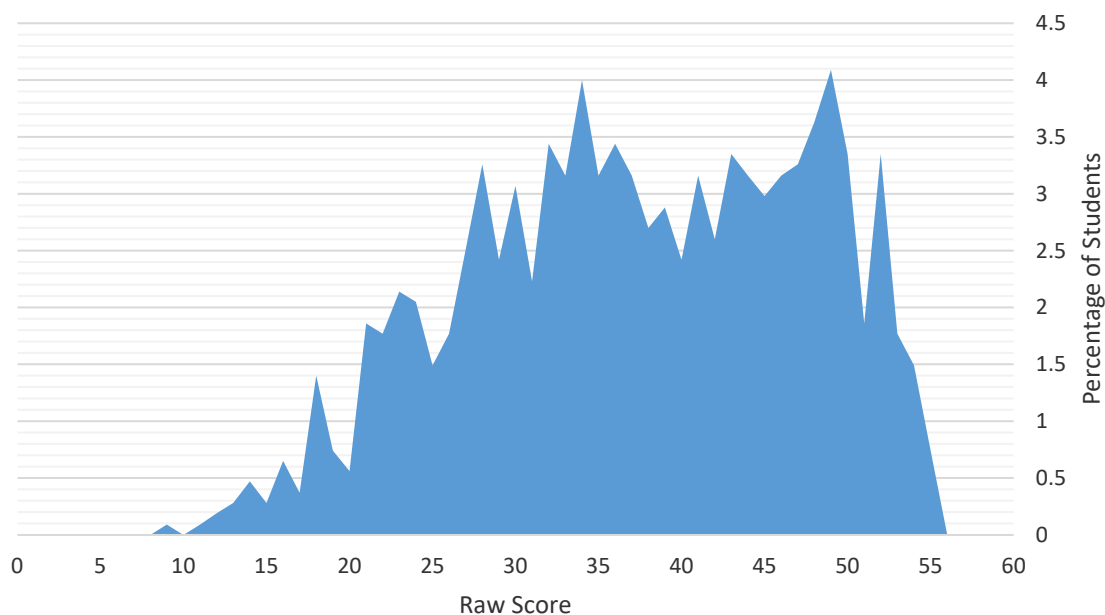


**American Chemical Society Division of Chemical Education
Composite Norms – Toledo Placement Exam 2026 (TP26)**

Score	Percentile	Score	Percentile	Score	Percentile
60	100	37	50	14	1
59	100	36	47	13	1
58	100	35	43	12	0
57	100	34	40	11	0
56	100	33	36	10	0
55	100	32	33	9	0
54	99	31	30	8	0
53	98	30	27	7	0
52	96	29	24	6	0
51	93	28	22	5	0
50	91	27	19	4	0
49	87	26	16	3	0
48	83	25	14	2	0
47	80	24	13	1	0
46	76	23	11		
45	73	22	9		
44	70	21	7		
43	67	20	5		
42	64	19	5		
41	61	18	4		
40	58	17	2		
39	56	16	2		
38	53	15	1		

Mean	37.3
Std. deviation	10.2
Median	37
KR-21 reliability	0.88
Std error/meas	3.55

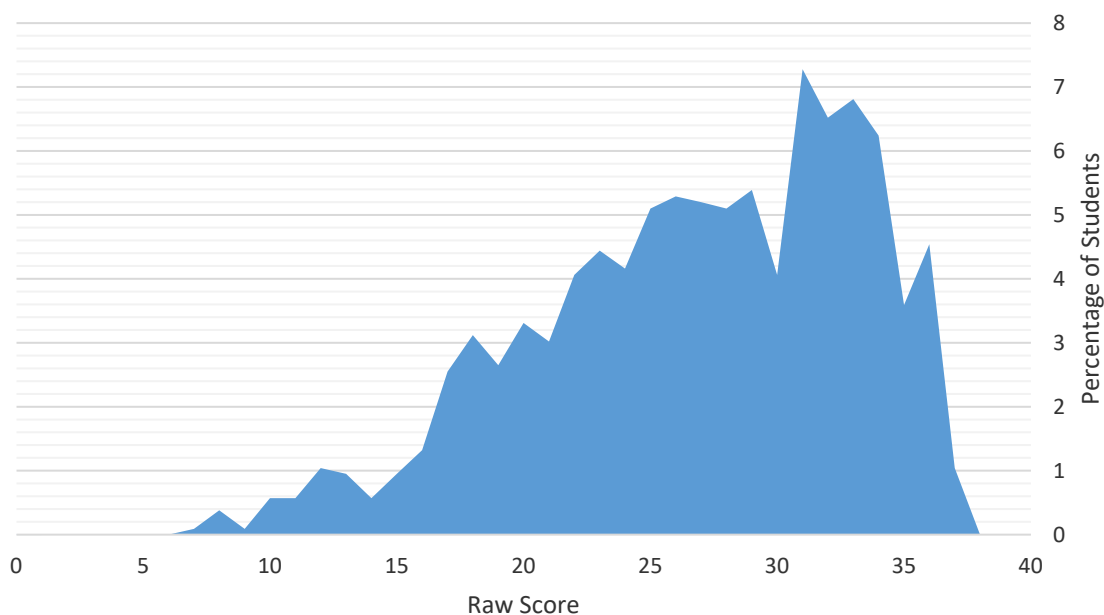
TP26 Part I, II and III
based on the modeled scores of 1075 students from 6 institutions



