 3 | 57 | 0 | 4.2 | 38 | 3.5 | 32 | 3.2 | 32 | 4.0 | 36 | 3.8 | 34 | 3.8 | 34 | | | | | |
| | | | Nonparticipants 33052 | 3595 | 17750 | 54 | 15302 | 46 | 5009 | 15 | 1440 | 4 | 5.0 | 45 | 4.4 | 40 | 4.0 | 40 | 4.5 | 41 | 4.7 | 43 | 4.7 | 43 | | | | | |
| | | | No Information Provided 61 | 3646 | 28 | 46 | 33 | 54 | 9 | 15 | 4 | 7 | 5.1 | 46 | 4.3 | 39 | 4.4 | 44 | 5.0 | 45 | 5.0 | 45 | 5.0 | 45 | | | | | |
| Special Education | | | Yes 10175 | 3381 | 7893 | 78 | 2282 | 22 | 137 | 1 | 17 | 0 | 3.9 | 35 | 3.2 | 29 | 3.0 | 30 | 3.7 | 33 | 3.6 | 33 | 3.6 | 33 | | | | | |
| | | | No 37584 | 3590 | 20045 | 53 | 17539 | 47 | 5298 | 14 | 1480 | 4 | 5.0 | 45 | 4.3 | 39 | 4.0 | 40 | 4.5 | 41 | 4.6 | 42 | 4.6 | 42 | | | | | |
| | | | No Information Provided 44 | 3686 | 18 | 41 | 26 | 59 | 7 | 16 | 4 | 9 | 5.3 | 48 | 4.5 | 41 | 4.5 | 45 | 5.1 | 46 | 5.3 | 48 | 5.3 | 48 | | | | | |
| Gifted/Talented | | | Participants 1148 | 4544 | 49 | 4 | 1099 | 96 | 1011 | 88 | 569 | 50 | 8.9 | 81 | 9.0 | 81 | 7.9 | 79 | 8.4 | 77 | 8.9 | 81 | 8.9 | 81 | | | | | |
| | | | Nonparticipants 46609 | 3521 | 27888 | 60 | 18721 | 40 | 4424 | 9 | 928 | 2 | 4.6 | 42 | 4.0 | 36 | 3.7 | 37 | 4.3 | 39 | 4.3 | 39 | 4.3 | 39 | | | | | |
| | | | No Information Provided 46 | 3672 | 19 | 41 | 27 | 59 | 7 | 15 | 4 | 9 | 5.3 | 48 | 4.3 | 39 | 4.3 | 43 | 5.1 | 46 | 5.3 | 48 | 5.3 | 48 | | | | | |
| At-Risk | | | Yes 40328 | 3464 | 25880 | 64 | 14448 | 36 | 1887 | 5 | 183 | 0 | 4.4 | 40 | 3.7 | 33 | 3.4 | 34 | 4.0 | 37 | 4.0 | 36 | 4.0 | 36 | | | | | |
| | | | No 7439 | 3983 | 2061 | 28 | 5378 | 72 | 3548 | 48 | 1314 | 18 | 6.7 | 61 | 6.4 | 58 | 5.7 | 57 | 6.2 | 56 | 6.5 | 59 | 6.5 | 59 | | | | | |
| | | | No Information Provided 36 | 3707 | 15 | 42 | 21 | 58 | 7 | 19 | 4 | 11 | 5.3 | 48 | 4.6 | 42 | 4.6 | 46 | 5.3 | 48 | 5.4 | 49 | 5.4 | 49 | | | | | |
| Career/Technical Education | | | Participants 29633 | 3505 | 18322 | 62 | 11311 | 38 | 2363 | 8 | 604 | 2 | 4.5 | 41 | 3.9 | 35 | 3.6 | 36 | 4.2 | 38 | 4.2 | 38 | 4.2 | 38 | | | | | |
| | | | Nonparticipants 18107 | 3611 | 9606 | 53 | 8501 | 47 | 3072 | 17 | 893 | 5 | 5.1 | 46 | 4.4 | 40 | 4.1 | 41 | 4.7 | 42 | 4.7 | 43 | 4.7 | 43 | | | | | |
| | | | No Information Provided 63 | 3627 | 28 | 44 | 35 | 56 | 7 | 11 | 4 | 6 | 5.2 | 47 | 4.2 | 38 | 4.3 | 43 | 4.7 | 43 | 4.8 | 44 | 4.8 | 44 | | | | | |

