

Table E.28. Coefficient Alpha and SEM by Subgroup in Listening on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.689	3.313
Female	1785	0.681	3.329
Hispanic	3403	0.677	3.329
Asian	156	0.732	3.174
American Indian or Alaskan Native	193	0.691	3.280
Black or African American	133	0.729	3.314
Native Hawaiian or Other Pacific Islander	13	0.657	3.477
Multiple Indication	33	0.471	3.401
White	3377	0.680	3.328
Special Ed.	692	0.624	3.422
FRL	3373	0.677	3.332
Migrant	56	0.675	3.350

Table E.29. Coefficient Alpha and SEM by Subgroup in Speaking on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.876	2.805
Female	1785	0.889	2.726
Hispanic	3403	0.876	2.775
Asian	156	0.914	2.585
American Indian or Alaskan Native	193	0.906	2.648
Black or African American	133	0.898	2.935
Native Hawaiian or Other Pacific Islander	13	0.707	2.518
Multiple Indication	33	0.859	2.743
White	3377	0.879	2.774
Special Ed.	692	0.849	2.906
FRL	3373	0.882	2.786
Migrant	56	0.896	2.766

Table E.30. Coefficient Alpha and SEM by Subgroup in Reading on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.779	4.741
Female	1785	0.781	4.731
Hispanic	3403	0.773	4.734
Asian	156	0.834	4.632
American Indian or Alaskan Native	193	0.754	4.811
Black or African American	133	0.823	4.699
Native Hawaiian or Other Pacific Islander	13	0.874	4.378
Multiple Indication	33	0.823	4.594
White	3377	0.772	4.740
Special Ed.	692	0.735	4.712
FRL	3373	0.771	4.750
Migrant	56	0.790	4.653

Table E.31. Coefficient Alpha and SEM by Subgroup in Writing on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.767	4.085
Female	1785	0.781	4.020
Hispanic	3403	0.767	4.051
Asian	156	0.800	4.047
American Indian or Alaskan Native	193	0.759	3.999
Black or African American	133	0.824	4.225
Native Hawaiian or Other Pacific Islander	13	0.691	4.097
Multiple Indication	33	0.769	3.989
White	3377	0.771	4.058
Special Ed.	692	0.727	4.195
FRL	3373	0.772	4.074
Migrant	56	0.769	4.193

Table E.32. Coefficient Alpha and SEM by Subgroup in Language on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.873	5.734
Female	1785	0.876	5.686
Hispanic	3403	0.867	5.703
Asian	156	0.910	5.544
American Indian or Alaskan Native	193	0.869	5.740
Black or African American	133	0.912	5.880
Native Hawaiian or Other Pacific Islander	13	0.804	5.295
Multiple Indication	33	0.856	5.562
White	3377	0.870	5.713
Special Ed.	692	0.844	5.822
FRL	3373	0.872	5.742
Migrant	56	0.876	5.842

Table E.33. Coefficient Alpha and SEM by Subgroup in Oral on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.832	4.740
Female	1785	0.837	4.733
Hispanic	3403	0.828	4.730
Asian	156	0.884	4.528
American Indian or Alaskan Native	193	0.845	4.735
Black or African American	133	0.866	4.910
Native Hawaiian or Other Pacific Islander	13	0.755	4.392
Multiple Indication	33	0.782	4.688
White	3377	0.830	4.738
Special Ed.	692	0.802	4.819
FRL	3373	0.832	4.762
Migrant	56	0.853	4.775

Table E.34. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.839	5.817
Female	1785	0.841	5.812
Hispanic	3403	0.833	5.820
Asian	156	0.879	5.647
American Indian or Alaskan Native	193	0.833	5.839
Black or African American	133	0.876	5.768
Native Hawaiian or Other Pacific Islander	13	0.891	5.626
Multiple Indication	33	0.844	5.729
White	3377	0.834	5.824
Special Ed.	692	0.800	5.853
FRL	3373	0.833	5.832
Migrant	56	0.853	5.738

Table E.35. Coefficient Alpha and SEM by Subgroup in Literacy on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.867	6.276
Female	1785	0.873	6.224
Hispanic	3403	0.865	6.247
Asian	156	0.895	6.184
American Indian or Alaskan Native	193	0.861	6.255
Black or African American	133	0.904	6.316
Native Hawaiian or Other Pacific Islander	13	0.892	6.035
Multiple Indication	33	0.884	6.104
White	3377	0.866	6.256
Special Ed.	692	0.839	6.326
FRL	3373	0.867	6.272
Migrant	56	0.873	6.280

Table E.36. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage III Form 2

Group	N	Coefficient Alpha	SEM
Male	2148	0.906	7.968
Female	1785	0.910	7.926
Hispanic	3403	0.903	7.940
Asian	156	0.932	7.784
American Indian or Alaskan Native	193	0.906	7.959
Black or African American	133	0.933	8.102
Native Hawaiian or Other Pacific Islander	13	0.910	7.525
Multiple Indication	33	0.906	7.778
White	3377	0.904	7.952
Special Ed.	692	0.883	8.050
FRL	3373	0.905	7.980
Migrant	56	0.915	7.997

Table E.37. Coefficient Alpha and SEM by Subgroup in Listening on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.688	3.342
Female	5190	0.677	3.348
Hispanic	9886	0.676	3.354
Asian	418	0.743	3.202
American Indian or Alaskan Native	628	0.639	3.363
Black or African American	413	0.740	3.305
Native Hawaiian or Other Pacific Islander	48	0.708	3.376
Multiple Indication	92	0.658	3.337
White	9781	0.679	3.351
Special Ed.	1964	0.652	3.412
FRL	9828	0.681	3.349
Migrant	198	0.635	3.463

Table E.38. Coefficient Alpha and SEM by Subgroup in Speaking on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.876	2.674
Female	5190	0.894	2.594
Hispanic	9886	0.883	2.628
Asian	418	0.878	2.718
American Indian or Alaskan Native	628	0.884	2.624
Black or African American	413	0.903	2.744
Native Hawaiian or Other Pacific Islander	48	0.890	2.495
Multiple Indication	92	0.861	2.818
White	9781	0.885	2.629
Special Ed.	1964	0.866	2.759
FRL	9828	0.884	2.645
Migrant	198	0.889	2.593

Table E.39. Coefficient Alpha and SEM by Subgroup in Reading on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.798	4.716
Female	5190	0.798	4.676
Hispanic	9886	0.795	4.696
Asian	418	0.819	4.651
American Indian or Alaskan Native	628	0.782	4.745
Black or African American	413	0.814	4.738
Native Hawaiian or Other Pacific Islander	48	0.757	4.783
Multiple Indication	92	0.829	4.617
White	9781	0.797	4.697
Special Ed.	1964	0.749	4.739
FRL	9828	0.795	4.708
Migrant	198	0.796	4.712

Table E.40. Coefficient Alpha and SEM by Subgroup in Writing on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.791	4.127
Female	5190	0.794	4.041
Hispanic	9886	0.791	4.081
Asian	418	0.777	4.122
American Indian or Alaskan Native	628	0.784	4.087
Black or African American	413	0.825	4.281
Native Hawaiian or Other Pacific Islander	48	0.721	4.344
Multiple Indication	92	0.823	3.938
White	9781	0.792	4.085
Special Ed.	1964	0.769	4.227
FRL	9828	0.792	4.109
Migrant	198	0.772	4.397

Table E.41. Coefficient Alpha and SEM by Subgroup in Language on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.873	5.594
Female	5190	0.873	5.547
Hispanic	9886	0.870	5.558
Asian	418	0.872	5.620
American Indian or Alaskan Native	628	0.865	5.595
Black or African American	413	0.902	5.813
Native Hawaiian or Other Pacific Islander	48	0.856	5.687
Multiple Indication	92	0.863	5.579
White	9781	0.872	5.563
Special Ed.	1964	0.850	5.736
FRL	9828	0.872	5.594
Migrant	198	0.888	5.666

Table E.42. Coefficient Alpha and SEM by Subgroup in Oral on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.830	4.649
Female	5190	0.827	4.687
Hispanic	9886	0.824	4.661
Asian	418	0.852	4.571
American Indian or Alaskan Native	628	0.814	4.676
Black or African American	413	0.868	4.758
Native Hawaiian or Other Pacific Islander	48	0.819	4.633
Multiple Indication	92	0.799	4.760
White	9781	0.826	4.664
Special Ed.	1964	0.805	4.766
FRL	9828	0.826	4.677
Migrant	198	0.838	4.669

Table E.43. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.850	5.814
Female	5190	0.848	5.782
Hispanic	9886	0.846	5.804
Asian	418	0.874	5.674
American Indian or Alaskan Native	628	0.830	5.850
Black or African American	413	0.865	5.828
Native Hawaiian or Other Pacific Islander	48	0.835	5.884
Multiple Indication	92	0.865	5.722
White	9781	0.847	5.802
Special Ed.	1964	0.809	5.882
FRL	9828	0.847	5.811
Migrant	198	0.846	5.860

Table E.44. Coefficient Alpha and SEM by Subgroup in Literacy on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.882	6.283
Female	5190	0.883	6.194
Hispanic	9886	0.881	6.237
Asian	418	0.889	6.216
American Indian or Alaskan Native	628	0.874	6.279
Black or African American	413	0.897	6.414
Native Hawaiian or Other Pacific Islander	48	0.845	6.480
Multiple Indication	92	0.900	6.099
White	9781	0.882	6.240
Special Ed.	1964	0.860	6.364
FRL	9828	0.882	6.264
Migrant	198	0.877	6.458

Table E.45. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage III Form 3

Group	N	Coefficient Alpha	SEM
Male	6289	0.913	7.913
Female	5190	0.912	7.871
Hispanic	9886	0.911	7.886
Asian	418	0.922	7.817
American Indian or Alaskan Native	628	0.904	7.932
Black or African American	413	0.929	8.106
Native Hawaiian or Other Pacific Islander	48	0.900	8.020
Multiple Indication	92	0.913	7.856
White	9781	0.912	7.890
Special Ed.	1964	0.891	8.066
FRL	9828	0.912	7.918
Migrant	198	0.916	8.040

Table E.46. Coefficient Alpha and SEM by Subgroup in Listening on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	2827	0.701	3.239
Female	2159	0.688	3.253
Hispanic	4183	0.690	3.245
Asian	202	0.695	3.189
American Indian or Alaskan Native	330	0.619	3.322
Black or African American	221	0.744	3.259
Native Hawaiian or Other Pacific Islander	24	0.587	3.396
Multiple Indication	40	0.714	3.228
White	4124	0.696	3.240
Special Ed.	697	0.649	3.365
FRL	4213	0.691	3.254
Migrant	135	0.736	3.214

Table E.47. Coefficient Alpha and SEM by Subgroup in Speaking on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	2827	0.897	2.388
Female	2159	0.908	2.389
Hispanic	4183	0.903	2.385
Asian	202	0.918	2.328
American Indian or Alaskan Native	330	0.875	2.467
Black or African American	221	0.892	2.419
Native Hawaiian or Other Pacific Islander	24	0.864	2.903
Multiple Indication	40	0.893	2.460
White	4124	0.905	2.379
Special Ed.	697	0.891	2.423
FRL	4213	0.904	2.391
Migrant	135	0.911	2.240

Table E.48. Coefficient Alpha and SEM by Subgroup in Reading on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	2827	0.813	4.680
Female	2159	0.805	4.670
Hispanic	4183	0.804	4.680
Asian	202	0.850	4.556
American Indian or Alaskan Native	330	0.749	4.733
Black or African American	221	0.829	4.713
Native Hawaiian or Other Pacific Islander	24	0.838	4.586
Multiple Indication	40	0.806	4.624
White	4124	0.808	4.678
Special Ed.	697	0.762	4.761
FRL	4213	0.806	4.687
Migrant	135	0.856	4.572

Table E.49. Coefficient Alpha and SEM by Subgroup in Writing on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	4986	0.784	4.237
Female	2827	0.782	4.241
Hispanic	2159	0.789	4.212
Asian	4183	0.781	4.221
American Indian or Alaskan Native	202	0.816	4.316
Black or African American	330	0.743	4.209
Native Hawaiian or Other Pacific Islander	221	0.810	4.244
Multiple Indication	24	0.668	4.401
White	40	0.787	4.286
Special Ed.	4124	0.785	4.229
FRL	697	0.738	4.206
Migrant	4213	0.782	4.237

Table E.50. Coefficient Alpha and SEM by Subgroup in Language on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	4986	0.869	5.583
Female	2827	0.869	5.557
Hispanic	2159	0.871	5.600
Asian	4183	0.867	5.571
American Indian or Alaskan Native	202	0.881	5.689
Black or African American	330	0.833	5.556
Native Hawaiian or Other Pacific Islander	221	0.888	5.570
Multiple Indication	24	0.848	5.856
White	40	0.862	5.597
Special Ed.	4124	0.870	5.576
FRL	697	0.830	5.642
Migrant	4213	0.869	5.589

Table E.51. Coefficient Alpha and SEM by Subgroup in Oral on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	4986	0.849	4.424
Female	2827	0.848	4.394
Hispanic	2159	0.850	4.461
Asian	4183	0.848	4.425
American Indian or Alaskan Native	202	0.862	4.396
Black or African American	330	0.810	4.460
Native Hawaiian or Other Pacific Islander	221	0.863	4.388
Multiple Indication	24	0.817	4.807
White	40	0.830	4.488
Special Ed.	4124	0.850	4.421
FRL	697	0.810	4.551
Migrant	4213	0.848	4.439

Table E.52. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	4986	0.860	5.717
Female	2827	0.862	5.717
Hispanic	2159	0.858	5.707
Asian	4183	0.856	5.717
American Indian or Alaskan Native	202	0.885	5.577
Black or African American	330	0.809	5.806
Native Hawaiian or Other Pacific Islander	221	0.883	5.741
Multiple Indication	24	0.868	5.702
White	40	0.859	5.672
Special Ed.	4124	0.860	5.712
FRL	697	0.817	5.867
Migrant	4213	0.857	5.728

Table E.53. Coefficient Alpha and SEM by Subgroup in Literacy on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	4986	0.882	2.102
Female	2827	0.883	2.088
Hispanic	2159	0.882	2.077
Asian	4183	0.879	2.198
American Indian or Alaskan Native	202	0.909	2.049
Black or African American	330	0.847	2.356
Native Hawaiian or Other Pacific Islander	221	0.897	1.924
Multiple Indication	24	0.872	2.094
White	40	0.888	2.082
Special Ed.	4124	0.881	2.152
FRL	697	0.848	2.089
Migrant	4213	0.880	

Table E.54. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage IV Form 1

Group	N	Coefficient Alpha	SEM
Male	4986	0.919	7.820
Female	2827	0.919	7.803
Hispanic	2159	0.919	7.822
Asian	4183	0.916	7.816
American Indian or Alaskan Native	202	0.934	7.769
Black or African American	330	0.892	7.844
Native Hawaiian or Other Pacific Islander	221	0.930	7.809
Multiple Indication	24	0.913	8.020
White	40	0.917	7.825
Special Ed.	4124	0.918	7.815
FRL	697	0.889	7.935
Migrant	4213	0.917	7.833

Table E.55. Coefficient Alpha and SEM by Subgroup in Listening on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.717	3.216
Female	1441	0.721	3.216
Hispanic	1127	0.713	3.211
Asian	2144	0.712	3.214
American Indian or Alaskan Native	100	0.761	3.080
Black or African American	202	0.703	3.230
Native Hawaiian or Other Pacific Islander	120	0.760	3.239
Multiple Indication	12	0.826	2.962
White	18	0.804	3.230
Special Ed.	2086	0.708	3.221
FRL	374	0.677	3.320
Migrant	2176	0.716	3.223

Table E.56. Coefficient Alpha and SEM by Subgroup in Speaking on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.900	2.383
Female	1441	0.889	2.410
Hispanic	1127	0.912	2.346
Asian	2144	0.895	2.385
American Indian or Alaskan Native	100	0.924	2.207
Black or African American	202	0.910	2.302
Native Hawaiian or Other Pacific Islander	120	0.906	2.450
Multiple Indication	12	0.930	2.204
White	18	0.845	2.334
Special Ed.	2086	0.898	2.390
FRL	374	0.896	2.465
Migrant	2176	0.901	2.396

Table E.57. Coefficient Alpha and SEM by Subgroup in Reading on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.807	4.678
Female	1441	0.814	4.670
Hispanic	1127	0.797	4.680
Asian	2144	0.800	4.678
American Indian or Alaskan Native	100	0.838	4.562
Black or African American	202	0.777	4.676
Native Hawaiian or Other Pacific Islander	120	0.833	4.694
Multiple Indication	12	0.851	4.640
White	18	0.859	4.578
Special Ed.	2086	0.801	4.681
FRL	374	0.751	4.750
Migrant	2176	0.802	4.695

Table E.58. Coefficient Alpha and SEM by Subgroup in Writing on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.791	4.331
Female	1441	0.784	4.326
Hispanic	1127	0.800	4.321
Asian	2144	0.790	4.308
American Indian or Alaskan Native	100	0.787	4.345
Black or African American	202	0.753	4.233
Native Hawaiian or Other Pacific Islander	120	0.812	4.524
Multiple Indication	12	0.800	4.554
White	18	0.869	4.192
Special Ed.	2086	0.791	4.320
FRL	374	0.765	4.333
Migrant	2176	0.791	4.334

Table E.59. Coefficient Alpha and SEM by Subgroup in Language on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.873	5.629
Female	1441	0.872	5.587
Hispanic	1127	0.875	5.669
Asian	2144	0.870	5.595
American Indian or Alaskan Native	100	0.899	5.504
Black or African American	202	0.856	5.554
Native Hawaiian or Other Pacific Islander	120	0.892	5.873
Multiple Indication	12	0.914	5.666
White	18	0.888	5.479
Special Ed.	2086	0.871	5.619
FRL	374	0.848	5.752
Migrant	2176	0.873	5.648

Table E.60. Coefficient Alpha and SEM by Subgroup in Oral on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.854	4.380
Female	1441	0.851	4.355
Hispanic	1127	0.858	4.409
Asian	2144	0.850	4.361
American Indian or Alaskan Native	100	0.893	4.167
Black or African American	202	0.837	4.431
Native Hawaiian or Other Pacific Islander	120	0.875	4.448
Multiple Indication	12	0.927	3.965
White	18	0.878	4.131
Special Ed.	2086	0.851	4.381
FRL	374	0.832	4.544
Migrant	2176	0.854	4.401

Table E.61. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.864	5.697
Female	1441	0.869	5.687
Hispanic	1127	0.856	5.701
Asian	2144	0.859	5.697
American Indian or Alaskan Native	100	0.887	5.533
Black or African American	202	0.838	5.723
Native Hawaiian or Other Pacific Islander	120	0.888	5.715
Multiple Indication	12	0.902	5.559
White	18	0.907	5.625
Special Ed.	2086	0.859	5.701
FRL	374	0.827	5.816
Migrant	2176	0.861	5.716

Table E.62. Coefficient Alpha and SEM by Subgroup in Literacy on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.883	6.405
Female	1441	0.883	6.393
Hispanic	1127	0.882	6.404
Asian	2144	0.880	6.392
American Indian or Alaskan Native	100	0.896	6.313
Black or African American	202	0.857	6.340
Native Hawaiian or Other Pacific Islander	120	0.900	6.544
Multiple Indication	12	0.898	6.552
White	18	0.924	6.245
Special Ed.	2086	0.881	6.401
FRL	374	0.858	6.449
Migrant	2176	0.881	6.418

Table E.63. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage IV Form 2

Group	N	Coefficient Alpha	SEM
Male	2568	0.921	7.842
Female	1441	0.922	7.804
Hispanic	1127	0.920	7.873
Asian	2144	0.919	7.818
American Indian or Alaskan Native	100	0.938	7.643
Black or African American	202	0.905	7.816
Native Hawaiian or Other Pacific Islander	120	0.936	7.980
Multiple Indication	12	0.947	7.766
White	18	0.944	7.589
Special Ed.	2086	0.919	7.839
FRL	374	0.903	7.979
Migrant	2176	0.920	7.864

Table E.64. Coefficient Alpha and SEM by Subgroup in Listening on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.737	3.168
Female	4200	0.743	3.167
Hispanic	3202	0.729	3.166
Asian	6212	0.734	3.161
American Indian or Alaskan Native	256	0.769	3.083
Black or African American	489	0.658	3.194
Native Hawaiian or Other Pacific Islander	330	0.788	3.234
Multiple Indication	31	0.597	3.218
White	68	0.705	3.098
Special Ed.	6146	0.734	3.166
FRL	1055	0.693	3.299
Migrant	6196	0.738	3.180

Table E.65. Coefficient Alpha and SEM by Subgroup in Speaking on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.904	2.294
Female	4200	0.905	2.281
Hispanic	3202	0.903	2.308
Asian	6212	0.904	2.281
American Indian or Alaskan Native	256	0.915	2.240
Black or African American	489	0.906	2.257
Native Hawaiian or Other Pacific Islander	330	0.893	2.439
Multiple Indication	31	0.868	2.184
White	68	0.898	2.098
Special Ed.	6146	0.904	2.288
FRL	1055	0.901	2.316
Migrant	6196	0.905	2.300

Table E.66. Coefficient Alpha and SEM by Subgroup in Reading on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.804	4.726
Female	4200	0.807	4.739
Hispanic	3202	0.799	4.697
Asian	6212	0.796	4.736
American Indian or Alaskan Native	256	0.864	4.577
Black or African American	489	0.756	4.739
Native Hawaiian or Other Pacific Islander	330	0.856	4.596
Multiple Indication	31	0.761	4.694
White	68	0.765	4.750
Special Ed.	6146	0.798	4.735
FRL	1055	0.721	4.740
Migrant	6196	0.799	4.734

Table E.67. Coefficient Alpha and SEM by Subgroup in Writing on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.784	4.212
Female	4200	0.782	4.212
Hispanic	3202	0.785	4.190
Asian	6212	0.777	4.198
American Indian or Alaskan Native	256	0.820	4.236
Black or African American	489	0.730	4.217
Native Hawaiian or Other Pacific Islander	330	0.832	4.261
Multiple Indication	31	0.818	4.020
White	68	0.780	4.188
Special Ed.	6146	0.781	4.205
FRL	1055	0.755	4.207
Migrant	6196	0.783	4.212