American Chemical Society Division of Chemical Education
Composite Norms – Toledo Placement Exam 2026 (TP26)
Part I: General Mathematics & Part II: Foundational Chemistry Knowledge

Score	Percentile	Score	Percentile		
40	100	20	18	Mean 26.8 Std. deviation 6.4 Median 28 KR-21 reliability 0.80 Std error/meas 2.83	
39	100	19	15		
38	100	18	12		
37	100	17	9		
36	100	16	7		
35	94	15	5		
34	91	14	4		
33	85	13	4		
32	78	12	3		
31	71	11	2		
30	64	10	1		
29	60	9	1		
28	55	8	0		
27	49	7	0		
26	44	6	0		
25	39	5	0		
24	34	4	0		
23	30	3	0		
22	25	2	0		
21	21	1	0		

TP26 Part I and II
based on the modeled scores of 1075 students from 6 institutions



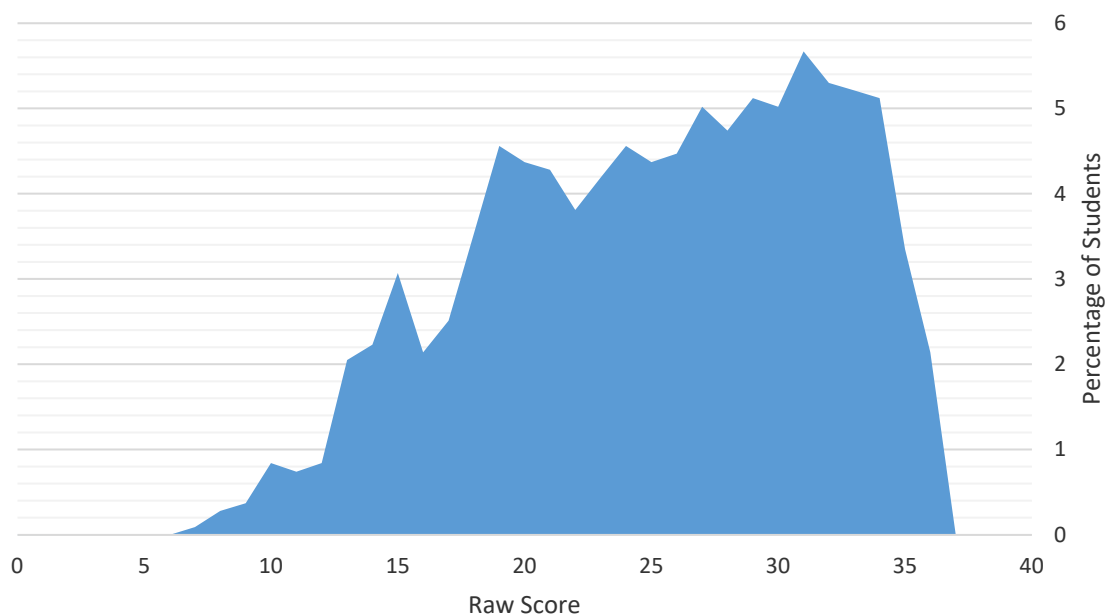
American Chemical Society Division of Chemical Education
Composite Norms – Toledo Placement Exam 2026 (TP26)
Part I: General Mathematics & Part III: Advanced Chemistry Knowledge

Score	Percentile
40	100
39	100
38	100
37	100
36	100
35	98
34	95
33	89
32	84
31	79
30	73
29	68
28	63
27	58
26	53
25	49
24	44
23	40
22	36
21	32

Score	Percentile
20	28
19	23
18	19
17	15
16	13
15	11
14	7
13	5
12	3
11	2
10	2
9	1
8	0
7	0
6	0
5	0
4	0
3	0
2	0
1	0

Mean	25.1
Std. deviation	6.7
Median	26
KR-21 reliability	0.81
Std error/meas	2.90

TP26 Part I and III
 based on the modeled scores of 1075 students from 6 institutions



American Chemical Society Division of Chemical Education
Composite Norms – Toledo Placement Exam 2026 (TP26)
Part II: Foundational Chemistry Knowledge & Part III: Advanced Chemistry Knowledge

Score	Percentile
40	100
39	100
38	100
37	100
36	100
35	99
34	97
33	94
32	90
31	87
30	83
29	77
28	74
27	69
26	64
25	60
24	56
23	52
22	48
21	43

Score	Percentile
20	39
19	34
18	29
17	25
16	20
15	16
14	13
13	9
12	7
11	4
10	3
9	2
8	1
7	1
6	0
5	0
4	0
3	0
2	0
1	0

Mean	23.0
Std. deviation	7.0
Median	23
KR-21 reliability	0.82
Std error/meas	2.96

TP26 Part II and III
based on the modeled scores of 1075 students from 6 institutions