* Students who took the paper STAAR with embedded supports version of the test are not included in the reporting category results.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

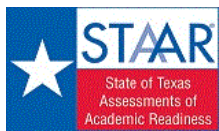
First-Time Tested Students

STATEWIDE

Report Date: FALL 2017
Date of Testing: FALL 2017

| Administration Summary | | | Number of Students Tested | Average Scale Score | Did Not Meet | | Approaches | | Meets | | Masters | | Results for Each Reporting Category* | | | | | | | | | | | |
|---|------------------------------|-----|---|---------------------|--------------|-----|------------|-----|-------|-----|---------|-----|--------------------------------------|-----|------------------------|-----|---|-----|----------------------------------|-----|--|-----|---|---|
| | | | | | # | % | # | % | # | % | # | % | 1 | | 2 | | 3 | | 4 | | 5 | | | |
| Number | Percent | | | | | | | | | | | | Cell Structure and Function | | Mechanisms of Genetics | | Biological Evolution and Classification | | Biological Processes and Systems | | Interdependence within Environmental Systems | | | |
| Students Tested | 11599 | 92 | | | | | | | | | | | | | | | | | | | | | | |
| Students Not Tested | | | | | | | | | | | | | | | | | | | | | | | | |
| Absent | 902 | 7 | | | | | | | | | | | | | | | | | | | | | | |
| Other | 47 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| Total Documents Submitted | 12548 | 100 | | | | | | | | | | | | | | | | | | | | | | |
| Legend | | | --- = No Data Reported For Fewer Than Five Students | | | | | | | | | | | | | | | | | | | | | |
| | | | Number of Items Tested | | | | | | | | | | | | | | | | | | | | | |
| | | | 11 | | 11 | | 10 | | 11 | | 11 | | Avg. # of Items / % Correct | | | | | | | | | | | |
| | | | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| All Students | | | 11599 | 3957 | 2553 | 22 | 9046 | 78 | 5145 | 44 | 1498 | 13 | 6.7 | 61 | 6.3 | 57 | 5.6 | 56 | 6.2 | 56 | 6.5 | 59 | | |
| Male | | | 5838 | 3938 | 1474 | 25 | 4364 | 75 | 2555 | 44 | 798 | 14 | 6.5 | 59 | 6.0 | 55 | 5.6 | 56 | 6.2 | 56 | 6.4 | 59 | | |
| Female | | | 5758 | 3976 | 1076 | 19 | 4682 | 81 | 2590 | 45 | 700 | 12 | 7.0 | 63 | 6.5 | 59 | 5.6 | 56 | 6.2 | 56 | 6.5 | 59 | | |
| No Information Provided | | | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| Hispanic/Latino | | | 7847 | 3927 | 1817 | 23 | 6030 | 77 | 3297 | 42 | 874 | 11 | 6.6 | 60 | 6.2 | 56 | 5.4 | 54 | 6.0 | 55 | 6.3 | 58 | | |
| American Indian or Alaska Native | | | 42 | 3815 | 11 | 26 | 31 | 74 | 12 | 29 | 5 | 12 | 6.3 | 57 | 5.2 | 48 | 4.8 | 48 | 5.8 | 52 | 5.7 | 52 | | |
| Asian | | | 423 | 4446 | 34 | 8 | 389 | 92 | 334 | 79 | 180 | 43 | 8.6 | 78 | 8.4 | 76 | 7.5 | 75 | 8.1 | 73 | 8.2 | 75 | | |