Table E.68. Coefficient Alpha and SEM by Subgroup in Language on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.864	5.487
Female	4200	0.864	5.483
Hispanic	3202	0.863	5.473
Asian	6212	0.859	5.468
American Indian or Alaskan Native	256	0.893	5.450
Black or African American	489	0.828	5.496
Native Hawaiian or Other Pacific Islander	330	0.898	5.569
Multiple Indication	31	0.850	5.139
White	68	0.803	5.405
Special Ed.	6146	0.862	5.478
FRL	1055	0.818	5.582
Migrant	6196	0.863	5.503

Table E.69. Coefficient Alpha and SEM by Subgroup in Oral on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.856	4.300
Female	4200	0.857	4.293
Hispanic	3202	0.854	4.305
Asian	6212	0.854	4.287
American Indian or Alaskan Native	256	0.871	4.241
Black or African American	489	0.815	4.361
Native Hawaiian or Other Pacific Islander	330	0.878	4.377
Multiple Indication	31	0.810	4.108
White	68	0.836	4.077
Special Ed.	6146	0.855	4.293
FRL	1055	0.812	4.487
Migrant	6196	0.857	4.320

Table E.70. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.862	5.724
Female	4200	0.864	5.738
Hispanic	3202	0.859	5.695
Asian	6212	0.857	5.730
American Indian or Alaskan Native	256	0.898	5.563
Black or African American	489	0.818	5.746
Native Hawaiian or Other Pacific Islander	330	0.903	5.637
Multiple Indication	31	0.822	5.694
White	68	0.836	5.699
Special Ed.	6146	0.858	5.732
FRL	1055	0.798	5.829
Migrant	6196	0.860	5.738

Table E.71. Coefficient Alpha and SEM by Subgroup in Literacy on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.879	6.358
Female	4200	0.880	6.368
Hispanic	3202	0.878	6.320
Asian	6212	0.873	6.358
American Indian or Alaskan Native	256	0.914	6.250
Black or African American	489	0.846	6.363
Native Hawaiian or Other Pacific Islander	330	0.915	6.281
Multiple Indication	31	0.875	6.221
White	68	0.856	6.386
Special Ed.	6146	0.876	6.361
FRL	1055	0.839	6.367
Migrant	6196	0.878	6.363

Table E.72. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage IV Form 3

Group	N	Coefficient Alpha	SEM
Male	7402	0.917	7.776
Female	4200	0.918	7.780
Hispanic	3202	0.916	7.747
Asian	6212	0.914	7.770
American Indian or Alaskan Native	256	0.939	7.643
Black or African American	489	0.887	7.816
Native Hawaiian or Other Pacific Islander	330	0.943	7.723
Multiple Indication	31	0.906	7.525
White	68	0.895	7.688
Special Ed.	6146	0.915	7.776
FRL	1055	0.881	7.901
Migrant	6196	0.917	7.793

Table E.73. Coefficient Alpha and SEM by Subgroup in Listening on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.708	3.303
Female	1842	0.677	3.338
Hispanic	3259	0.693	3.321
Asian	237	0.726	3.208
American Indian or Alaskan Native	193	0.641	3.320
Black or African American	314	0.686	3.362
Native Hawaiian or Other Pacific Islander	30	0.662	3.299
Multiple Indication	43	0.641	3.414
White	3392	0.694	3.321
Special Ed.	348	0.647	3.356
FRL	2620	0.692	3.325
Migrant	151	0.606	3.418

Table E.74. Coefficient Alpha and SEM by Subgroup in Speaking on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.915	2.195
Female	1842	0.905	2.141
Hispanic	3259	0.911	2.180
Asian	237	0.902	2.073
American Indian or Alaskan Native	193	0.942	2.139
Black or African American	314	0.909	2.110
Native Hawaiian or Other Pacific Islander	30	0.854	2.173
Multiple Indication	43	0.823	2.185
White	3392	0.910	2.182
Special Ed.	348	0.913	2.341
FRL	2620	0.917	2.181
Migrant	151	0.863	2.007

Table E.75. Coefficient Alpha and SEM by Subgroup in Reading on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.802	4.717
Female	1842	0.792	4.635
Hispanic	3259	0.798	4.674
Asian	237	0.801	4.600
American Indian or Alaskan Native	193	0.790	4.647
Black or African American	314	0.797	4.720
Native Hawaiian or Other Pacific Islander	30	0.829	4.631
Multiple Indication	43	0.786	4.683
White	3392	0.799	4.682
Special Ed.	348	0.742	4.765
FRL	2620	0.797	4.696
Migrant	151	0.793	4.716

Table E.76. Coefficient Alpha and SEM by Subgroup in Writing on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.795	4.456
Female	1842	0.776	4.445
Hispanic	3259	0.786	4.461
Asian	237	0.778	4.451
American Indian or Alaskan Native	193	0.765	4.486
Black or African American	314	0.802	4.399
Native Hawaiian or Other Pacific Islander	30	0.780	4.574
Multiple Indication	43	0.765	4.516
White	3392	0.788	4.460
Special Ed.	348	0.695	4.510
FRL	2620	0.788	4.466
Migrant	151	0.714	4.423

Table E.77. Coefficient Alpha and SEM by Subgroup in Language on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.872	5.059
Female	1842	0.854	4.999
Hispanic	3259	0.867	5.029
Asian	237	0.860	4.933
American Indian or Alaskan Native	193	0.864	5.250
Black or African American	314	0.862	4.996
Native Hawaiian or Other Pacific Islander	30	0.824	5.023
Multiple Indication	43	0.815	4.974
White	3392	0.867	5.030
Special Ed.	348	0.844	5.206
FRL	2620	0.869	5.077
Migrant	151	0.830	4.770

Table E.78. Coefficient Alpha and SEM by Subgroup in Oral on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.857	4.349
Female	1842	0.842	4.291
Hispanic	3259	0.852	4.328
Asian	237	0.844	4.150
American Indian or Alaskan Native	193	0.854	4.559
Black or African American	314	0.845	4.299
Native Hawaiian or Other Pacific Islander	30	0.790	4.192
Multiple Indication	43	0.793	4.197
White	3392	0.852	4.324
Special Ed.	348	0.844	4.518
FRL	2620	0.852	4.374
Migrant	151	0.788	4.154

Table E.79. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.860	5.778
Female	1842	0.849	5.729
Hispanic	3259	0.855	5.754
Asian	237	0.870	5.607
American Indian or Alaskan Native	193	0.834	5.742
Black or African American	314	0.855	5.809
Native Hawaiian or Other Pacific Islander	30	0.863	5.717
Multiple Indication	43	0.836	5.817
White	3392	0.855	5.760
Special Ed.	348	0.808	5.860
FRL	2620	0.854	5.775
Migrant	151	0.839	5.834

Table E.80. Coefficient Alpha and SEM by Subgroup in Literacy on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.884	6.515
Female	1842	0.874	6.448
Hispanic	3259	0.879	6.488
Asian	237	0.882	6.410
American Indian or Alaskan Native	193	0.872	6.477
Black or African American	314	0.885	6.474
Native Hawaiian or Other Pacific Islander	30	0.879	6.576
Multiple Indication	43	0.858	6.566
White	3392	0.880	6.492
Special Ed.	348	0.829	6.582
FRL	2620	0.880	6.507
Migrant	151	0.861	6.472

Table E.81. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage V Form 1

Group	N	Coefficient Alpha	SEM
Male	2390	0.923	7.911
Female	1842	0.915	7.811
Hispanic	3259	0.920	7.871
Asian	237	0.921	7.687
American Indian or Alaskan Native	193	0.907	8.071
Black or African American	314	0.922	7.837
Native Hawaiian or Other Pacific Islander	30	0.911	7.836
Multiple Indication	43	0.898	7.840
White	3392	0.920	7.871
Special Ed.	348	0.891	8.091
FRL	2620	0.920	7.919
Migrant	151	0.904	7.711

Table E.82. Coefficient Alpha and SEM by Subgroup in Listening on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.694	3.316
Female	946	0.694	3.338
Hispanic	1577	0.689	3.332
Asian	106	0.768	3.148
American Indian or Alaskan Native	104	0.636	3.330
Black or African American	199	0.665	3.363
Native Hawaiian or Other Pacific Islander	10	0.905	2.836
Multiple Indication	20	0.685	3.224
White	1647	0.688	3.333
Special Ed.	131	0.603	3.388
FRL	1323	0.704	3.322
Migrant	86	0.626	3.419

Table E.83. Coefficient Alpha and SEM by Subgroup in Speaking on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.899	2.198
Female	946	0.904	2.096
Hispanic	1577	0.905	2.159
Asian	106	0.844	2.165
American Indian or Alaskan Native	104	0.907	2.116
Black or African American	199	0.900	2.057
Native Hawaiian or Other Pacific Islander	10	0.684	2.540
Multiple Indication	20	0.827	2.640
White	1647	0.905	2.153
Special Ed.	131	0.903	2.187
FRL	1323	0.909	2.183
Migrant	86	0.841	1.939

Table E.84. Coefficient Alpha and SEM by Subgroup in Reading on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.801	4.694
Female	946	0.783	4.675
Hispanic	1577	0.791	4.672
Asian	106	0.810	4.550
American Indian or Alaskan Native	104	0.799	4.675
Black or African American	199	0.735	4.799
Native Hawaiian or Other Pacific Islander	10	0.838	4.437
Multiple Indication	20	0.853	4.568
White	1647	0.793	4.676
Special Ed.	131	0.751	4.728
FRL	1323	0.795	4.707
Migrant	86	0.734	4.673

Table E.85. Coefficient Alpha and SEM by Subgroup in Writing on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.789	4.360
Female	946	0.768	4.290
Hispanic	1577	0.773	4.344
Asian	106	0.772	4.196
American Indian or Alaskan Native	104	0.769	4.294
Black or African American	199	0.808	4.333
Native Hawaiian or Other Pacific Islander	10	0.734	4.411
Multiple Indication	20	0.832	4.158
White	1647	0.776	4.340
Special Ed.	131	0.724	4.399
FRL	1323	0.787	4.362
Migrant	86	0.634	4.309

Table E.86. Coefficient Alpha and SEM by Subgroup in Language on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.868	4.891
Female	946	0.845	4.846
Hispanic	1577	0.860	4.882
Asian	106	0.852	4.630
American Indian or Alaskan Native	104	0.825	4.917
Black or African American	199	0.867	4.858
Native Hawaiian or Other Pacific Islander	10	0.794	4.874
Multiple Indication	20	0.869	4.876
White	1647	0.860	4.880
Special Ed.	131	0.833	4.959
FRL	1323	0.868	4.944
Migrant	86	0.788	4.540

Table E.87. Coefficient Alpha and SEM by Subgroup in Oral on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.847	4.284
Female	946	0.838	4.269
Hispanic	1577	0.844	4.304
Asian	106	0.865	3.946
American Indian or Alaskan Native	104	0.809	4.338
Black or African American	199	0.842	4.200
Native Hawaiian or Other Pacific Islander	10	0.909	3.864
Multiple Indication	20	0.837	4.333
White	1647	0.843	4.301
Special Ed.	131	0.824	4.362
FRL	1323	0.854	4.321
Migrant	86	0.780	4.080

Table E.88. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.858	5.763
Female	946	0.848	5.761
Hispanic	1577	0.852	5.754
Asian	106	0.871	5.577
American Indian or Alaskan Native	104	0.834	5.781
Black or African American	199	0.822	5.868
Native Hawaiian or Other Pacific Islander	10	0.914	5.424
Multiple Indication	20	0.886	5.600
White	1647	0.853	5.758
Special Ed.	131	0.797	5.856
FRL	1323	0.856	5.780
Migrant	86	0.819	5.786

Table E.89. Coefficient Alpha and SEM by Subgroup in Literacy on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.882	6.428
Female	946	0.868	6.370
Hispanic	1577	0.874	6.400
Asian	106	0.886	6.184
American Indian or Alaskan Native	104	0.872	6.379
Black or African American	199	0.864	6.514
Native Hawaiian or Other Pacific Islander	10	0.882	6.273
Multiple Indication	20	0.915	6.180
White	1647	0.875	6.401
Special Ed.	131	0.843	6.478
FRL	1323	0.879	6.442
Migrant	86	0.808	6.372

Table E.90. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage V Form 2

Group	N	Coefficient Alpha	SEM
Male	1151	0.920	7.791
Female	946	0.911	7.737
Hispanic	1577	0.916	7.781
Asian	106	0.925	7.410
American Indian or Alaskan Native	104	0.894	7.844
Black or African American	199	0.912	7.805
Native Hawaiian or Other Pacific Islander	10	0.938	7.428
Multiple Indication	20	0.936	7.608
White	1647	0.916	7.778
Special Ed.	131	0.882	7.938
FRL	1323	0.919	7.836
Migrant	86	0.876	7.596

Table E.91. Coefficient Alpha and SEM by Subgroup in Listening on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.761	3.231
Female	1879	0.754	3.261
Hispanic	3275	0.765	3.241
Asian	220	0.667	3.266
American Indian or Alaskan Native	194	0.668	3.195
Black or African American	352	0.718	3.328
Native Hawaiian or Other Pacific Islander	26	0.583	3.239
Multiple Indication	37	0.740	3.315
White	3412	0.768	3.233
Special Ed.	333	0.688	3.314
FRL	2695	0.761	3.246
Migrant	138	0.724	3.346

Table E.92. Coefficient Alpha and SEM by Subgroup in Speaking on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.905	2.252
Female	1879	0.903	2.230
Hispanic	3275	0.903	2.260
Asian	220	0.892	2.069
American Indian or Alaskan Native	194	0.937	2.192
Black or African American	352	0.912	2.086
Native Hawaiian or Other Pacific Islander	26	0.687	2.756
Multiple Indication	37	0.860	2.516
White	3412	0.901	2.262
Special Ed.	333	0.910	2.369
FRL	2695	0.908	2.280
Migrant	138	0.849	2.225

Table E.93. Coefficient Alpha and SEM by Subgroup in Reading on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.799	4.643
Female	1879	0.795	4.597
Hispanic	3275	0.795	4.613
Asian	220	0.820	4.550
American Indian or Alaskan Native	194	0.729	4.634
Black or African American	352	0.798	4.670
Native Hawaiian or Other Pacific Islander	26	0.752	4.658
Multiple Indication	37	0.639	4.827
White	3412	0.798	4.613
Special Ed.	333	0.767	4.666
FRL	2695	0.795	4.639
Migrant	138	0.769	4.597

Table E.94. Coefficient Alpha and SEM by Subgroup in Writing on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.783	4.376
Female	1879	0.786	4.369
Hispanic	3275	0.781	4.380
Asian	220	0.792	4.294
American Indian or Alaskan Native	194	0.669	4.297
Black or African American	352	0.801	4.398
Native Hawaiian or Other Pacific Islander	26	0.741	4.176
Multiple Indication	37	0.790	4.376
White	3412	0.785	4.384
Special Ed.	333	0.697	4.435
FRL	2695	0.783	4.397
Migrant	138	0.732	4.155

Table E.95. Coefficient Alpha and SEM by Subgroup in Language on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.879	4.882
Female	1879	0.878	4.860
Hispanic	3275	0.879	4.883
Asian	220	0.858	4.723
American Indian or Alaskan Native	194	0.827	5.091
Black or African American	352	0.891	4.790
Native Hawaiian or Other Pacific Islander	26	0.817	4.741
Multiple Indication	37	0.885	4.873
White	3412	0.880	4.876
Special Ed.	333	0.845	5.116
FRL	2695	0.881	4.935
Migrant	138	0.843	4.608

Table E.96. Coefficient Alpha and SEM by Subgroup in Oral on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.863	4.309
Female	1879	0.865	4.285
Hispanic	3275	0.867	4.301
Asian	220	0.812	4.181
American Indian or Alaskan Native	194	0.836	4.538
Black or African American	352	0.859	4.252
Native Hawaiian or Other Pacific Islander	26	0.749	4.322
Multiple Indication	37	0.854	4.391
White	3412	0.868	4.287
Special Ed.	333	0.841	4.525
FRL	2695	0.869	4.346
Migrant	138	0.804	4.280

Table E.97. Coefficient Alpha and SEM by Subgroup in Comprehension on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.866	5.695
Female	1879	0.864	5.672
Hispanic	3275	0.864	5.683
Asian	220	0.867	5.605
American Indian or Alaskan Native	194	0.806	5.661
Black or African American	352	0.863	5.747
Native Hawaiian or Other Pacific Islander	26	0.820	5.666
Multiple Indication	37	0.793	5.902
White	3412	0.867	5.677
Special Ed.	333	0.830	5.762
FRL	2695	0.864	5.702
Migrant	138	0.833	5.746

Table E.98. Coefficient Alpha and SEM by Subgroup in Literacy on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.878	6.408
Female	1879	0.879	6.366
Hispanic	3275	0.876	6.388
Asian	220	0.889	6.278
American Indian or Alaskan Native	194	0.811	6.345
Black or African American	352	0.885	6.438
Native Hawaiian or Other Pacific Islander	26	0.850	6.272
Multiple Indication	37	0.839	6.548
White	3412	0.879	6.390
Special Ed.	333	0.840	6.458
FRL	2695	0.878	6.418
Migrant	138	0.851	6.217

Table E.99. Coefficient Alpha and SEM by Subgroup in Total Combined on Stage V Form 3

Group	N	Coefficient Alpha	SEM
Male	2380	0.921	7.805
Female	1879	0.923	7.753
Hispanic	3275	0.922	7.789
Asian	220	0.919	7.592
American Indian or Alaskan Native	194	0.872	7.944
Black or African American	352	0.925	7.780
Native Hawaiian or Other Pacific Islander	26	0.894	7.629
Multiple Indication	37	0.909	7.937
White	3412	0.923	7.779
Special Ed.	333	0.896	7.989
FRL	2695	0.922	7.844
Migrant	138	0.897	7.605

Table E.100 through Table E.112 present interrater reliability statistics for Spring 2018 AZELLA Reassessment. The Kappa coefficient and intraclass correlation are shown by stage and domain in tables below.

Table E.100. Interrater Reliability Statistics for Items in Writing on Stage I

Item	Item Type	Max	Kappa	Intraclass Correlation
33	SA2	2	0.87	0.97
34	SA2	2	0.58	0.75
35	SA2	2	0.83	0.95
36	SA2	2	0.83	0.95
37	SA1	1	0.93	0.96
38	SA1	1	0.95	0.98
39	SA1	1	0.96	0.98
40	SA2	2	0.79	0.89
41	SA2	2	0.74	0.90
42	SA3	3	0.87	0.97

NOTE: SA1=1 Point Short Answer Item, SA2=2 Point Short Answer Item, SA3=3 Point Short Answer Item; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table E.101. Interrater Reliability Statistics for Items in Speaking on Stage I

Item	Item Type	Max	Kappa	Intraclass Correlation
43	SA1	1	0.67	0.92
44	SA1	1	0.37	0.53
45	SA2	2	0.79	0.89
46	SA4	4	0.45	0.77
47	SA2	2	0.33	0.75

NOTE: SA1=1 Point Short Answer Item, SA2=2 Point Short Answer Item; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table E.102. Interrater Reliability Statistics for Items in Reading on Stage II

Item	Item Type	Max	Kappa	Intraclass Correlation
50	SA1	1	0.37	0.53
51	SA1	1	0.38	0.54
56	SA3	3	0.43	0.86

NOTE: SA1=1 Point Short Answer Item, SA3=3 Point Short Answer Item; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table E.103. Interrater Reliability Statistics for Items in Writing on Stage II

Item	Item Type	Max	Kappa	Intraclass Correlation
48	ER	3	0.51	0.87
49	ER	3	0.49	0.88

NOTE: ER=Extended Response Item; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table E.104. Interrater Reliability Statistics for Items in Speaking on Stage II

Item	Item Type	Max	Kappa	Intraclass Correlation
52	SA4	4	0.24	0.79
53	SA4	4	0.38	0.82
54	SA4	4	0.34	0.83
55	SA4	4	0.26	0.77
57	SA4	4	0.35	0.80
58	SA4	4	0.11	0.56
59	SA4	4	0.23	0.77

NOTE: SA4=4 Point Short Answer Item; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table E.105. Interrater Reliability Statistics for Items in Reading on Stage III

Item	Item Type	Max	Kappa	Intraclass Correlation
61	SA3	3	0.41	0.85
98	SA3	3	0.46	0.85

NOTE: SA1=1 Point Short Answer Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Table E.106. Interrater Reliability Statistics for Items in Writing on Stage III

Item	Item Type	Max	Kappa	Intraclass Correlation
54	ER	5	0.45	0.78
55	ER	5	0.48	0.84
65	ER	5	0.47	0.80
66	ER	5	0.53	0.79
92	ER	5	0.50	0.83
93	ER	5	0.48	0.82

NOTE: ER=Extended Response Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Table E.107. Interrater Reliability Statistics for Items in Speaking on Stage III

Item	Item Type	Max	Kappa	Intraclass Correlation
56	SA4	4	0.21	0.79
57	SA4	4	0.28	0.85
58	SA4	4	0.19	0.69
59	SA4	4	0.33	0.87
60	SA4	4	0.32	0.86
62	SA4	4	0.30	0.84
63	SA4	4	0.28	0.81
94	SA4	4	0.28	0.79
95	SA4	4	0.17	0.81
96	SA4	4	0.31	0.87
97	SA4	4	0.35	0.82
99	SA4	4	0.29	0.88

NOTE: SA4=4 Point Short Answer Item; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table E.108. Interrater Reliability Statistics for Items in Reading on Stage IV

Item	Item Type	Max	Kappa	Intraclass Correlation
67	SA1	1	0.44	0.61
68	SA1	1	0.37	0.53
111	SA1	1	0.48	0.65
112	SA1	1	0.29	0.45

NOTE: SA1=1 Point Short Answer Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Table E.109. Interrater Reliability Statistics for Items in Writing on Stage IV

Item	Item Type	Max	Kappa	Intraclass Correlation
59	ER	5	0.59	0.87
60	ER	5	0.46	0.81
71	ER	5	0.50	0.83
72	ER	5	0.46	0.81
106	ER	5	0.41	0.75
107	ER	5	0.42	0.80

NOTE: ER=Extended Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Table E.110. Interrater Reliability Statistics for Items in Speaking on Stage IV

Item	Item Type	Max	Kappa	Intraclass Correlation
61	SA4	4	0.34	0.87
62	SA4	4	0.31	0.86
63	SA4	4	0.40	0.86
64	SA4	4	0.34	0.86
65	SA4	4	0.44	0.90
66	SA4	4	0.33	0.85
69	SA4	4	0.34	0.89
108	SA4	4	0.44	0.86
109	SA4	4	0.40	0.88
110	SA4	4	0.40	0.90
113	SA4	4	0.38	0.87

NOTE: SA4=4 Point Short Answer Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Table E.111. Interrater Reliability Statistics for Items in Writing on Stage V

Item	Item Type	Max	Kappa	Intraclass Correlation
61	ER	5	0.53	0.87
62	ER	5	0.47	0.80
71	ER	5	0.46	0.83
72	ER	5	0.44	0.80
111	ER	5	0.48	0.82
112	ER	5	0.49	0.83

NOTE: ER=Extended Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Table E.112. Interrater Reliability Statistics for Items in Speaking on Stage V

Item	Item Type	Max	Kappa	Intraclass Correlation
63	SA4	4	0.37	0.85
64	SA4	4	0.35	0.87
65	SA4	4	0.32	0.85
66	SA4	4	0.32	0.84
67	SA4	4	0.36	0.85
68	SA4	4	0.34	0.86
69	SA4	4	0.30	0.85
113	SA4	4	0.32	0.87
114	SA4	4	0.27	0.84
115	SA4	4	0.39	0.87
116	SA4	4	0.38	0.88
117	SA4	4	0.31	0.88

NOTE: SA4=4 Point Short Answer Item; item number does not indicate item location on an operational test form as all items on three operational forms were concurrently analyzed and field test items were embedded on the form but were not included in the analysis.

