

American Chemical Society
Division of Chemical Education

Composite Norms

General Chemistry (Conceptual) Exam 2001

| Score | Percentile | Score | Percentile | Score | Percentile |
|--------------|-------------------|--------------|-------------------|--------------|-------------------|
| 60 | 100 | 40 | 80 | 20 | 15 |
| 59 | 100 | 39 | 78 | 19 | 12 |
| 58 | 100 | 38 | 75 | 18 | 10 |
| 57 | 100 | 37 | 73 | 17 | 7 |
| 56 | 100 | 36 | 69 | 16 | 6 |
| 55 | 99 | 35 | 64 | 15 | 4 |
| 54 | 99 | 34 | 61 | 14 | 3 |
| 53 | 98 | 33 | 59 | 13 | 2 |
| 52 | 98 | 32 | 55 | 12 | 1 |
| 51 | 97 | 31 | 51 | 11 | 1 |
| 50 | 96 | 30 | 47 | 10 | 0 |
| 49 | 95 | 29 | 42 | 9 | 0 |
| 48 | 94 | 28 | 39 | 8 | 0 |
| 47 | 92 | 27 | 35 | 7 | 0 |
| 46 | 91 | 26 | 31 | 6 | 0 |
| 45 | 90 | 25 | 29 | 5 | 0 |
| 44 | 89 | 24 | 26 | 4 | 0 |
| 43 | 87 | 23 | 23 | 3 | 0 |
| 42 | 85 | 22 | 20 | 2 | 0 |
| 41 | 82 | 21 | 18 | 1 | 0 |

| | |
|----------------|-------|
| Mean | 31.25 |
| Std deviation | 9.99 |
| Median | 30.4 |
| KR-21 rel | 0.86 |
| Std error/meas | 3.68 |