| Black or African American | | | 1103 | 3702 | 392 | 36 | 711 | 64 | 249 | 23 | 35 | 3 | 5.9 | 53 | 5.0 | 45 | 4.6 | 46 | 5.0 | 45 | 5.3 | 48 | | |
| Native Hawaiian or Other Pacific Islander | | | 14 | 3704 | 4 | 29 | 10 | 71 | 2 | 14 | 0 | 0 | 5.5 | 50 | 5.1 | 47 | 4.6 | 46 | 4.4 | 40 | 5.9 | 54 | | |
| White | | | 1966 | 4119 | 252 | 13 | 1714 | 87 | 1163 | 59 | 375 | 19 | 7.3 | 67 | 7.0 | 63 | 6.4 | 64 | 6.9 | 63 | 7.3 | 66 | | |
| Two or More Races | | | 175 | 3983 | 32 | 18 | 143 | 82 | 83 | 47 | 28 | 16 | 6.9 | 63 | 6.2 | 57 | 5.9 | 59 | 6.4 | 58 | 6.6 | 60 | | |
| No Information Provided | | | 29 | 3729 | 11 | 38 | 18 | 62 | 5 | 17 | 1 | 3 | 5.6 | 51 | 4.7 | 42 | 5.0 | 50 | 5.2 | 47 | 5.5 | 50 | | |
| Economically Disadvantaged | Yes | | 7474 | 3852 | 1958 | 26 | 5516 | 74 | 2641 | 35 | 586 | 8 | 6.3 | 58 | 5.8 | 53 | 5.1 | 51 | 5.7 | 52 | 6.0 | 55 | | |
| | No | | 4091 | 4149 | 583 | 14 | 3508 | 86 | 2497 | 61 | 908 | 22 | 7.5 | 68 | 7.2 | 65 | 6.5 | 65 | 7.0 | 63 | 7.3 | 66 | | |
| | No Information Provided | | 34 | 3753 | 12 | 35 | 22 | 65 | 7 | 21 | 4 | 12 | 5.6 | 51 | 4.7 | 43 | 4.9 | 49 | 5.5 | 50 | 5.6 | 51 | | |
| Title I, Part A | Participants | | 8045 | 3932 | 1779 | 22 | 6266 | 78 | 3431 | 43 | 901 | 11 | 6.7 | 61 | 6.2 | 56 | 5.5 | 55 | 6.1 | 55 | 6.4 | 58 | | |
| | Nonparticipants | | 3523 | 4015 | 764 | 22 | 2759 | 78 | 1707 | 48 | 593 | 17 | 6.9 | 63 | 6.4 | 58 | 5.9 | 59 | 6.4 | 58 | 6.7 | 61 | | |
| | No Information Provided | | 31 | 3796 | 10 | 32 | 21 | 68 | 7 | 23 | 4 | 13 | 5.7 | 52 | 5.0 | 46 | 4.9 | 49 | 5.7 | 52 | 5.9 | 54 | | |
| Migrant | Yes | | 111 | 3845 | 28 | 25 | 83 | 75 | 38 | 34 | 9 | 8 | 6.1 | 56 | 5.8 | 53 | 5.2 | 52 | 5.6 | 51 | 6.1 | 55 | | |
| | No | | 11424 | 3959 | 2499 | 22 | 8925 | 78 | 5097 | 45 | 1485 | 13 | 6.8 | 61 | 6.3 | 57 | 5.6 | 56 | 6.2 | 56 | 6.5 | 59 | | |
| | No Information Provided | | 64 | 3674 | 26 | 41 | 38 | 59 | 10 | 16 | 4 | 6 | 5.5 | 50 | 4.2 | 38 | 4.4 | 44 | 5.0 | 46 | 5.4 | 49 | | |
| Limited English Proficient | Current LEP | | 2436 | 3634 | 1031 | 42 | 1405 | 58 | 372 | 15 | 56 | 2 | 5.3 | 48 | 4.6 | 42 | 4.0 | 40 | 4.9 | 45 | 4.8 | 44 | | |
| | Non-LEP (Monitored 1st Year) | | 308 | 3975 | 37 | 12 | 271 | 88 | 138 | 45 | 20 | 6 | 7.0 | 64 | 6.6 | 60 | 5.6 | 56 | 6.3 | 57 | 6.7 | 61 | | |
| | Non-LEP (Monitored 2nd Year) | | 147 | 4064 | 15 | 10 | 132 | 90 | 78 | 53 | 13 | 9 | 7.3 | 67 | 6.9 | 62 | 6.2 | 62 | 6.6 | 60 | 7.0 | 64 | | |
| | Other Non-LEP | | 8667 | 4046 | 1453 | 17 | 7214 | 83 | 4550 | 52 | 1405 | 16 | 7.1 | 65 | 6.7 | 61 | 6.0 | 60 | 6.5 | 59 | 6.9 | 63 | | |