Appendix F. AZELLA REASSESSMENT RESULTS IN RELATION TO AZMERIT RESULTS

Figure F.1. Box plots of AzMERIT ELA Scale Score by Group for Grade 3

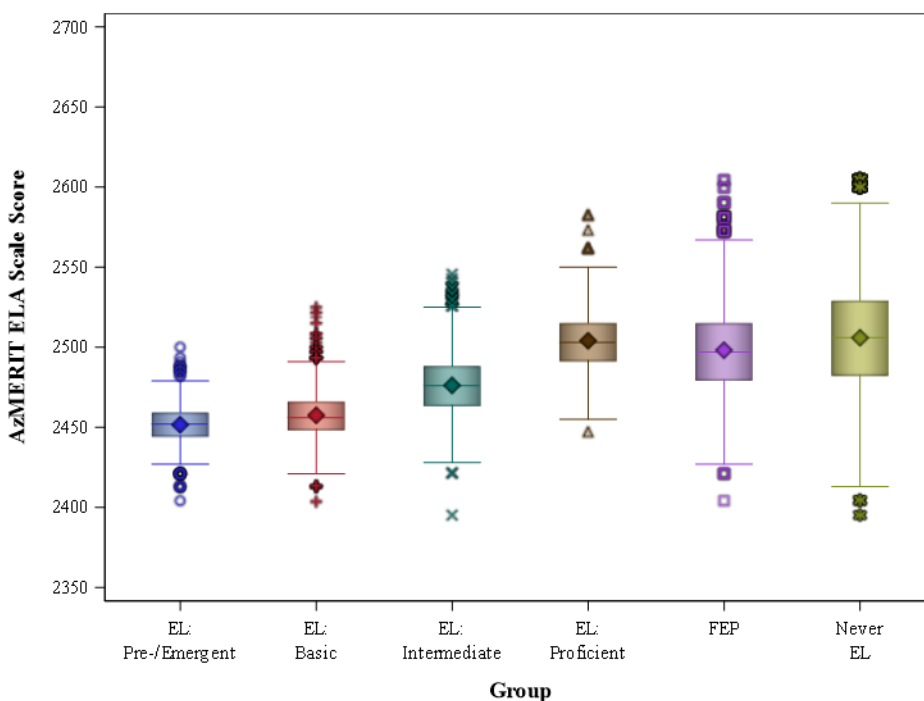


Figure F.2. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 3

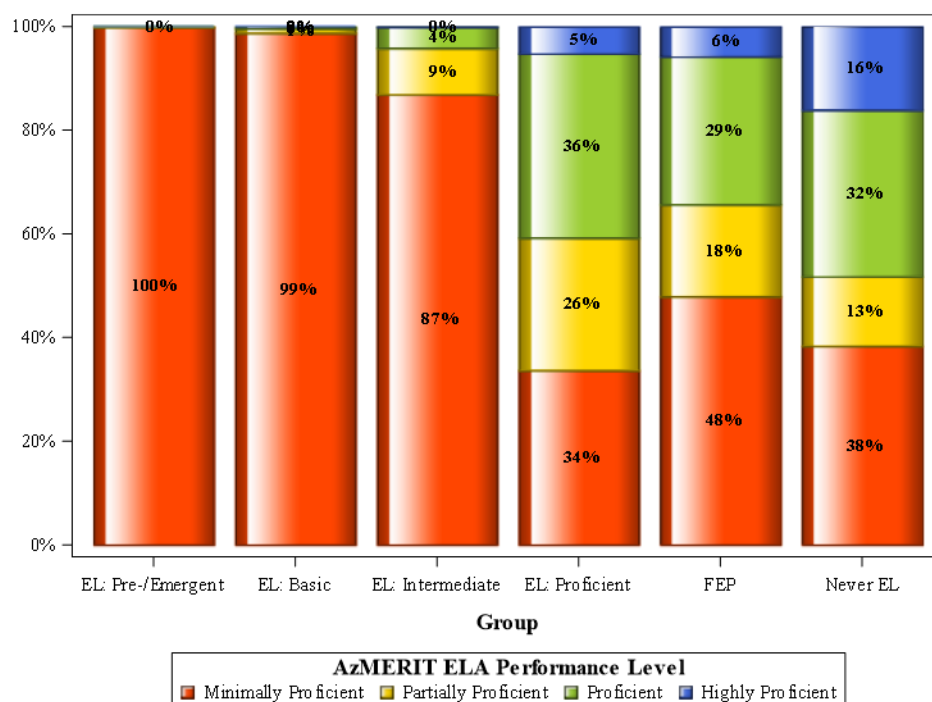


Figure F.3. Box plots of AzMERIT ELA Scale Score by Group for Grade 4

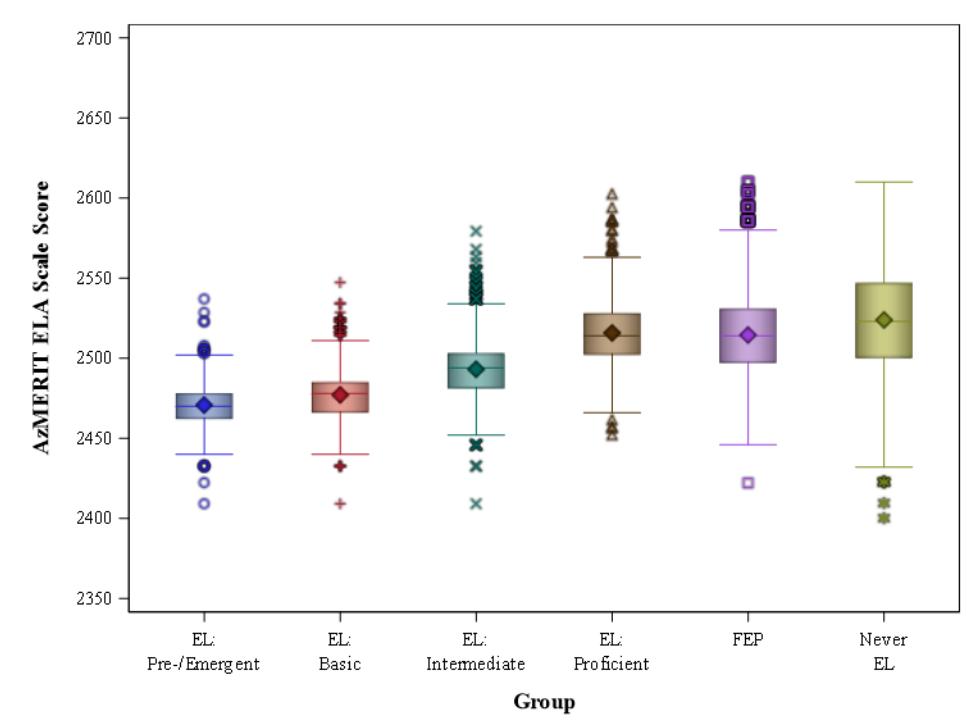


Figure F.4. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 4

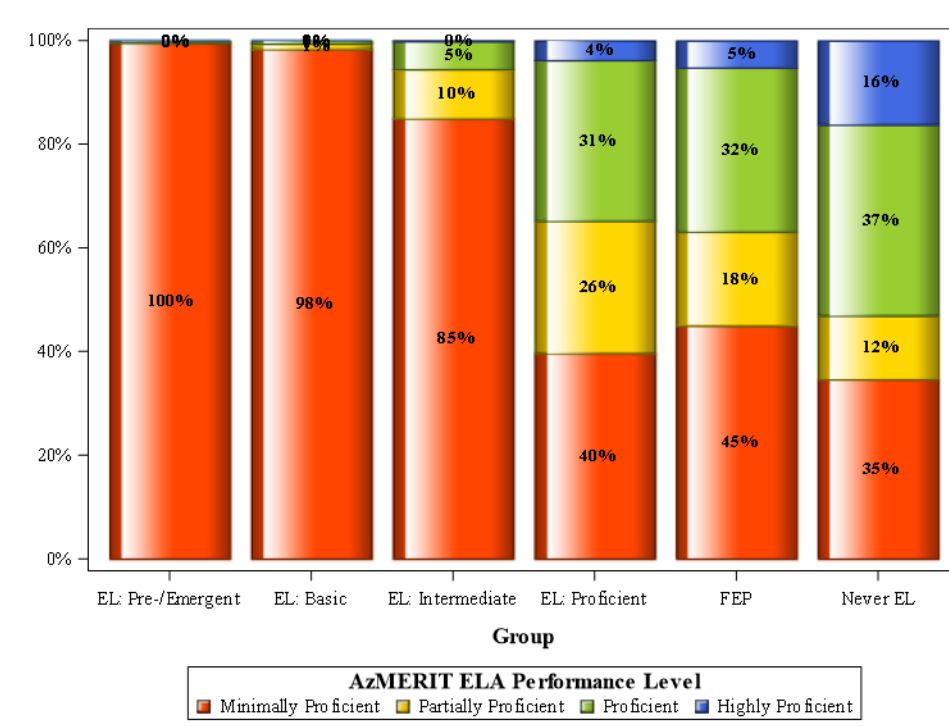


Figure F.5. Box plots of AzMERIT ELA Scale Score by Group for Grade 5

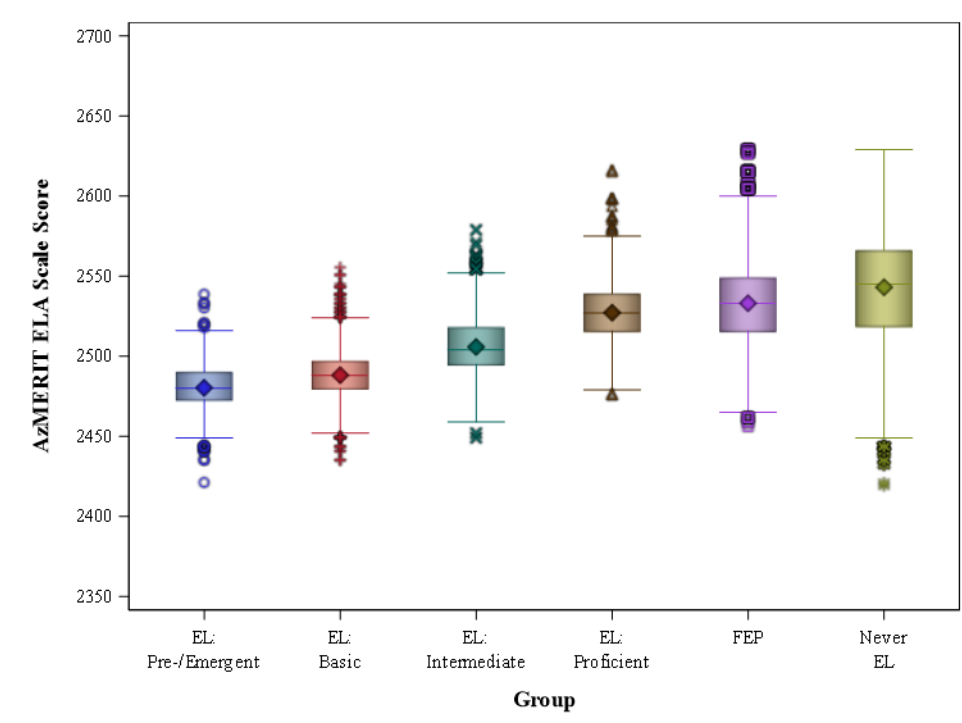


Figure F.6. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 5

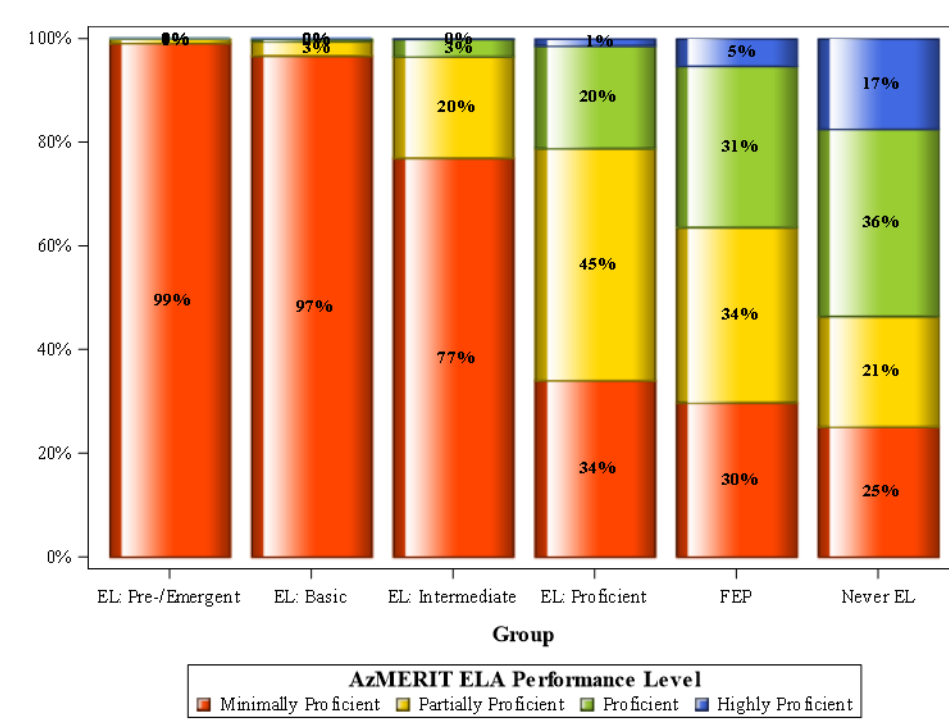


Figure F.7. Box plots of AzMERIT ELA Scale Score by Group for Grade 6

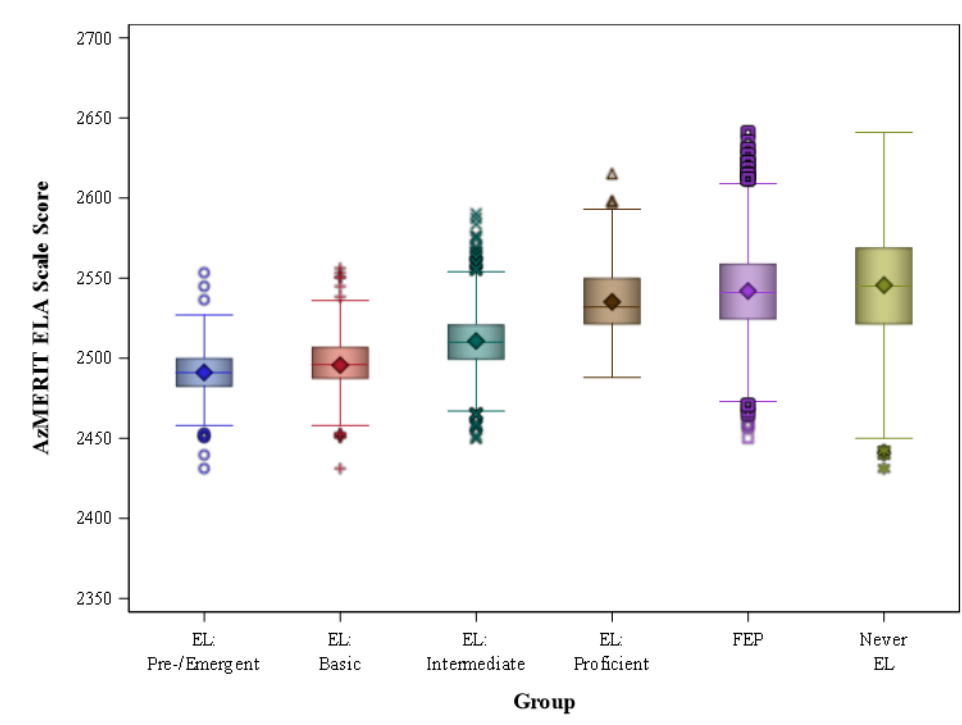


Figure F.8. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 6

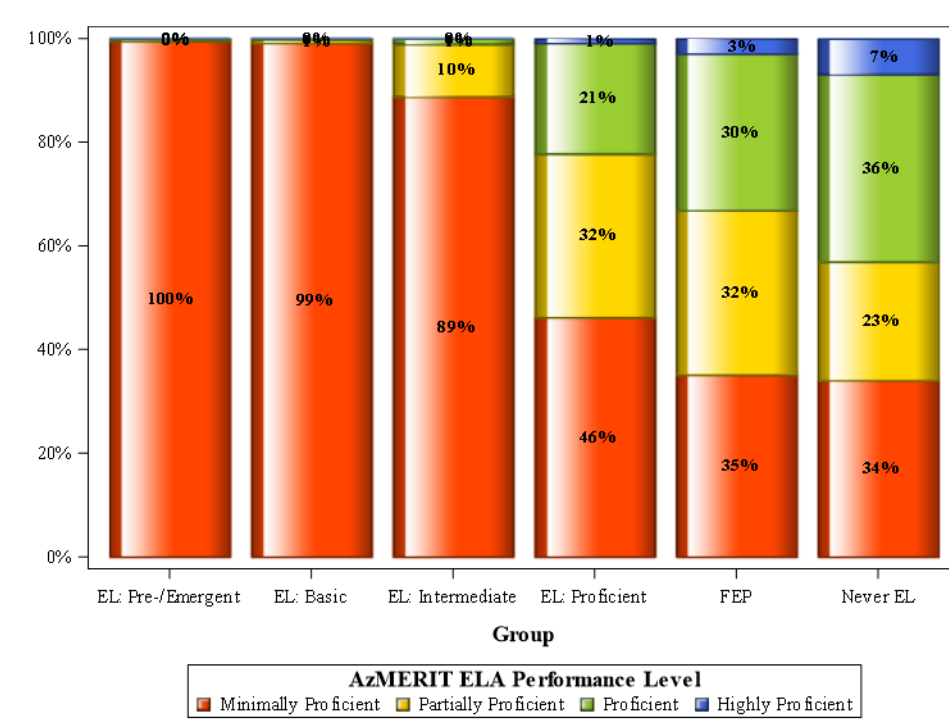


Figure F.9. Box plots of AzMERIT ELA Scale Score by Group for Grade 7

