

Teacher Data Initiative Conversion Charts**Relationship between raw scores (questions correct), scale scores, and Z-scores***ELA - 6th grade*

2009		
Raw scores	Scale scores	Z-scores
0	480	-6.99
1	480	-6.99
2	480	-6.99
3	480	-6.99
4	480	-6.99
5	558	-4.00
6	589	-2.81
7	599	-2.42
8	606	-2.16
9	611	-1.96
10	615	-1.81
11	619	-1.66
12	622	-1.54
13	624	-1.47
14	627	-1.35
15	629	-1.27
16	631	-1.20
17	633	-1.12
18	635	-1.04
19	637	-0.97
20	638	-0.93
21	640	-0.85
22	642	-0.77
23	643	-0.74
24	645	-0.66
25	647	-0.58
26	649	-0.51
27	651	-0.43
28	653	-0.35
29	655	-0.28
30	657	-0.20
31	660	-0.08
32	663	0.03
33	666	0.15
34	669	0.26
35	674	0.45
36	679	0.65
37	685	0.88
38	696	1.30
39	785	4.71

2010		
Raw scores	Scale scores	Z-scores
0	480	-8.54
1	480	-8.54
2	480	-8.54
3	480	-8.54
4	480	-8.54
5	591	-3.22
6	603	-2.64
7	609	-2.35
8	614	-2.11
9	618	-1.92
10	621	-1.78
11	623	-1.68
12	626	-1.54
13	628	-1.44
14	630	-1.35
15	632	-1.25
16	633	-1.20
17	635	-1.11
18	637	-1.01
19	638	-0.96
20	640	-0.87
21	641	-0.82
22	643	-0.72
23	644	-0.68
24	646	-0.58
25	647	-0.53
26	649	-0.44
27	651	-0.34
28	653	-0.24
29	655	-0.15
30	657	-0.05
31	659	0.04
32	662	0.19
33	665	0.33
34	669	0.52
35	673	0.72
36	678	0.96
37	684	1.24
38	694	1.72
39	785	6.09

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/>).