| | No Information Provided | | 41 | 3698 | 17 | 41 | 24 | 59 | 7 | 17 | 4 | 10 | 5.5 | 50 | 4.6 | 42 | 4.4 | 44 | 5.1 | 47 | 5.3 | 48 | | |
| Bilingual | Participants | | 55 | 4241 | 7 | 13 | 48 | 87 | 35 | 64 | 14 | 25 | 7.9 | 72 | 7.6 | 69 | 6.8 | 68 | 6.9 | 62 | 8.0 | 73 | | |
| | Nonparticipants | | 11502 | 3956 | 2532 | 22 | 8970 | 78 | 5101 | 44 | 1480 | 13 | 6.7 | 61 | 6.3 | 57 | 5.6 | 56 | 6.2 | 56 | 6.5 | 59 | | |
| | No Information Provided | | 42 | 3758 | 14 | 33 | 28 | 67 | 9 | 21 | 4 | 10 | 5.8 | 53 | 4.9 | 44 | 4.7 | 47 | 5.4 | 49 | 5.6 | 51 | | |
| ESL | Participants | | 2395 | 3633 | 1014 | 42 | 1381 | 58 | 361 | 15 | 55 | 2 | 5.3 | 48 | 4.6 | 42 | 4.0 | 40 | 4.9 | 45 | 4.8 | 44 | | |
| | Nonparticipants | | 9164 | 4042 | 1526 | 17 | 7638 | 83 | 4775 | 52 | 1439 | 16 | 7.1 | 65 | 6.7 | 61 | 6.0 | 60 | 6.5 | 59 | 6.9 | 63 | | |
| | No Information Provided | | 40 | 3772 | 13 | 33 | 27 | 68 | 9 | 23 | 4 | 10 | 5.8 | 53 | 5.0 | 45 | 5.0 | 50 | 5.4 | 49 | 5.6 | 51 | | |
| Special Education | Yes | | 943 | 3539 | 521 | 55 | 422 | 45 | 115 | 12 | 17 | 2 | 4.8 | 44 | 4.1 | 37 | 3.8 | 38 | 4.4 | 40 | 4.5 | 41 | | |
| | No | | 10619 | 3994 | 2019 | 19 | 8600 | 81 | 5023 | 47 | 1477 | 14 | 6.9 | 63 | 6.5 | 59 | 5.8 | 58 | 6.3 | 58 | 6.6 | 60 | | |
| | No Information Provided | | 37 | 3743 | 13 | 35 | 24 | 65 | 7 | 19 | 4 | 11 | 5.7 | 52 | 4.8 | 44 | 4.8 | 48 | 5.3 | 48 | 5.5 | 50 | | |
| Gifted/Talented | Participants | | 1058 | 4634 | 3 | 0 | 1055 | 100 | 1007 | 95 | 569 | 54 | 9.2 | 84 | 9.4 | 85 | 8.2 | 82 | 8.8 | 80 | 9.3 | 85 | | |
| | Nonparticipants | | 10502 | 3889 | 2536 | 24 | 7966 | 76 | 4131 | 39 | 925 | 9 | 6.5 | 59 | 6.0 | 54 | 5.3 | 53 | 5.9 | 54 | 6.2 | 56 | | |
| | No Information Provided | | 39 | 3724 | 14 | 36 | 25 | 64 | 7 | 18 | 4 | 10 | 5.6 | 51 | 4.6 | 42 | 4.6 | 46 | 5.3 | 48 | 5.5 | 50 | | |
| At-Risk | Yes | | 6842 | 3724 | 2237 | 33 | 4605 | 67 | 1630 | 24 | 180 | 3 | 5.8 | 53 | 5.1 | 46 | 4.6 | 46 | 5.2 | 47 | 5.4 | 49 | | |
| | No | | 4726 | 4294 | 305 | 6 | 4421 | 94 | 3508 | 74 | 1314 | 28 | 8.1 | 74 | 8.0 | 72 | 7.1 | 71 | 7.6 | 69 | 8.0 | 73 | | |
| | No Information Provided | | 31 | 3765 | 11 | 35 | 20 | 65 | 7 | 23 | 4 | 13 | 5.6 | 51 | 4.9 | 45 | 4.9 | 49 | 5.5 | 50 | 5.6 | 51 | | |
| Career/Technical Education | Participants | | 5085 | 3936 | 1145 | 23 | 3940 | 77 | 2169 | 43 | 601 | 12 | 6.6 | 60 | 6.2 | 56 | 5.5 | 55 | 6.1 | 55 | 6.4 | 58 | | |
| | Nonparticipants | | 6472 | 3975 | 1391 | 21 | 5081 | 79 | 2969 | 46 | 893 | 14 | 6.8 | 62 | 6.4 | 58 | 5.7 | 57 | 6.2 | 57 | 6.5 | 59 | | |
| | No Information Provided | | 42 | 3711 | 17 | 40 | 25 | 60 | 7 | 17 | 4 | 10 | 5.6 | 51 | 4.6 | 42 | 4.5 | 45 | 5.2 | 47 | 5.4 | 49 | | |