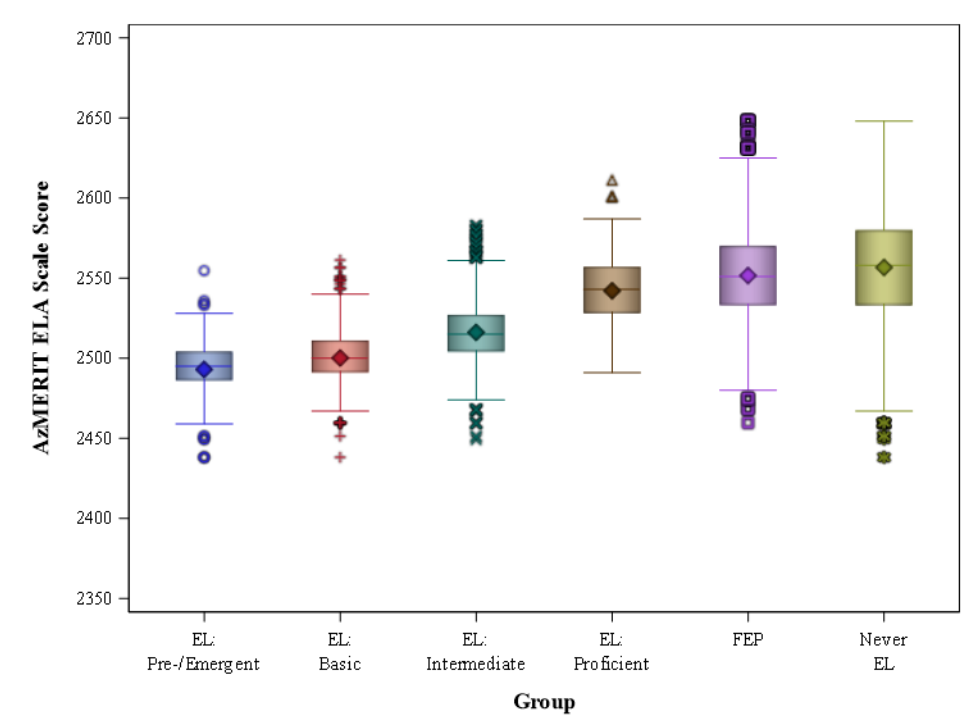


Figure F.10. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 7

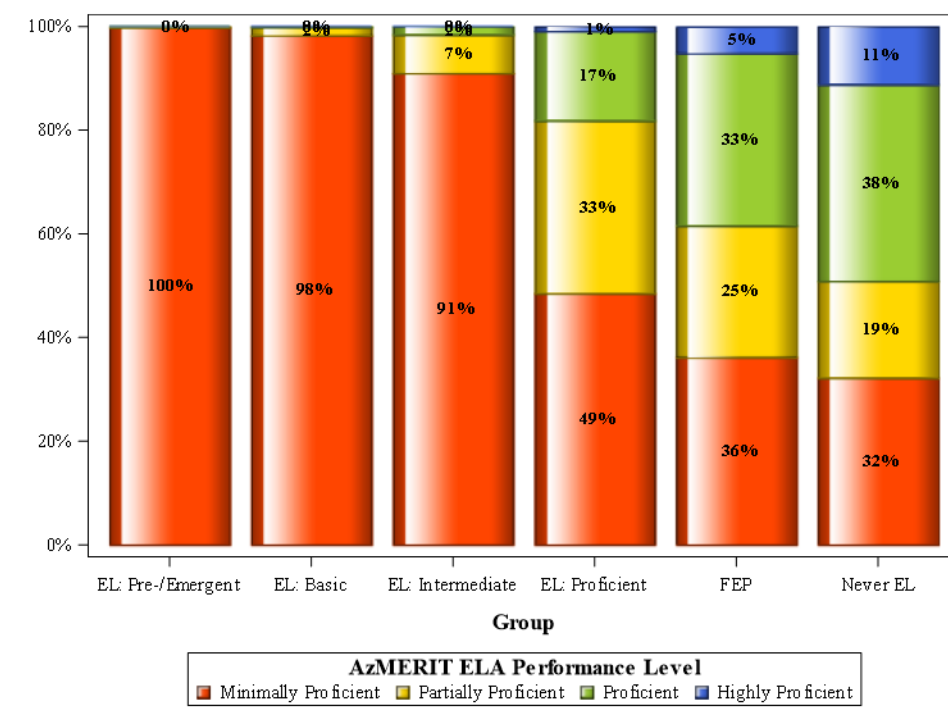


Figure F.11. Box plots of AzMERIT ELA Scale Score by Group for Grade 8

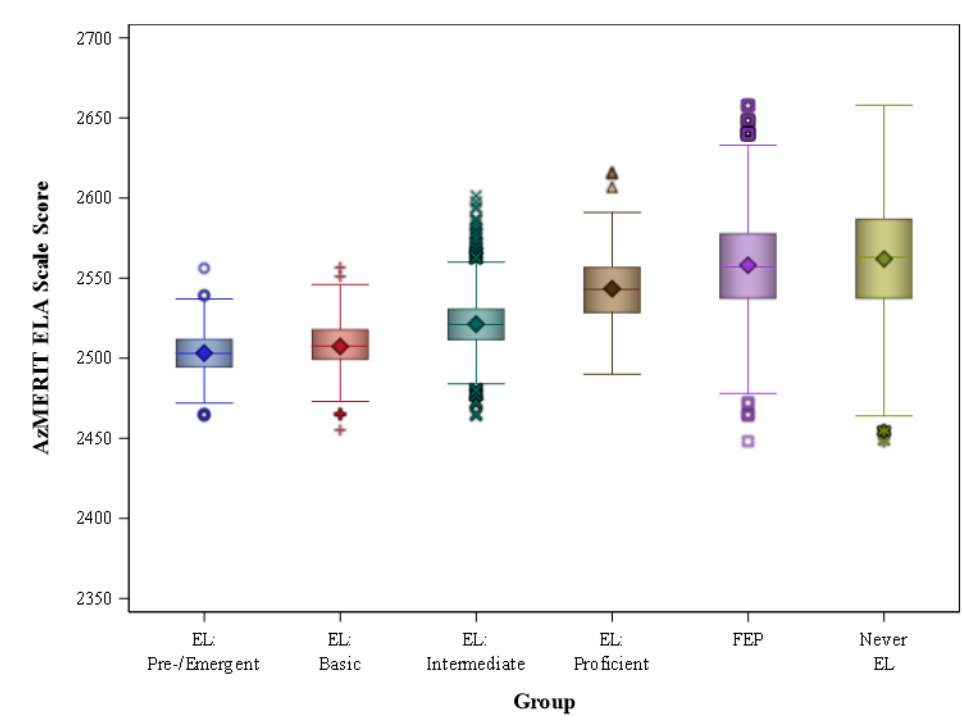


Figure F.12. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 8

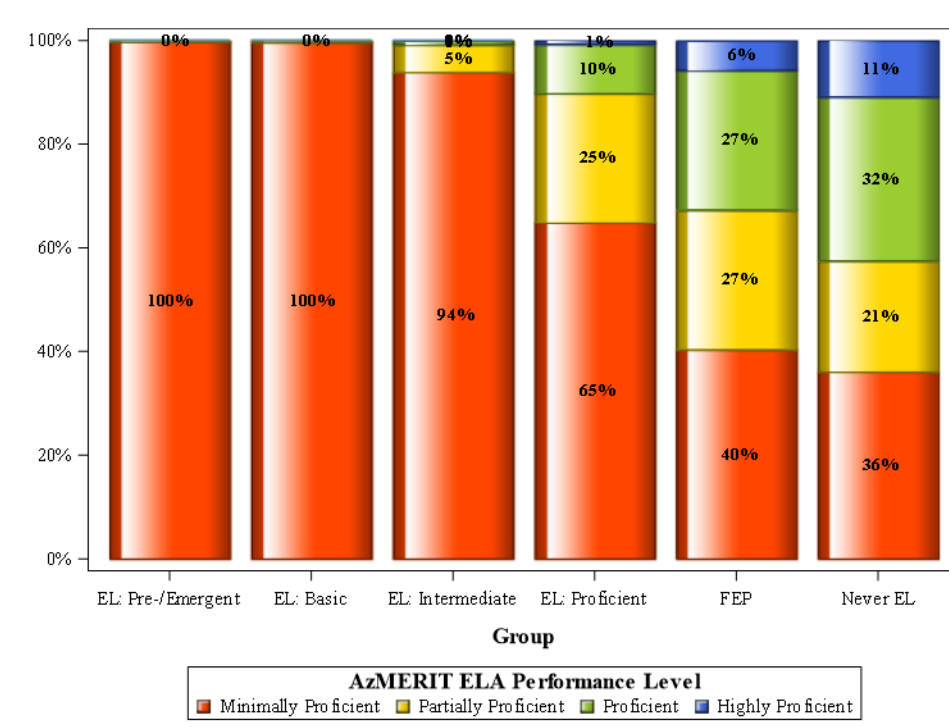


Figure F.13. Box plots of AzMERIT ELA Scale Score by Group for Grade 9

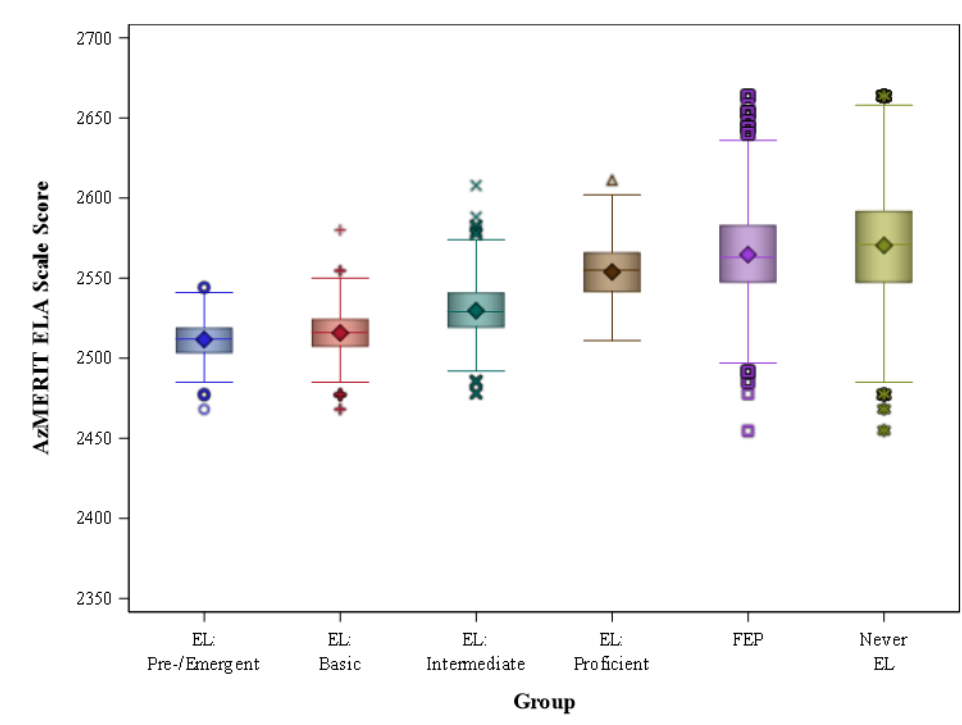


Figure F.14. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 9

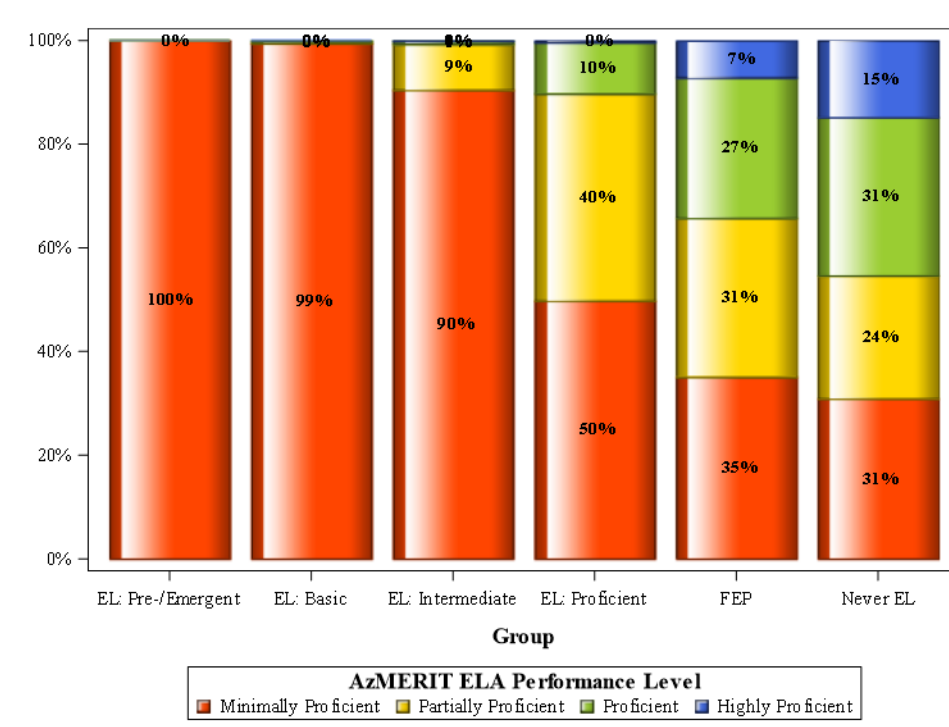


Figure F.15. Box plots of AzMERIT ELA Scale Score by Group for Grade 10

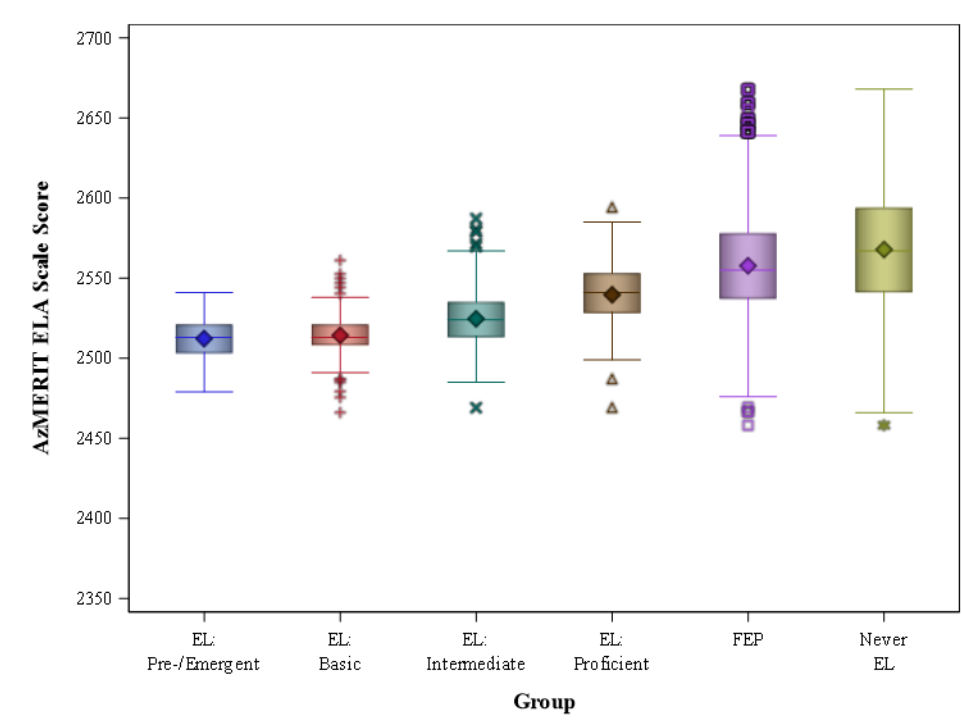


Figure F.16. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 10

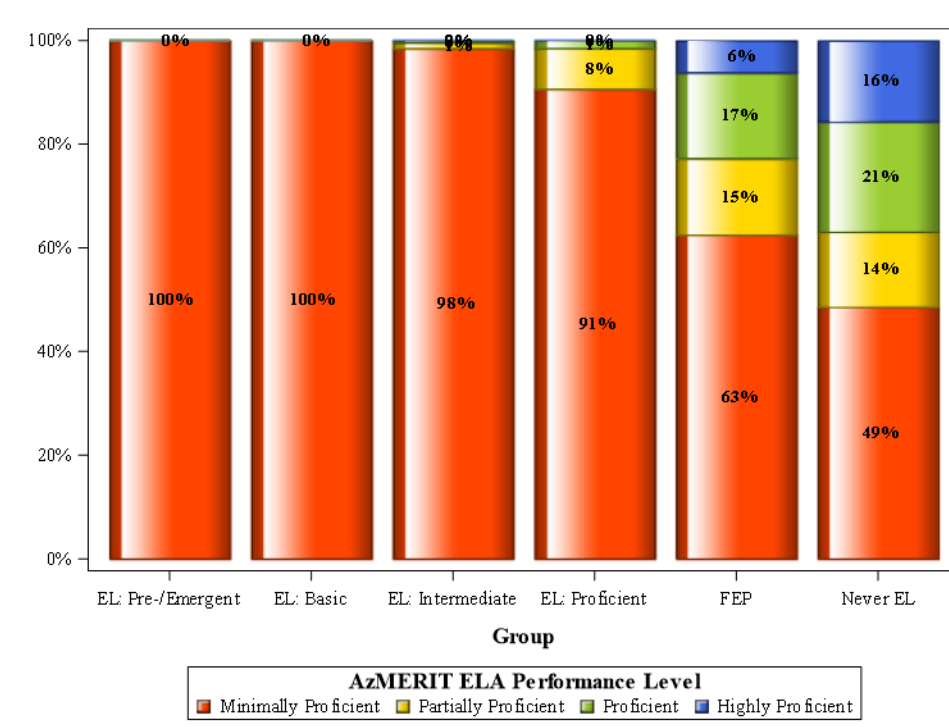


Figure F.17. Box plots of AzMERIT ELA Scale Score by Group for Grade 11

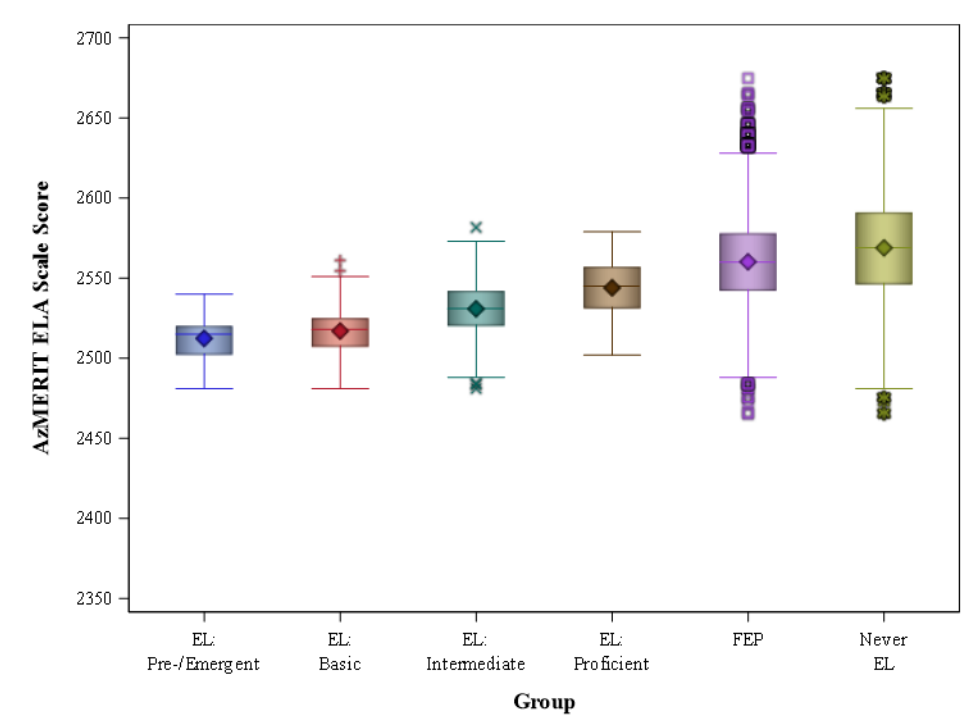


Figure F.18. Stacked Bars of AzMERIT ELA Performance Levels by Group for Grade 11

