

Teacher Data Initiative Conversion Charts

Relationship between raw scores (questions correct), scale scores, and Z-scores

ELA - 3rd grade

2009		
Raw scores	Scale scores	Z-scores
0	475	-5.33
1	475	-5.33
2	475	-5.33
3	475	-5.33
4	475	-5.33
5	549	-3.24
6	569	-2.68
7	580	-2.37
8	589	-2.12
9	595	-1.95
10	601	-1.78
11	606	-1.64
12	610	-1.52
13	614	-1.41
14	618	-1.30
15	622	-1.18
16	625	-1.10
17	628	-1.02
18	631	-0.93
19	635	-0.82
20	638	-0.73
21	641	-0.65
22	644	-0.56
23	648	-0.45
24	651	-0.37
25	655	-0.25
26	660	-0.11
27	665	0.03
28	670	0.17
29	677	0.37
30	686	0.62
31	698	0.96
32	720	1.58
33	780	3.27

2010		
Raw scores	Scale scores	Z-scores
0	475	-5.94
1	475	-5.94
2	475	-5.94
3	475	-5.94
4	475	-5.94
5	588	-2.38
6	599	-2.03
7	605	-1.84
8	610	-1.68
9	614	-1.56
10	617	-1.46
11	619	-1.40
12	622	-1.31
13	624	-1.24
14	626	-1.18
15	628	-1.12
16	630	-1.05
17	632	-0.99
18	634	-0.93
19	636	-0.86
20	637	-0.83
21	639	-0.77
22	642	-0.67
23	644	-0.61
24	646	-0.55
25	649	-0.45
26	652	-0.36
27	655	-0.26
28	659	-0.14
29	663	-0.01
30	669	0.18
31	678	0.46
32	694	0.97
33	780	3.68

Note: For additional information on the raw score (questions correct) to scale score conversion see the New York State Education Department's website on ELA and math assessment results (<http://www.p12.nysed.gov/irs/ela-math/>).