* Students who took the paper STAAR with embedded supports version of the test are not included in the reporting category results.



STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS

Summary Report

BIOLOGY

Retested Students

STATEWIDE

Report Date: FALL 2017
Date of Testing: FALL 2017

| Administration Summary | | | Number of Students Tested | Average Scale Score | Did Not Meet | | Approaches | | Meets | | Masters | | Results for Each Reporting Category* | | | | | | | | | | | |
|---|------------------------------|-----------------------------|---------------------------|---------------------|-----------------------------|---|----------------------------------|--|------------------------|-----|---------|-----|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | | | 1 | | 2 | | 3 | | 4 | | 5 | | | |
| Number | Percent | Cell Structure and Function | | | Mechanisms of Genetics | Biological Evolution and Classification | Biological Processes and Systems | Interdependence within Environmental Systems | Number of Items Tested | | | | | | | | | | | | | | | |
| | | | | | | | | | 11 | | 11 | | 10 | | 11 | | 11 | | | | | | | |
| Legend | | | | | Avg. # of Items / % Correct | | | | | | | | | | | | | | | | | | | |
| --- = No Data Reported For Fewer Than Five Students | | | | | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | | | | |
| All Students | | | | | 36204 | 3414 | 25403 | 70 | 10801 | 30 | 297 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 |
| Male | | | | | 21662 | 3402 | 15590 | 72 | 6072 | 28 | 195 | 1 | 1 | 0 | 3.9 | 36 | 3.3 | 30 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 |
| Female | | | | | 14542 | 3430 | 9813 | 67 | 4729 | 33 | 102 | 1 | 2 | 0 | 4.3 | 39 | 3.5 | 32 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 |
| No Information Provided | | | | | 0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Hispanic/Latino | | | 24004 | 3415 | 16781 | 70 | 7223 | 30 | 191 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 35 | 3.7 | 34 | | |
| American Indian or Alaska Native | | | 127 | 3446 | 87 | 69 | 40 | 31 | 0 | 0 | 0 | 0 | 4.1 | 37 | 3.4 | 31 | 3.7 | 37 | 3.6 | 33 | 4.0 | 36 | | |
| Asian | | | 580 | 3399 | 433 | 75 | 147 | 25 | 3 | 1 | 0 | 0 | 4.2 | 38 | 3.3 | 30 | 3.0 | 30 | 3.6 | 33 | 3.7 | 34 | | |
| Black or African American | | | 6944 | 3394 | 5057 | 73 | 1887 | 27 | 33 | 0 | 0 | 0 | 4.1 | 37 | 3.3 | 30 | 3.1 | 31 | 3.6 | 32 | 3.7 | 33 | | |