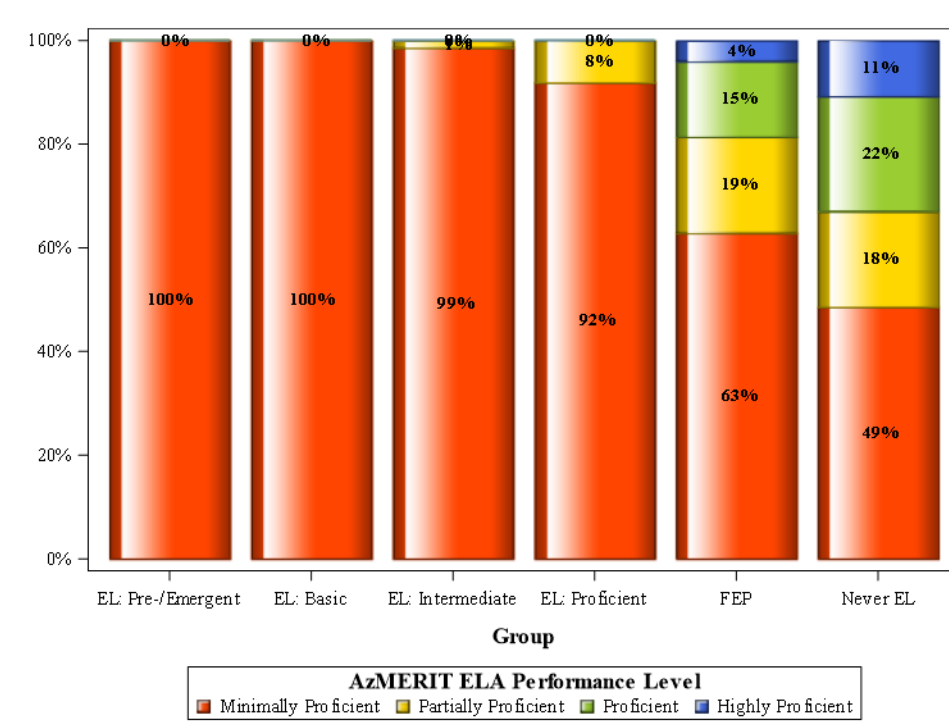


Figure F.19. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 3

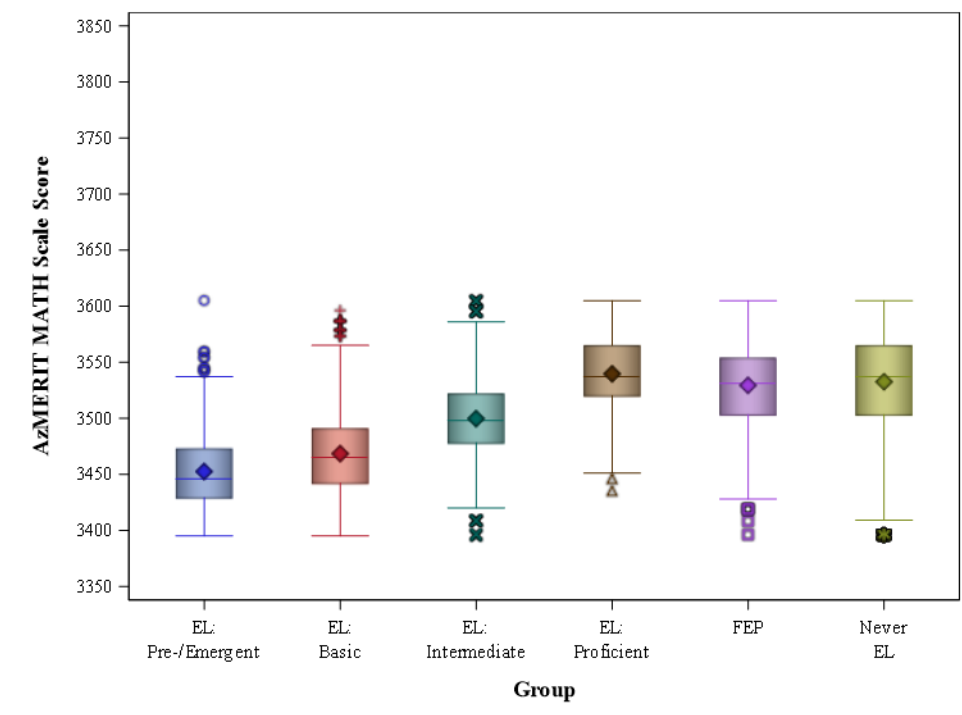


Figure F.20. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 3

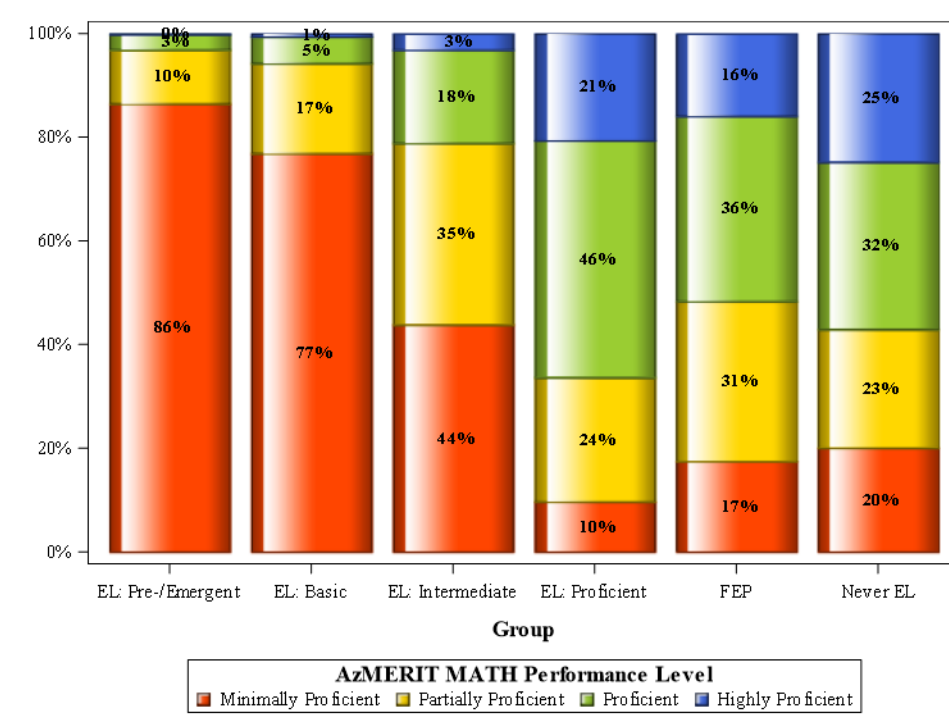


Figure F.21. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 4

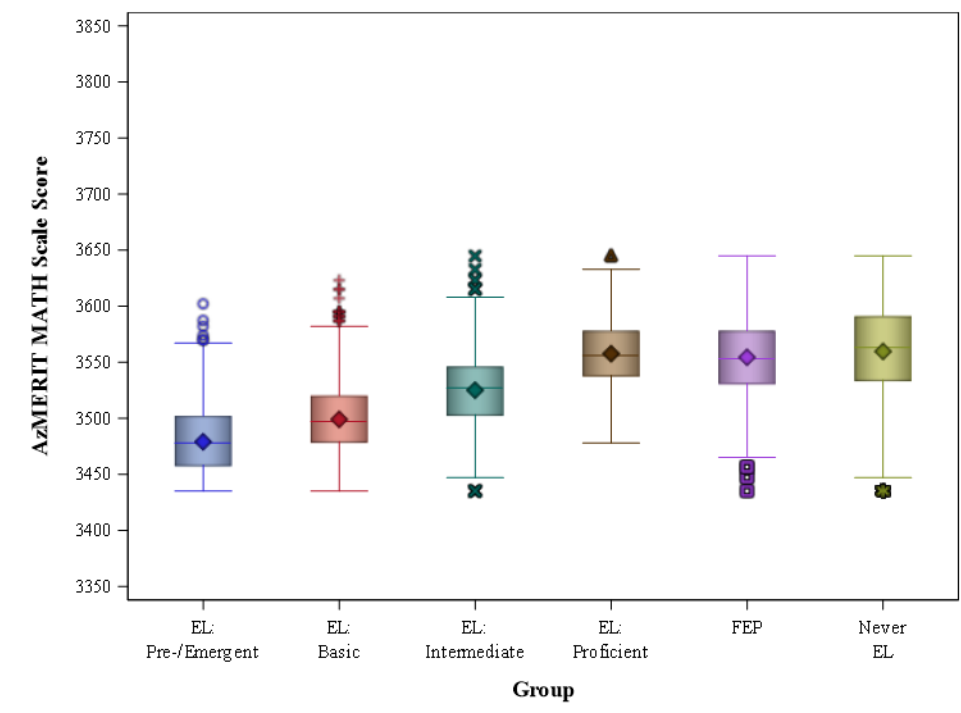


Figure F.22. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 4

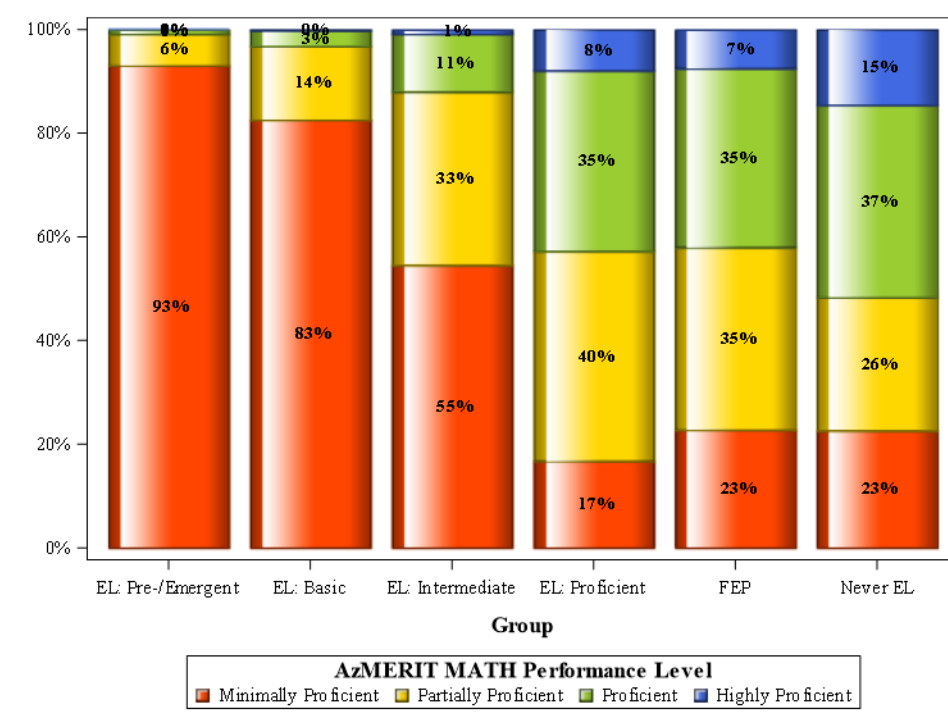


Figure F.23. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 5

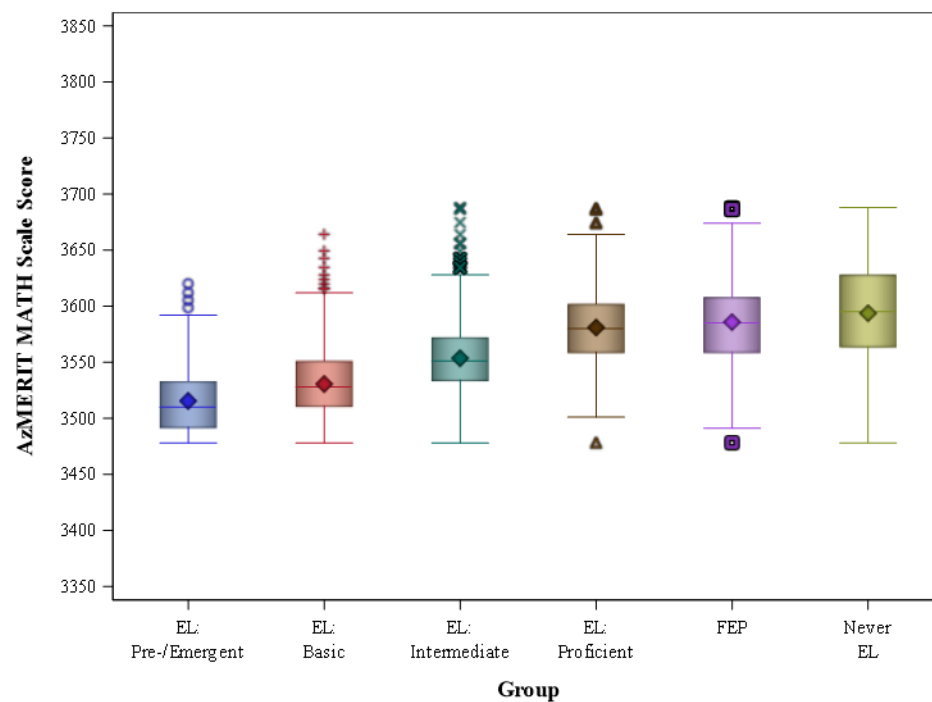


Figure F.24. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 5

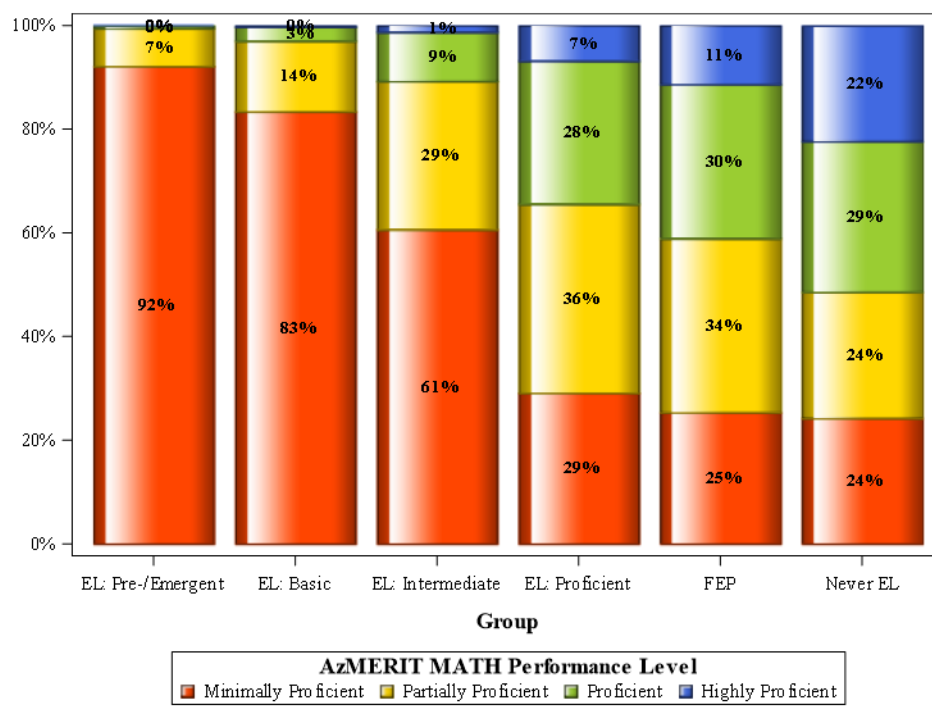


Figure F.25. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 6

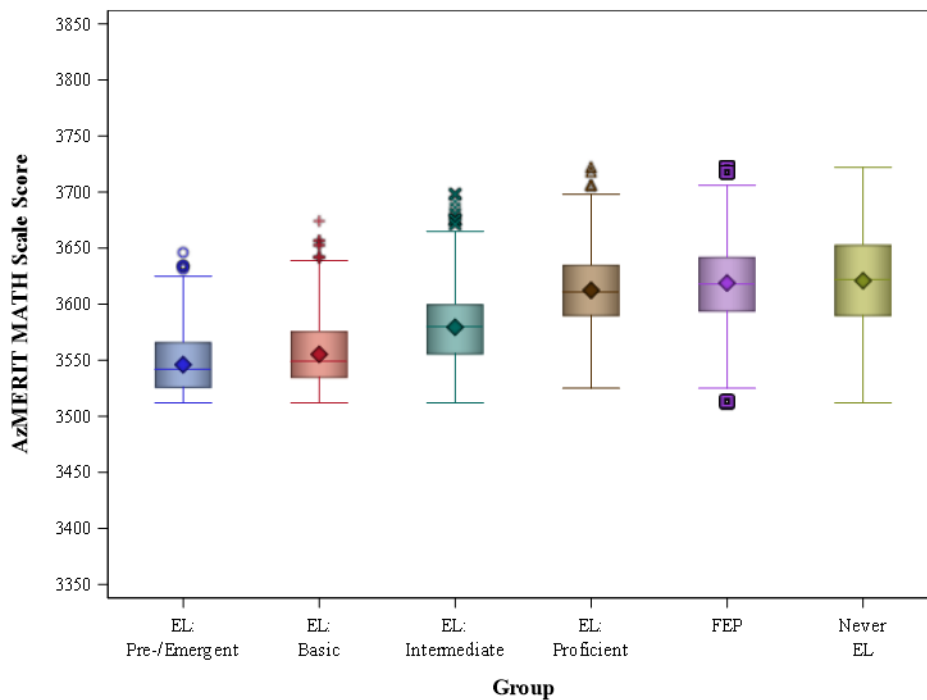


Figure F.26. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 6

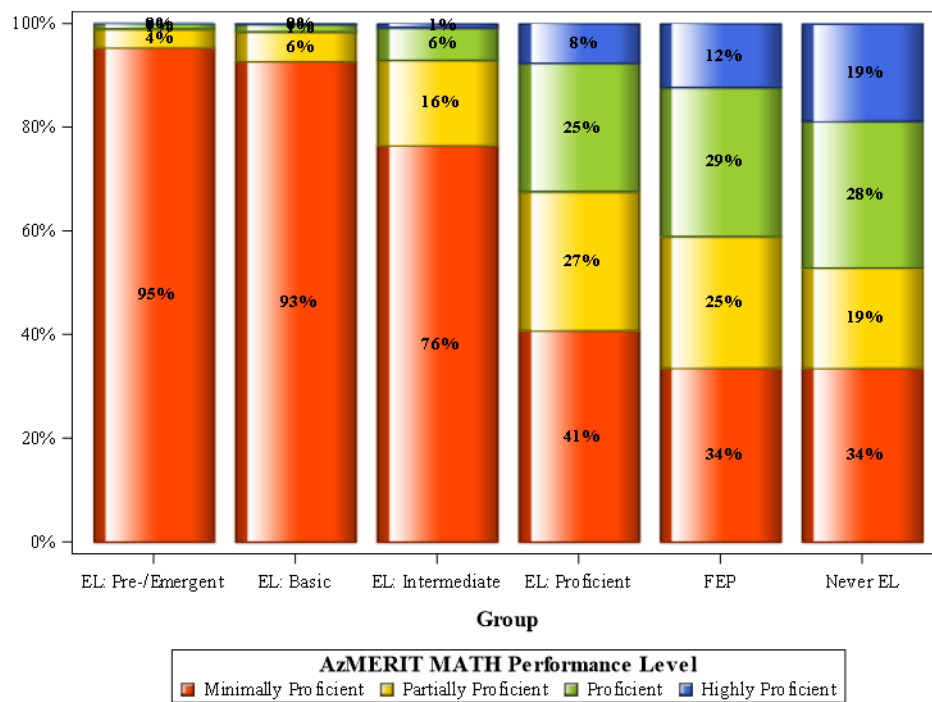


Figure F.27. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 7

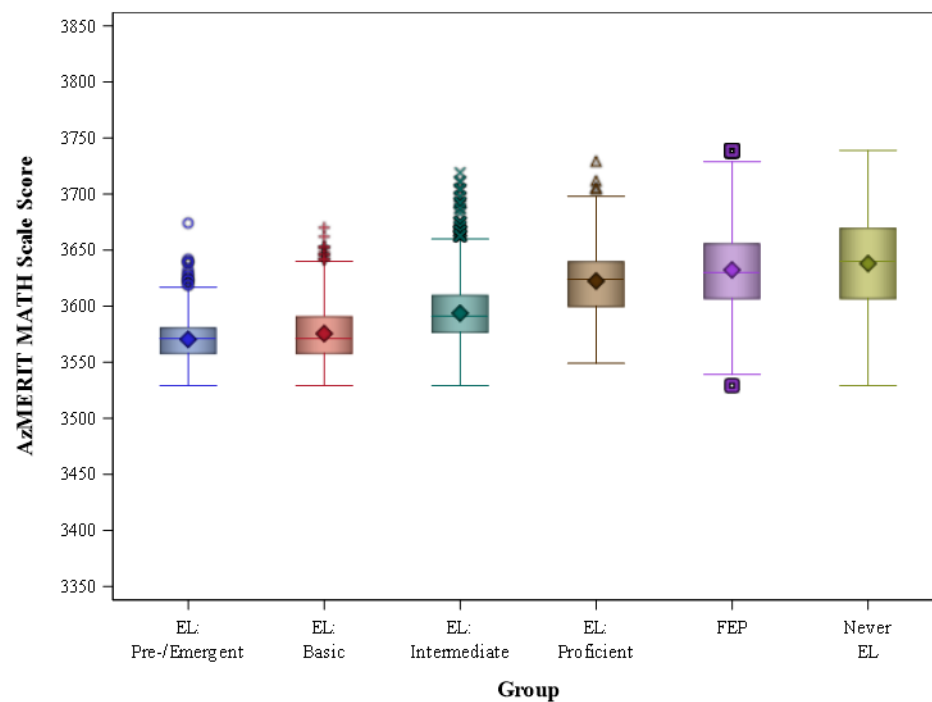


Figure F.28. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 7

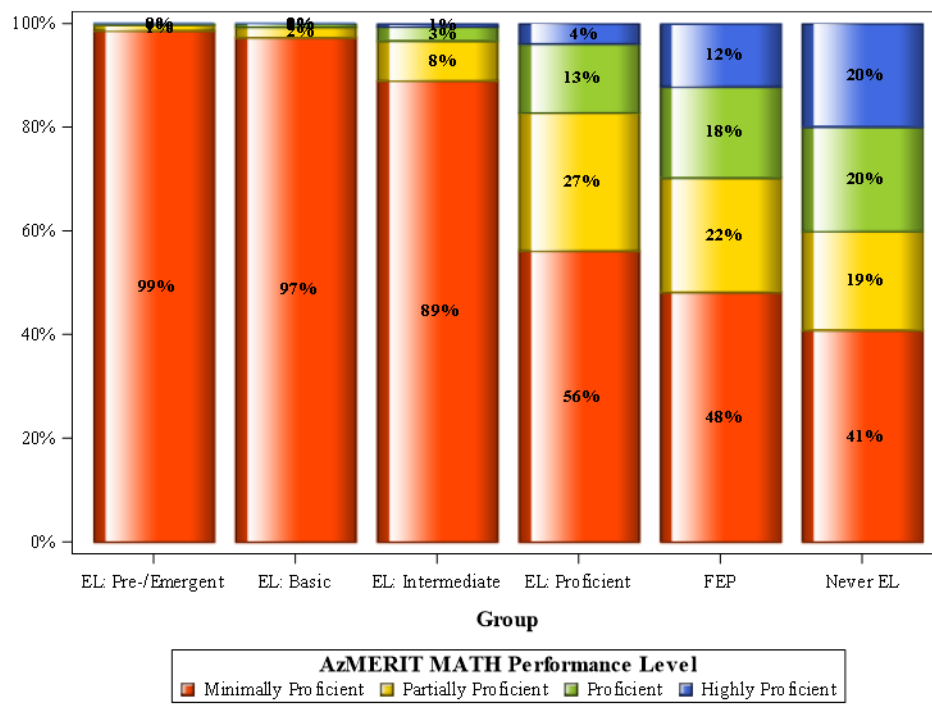


Figure F.29. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 8

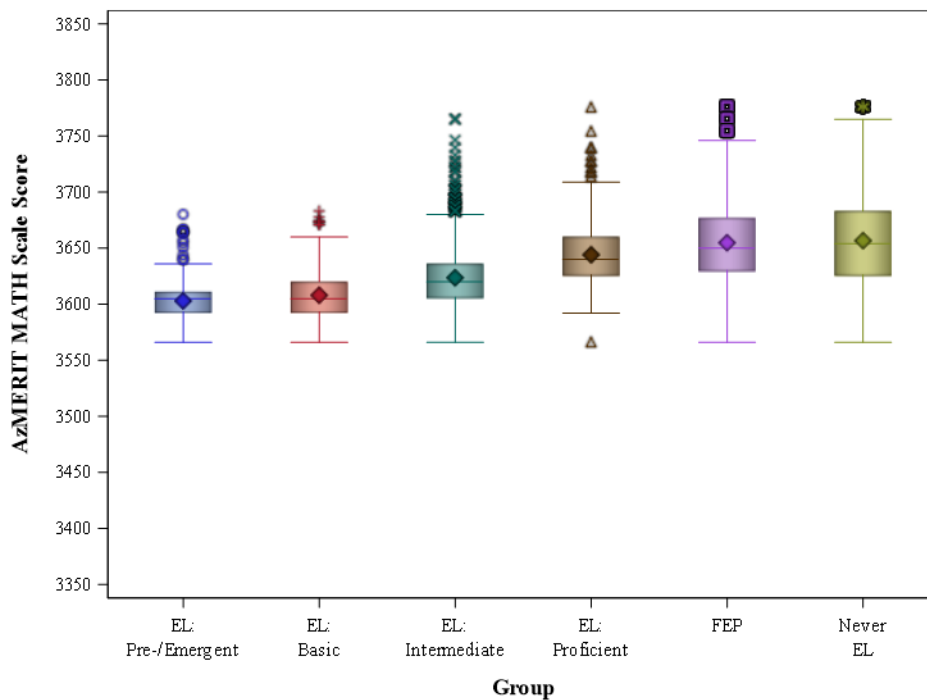


Figure F.30. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 8

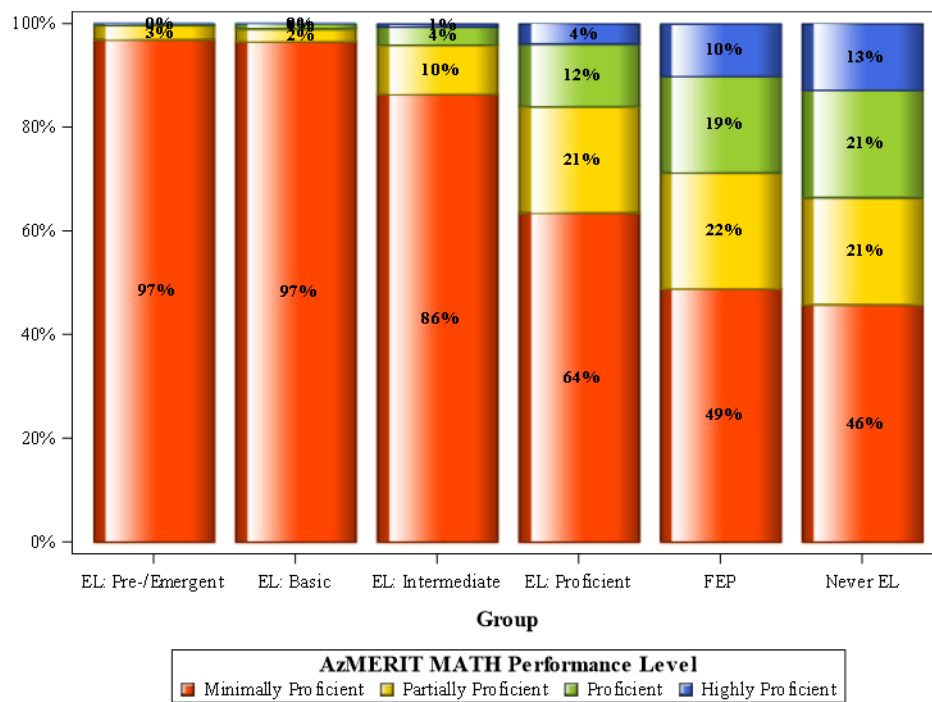


Figure F.31. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 9

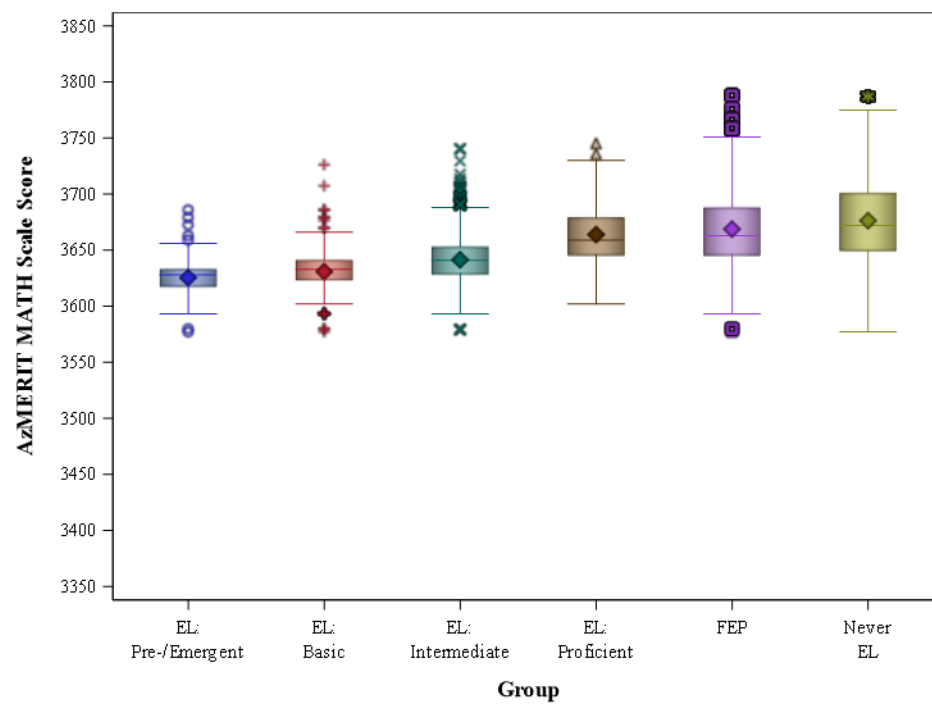


Figure F.32. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 9

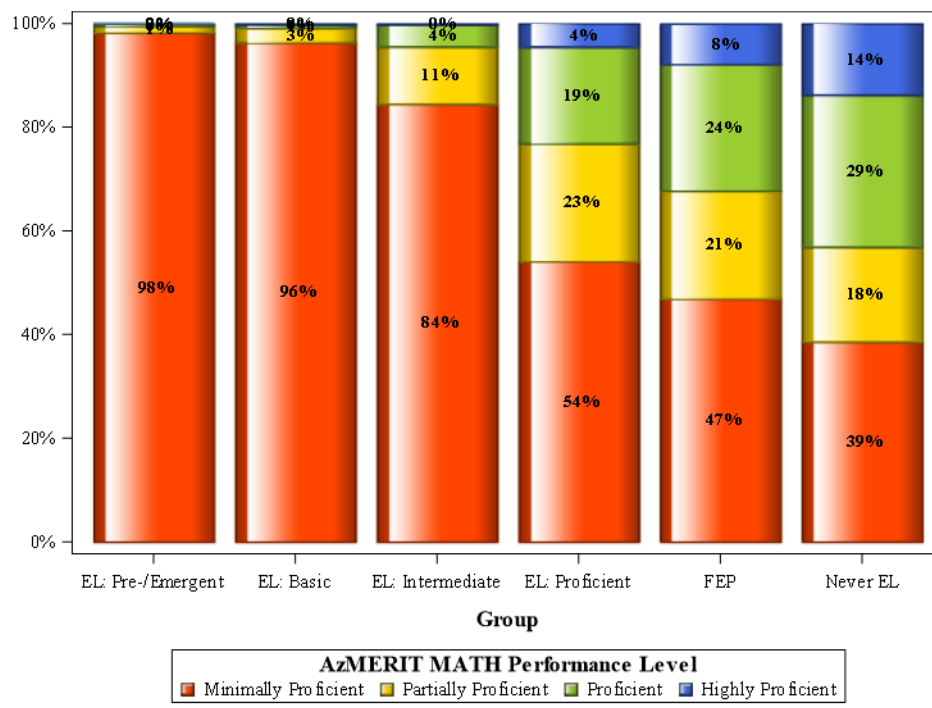


Figure F.33. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 10

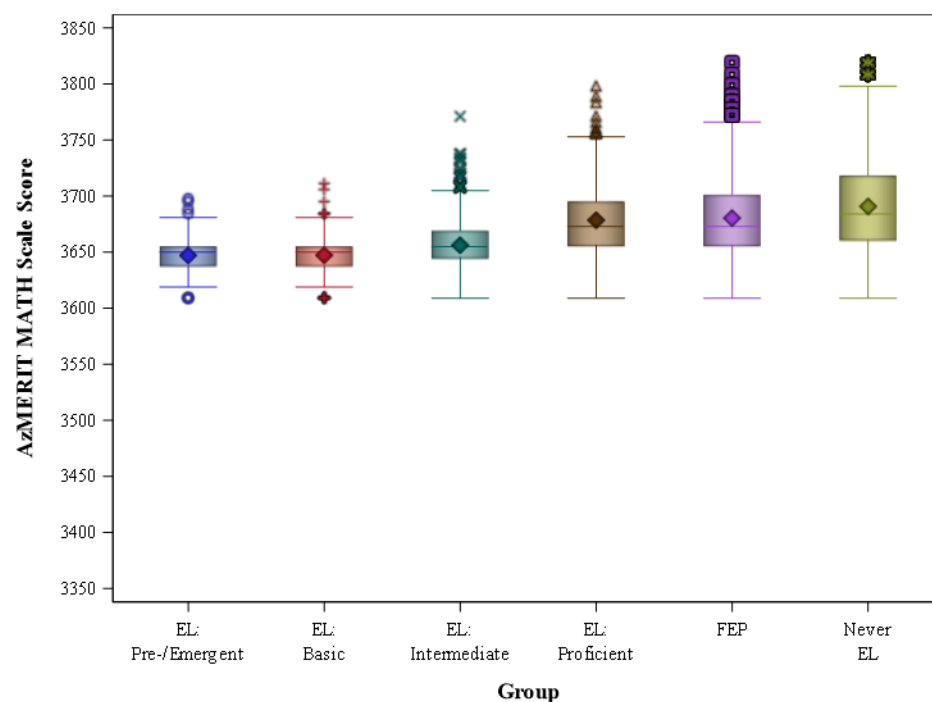


Figure F.34. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 10

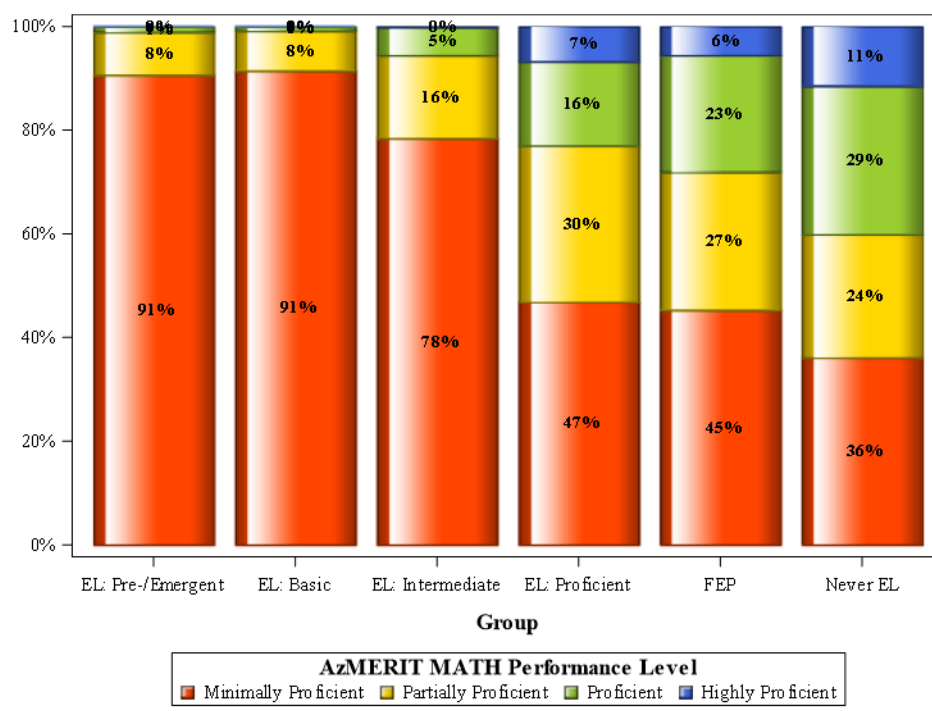


Figure F.35. Box plots of AzMERIT Mathematics Scale Score by Group for Grade 11

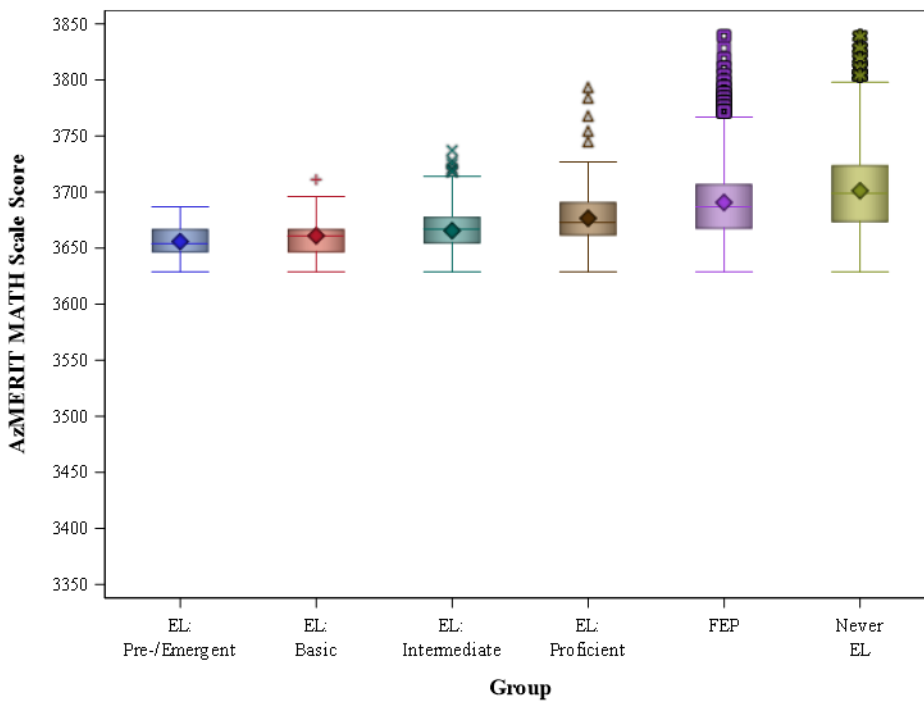
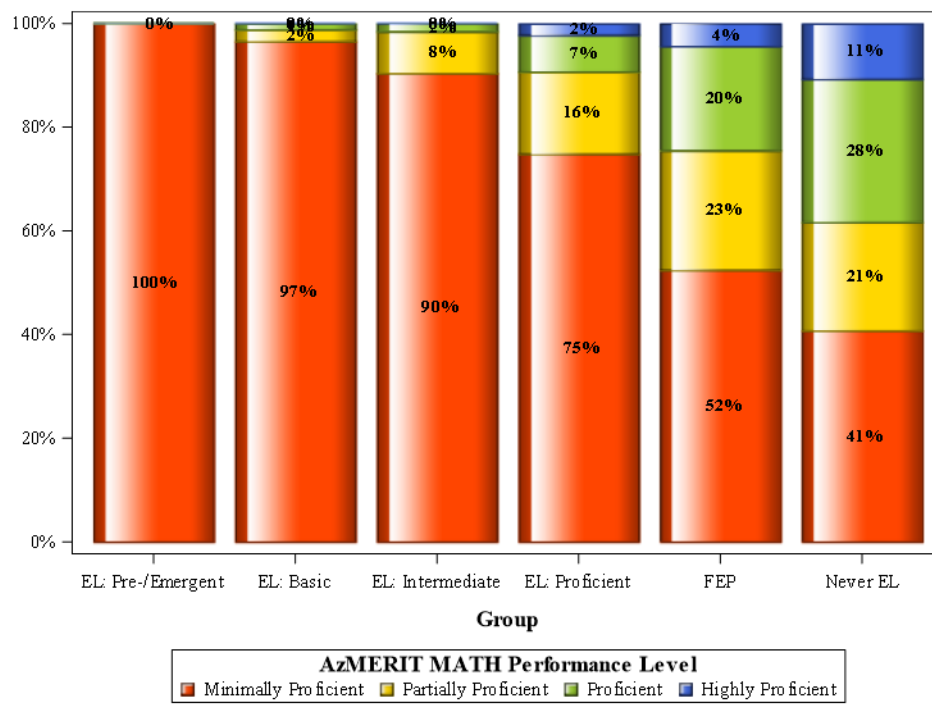


Figure F.36. Stacked Bars of AzMERIT Mathematics Performance Levels by Group for Grade 11



Appendix G. AZELLA REASSESSMENT DIF STATISTICS

This appendix presents DIF statistics for Spring 2017 AZELLA Reassessment. Tables below shows MH and SMD DIF statistics by stage and domain.

Table G.1. DIF Statistics based on EL Students for Items in Reading on Stage I

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
15	MC	6315	7239	0.37	0.07	0.01	A	11580	1974	0.09	-0.05	-0.01	A	359	13195	0.01	-0.04	-0.01	A	983	12571	0.31	0.11	0.02	A
16	MC	6315	7239	0.00	-0.01	0.00	A	11580	1974	0.97	-0.18	-0.02	A	359	13195	0.45	-0.22	-0.03	A	983	12571	0.95	0.20	0.03	A
17	MC	6315	7239	0.01	0.01	0.00	A	11580	1974	3.07	0.25	0.05	A	359	13195	0.19	0.13	0.02	A	983	12571	1.48	-0.21	-0.04	A
18	MC	6315	7239	3.26	-0.15	-0.03	A	11580	1974	20.39	-0.56	-0.09	A	359	13195	1.08	-0.27	-0.06	A	983	12571	1.48	0.20	0.04	A
19	MC	6315	7239	1.20	0.10	0.02	A	11580	1974	1.37	-0.16	-0.02	A	359	13195	5.20	-0.62	-0.12	A	983	12571	0.74	-0.14	-0.03	A
20	MC	6315	7239	0.00	0.01	0.00	A	11580	1974	0.27	-0.07	-0.01	A	359	13195	0.37	-0.18	-0.03	A	983	12571	3.96	-0.34	-0.06	A
21	MC	6315	7239	46.76	-0.60	-0.11	A	11580	1974	0.05	0.03	0.02	A	359	13195	2.00	0.38	0.07	A	983	12571	1.12	-0.18	-0.03	A
22	MC	6315	7239	231.34	1.34	0.23	B>	11580	1974	0.09	0.04	0.01	A	359	13195	6.07	-0.68	-0.12	A	983	12571	9.68	-0.54	-0.10	A
