STATEWIDE

# TEXAS END-OF-COURSE - CHEMISTRY
## Raw Score Distribution by Objective Summary - All Students

**Report Date:** SUMMER 2009
**Date of Testing:** SPRING 2009

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

| | Number of Students Tested | Average Raw Score | 1 | | 2 | | 3 | | 4 | | 5 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Nature of Science | | Matter | | Atoms, Bonds, and Nuclear Processes | | Energy Transformations | | Solutions | |
| | | | Number of Items Tested in Each Objective | | | | | | | | | |
| | | | 8 | | 14 | | 10 | | 8 | | 10 | |
| | | | Average Number of Items Correct/Average Percent of Items Correct | | | | | | | | | |
| | | | # | % | # | % | # | % | # | % | # | % |
| **All Students** | 36696 | 28 | 5.3 | 66 | 7.5 | 53 | 5.5 | 55 | 3.8 | 47 | 5.6 | 56 |
| **Male** | 18021 | 28 | 5.4 | 67 | 7.6 | 54 | 5.6 | 56 | 4.0 | 50 | 5.7 | 57 |
| **Female** | 18675 | 27 | 5.2 | 65 | 7.4 | 53 | 5.4 | 54 | 3.6 | 45 | 5.5 | 55 |
| **No Information Provided** | 0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Native American** | 140 | 27 | 5.3 | 66 | 7.4 | 53 | 5.3 | 53 | 3.9 | 49 | 5.5 | 55 |
| **Asian** | 1423 | 33 | 6.0 | 75 | 9.3 | 67 | 6.5 | 65 | 4.5 | 57 | 6.8 | 68 |
| **African American** | 3345 | 24 | 4.6 | 57 | 6.5 | 46 | 4.9 | 49 | 3.2 | 40 | 4.9 | 49 |
| **Hispanic** | 12122 | 25 | 4.8 | 60 | 6.5 | 47 | 5.0 | 50 | 3.3 | 41 | 5.0 | 50 |
| **White** | 17359 | 30 | 5.7 | 71 | 8.2 | 58 | 6.0 | 60 | 4.2 | 53 | 6.0 | 60 |
| **No Information Provided** | 2307 | 27 | 5.2 | 65 | 7.4 | 53 | 5.4 | 54 | 3.7 | 47 | 5.6 | 56 |
| **Economically** *Yes* | 11955 | 24 | 4.7 | 59 | 6.4 | 46 | 4.9 | 49 | 3.2 | 40 | 4.9 | 49 |
| **Disadvantaged** *No* | 22196 | 30 | 5.6 | 70 | 8.0 | 57 | 5.9 | 59 | 4.1 | 51 | 5.9 | 59 |
| *No Information Provided* | 2545 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **Title I, Part A** *Participants* | 9986 | 25 | 4.9 | 61 | 6.7 | 48 | 5.1 | 51 | 3.4 | 42 | 5.1 | 51 |
| *Nonparticipants* | 24148 | 29 | 5.4 | 68 | 7.8 | 56 | 5.7 | 57 | 4.0 | 50 | 5.8 | 58 |
| *No Information Provided* | 2562 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **Migrant** *Yes* | 202 | 20 | 4.1 | 52 | 5.3 | 38 | 4.0 | 40 | 2.6 | 32 | 4.2 | 42 |
| *No* | 33903 | 28 | 5.3 | 66 | 7.5 | 53 | 5.5 | 55 | 3.8 | 48 | 5.6 | 56 |
| *No Information Provided* | 2591 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **LEP** *Current LEP* | 1039 | 20 | 3.8 | 47 | 5.1 | 37 | 4.0 | 40 | 2.6 | 33 | 4.0 | 40 |
| *Non-LEP (Monitored 1st Year)* | 255 | 23 | 4.5 | 56 | 6.0 | 43 | 4.5 | 45 | 3.0 | 37 | 4.8 | 48 |
| *Non-LEP (Monitored 2nd Year)* | 156 | 22 | 4.6 | 57 | 6.0 | 43 | 4.5 | 45 | 3.0 | 38 | 4.4 | 44 |
| *Other Non-LEP* | 32631 | 28 | 5.3 | 67 | 7.6 | 54 | 5.6 | 56 | 3.9 | 48 | 5.6 | 56 |
| *No Information Provided* | 2615 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **Bilingual** *Participants* | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Nonparticipants* | 34099 | 28 | 5.3 | 66 | 7.5 | 53 | 5.5 | 55 | 3.8 | 48 | 5.6 | 56 |
| *No Information Provided* | 2593 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **ESL** *Participants* | 1679 | 21 | 4.2 | 53 | 5.6 | 40 | 4.3 | 43 | 2.8 | 36 | 4.4 | 44 |
| *Nonparticipants* | 32418 | 28 | 5.3 | 67 | 7.6 | 54 | 5.6 | 56 | 3.9 | 48 | 5.6 | 56 |
| *No Information Provided* | 2599 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **Special Education** *Yes* | 1339 | 20 | 3.9 | 48 | 5.2 | 37 | 4.0 | 40 | 2.7 | 34 | 4.1 | 41 |
| *No* | 32783 | 28 | 5.3 | 67 | 7.6 | 54 | 5.6 | 56 | 3.8 | 48 | 5.6 | 56 |
| *No Information Provided* | 2574 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **Gifted/Talented** *Participants* | 4249 | 36 | 6.5 | 81 | 10.2 | 73 | 7.1 | 71 | 5.0 | 63 | 7.2 | 72 |
| *Nonparticipants* | 29839 | 26 | 5.1 | 64 | 7.1 | 51 | 5.3 | 53 | 3.6 | 45 | 5.3 | 53 |
| *No Information Provided* | 2608 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **At-Risk** *Yes* | 13167 | 22 | 4.3 | 54 | 5.6 | 40 | 4.5 | 45 | 3.0 | 37 | 4.5 | 45 |
| *No* | 20955 | 31 | 5.9 | 73 | 8.6 | 62 | 6.2 | 62 | 4.3 | 54 | 6.3 | 63 |
| *No Information Provided* | 2574 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |
| **Career/Technical** *Participants* | 22553 | 27 | 5.2 | 64 | 7.2 | 52 | 5.4 | 54 | 3.7 | 46 | 5.4 | 54 |
| **Education** *Nonparticipants* | 11574 | 29 | 5.5 | 69 | 8.0 | 57 | 5.8 | 58 | 4.0 | 51 | 5.9 | 59 |
| *No Information Provided* | 2569 | 27 | 5.2 | 65 | 7.3 | 52 | 5.4 | 54 | 3.7 | 46 | 5.5 | 55 |

