

**Teacher Data Initiative Conversion Charts****Relationship between raw scores (questions correct), scale scores, and Z-scores***ELA - 5th grade*

2009		
Raw scores	Scale scores	Z-scores
0	495	-5.26
1	495	-5.26
2	495	-5.26
3	495	-5.26
4	495	-5.26
5	561	-3.26
6	588	-2.44
7	600	-2.08
8	608	-1.84
9	614	-1.65
10	619	-1.50
11	623	-1.38
12	627	-1.26
13	630	-1.17
14	633	-1.08
15	636	-0.99
16	639	-0.89
17	641	-0.83
18	644	-0.74
19	647	-0.65
20	649	-0.59
21	652	-0.50
22	655	-0.41
23	658	-0.32
24	662	-0.20
25	666	-0.08
26	670	0.05
27	676	0.23
28	683	0.44
29	693	0.74
30	712	1.32
31	795	3.84

2010		
Raw scores	Scale scores	Z-scores
0	495	-5.51
1	495	-5.51
2	495	-5.51
3	495	-5.51
4	495	-5.51
5	592	-2.44
6	606	-2.00
7	613	-1.78
8	618	-1.62
9	623	-1.46
10	626	-1.37
11	629	-1.27
12	632	-1.18
13	634	-1.12
14	637	-1.02
15	639	-0.96
16	642	-0.86
17	644	-0.80
18	646	-0.74
19	648	-0.67
20	651	-0.58
21	653	-0.52
22	656	-0.42
23	659	-0.33
24	661	-0.26
25	665	-0.14
26	668	-0.04
27	673	0.12
28	678	0.27
29	686	0.53
30	700	0.97
31	795	3.97

**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/>).