23	MC	6315	7239	37.53	-0.59	-0.10	A	11580	1974	16.43	-0.54	-0.08	A	359	13195	6.97	-0.83	-0.13	A	983	12571	1.81	0.26	0.04	A
24	MC	6315	7239	28.65	-0.49	-0.09	A	11580	1974	19.87	-0.57	-0.08	A	359	13195	1.23	-0.32	-0.06	A	983	12571	3.29	0.33	0.06	A
25	MC	6315	7239	12.13	0.33	0.05	A	11580	1974	0.02	-0.02	0.00	A	359	13195	5.45	0.72	0.12	A	983	12571	0.01	0.02	0.00	A
26	MC	6315	7239	22.17	0.42	0.07	A	11580	1974	18.32	0.55	0.10	A	359	13195	1.15	-0.30	-0.05	A	983	12571	0.02	0.03	0.00	A
27	MC	6315	7239	2.11	-0.13	-0.03	A	11580	1974	0.68	0.10	0.03	A	359	13195	0.26	-0.13	-0.03	A	983	12571	9.79	0.53	0.10	A
28	MC	6315	7239	1.97	-0.13	-0.02	A	11580	1974	14.35	0.49	0.09	A	359	13195	1.79	-0.36	-0.07	A	983	12571	4.08	-0.34	-0.06	A
29	MC	6315	7239	1.46	0.10	0.02	A	11580	1974	6.77	0.32	0.07	A	359	13195	2.35	0.41	0.08	A	983	12571	0.92	-0.16	-0.03	A
30	MC	6315	7239	97.41	-0.85	-0.16	A	11580	1974	3.79	0.24	0.05	A	359	13195	0.00	-0.01	0.00	A	983	12571	0.33	-0.09	-0.02	A
31	MC	6315	7239	5.29	-0.21	-0.04	A	11580	1974	0.32	0.07	0.01	A	359	13195	1.26	-0.34	-0.06	A	983	12571	8.35	0.51	0.09	A
32	MC	6315	7239	0.27	-0.05	-0.01	A	11580	1974	0.44	0.09	0.02	A	359	13195	1.72	-0.36	-0.07	A	983	12571	2.64	-0.27	-0.05	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.2. DIF Statistics based on FRL Students for Items in Reading on Stage I

		Focal Group: FRL (EL)					
Item Number	Item Type	Reference Group: Non-FRL (EL)				SMD	Flag
		NF	NR	MHz ²	ΔMH		
15	MC	10722	2690	0.19	-0.07	-0.01	A
16	MC	10722	2690	0.36	0.09	0.01	A
17	MC	10722	2690	7.81	-0.35	-0.06	A
18	MC	10722	2690	2.91	-0.18	-0.02	A
19	MC	10722	2690	0.00	-0.01	0.00	A
20	MC	10722	2690	1.68	-0.16	-0.02	A
21	MC	10722	2690	2.51	-0.18	-0.03	A
22	MC	10722	2690	1.23	0.12	0.02	A
23	MC	10722	2690	9.15	-0.35	-0.05	A
24	MC	10722	2690	14.31	-0.43	-0.07	A
25	MC	10722	2690	0.10	-0.04	0.00	A
26	MC	10722	2690	0.16	-0.05	-0.01	A
27	MC	10722	2690	0.03	0.02	0.01	A
28	MC	10722	2690	0.03	0.02	0.00	A
29	MC	10722	2690	0.00	0.00	0.00	A
30	MC	10722	2690	6.07	-0.27	-0.04	A
31	MC	10722	2690	1.46	0.14	0.02	A
32	MC	10722	2690	0.55	0.09	0.01	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.3. DIF Statistics based on EL Students for Items in Writing on Stage I

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
33	SA2	6315	7239	25.07		0.07	A	11580	1974	0.21		-0.02	A	359	13195	0.69		-0.04	A	983	12571	5.53		-0.04	A
34	SA2	6315	7239	64.95		0.13	A	11580	1974	61.33		-0.16	A	359	13195	5.08		0.11	A	983	12571	19.48		-0.07	A
35	SA2	6315	7239	12.80		0.05	A	11580	1974	13.63		-0.07	A	359	13195	5.43		-0.06	A	983	12571	7.64		0.00	A
36	SA2	6315	7239	10.62		-0.01	A	11580	1974	41.36		-0.10	A	359	13195	3.07		-0.07	A	983	12571	11.80		-0.08	A
37	SA1	6315	7239	3.68	0.17	0.03	A	11580	1974	6.02	0.31	0.06	A	359	13195	7.23	-0.74	-0.14	A	983	12571	1.86	-0.24	-0.05	A
38	SA1	6315	7239	11.30	0.30	0.05	A	11580	1974	2.98	0.22	0.04	A	359	13195	4.37	0.58	0.11	A	983	12571	3.84	-0.34	-0.07	A
39	SA1	6315	7239	0.82	-0.08	-0.02	A	11580	1974	2.81	-0.22	-0.04	A	359	13195	5.00	-0.65	-0.11	A	983	12571	0.01	0.02	0.00	A
40	SA2	6315	7239	7.74		0.04	A	11580	1974	86.85		-0.18	B<	359	13195	0.13		0.01	A	983	12571	3.17		-0.04	A
41	SA2	6315	7239	4.63		0.03	A	11580	1974	42.22		-0.11	A	359	13195	6.62		0.03	A	983	12571	9.60		-0.07	A
42	SA3	6315	7239	18.83		0.03	A	11580	1974	37.90		-0.10	A	359	13195	4.87		-0.01	A	983	12571	1.94		-0.03	A