STATEWIDE

# TEXAS END-OF-COURSE - CHEMISTRY
## Raw Score Frequency Distribution - All Students

**Report Date:** SUMMER 2009
**Date of Testing:** SPRING 2009

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

| | | | Raw Score 0-5 | | Raw Score 6-10 | | Raw Score 11-15 | | Raw Score 16-20 | | Raw Score 21-25 | | Raw Score 26-30 | | Raw Score 31-35 | | Raw Score 36-40 | | Raw Score 41-45 | | Raw Score 46-50 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Students Tested | Average Raw Score | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| **All Students** | 36696 | 28 | 195 | 1 | 395 | 1 | 2885 | 8 | 5640 | 15 | 6771 | 18 | 6649 | 18 | 6024 | 16 | 4605 | 13 | 2748 | 7 | 784 | 2 |
| **Male** | 18021 | 28 | 98 | 1 | 214 | 1 | 1474 | 8 | 2614 | 15 | 3001 | 17 | 3054 | 17 | 2954 | 16 | 2440 | 14 | 1619 | 9 | 553 | 3 |
| **Female** | 18675 | 27 | 97 | 1 | 181 | 1 | 1411 | 8 | 3026 | 16 | 3770 | 20 | 3595 | 19 | 3070 | 16 | 2165 | 12 | 1129 | 6 | 231 | 1 |
| **No Information Provided** | 0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Native American** | 140 | 27 | 2 | 1 | 0 | 0 | 12 | 9 | 18 | 13 | 23 | 16 | 32 | 23 | 24 | 17 | 19 | 14 | 10 | 7 | 0 | 0 |
| **Asian** | 1423 | 33 | 4 | 0 | 5 | 0 | 39 | 3 | 85 | 6 | 143 | 10 | 261 | 18 | 264 | 19 | 272 | 19 | 260 | 18 | 90 | 6 |
| **African American** | 3345 | 24 | 17 | 1 | 72 | 2 | 389 | 12 | 740 | 22 | 786 | 23 | 597 | 18 | 411 | 12 | 244 | 7 | 79 | 2 | 10 | 0 |
| **Hispanic** | 12122 | 25 | 52 | 0 | 211 | 2 | 1525 | 13 | 2641 | 22 | 2593 | 21 | 2061 | 17 | 1502 | 12 | 972 | 8 | 449 | 4 | 116 | 1 |
| **White** | 17359 | 30 | 109 | 1 | 89 | 1 | 760 | 4 | 1787 | 10 | 2777 | 16 | 3215 | 19 | 3441 | 20 | 2847 | 16 | 1808 | 10 | 526 | 3 |
| **No Information Provided** | 2307 | 27 | 11 | 0 | 18 | 1 | 160 | 7 | 369 | 16 | 449 | 19 | 483 | 21 | 382 | 17 | 251 | 11 | 142 | 6 | 42 | 2 |
| **Economically** *Yes* | 11955 | 24 | 69 | 1 | 225 | 2 | 1559 | 13 | 2710 | 23 | 2566 | 21 | 2022 | 17 | 1463 | 12 | 894 | 7 | 363 | 3 | 84 | 1 |
| **Disadvantaged** *No* | 22196 | 30 | 114 | 1 | 140 | 1 | 1127 | 5 | 2514 | 11 | 3712 | 17 | 4120 | 19 | 4145 | 19 | 3436 | 15 | 2232 | 10 | 656 | 3 |