| Native Hawaiian or Other Pacific Islander | | | 52 | 3387 | 37 | 71 | 15 | 29 | 0 | 0 | 0 | 0 | 3.7 | 33 | 3.3 | 30 | 2.9 | 29 | 3.8 | 34 | 3.7 | 34 | | |
| White | | | 4153 | 3436 | 2777 | 67 | 1376 | 33 | 64 | 2 | 0 | 0 | 4.1 | 38 | 3.5 | 32 | 3.3 | 33 | 3.9 | 35 | 3.9 | 36 | | |
| Two or More Races | | | 323 | 3430 | 214 | 66 | 109 | 34 | 6 | 2 | 0 | 0 | 4.2 | 39 | 3.5 | 32 | 3.4 | 34 | 3.8 | 34 | 3.8 | 34 | | |
| No Information Provided | | | 21 | 3393 | 17 | 81 | 4 | 19 | 0 | 0 | 0 | 0 | 3.5 | 32 | 3.4 | 31 | 3.3 | 33 | 3.6 | 32 | 3.8 | 34 | | |
| Economically Disadvantaged | Yes | | 27934 | 3412 | 19671 | 70 | 8263 | 30 | 216 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | No | | 8265 | 3420 | 5728 | 69 | 2537 | 31 | 81 | 1 | 0 | 0 | 4.1 | 37 | 3.4 | 31 | 3.3 | 33 | 3.8 | 35 | 3.8 | 34 | | |
| | No Information Provided | | 5 | 3347 | 4 | 80 | 1 | 20 | 0 | 0 | 0 | 0 | 3.0 | 27 | 2.8 | 25 | 2.8 | 28 | 4.0 | 36 | 3.8 | 35 | | |
| Title I, Part A | Participants | | 21369 | 3412 | 15024 | 70 | 6345 | 30 | 179 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | Nonparticipants | | 14829 | 3416 | 10374 | 70 | 4455 | 30 | 118 | 1 | 0 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.8 | 34 | | |
| | No Information Provided | | 6 | 3338 | 5 | 83 | 1 | 17 | 0 | 0 | 0 | 0 | 3.3 | 30 | 2.5 | 23 | 3.0 | 30 | 4.0 | 36 | 3.3 | 30 | | |
| Migrant | Yes | | 356 | 3429 | 249 | 70 | 107 | 30 | 9 | 3 | 0 | 0 | 4.1 | 37 | 3.6 | 33 | 3.3 | 33 | 3.9 | 35 | 3.8 | 34 | | |
| | No | | 35815 | 3413 | 25129 | 70 | 10686 | 30 | 288 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | No Information Provided | | 33 | 3367 | 25 | 76 | 8 | 24 | 0 | 0 | 0 | 0 | 3.6 | 33 | 2.9 | 26 | 3.0 | 30 | 3.9 | 35 | 3.6 | 33 | | |
| Limited English Proficient | Current LEP | | 12738 | 3394 | 9508 | 75 | 3230 | 25 | 65 | 1 | 2 | 0 | 4.0 | 36 | 3.2 | 29 | 3.1 | 31 | 3.8 | 35 | 3.5 | 32 | | |
| | Non-LEP (Monitored 1st Year) | | 365 | 3452 | 213 | 58 | 152 | 42 | 1 | 0 | 0 | 0 | 4.3 | 40 | 3.7 | 33 | 3.3 | 33 | 3.9 | 36 | 4.0 | 36 | | |
| | Non-LEP (Monitored 2nd Year) | | 343 | 3484 | 196 | 57 | 147 | 43 | 3 | 1 | 0 | 0 | 4.5 | 41 | 3.8 | 34 | 3.4 | 34 | 4.0 | 36 | 4.2 | 38 | | |
| | Other Non-LEP | | 22754 | 3423 | 15483 | 68 | 7271 | 32 | 228 | 1 | 1 | 0 | 4.1 | 38 | 3.5 | 32 | 3.3 | 33 | 3.7 | 34 | 3.8 | 35 | | |
| | No Information Provided | | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| Bilingual | Participants | | 22 | 3416 | 18 | 82 | 4 | 18 | 0 | 0 | 0 | 0 | 3.8 | 35 | 3.3 | 30 | 3.2 | 32 | 4.2 | 38 | 3.7 | 34 | | |