NOTE: SA1=1 Point Short Answer Item, SA2=2 Point Short Answer Item, SA3=3 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group, Item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.4. DIF Statistics based on FRL Students for Items in Writing on Stage I

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
33	SA2	10722	2690	2.56		0.03	A
34	SA2	10722	2690	22.40		-0.09	A
35	SA2	10722	2690	12.32		-0.04	A
36	SA2	10722	2690	4.81		-0.03	A
37	SA1	10722	2690	3.95	0.22	0.04	A
38	SA1	10722	2690	0.01	0.01	-0.01	A
39	SA1	10722	2690	4.34	-0.24	-0.04	A
40	SA2	10722	2690	22.02		-0.06	A
41	SA2	10722	2690	15.80		-0.06	A

NOTE: SA1=1 Point Short Answer Item, SA2=2 Point Short Answer Item, SA3=3 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group, Item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.5. DIF Statistics based on EL Students for Items in Listening on Stage I

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
1	MC	6315	7239	5.40	-0.25	-0.04	A	11580	1974	2.33	-0.24	-0.03	A	359	13195	0.96	-0.30	-0.05	A	983	12571	0.08	0.05	0.01	A
2	MC	6315	7239	50.85	-0.69	-0.11	A	11580	1974	1.34	-0.16	-0.03	A	359	13195	5.53	-0.65	-0.12	A	983	12571	1.16	0.18	0.04	A
3	MC	6315	7239	2.92	-0.17	-0.03	A	11580	1974	14.06	-0.55	-0.08	A	359	13195	5.78	0.70	0.12	A	983	12571	1.37	0.21	0.04	A
4	MC	6315	7239	1.72	0.15	0.02	A	11580	1974	0.41	-0.1	-0.01	A	359	13195	0.53	-0.22	-0.04	A	983	12571	0.53	0.14	0.02	A
5	MC	6315	7239	15.15	0.35	0.06	A	11580	1974	67.01	1.02	0.19	B>	359	13195	0.00	0.02	0.00	A	983	12571	1.70	-0.22	-0.04	A
6	MC	6315	7239	5.72	-0.21	-0.04	A	11580	1974	2.71	0.21	0.05	A	359	13195	2.80	-0.47	-0.09	A	983	12571	1.82	-0.24	-0.04	A
7	MC	6315	7239	0.65	-0.07	-0.01	A	11580	1974	11.91	0.44	0.08	A	359	13195	0.97	-0.28	-0.05	A	983	12571	0.08	-0.05	-0.01	A
8	MC	6315	7239	43.92	0.74	0.10	A	11580	1974	8.19	0.45	0.07	A	359	13195	3.96	0.70	0.10	A	983	12571	14.46	-0.70	-0.13	A
9	MC	6315	7239	16.61	0.46	0.06	A	11580	1974	29.16	0.83	0.12	A	359	13195	2.26	0.52	0.08	A	983	12571	1.80	-0.26	-0.05	A
10	MC	6315	7239	1.08	-0.10	-0.02	A	11580	1974	1.46	0.17	0.03	A	359	13195	2.82	0.49	0.09	A	983	12571	3.90	-0.34	-0.07	A
11	MC	6315	7239	16.06	-0.36	-0.06	A	11580	1974	9.81	-0.42	-0.06	A	359	13195	1.09	0.29	0.05	A	983	12571	1.18	0.19	0.03	A
12	MC	6315	7239	1.57	-0.11	-0.02	A	11580	1974	1.06	-0.13	-0.02	A	359	13195	6.69	0.71	0.14	A	983	12571	3.67	0.31	0.06	A
13	MC	6315	7239	10.35	-0.27	-0.05	A	11580	1974	2.29	0.18	0.04	A	359	13195	4.46	-0.54	-0.11	A	983	12571	0.09	-0.05	-0.01	A
14	MC	6315	7239	0.25	0.04	0.01	A	11580	1974	0.03	0.02	0	A	359	13195	0.02	-0.03	-0.01	A	983	12571	2.86	0.27	0.05	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.6. DIF Statistics based on FRL Students for Items in Listening on Stage I

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					Flag
		NF	NR	MH χ^2	Δ MH	SMD	
1	MC	10722	2690	0.08	-0.04	-0.01	A
2	MC	10722	2690	0.03	-0.02	0.00	A
3	MC	10722	2690	5.97	-0.31	-0.05	A
4	MC	10722	2690	0.63	0.11	0.01	A
5	MC	10722	2690	13.55	0.42	0.07	A
6	MC	10722	2690	1.23	-0.12	-0.01	A
7	MC	10722	2690	0.88	0.10	0.01	A
8	MC	10722	2690	4.44	0.30	0.05	A
9	MC	10722	2690	10.39	0.47	0.07	A
10	MC	10722	2690	0.09	-0.04	-0.01	A
11	MC	10722	2690	3.42	-0.22	-0.03	A
12	MC	10722	2690	0.46	-0.07	-0.01	A
13	MC	10722	2690	1.96	0.15	0.03	A
14	MC	10722	2690	0.03	0.02	0.00	A

NOTE: MC=Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.7. DIF Statistics based on EL Students for Items in Speaking on Stage I

Item Number	Item Type	Focal Group: Female Reference Group: Male							Focal Group: Hispanic Reference Group: Non-Hispanic							Focal Group: American Indian Reference Group: Non-American Indian							Focal Group: Special Education Reference Group: Non-Special Education						
		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag	
43	SA1	6315	7239	6.52	-0.28	-0.04	A		11580	1974	44.48	0.96	0.16	A		359	13195	0.52	0.24	0.04	A		983	12571	7.29	-0.50	-0.10	A	
44	SA1	6315	7239	33.59	-0.54	-0.09	A		11580	1974	28.48	-0.74	-0.12	A		359	13195	1.45	-0.33	-0.06	A		983	12571	3.41	0.32	0.06	A	
45	SA2	6315	7239	1.30		0.01	A		11580	1974	4.83		0.05	A		359	13195	1.63		0.06	A		983	12571	33.76		-0.17	B<	
46	SA4	6315	7239	20.98		-0.05	A		11580	1974	26.23		0.06	A		359	13195	12.93		0.13	A		983	12571	6.40		-0.06	A	
47	SA2	6315	7239	8.21		0.04	A		11580	1974	18.51		0.09	A		359	13195	4.73		-0.09	A		983	12571	14.19		-0.11	A	
48	SA4	6315	7239	23.41		0.06	A		11580	1974	5.47		0.03	A		359	13195	8.05		0.12	A		983	12571	100.46		-0.27	C<	

NOTE: SA1=1 Point Short Answer Item, SA2=2 Point Short Answer Item, SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.8. DIF Statistics based on FRL Students for Items in Speaking on Stage I

Item Number	Item Type	Focal Group: FRL Reference Group: Non-FRL					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
43	SA1	10722	2690	0.59	0.11	0.01	A
44	SA1	10722	2690	5.83	-0.29	-0.05	A
45	SA2	10722	2690	1.94		-0.02	A
46	SA4	10722	2690	3.62		-0.01	A
47	SA2	10722	2690	13.15		0.07	A
48	SA4	10722	2690	1.52		-0.01	A

NOTE: SA1=1 Point Short Answer Item, SA2=2 Point Short Answer Item, SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.9. DIF Statistics based on EL Students for Items in Reading on Stage II

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
15	MC	8120	9573	7.77	0.23	0.04	A	15216	2477	17.70	0.50	0.10	A	705	16988	2.08	-0.29	-0.05	A	1883	15810	2.80	-0.21	-0.04	A
16	MC	8120	9573	51.09	-0.56	-0.10	A	15216	2477	38.32	-0.74	-0.11	A	705	16988	0.22	-0.10	-0.02	A	1883	15810	0.47	-0.09	-0.01	A
17	MC	8120	9573	0.08	-0.03	0.00	A	15216	2477	20.84	-0.61	-0.09	A	705	16988	2.55	0.36	0.06	A	1883	15810	17.49	-0.55	-0.10	A
18	MC	8120	9573	0.02	-0.01	0.00	A	15216	2477	0.22	-0.05	-0.01	A	705	16988	2.07	0.28	0.05	A	1883	15810	0.55	0.09	0.02	A
19	MC	8120	9573	5.44	0.18	0.04	A	15216	2477	6.71	0.29	0.06	A	705	16988	3.26	0.34	0.07	A	1883	15810	0.32	-0.07	-0.01	A
20	MC	8120	9573	16.37	0.39	0.05	A	15216	2477	5.34	-0.34	-0.04	A	705	16988	1.47	0.30	0.04	A	1883	15810	0.42	-0.09	-0.01	A
21	MC	8120	9573	7.64	-0.21	-0.04	A	15216	2477	10.32	-0.37	-0.06	A	705	16988	0.00	0.00	0.00	A	1883	15810	4.35	0.26	0.05	A
22	MC	8120	9573	13.68	0.36	0.05	A	15216	2477	0.34	0.08	0.01	A	705	16988	0.81	0.24	0.03	A	1883	15810	10.10	-0.46	-0.08	A
23	MC	8120	9573	0.24	-0.04	-0.01	A	15216	2477	0.39	-0.08	-0.02	A	705	16988	0.65	-0.17	-0.03	A	1883	15810	0.00	-0.01	0.00	A
24	MC	8120	9573	17.27	-0.33	-0.06	A	15216	2477	2.35	0.17	0.02	A	705	16988	0.01	-0.02	0.00	A	1883	15810	0.02	-0.02	0.00	A
25	MC	8120	9573	8.28	0.23	0.04	A	15216	2477	1.72	-0.15	-0.03	A	705	16988	1.26	-0.23	-0.04	A	1883	15810	2.17	-0.20	-0.03	A
26	MC	8120	9573	0.06	0.02	0.00	A	15216	2477	13.70	-0.43	-0.07	A	705	16988	0.33	0.11	0.02	A	1883	15810	0.80	0.11	0.02	A
27	MC	8120	9573	0.00	0.00	0.00	A	15216	2477	0.06	-0.03	0.01	A	705	16988	0.01	-0.02	0.00	A	1883	15810	0.98	-0.12	-0.02	A
28	MC	8120	9573	5.71	0.19	0.03	A	15216	2477	1.23	0.13	0.03	A	705	16988	1.93	-0.28	-0.05	A	1883	15810	4.10	-0.25	-0.05	A
29	MC	8120	9573	30.02	0.44	0.07	A	15216	2477	9.66	0.36	0.06	A	705	16988	0.27	-0.11	-0.02	A	1883	15810	1.07	-0.13	-0.02	A
30	MC	8120	9573	0.01	0.01	0.00	A	15216	2477	0.00	0.00	0.00	A	705	16988	0.00	-0.01	0.00	A	1883	15810	0.07	0.03	0.01	A
31	MC	8120	9573	3.72	0.16	0.03	A	15216	2477	0.03	0.02	0.00	A	705	16988	1.13	0.22	0.04	A	1883	15810	1.44	0.16	0.03	A
32	MC	8120	9573	2.91	0.13	0.03	A	15216	2477	0.02	0.02	0.00	A	705	16988	7.19	-0.51	-0.10	A	1883	15810	1.12	0.13	0.03	A
33	MC	8120	9573	0.65	-0.06	-0.01	A	15216	2477	5.92	-0.26	-0.05	A	705	16988	3.08	-0.34	-0.06	A	1883	15810	1.85	0.16	0.03	A
34	MC	8120	9573	3.25	-0.14	-0.02	A	15216	2477	9.84	-0.37	-0.06	A	705	16988	0.01	0.02	0.00	A	1883	15810	0.77	-0.11	-0.02	A
50	SA1	8120	9573	0.71	-0.07	-0.01	A	15216	2477	1.56	0.15	0.03	A	705	16988	5.11	0.48	0.08	A	1883	15810	9.04	0.39	0.08	A
51	SA1	8120	9573	6.02	0.19	0.03	A	15216	2477	0.68	0.09	0.02	A	705	16988	4.65	0.42	0.08	A	1883	15810	18.28	-0.51	-0.10	A
56	SA3	8120	9573	60.79		-0.07	A	15216	2477	74.23		-0.06	A	705	16988	0.35		0.00	A	1883	15810	16.39		0.04	A

NOTE: MC=Multiple-choice Items, SA1=1 Point Short Answer Item, SA3=3 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group, Item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.10. DIF Statistics based on FRL Students for Items in Reading on Stage II

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					Flag
		NF	NR	MH χ^2	Δ MH	SMD	
15	MC	14620	2855	4.48	-0.25	-0.03	A
16	MC	14620	2855	24.44	-0.55	-0.09	A
17	MC	14620	2855	26.98	-0.66	-0.11	A
18	MC	14620	2855	0.34	0.06	0.02	A
19	MC	14620	2855	0.05	-0.02	0.00	A
20	MC	14620	2855	0.17	0.06	0.01	A
21	MC	14620	2855	2.52	-0.17	-0.02	A
22	MC	14620	2855	0.18	0.06	0.00	A
23	MC	14620	2855	0.48	0.08	0.01	A
24	MC	14620	2855	0.03	-0.02	0.00	A
25	MC	14620	2855	1.11	-0.12	-0.02	A
26	MC	14620	2855	1.66	-0.14	-0.02	A
27	MC	14620	2855	0.67	0.08	0.02	A
28	MC	14620	2855	0.01	-0.01	0.00	A
29	MC	14620	2855	0.24	0.05	0.00	A
30	MC	14620	2855	0.01	-0.01	-0.01	A
31	MC	14620	2855	0.70	-0.09	-0.01	A
32	MC	14620	2855	1.91	-0.14	-0.02	A
33	MC	14620	2855	0.06	0.03	0.02	A
34	MC	14620	2855	0.03	-0.02	0.00	A
50	SA1	14620	2855	0.01	-0.01	-0.01	A
51	SA1	14620	2855	0.24	-0.05	-0.02	A
56	SA3	14620	2855	35.92		-0.08	A

NOTE: MC=Multiple-choice Items, SA1=1 Point Short Answer Item, SA3=3 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.11. DIF Statistics based on EL Students for Items in Writing on Stage II

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
35	MC	8120	9573	0.29	-0.04	-0.01	A	15216	2477	1.95	-0.16	-0.02	A	705	16988	3.95	-0.39	-0.07	A	1883	15810	0.05	-0.03	-0.01	A
36	MC	8120	9573	23.37	0.37	0.07	A	15216	2477	29.29	-0.58	-0.11	A	705	16988	3.05	0.33	0.06	A	1883	15810	2.60	0.20	0.04	A
37	MC	8120	9573	9.65	0.24	0.05	A	15216	2477	12.10	-0.38	-0.07	A	705	16988	10.84	0.63	0.12	A	1883	15810	2.04	0.18	0.03	A
38	MC	8120	9573	4.39	-0.15	-0.03	A	15216	2477	8.11	-0.30	-0.05	A	705	16988	1.38	-0.22	-0.04	A	1883	15810	1.95	-0.17	-0.03	A
39	MC	8120	9573	0.06	-0.02	0.00	A	15216	2477	0.61	0.09	0.01	A	705	16988	2.49	-0.33	-0.05	A	1883	15810	4.86	-0.28	-0.05	A
40	MC	8120	9573	8.39	-0.22	-0.04	A	15216	2477	0.95	0.11	0.02	A	705	16988	0.00	-0.01	0.00	A	1883	15810	8.87	-0.37	-0.07	A
41	MC	8120	9573	1.99	0.12	0.02	A	15216	2477	0.06	-0.03	-0.01	A	705	16988	2.61	-0.34	-0.05	A	1883	15810	17.82	-0.54	-0.09	A
42	MC	8120	9573	3.77	-0.15	-0.03	A	15216	2477	6.45	-0.28	-0.05	A	705	16988	1.01	-0.20	-0.04	A	1883	15810	14.73	-0.48	-0.09	A
43	MC	8120	9573	0.17	0.03	0.01	A	15216	2477	4.06	-0.24	-0.04	A	705	16988	3.33	-0.38	-0.06	A	1883	15810	4.27	-0.27	-0.05	A
44	MC	8120	9573	1.48	-0.09	-0.02	A	15216	2477	0.07	-0.03	-0.01	A	705	16988	0.01	0.02	0.00	A	1883	15810	0.07	-0.03	0.00	A
45	MC	8120	9573	0.65	-0.06	-0.01	A	15216	2477	2.33	0.17	0.03	A	705	16988	1.69	-0.25	-0.05	A	1883	15810	4.89	-0.27	-0.05	A
46	MC	8120	9573	11.38	-0.26	-0.05	A	15216	2477	17.39	-0.46	-0.07	A	705	16988	0.30	-0.10	-0.02	A	1883	15810	6.58	0.32	0.06	A
47	MC	8120	9573	4.68	-0.18	-0.03	A	15216	2477	0.14	-0.04	-0.01	A	705	16988	0.74	0.18	0.03	A	1883	15810	2.90	0.23	0.03	A
48	ER	8120	9573	88.39		0.10	A	15216	2477	6.63		-0.02	A	705	16988	4.18		-0.02	A	1883	15810	87.88		-0.17	B<
49	ER	8120	9573	105.65		0.11	A	15216	2477	3.12		-0.02	A	705	16988	5.83		-0.04	A	1883	15810	41.27		-0.12	A

NOTE: MC=Multiple-choice Items, ER=Extended Response Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group, Item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.12. DIF Statistics based on FRL Students for Items in Writing on Stage II

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
35	MC	14620	2855	0.21	0.05	0.02	A
36	MC	14620	2855	10.62	-0.33	-0.05	A
37	MC	14620	2855	3.48	-0.20	-0.03	A
38	MC	14620	2855	1.25	-0.11	-0.01	A
39	MC	14620	2855	8.13	0.32	0.06	A
40	MC	14620	2855	1.29	-0.12	-0.02	A
41	MC	14620	2855	0.01	0.01	0.00	A
42	MC	14620	2855	5.66	-0.24	-0.05	A
43	MC	14620	2855	5.57	0.27	0.05	A
44	MC	14620	2855	0.47	-0.07	0.00	A
45	MC	14620	2855	0.00	0.00	0.00	A
46	MC	14620	2855	0.54	-0.08	-0.01	A
47	MC	14620	2855	1.52	-0.14	-0.02	A
48	ER	14620	2855	13.28		-0.05	A
49	ER	14620	2855	6.25		-0.04	A

NOTE: MC= Multiple-choice Item, ER=Extended Response Item , NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.13. DIF Statistics based on EL Students for Items in Listening on Stage II

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
1	MC	8120	9573	3.04	-0.14	-0.03	A	15216	2477	1.92	-0.17	-0.03	A	705	16988	2.87	0.36	0.06	A	1883	15810	21.83	-0.58	-0.12	A
2	MC	8120	9573	0.02	-0.01	0.00	A	15216	2477	1.39	-0.13	-0.02	A	705	16988	0.46	0.13	0.02	A	1883	15810	3.36	-0.22	-0.04	A
3	MC	8120	9573	2.66	-0.12	-0.02	A	15216	2477	15.24	-0.42	-0.07	A	705	16988	0.84	-0.17	-0.03	A	1883	15810	0.97	-0.12	-0.02	A
4	MC	8120	9573	3.38	0.14	0.02	A	15216	2477	20.63	-0.51	-0.08	A	705	16988	0.03	-0.03	-0.01	A	1883	15810	2.72	-0.21	-0.04	A
5	MC	8120	9573	0.19	-0.03	-0.01	A	15216	2477	21.50	-0.51	-0.09	A	705	16988	8.48	0.56	0.11	A	1883	15810	0.58	-0.09	-0.02	A
6	MC	8120	9573	5.28	-0.18	-0.03	A	15216	2477	13.39	-0.40	-0.06	A	705	16988	0.31	-0.11	-0.02	A	1883	15810	0.33	-0.07	-0.01	A
7	MC	8120	9573	13.26	0.33	0.05	A	15216	2477	33.25	0.73	0.12	A	705	16988	4.96	-0.49	-0.08	A	1883	15810	22.78	-0.64	-0.12	A
8	MC	8120	9573	51.90	0.59	0.10	A	15216	2477	1.48	-0.15	-0.02	A	705	16988	0.09	-0.06	-0.01	A	1883	15810	34.56	-0.72	-0.14	A
9	MC	8120	9573	1.32	0.09	0.02	A	15216	2477	0.93	0.11	0.03	A	705	16988	1.30	-0.23	-0.04	A	1883	15810	14.56	-0.47	-0.09	A
10	MC	8120	9573	10.62	0.26	0.05	A	15216	2477	21.32	0.53	0.10	A	705	16988	1.22	-0.22	-0.04	A	1883	15810	22.05	-0.58	-0.12	A
11	MC	8120	9573	3.93	0.15	0.03	A	15216	2477	12.64	-0.40	-0.08	A	705	16988	0.33	-0.11	-0.02	A	1883	15810	2.67	0.20	0.04	A
12	MC	8120	9573	111.24	-0.82	-0.15	A	15216	2477	1.50	-0.14	-0.02	A	705	16988	0.03	0.03	0.01	A	1883	15810	11.36	0.42	0.08	A
13	MC	8120	9573	0.72	0.07	0.01	A	15216	2477	2.69	0.22	0.04	A	705	16988	0.56	-0.17	-0.03	A	1883	15810	10.03	-0.42	-0.08	A
14	MC	8120	9573	9.12	-0.23	-0.04	A	15216	2477	0.08	-0.03	-0.01	A	705	16988	0.15	-0.08	-0.01	A	1883	15810	0.18	-0.05	-0.01	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.14. DIF Statistics based on FRL Students for Items in Listening on Stage II