| *No Information Provided* | 2545 | 27 | 12 | 0 | 30 | 1 | 199 | 8 | 416 | 16 | 493 | 19 | 507 | 20 | 416 | 16 | 275 | 11 | 153 | 6 | 44 | 2 |
| **Title I, Part A** *Participants* | 9986 | 25 | 72 | 1 | 162 | 2 | 1133 | 11 | 1962 | 20 | 2046 | 20 | 1829 | 18 | 1389 | 14 | 896 | 9 | 417 | 4 | 80 | 1 |
| *Nonparticipants* | 24148 | 29 | 111 | 0 | 208 | 1 | 1553 | 6 | 3261 | 14 | 4224 | 17 | 4311 | 18 | 4210 | 17 | 3434 | 14 | 2177 | 9 | 659 | 3 |
| *No Information Provided* | 2562 | 27 | 12 | 0 | 25 | 1 | 199 | 8 | 417 | 16 | 501 | 20 | 509 | 20 | 425 | 17 | 275 | 11 | 154 | 6 | 45 | 2 |
| **Migrant** *Yes* | 202 | 20 | 3 | 1 | 6 | 3 | 49 | 24 | 60 | 30 | 40 | 20 | 25 | 12 | 13 | 6 | 5 | 2 | 1 | 0 | 0 | 0 |
| *No* | 33903 | 28 | 180 | 1 | 359 | 1 | 2633 | 8 | 5160 | 15 | 6228 | 18 | 6109 | 18 | 5581 | 16 | 4321 | 13 | 2593 | 8 | 739 | 2 |
| *No Information Provided* | 2591 | 27 | 12 | 0 | 30 | 1 | 203 | 8 | 420 | 16 | 503 | 19 | 515 | 20 | 430 | 17 | 279 | 11 | 154 | 6 | 45 | 2 |
| **LEP** *Current LEP* | 1039 | 20 | 6 | 1 | 45 | 4 | 267 | 26 | 322 | 31 | 211 | 20 | 112 | 11 | 43 | 4 | 22 | 2 | 9 | 1 | 2 | 0 |
| *Non-LEP (Monitored 1st Year)* | 255 | 23 | 1 | 0 | 4 | 2 | 41 | 16 | 74 | 29 | 51 | 20 | 40 | 16 | 27 | 11 | 12 | 5 | 4 | 2 | 1 | 0 |
| *Non-LEP (Monitored 2nd Year)* | 156 | 22 | 0 | 0 | 3 | 2 | 25 | 16 | 45 | 29 | 36 | 23 | 23 | 15 | 13 | 8 | 4 | 3 | 5 | 3 | 2 | 1 |
| *Other Non-LEP* | 32631 | 28 | 176 | 1 | 311 | 1 | 2339 | 7 | 4771 | 15 | 5967 | 18 | 5959 | 18 | 5510 | 17 | 4288 | 13 | 2576 | 8 | 734 | 2 |
| *No Information Provided* | 2615 | 27 | 12 | 0 | 32 | 1 | 213 | 8 | 428 | 16 | 506 | 19 | 515 | 20 | 431 | 16 | 279 | 11 | 154 | 6 | 45 | 2 |
| **Bilingual** *Participants* | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Nonparticipants* | 34099 | 28 | 183 | 1 | 365 | 1 | 2682 | 8 | 5218 | 15 | 6265 | 18 | 6134 | 18 | 5594 | 16 | 4325 | 13 | 2594 | 8 | 739 | 2 |
| *No Information Provided* | 2593 | 27 | 12 | 0 | 30 | 1 | 203 | 8 | 422 | 16 | 505 | 19 | 514 | 20 | 429 | 17 | 279 | 11 | 154 | 6 | 45 | 2 |