| | Nonparticipants | | 36160 | 3414 | 25370 | 70 | 10790 | 30 | 297 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | No Information Provided | | 22 | 3413 | 15 | 68 | 7 | 32 | 0 | 0 | 0 | 0 | 3.7 | 34 | 2.9 | 26 | 3.4 | 34 | 4.2 | 38 | 3.9 | 36 | | |
| ESL | Participants | | 12295 | 3394 | 9164 | 75 | 3131 | 25 | 63 | 1 | 2 | 0 | 4.0 | 36 | 3.2 | 30 | 3.1 | 31 | 3.8 | 35 | 3.5 | 32 | | |
| | Nonparticipants | | 23888 | 3424 | 16224 | 68 | 7664 | 32 | 234 | 1 | 1 | 0 | 4.1 | 38 | 3.5 | 32 | 3.3 | 33 | 3.7 | 34 | 3.8 | 35 | | |
| | No Information Provided | | 21 | 3406 | 15 | 71 | 6 | 29 | 0 | 0 | 0 | 0 | 3.7 | 33 | 2.9 | 26 | 3.4 | 34 | 4.2 | 38 | 3.9 | 35 | | |
| Special Education | Yes | | 9232 | 3364 | 7372 | 80 | 1860 | 20 | 22 | 0 | 0 | 0 | 3.8 | 34 | 3.1 | 28 | 3.0 | 30 | 3.6 | 33 | 3.5 | 32 | | |
| | No | | 26965 | 3430 | 18026 | 67 | 8939 | 33 | 275 | 1 | 3 | 0 | 4.2 | 38 | 3.5 | 32 | 3.3 | 33 | 3.8 | 35 | 3.8 | 35 | | |
| | No Information Provided | | 7 | 3381 | 5 | 71 | 2 | 29 | 0 | 0 | 0 | 0 | 3.4 | 31 | 2.7 | 25 | 2.9 | 29 | 4.0 | 36 | 4.1 | 38 | | |
| Gifted/Talented | Participants | | 90 | 3489 | 46 | 51 | 44 | 49 | 4 | 4 | 0 | 0 | 4.6 | 42 | 3.9 | 36 | 3.6 | 36 | 4.3 | 39 | 4.0 | 37 | | |
| | Nonparticipants | | 36107 | 3413 | 25352 | 70 | 10755 | 30 | 293 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | No Information Provided | | 7 | 3381 | 5 | 71 | 2 | 29 | 0 | 0 | 0 | 0 | 3.4 | 31 | 2.7 | 25 | 2.9 | 29 | 4.0 | 36 | 4.1 | 38 | | |
| At-Risk | Yes | | 33486 | 3411 | 23643 | 71 | 9843 | 29 | 257 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | No | | 2713 | 3442 | 1756 | 65 | 957 | 35 | 40 | 1 | 0 | 0 | 4.2 | 39 | 3.6 | 33 | 3.4 | 34 | 3.8 | 35 | 3.9 | 35 | | |
| | No Information Provided | | 5 | 3347 | 4 | 80 | 1 | 20 | 0 | 0 | 0 | 0 | 3.0 | 27 | 2.8 | 25 | 2.8 | 28 | 4.0 | 36 | 3.8 | 35 | | |
| Career/Technical Education | Participants | | 24548 | 3416 | 17177 | 70 | 7371 | 30 | 194 | 1 | 3 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | Nonparticipants | | 11635 | 3408 | 8215 | 71 | 3420 | 29 | 103 | 1 | 0 | 0 | 4.1 | 37 | 3.4 | 31 | 3.2 | 32 | 3.8 | 34 | 3.7 | 34 | | |
| | No Information Provided | | 21 | 3460 | 11 | 52 | 10 | 48 | 0 | 0 | 0 | 0 | 4.5 | 41 | 3.3 | 30 | 4.0 | 40 | 3.8 | 35 | 3.7 | 33 | | |

* Students who took the paper STAAR with embedded supports version of the test are not included in the reporting category results.