| **ESL** *Participants* | 1679 | 21 | 9 | 1 | 62 | 4 | 332 | 20 | 464 | 28 | 355 | 21 | 224 | 13 | 133 | 8 | 67 | 4 | 28 | 2 | 5 | 0 |
| *Nonparticipants* | 32418 | 28 | 174 | 1 | 304 | 1 | 2348 | 7 | 4753 | 15 | 5910 | 18 | 5909 | 18 | 5461 | 17 | 4259 | 13 | 2566 | 8 | 734 | 2 |
| *No Information Provided* | 2599 | 27 | 12 | 0 | 29 | 1 | 205 | 8 | 423 | 16 | 506 | 19 | 516 | 20 | 430 | 17 | 279 | 11 | 154 | 6 | 45 | 2 |
| **Special Education** *Yes* | 1339 | 20 | 12 | 1 | 59 | 4 | 360 | 27 | 416 | 31 | 233 | 17 | 130 | 10 | 59 | 4 | 38 | 3 | 24 | 2 | 8 | 1 |
| *No* | 32783 | 28 | 171 | 1 | 307 | 1 | 2327 | 7 | 4808 | 15 | 6039 | 18 | 6006 | 18 | 5537 | 17 | 4287 | 13 | 2570 | 8 | 731 | 2 |
| *No Information Provided* | 2574 | 27 | 12 | 0 | 29 | 1 | 198 | 8 | 416 | 16 | 499 | 19 | 513 | 20 | 428 | 17 | 280 | 11 | 154 | 6 | 45 | 2 |
| **Gifted/Talented** *Participants* | 4249 | 36 | 19 | 0 | 2 | 0 | 35 | 1 | 114 | 3 | 284 | 7 | 505 | 12 | 791 | 19 | 1111 | 26 | 998 | 23 | 390 | 9 |
| *Nonparticipants* | 29839 | 26 | 164 | 1 | 363 | 1 | 2647 | 9 | 5105 | 17 | 5984 | 20 | 5627 | 19 | 4798 | 16 | 3208 | 11 | 1594 | 5 | 349 | 1 |
| *No Information Provided* | 2608 | 27 | 12 | 0 | 30 | 1 | 203 | 8 | 421 | 16 | 503 | 19 | 517 | 20 | 435 | 17 | 286 | 11 | 156 | 6 | 45 | 2 |
| **At-Risk** *Yes* | 13167 | 22 | 100 | 1 | 313 | 2 | 2150 | 16 | 3650 | 28 | 3239 | 25 | 2042 | 16 | 1016 | 8 | 470 | 4 | 155 | 1 | 32 | 0 |
| *No* | 20955 | 31 | 83 | 0 | 56 | 0 | 541 | 3 | 1575 | 8 | 3033 | 14 | 4094 | 20 | 4579 | 22 | 3852 | 18 | 2436 | 12 | 706 | 3 |
| *No Information Provided* | 2574 | 27 | 12 | 0 | 26 | 1 | 194 | 8 | 415 | 16 | 499 | 19 | 513 | 20 | 429 | 17 | 283 | 11 | 157 | 6 | 46 | 2 |
| **Career/Technical** *Participants* | 22553 | 27 | 127 | 1 | 251 | 1 | 1929 | 9 | 3740 | 17 | 4433 | 20 | 4137 | 18 | 3652 | 16 | 2569 | 11 | 1366 | 6 | 349 | 2 |
| **Education** *Nonparticipants* | 11574 | 29 | 56 | 0 | 115 | 1 | 756 | 7 | 1490 | 13 | 1845 | 16 | 2004 | 17 | 1945 | 17 | 1751 | 15 | 1223 | 11 | 389 | 3 |
| *No Information Provided* | 2569 | 27 | 12 | 0 | 29 | 1 | 200 | 8 | 410 | 16 | 493 | 19 | 508 | 20 | 427 | 17 | 285 | 11 | 159 | 6 | 46 | 2 |

# *TEXAS END-OF-COURSE - CHEMISTRY*
## Cumulative Raw Score Frequency Distribution - All Students

**STATEWIDE**

**Report Date:** SUMMER 2009
**Date of Testing:** SPRING 2009

| Raw Score | Number of Students with Corresponding Raw Score | Percent of Students with Corresponding Raw Score | Cumulative Number of Students Less Than or Equal to Corresponding Raw Score | Cumulative Percent of Students Less Than or Equal to Corresponding Raw Score |
|---|---|---|---|---|
| 0 | 166 | 0 | 166 | 0 |
| 1 | 4 | 0 | 170 | 0 |
| 2 | 5 | 0 | 175 | 0 |
| 3 | 8 | 0 | 183 | 0 |
| 4 | 3 | 0 | 186 | 1 |
| 5 | 9 | 0 | 195 | 1 |
| 6 | 16 | 0 | 211 | 1 |
| 7 | 30 | 0 | 241 | 1 |
| 8 | 63 | 0 | 304 | 1 |
| 9 | 98 | 0 | 402 | 1 |
| 10 | 188 | 1 | 590 | 2 |
| 11 | 314 | 1 | 904 | 2 |
| 12 | 412 | 1 | 1316 | 4 |
| 13 | 580 | 2 | 1896 | 5 |
| 14 | 685 | 2 | 2581 | 7 |
| 15 | 894 | 2 | 3475 | 9 |
| 16 | 996 | 3 | 4471 | 12 |
| 17 | 1005 | 3 | 5476 | 15 |
| 18 | 1133 | 3 | 6609 | 18 |
| 19 | 1249 | 3 | 7858 | 21 |
| 20 | 1257 | 3 | 9115 | 25 |
| 21 | 1364 | 4 | 10479 | 29 |
| 22 | 1342 | 4 | 11821 | 32 |
| 23 | 1356 | 4 | 13177 | 36 |
| 24 | 1344 | 4 | 14521 | 40 |
| 25 | 1365 | 4 | 15886 | 43 |
| 26 | 1366 | 4 | 17252 | 47 |
| 27 | 1361 | 4 | 18613 | 51 |
| 28 | 1302 | 4 | 19915 | 54 |
| 29 | 1340 | 4 | 21255 | 58 |
| 30 | 1280 | 3 | 22535 | 61 |
| 31 | 1273 | 3 | 23808 | 65 |
| 32 | 1272 | 3 | 25080 | 68 |
| 33 | 1270 | 3 | 26350 | 72 |
| 34 | 1164 | 3 | 27514 | 75 |
| 35 | 1045 | 3 | 28559 | 78 |
| 36 | 1070 | 3 | 29629 | 81 |
| 37 | 942 | 3 | 30571 | 83 |
| 38 | 954 | 3 | 31525 | 86 |
| 39 | 902 | 2 | 32427 | 88 |
| 40 | 737 | 2 | 33164 | 90 |
| 41 | 723 | 2 | 33887 | 92 |
| 42 | 638 | 2 | 34525 | 94 |
| 43 | 555 | 2 | 35080 | 96 |
| 44 | 473 | 1 | 35553 | 97 |
| 45 | 359 | 1 | 35912 | 98 |
| 46 | 318 | 1 | 36230 | 99 |
| 47 | 236 | 1 | 36466 | 99 |
| 48 | 143 | 0 | 36609 | 100 |
| 49 | 64 | 0 | 36673 | 100 |
| 50 | 23 | 0 | 36696 | 100 |