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
1	MC	14620	2855	0.24	0.06	0.01	A
2	MC	14620	2855	0.42	0.07	0.02	A
3	MC	14620	2855	10.84	-0.34	-0.06	A
4	MC	14620	2855	11.24	-0.35	-0.06	A
5	MC	14620	2855	9.55	-0.32	-0.06	A
6	MC	14620	2855	15.48	-0.41	-0.07	A
7	MC	14620	2855	6.68	0.33	0.05	A
8	MC	14620	2855	2.69	-0.19	-0.02	A
9	MC	14620	2855	1.56	-0.14	-0.03	A
10	MC	14620	2855	1.06	0.12	0.02	A
11	MC	14620	2855	0.49	0.07	0.02	A
12	MC	14620	2855	0.68	-0.09	-0.02	A
13	MC	14620	2855	4.23	-0.26	-0.04	A
14	MC	14620	2855	9.64	-0.33	-0.05	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.15. DIF Statistics based on EL Students for Items in Speaking on Stage II

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
52	SA4	8120	9573	85.86		-0.11	A	15216	2477	35.70		0.09	A	705	16988	12.47		0.11	A	1883	15810	26.99		0.10	A
53	SA4	8120	9573	58.12		0.02	A	15216	2477	30.63		0.10	A	705	16988	5.50		0.06	A	1883	15810	23.93		0.00	A
54	SA4	8120	9573	7.05		-0.01	A	15216	2477	26.37		0.09	A	705	16988	6.88		0.09	A	1883	15810	12.62		0.07	A
55	SA4	8120	9573	6.91		-0.01	A	15216	2477	23.66		0.08	A	705	16988	7.36		0.09	A	1883	15810	5.33		0.05	A
57	SA4	8120	9573	2.52		-0.01	A	15216	2477	28.36		0.07	A	705	16988	11.69		0.10	A	1883	15810	20.23		-0.01	A
58	SA4	8120	9573	22.55		0.05	A	15216	2477	26.54		0.09	A	705	16988	1.72		-0.04	A	1883	15810	2.21		0.02	A
59	SA4	8120	9573	27.04		0.03	A	15216	2477	14.57		0.05	A	705	16988	7.94		0.09	A	1883	15810	20.37		0.00	A
60	SA4	8120	9573	1.59		0.01	A	15216	2477	57.88		0.15	A	705	16988	12.62		0.11	A	1883	15810	119.18		-0.19	B<

NOTE: SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group, Item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.16. DIF Statistics based on FRL Students for Items in Speaking on Stage II

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
52	SA4	14620	2855	11.40		-0.02	A
53	SA4	14620	2855	1.83		-0.01	A
54	SA4	14620	2855	6.33		-0.03	A
55	SA4	14620	2855	2.10		-0.01	A
57	SA4	14620	2855	5.59		0.00	A
58	SA4	14620	2855	12.73		0.05	A
59	SA4	14620	2855	6.90		-0.02	A
60	SA4	14620	2855	3.04		-0.02	A

NOTE: SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.17. DIF Statistics based on EL Students for Items in Reading on Stage III

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
15	MC	10450	12610	20.77	0.32	0.06	A	19847	3213	69.35	-0.81	-0.16	A	1219	21841	24.46	0.74	0.14	A	3388	19672	1.61	0.13	0.02	A
16	MC	10450	12610	31.85	0.38	0.07	A	19847	3213	6.72	-0.26	-0.05	A	1219	21841	0.92	0.14	0.03	A	3388	19672	12.78	-0.35	-0.06	A
17	MC	5260	6321	0.62	-0.08	-0.01	A	9961	1620	94.42	-1.30	-0.25	B<	593	10988	29.86	1.14	0.22	B>	1718	9863	0.75	0.12	0.02	A
18	MC	10450	12610	2.74	-0.11	-0.02	A	19847	3213	18.10	-0.43	-0.07	A	1219	21841	1.84	0.21	0.04	A	3388	19672	2.39	-0.15	-0.03	A
19	MC	5260	6321	20.83	0.48	0.08	A	9961	1620	0.72	-0.13	-0.03	A	593	10988	0.23	0.11	0.02	A	1718	9863	32.43	-0.79	-0.15	A
20	MC	10450	12610	41.87	0.43	0.08	A	19847	3213	1.89	0.13	0.02	A	1219	21841	0.63	-0.12	-0.02	A	3388	19672	6.83	-0.25	-0.05	A
21	MC	10450	12610	15.97	0.26	0.05	A	19847	3213	1.55	-0.12	-0.02	A	1219	21841	9.55	-0.44	-0.09	A	3388	19672	7.76	-0.26	-0.05	A
22	MC	5260	6321	6.74	-0.24	-0.05	A	9961	1620	0.67	-0.11	-0.02	A	593	10988	0.94	-0.20	-0.04	A	1718	9863	0.49	0.09	0.01	A
23	MC	5260	6321	7.56	-0.26	-0.05	A	9961	1620	0.60	0.11	0.02	A	593	10988	0.46	-0.15	-0.03	A	1718	9863	0.12	-0.05	-0.01	A
24	MC	10450	12610	78.99	0.63	0.11	A	19847	3213	5.38	0.24	0.04	A	1219	21841	3.13	-0.28	-0.05	A	3388	19672	6.36	-0.25	-0.04	A
25	MC	10450	12610	0.33	-0.04	0.00	A	19847	3213	0.02	0.01	0.00	A	1219	21841	0.88	0.14	0.03	A	3388	19672	1.05	-0.10	-0.01	A
26	MC	5260	6321	43.12	0.68	0.11	A	9961	1620	2.49	0.23	0.04	A	593	10988	0.31	-0.13	-0.02	A	1718	9863	4.68	-0.30	-0.06	A
27	MC	5260	6321	16.29	0.42	0.06	A	9961	1620	0.26	-0.08	-0.01	A	593	10988	4.21	-0.46	-0.08	A	1718	9863	3.77	-0.28	-0.05	A
28	MC	10450	12610	27.86	0.35	0.07	A	19847	3213	0.78	0.09	0.02	A	1219	21841	7.67	-0.41	-0.08	A	3388	19672	1.24	-0.11	-0.02	A
29	MC	5260	6321	0.66	0.08	0.01	A	9961	1620	4.35	-0.28	-0.05	A	593	10988	0.74	-0.18	-0.04	A	1718	9863	0.18	0.06	0.01	A
30	MC	5260	6321	8.56	0.27	0.06	A	9961	1620	10.48	-0.43	-0.08	A	593	10988	0.23	0.10	0.02	A	1718	9863	2.99	-0.23	-0.04	A
31	MC	10450	12610	52.86	-0.50	-0.09	A	19847	3213	8.68	-0.29	-0.05	A	1219	21841	0.27	-0.08	-0.01	A	3388	19672	0.58	0.07	0.02	A
32	MC	10450	12610	37.41	-0.41	-0.08	A	19847	3213	6.18	-0.24	-0.05	A	1219	21841	1.06	-0.15	-0.03	A	3388	19672	0.06	0.02	0.00	A
33	MC	10450	12610	2.17	-0.10	-0.02	A	19847	3213	0.75	0.09	0.02	A	1219	21841	9.05	-0.46	-0.08	A	3388	19672	3.29	-0.18	-0.03	A
34	MC	10450	12610	0.09	0.02	0.00	A	19847	3213	0.75	0.09	0.01	A	1219	21841	15.40	-0.59	-0.10	A	3388	19672	14.20	-0.37	-0.07	A
35	MC	10450	12610	1.54	-0.08	-0.02	A	19847	3213	3.57	-0.18	-0.03	A	1219	21841	0.32	0.08	0.02	A	3388	19672	1.02	-0.10	-0.02	A
36	MC	10450	12610	14.82	0.25	0.05	A	19847	3213	5.79	-0.23	-0.04	A	1219	21841	1.37	0.17	0.03	A	3388	19672	2.09	0.13	0.03	A
37	MC	5260	6321	2.92	0.16	0.03	A	9961	1620	1.82	-0.18	-0.03	A	593	10988	0.00	-0.01	0.00	A	1718	9863	3.69	-0.26	-0.05	A
61	SA3	5260	6321	6.32		0.02	A	9961	1620	29.92		0.04	A	593	10988	0.97		0.02	A	1718	9863	27.34		0.01	A
75	MC	5190	6289	0.48	-0.07	-0.01	A	9886	1593	0.00	-0.01	-0.01	A	626	10853	2.64	-0.34	-0.06	A	1670	9809	0.65	-0.11	-0.02	A
76	MC	5190	6289	32.34	0.63	0.09	A	9886	1593	0.57	-0.12	-0.02	A	626	10853	1.60	-0.31	-0.05	A	1670	9809	31.97	-0.82	-0.15	A
77	MC	5190	6289	10.83	-0.30	-0.06	A	9886	1593	1.72	-0.17	-0.03	A	626	10853	0.00	-0.01	0.00	A	1670	9809	0.42	0.09	0.02	A
78	MC	5190	6289	3.58	0.18	0.04	A	9886	1593	0.26	-0.07	-0.02	A	626	10853	0.21	0.09	0.02	A	1670	9809	0.58	0.10	0.02	A
79	MC	5190	6289	29.99	0.58	0.09	A	9886	1593	9.42	0.46	0.07	A	626	10853	0.00	0.01	0.00	A	1670	9809	3.04	-0.25	-0.04	A
80	MC	5190	6289	60.45	0.80	0.13	A	9886	1593	0.72	0.12	0.02	A	626	10853	0.23	-0.11	-0.02	A	1670	9809	8.14	-0.40	-0.08	A
81	MC	5190	6289	0.61	0.07	0.01	A	9886	1593	1.06	-0.13	-0.03	A	626	10853	3.33	-0.37	-0.07	A	1670	9809	0.27	-0.07	-0.01	A
82	MC	5190	6289	6.92	0.27	0.04	A	9886	1593	0.15	-0.06	-0.01	A	626	10853	0.47	-0.15	-0.02	A	1670	9809	7.20	-0.39	-0.07	A
83	MC	5190	6289	13.55	-0.40	-0.06	A	9886	1593	0.27	-0.08	-0.01	A	626	10853	1.85	0.33	0.05	A	1670	9809	0.27	0.08	0.01	A
98	SA3	5190	6289	7.78		-0.03	A	9886	1593	23.85		0.03	A	626	10853	5.86		0.03	A	1670	9809	40.76		-0.06	A

NOTE: MC=Multiple-choice Item, SA1=1 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.18. DIF Statistics based on FRL Students for Items in Reading on Stage III

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
15	MC	19699	3233	11.26	-0.33	-0.06	A
16	MC	19699	3233	11.60	-0.33	-0.06	A
17	MC	9871	1651	11.16	-0.45	-0.08	A
18	MC	19699	3233	0.14	-0.04	0.00	A
19	MC	9871	1651	4.77	-0.34	-0.06	A
20	MC	19699	3233	1.71	0.13	0.03	A
21	MC	19699	3233	4.62	-0.20	-0.03	A
22	MC	9871	1651	4.90	-0.30	-0.05	A
23	MC	9871	1651	0.17	-0.06	-0.01	A
24	MC	19699	3233	3.31	0.19	0.03	A
25	MC	19699	3233	1.39	0.12	0.02	A
26	MC	9871	1651	0.03	-0.03	-0.01	A
27	MC	9871	1651	2.19	-0.23	-0.04	A
28	MC	19699	3233	0.01	-0.01	0.00	A
29	MC	9871	1651	0.08	0.04	0.01	A
30	MC	9871	1651	0.03	-0.02	0.01	A
31	MC	19699	3233	3.25	-0.18	-0.02	A
32	MC	19699	3233	9.52	-0.30	-0.05	A
33	MC	19699	3233	3.92	-0.19	-0.03	A
34	MC	19699	3233	0.38	-0.06	-0.01	A
35	MC	19699	3233	1.55	-0.12	-0.01	A
36	MC	19699	3233	1.14	-0.10	-0.02	A
37	MC	9871	1651	2.08	0.20	0.04	A
61	SA3	9871	1651	10.19		0.01	A
75	MC	9828	1582	5.89	-0.36	-0.07	A
76	MC	9828	1582	4.61	-0.36	-0.06	A
77	MC	9828	1582	0.14	-0.05	0.00	A
78	MC	9828	1582	2.57	-0.21	-0.04	A
79	MC	9828	1582	0.00	0.01	0.00	A
80	MC	9828	1582	0.09	0.05	0.00	A
81	MC	9828	1582	0.00	0.00	0.00	A
82	MC	9828	1582	7.46	-0.41	-0.06	A
83	MC	9828	1582	2.34	-0.25	-0.04	A
98	SA3	9828	1582	6.20		-0.01	A

NOTE: MC= Multiple-choice Item, SA1=1 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.19. DIF Statistics based on EL Students for Items in Writing on Stage III

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
38	MC	5260	6321	28.17	0.77	0.09	A	9961	1620	10.32	0.62	0.07	A	593	10988	2.81	0.59	0.06	A	1718	9863	24.89	-0.85	-0.15	A
39	MC	5260	6321	0.61	0.08	0.02	A	9961	1620	0.00	-0.01	0.00	A	593	10988	1.68	-0.29	-0.05	A	1718	9863	11.80	-0.50	-0.08	A
40	MC	10450	12610	45.76	0.47	0.09	A	19847	3213	5.04	-0.22	-0.04	A	1219	21841	0.12	-0.05	-0.01	A	3388	19672	0.17	-0.04	-0.01	A
41	MC	10450	12610	29.93	0.36	0.07	A	19847	3213	0.03	-0.02	-0.01	A	1219	21841	2.64	0.24	0.05	A	3388	19672	0.42	-0.06	-0.01	A
42	MC	10450	12610	29.26	0.36	0.07	A	19847	3213	0.01	0.01	0.00	A	1219	21841	0.34	0.09	0.02	A	3388	19672	3.59	-0.18	-0.03	A
43	MC	10450	12610	28.61	-0.36	-0.07	A	19847	3213	11.36	-0.32	-0.06	A	1219	21841	4.14	0.30	0.06	A	3388	19672	1.96	-0.14	-0.02	A
44	MC	10450	12610	4.08	0.15	0.02	A	19847	3213	1.03	0.11	0.02	A	1219	21841	2.71	-0.28	-0.05	A	3388	19672	1.14	-0.12	-0.01	A
45	MC	5260	6321	0.11	-0.03	-0.01	A	9961	1620	18.90	-0.60	-0.12	A	593	10988	4.17	0.43	0.08	A	1718	9863	3.08	-0.23	-0.05	A
46	MC	5260	6321	58.77	0.73	0.14	A	9961	1620	0.14	0.05	0.01	A	593	10988	0.08	-0.06	-0.01	A	1718	9863	0.57	-0.11	-0.02	A
47	MC	10450	12610	9.22	0.22	0.03	A	19847	3213	0.70	0.09	0.01	A	1219	21841	3.44	0.30	0.05	A	3388	19672	9.84	-0.32	-0.05	A
48	MC	5260	6321	5.11	-0.23	-0.04	A	9961	1620	6.58	0.38	0.06	A	593	10988	0.17	0.10	0.02	A	1718	9863	7.77	-0.39	-0.07	A
49	MC	10450	12610	0.11	0.03	0.00	A	19847	3213	18.97	0.51	0.07	A	1219	21841	0.53	-0.14	-0.02	A	3388	19672	41.31	-0.70	-0.13	A
50	MC	5260	6321	9.25	-0.31	-0.05	A	9961	1620	23.01	0.70	0.12	A	593	10988	4.13	-0.46	-0.08	A	1718	9863	17.34	-0.58	-0.10	A
51	MC	5260	6321	3.50	-0.18	-0.03	A	9961	1620	0.15	-0.05	-0.01	A	593	10988	0.64	-0.17	-0.03	A	1718	9863	0.05	0.03	0.01	A
52	MC	5260	6321	9.41	-0.29	-0.05	A	9961	1620	4.01	0.27	0.06	A	593	10988	8.40	-0.61	-0.11	A	1718	9863	0.11	-0.04	0.00	A
53	MC	10450	12610	5.64	0.16	0.03	A	19847	3213	2.18	0.15	0.03	A	1219	21841	0.15	0.06	0.01	A	3388	19672	21.70	-0.44	-0.08	A
54	ER	3475	4173	54.37		0.13	A	6558	1090	19.68		-0.02	A	398	7250	6.02		0.07	A	1129	6519	23.16		-0.12	A
55	ER	3475	4173	34.05		0.10	A	6558	1090	10.49		0.05	A	398	7250	7.89		0.06	A	1129	6519	11.39		-0.09	A
65	ER	1785	2148	22.46		0.11	A	3403	530	8.38		0.00	A	195	3738	3.52		0.01	A	589	3344	13.49		-0.13	A
66	ER	1785	2148	47.19		0.16	A	3403	530	7.55		0.03	A	195	3738	8.59		-0.05	A	589	3344	11.35		-0.08	A
84	MC	5190	6289	18.46	-0.58	-0.07	A	9886	1593	0.23	0.09	0.01	A	626	10853	20.04	1.50	0.16	C>	1670	9809	0.51	0.12	0.02	A
85	MC	5190	6289	24.39	0.45	0.09	A	9886	1593	2.19	-0.20	-0.04	A	626	10853	6.22	0.50	0.10	A	1670	9809	1.21	-0.15	-0.03	A
86	MC	5190	6289	6.98	0.31	0.04	A	9886	1593	4.19	0.34	0.04	A	626	10853	1.19	0.28	0.04	A	1670	9809	14.25	-0.56	-0.10	A
87	MC	5190	6289	0.74	-0.10	-0.02	A	9886	1593	7.49	0.44	0.06	A	626	10853	0.08	-0.07	-0.01	A	1670	9809	2.10	-0.21	-0.04	A
88	MC	5190	6289	0.17	-0.04	-0.01	A	9886	1593	2.27	-0.20	-0.04	A	626	10853	4.58	0.44	0.09	A	1670	9809	17.23	-0.57	-0.10	A
89	MC	5190	6289	3.79	-0.19	-0.03	A	9886	1593	0.22	-0.06	-0.02	A	626	10853	0.30	0.12	0.02	A	1670	9809	0.50	0.10	0.02	A
90	MC	5190	6289	6.16	0.25	0.04	A	9886	1593	2.17	-0.22	-0.03	A	626	10853	1.54	-0.28	-0.05	A	1670	9809	5.95	-0.35	-0.06	A
91	MC	5190	6289	2.16	0.14	0.03	A	9886	1593	0.24	-0.07	-0.01	A	626	10853	5.97	-0.49	-0.09	A	1670	9809	10.89	-0.45	-0.08	A
92	ER	5190	6289	141.58		0.16	A	9886	1593	6.00		0.00	A	626	10853	1.16		0.01	A	1670	9809	33.24		-0.12	A
93	ER	5190	6289	108.26		0.13	A	9886	1593	14.29		0.04	A	626	10853	5.80		-0.02	A	1670	9809	53.54		-0.13	A

NOTE: MC=Multiple-choice Item, ER=Extended Response Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.20. DIF Statistics based on FRL Students for Items in Writing on Stage III

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
38	MC	9871	1651	5.85	-0.54	-0.07	A
39	MC	9871	1651	12.07	-0.47	-0.09	A
40	MC	19699	3233	1.20	-0.11	-0.01	A
41	MC	19699	3233	0.58	-0.07	-0.01	A
42	MC	19699	3233	0.15	-0.04	-0.01	A
43	MC	19699	3233	6.23	-0.24	-0.04	A
44	MC	19699	3233	0.81	-0.09	-0.02	A
45	MC	9871	1651	18.23	-0.59	-0.11	A
46	MC	9871	1651	0.43	0.09	0.01	A
47	MC	19699	3233	7.75	-0.29	-0.04	A
48	MC	9871	1651	0.01	-0.02	0.00	A
49	MC	19699	3233	0.03	0.02	0.00	A
50	MC	9871	1651	0.77	0.13	0.01	A
51	MC	9871	1651	0.92	-0.13	-0.02	A
52	MC	9871	1651	0.04	0.03	0.00	A
53	MC	19699	3233	5.98	0.24	0.04	A
54	ER	6498	1112	14.27		-0.10	A
55	ER	6498	1112	8.68		-0.07	A
65	ER	3373	539	6.46		-0.08	A
66	ER	3373	539	2.31		-0.05	A
84	MC	9828	1582	3.81	-0.40	-0.06	A
85	MC	9828	1582	0.27	0.07	0.02	A
86	MC	9828	1582	0.02	0.02	0.00	A
87	MC	9828	1582	0.01	-0.01	0.00	A
88	MC	9828	1582	1.74	-0.18	-0.02	A
89	MC	9828	1582	0.17	0.06	0.01	A
90	MC	9828	1582	1.94	-0.20	-0.03	A
91	MC	9828	1582	0.12	-0.05	-0.01	A
92	ER	9828	1582	4.43		0.00	A
93	ER	9828	1582	4.50		0.00	A

NOTE: MC= Multiple-choice Item, ER=Extended Response Item , NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.21. DIF Statistics based on EL Students for Items in Listening on Stage III

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
1	MC	10450	12610	8.64	-0.22	-0.04	A	19847	3213	20.59	-0.51	-0.08	A	1219	21841	2.29	0.26	0.04	A	3388	19672	1.67	-0.13	-0.02	A
2	MC	10450	12610	13.11	-0.25	-0.05	A	19847	3213	6.80	0.26	0.04	A	1219	21841	3.21	0.28	0.05	A	3388	19672	18.98	-0.41	-0.08	A
3	MC	5260	6321	0.11	0.03	0.01	A	9961	1620	5.12	-0.30	-0.06	A	593	10988	4.32	0.43	0.09	A	1718	9863	5.95	0.33	0.06	A
4	MC	5260	6321	0.47	0.07	0.01	A	9961	1620	0.70	-0.12	-0.02	A	593	10988	0.05	-0.05	-0.01	A	1718	9863	0.00	0.00	0.00	A
5	MC	5260	6321	73.29	-0.92	-0.14	A	9961	1620	0.68	-0.13	-0.02	A	593	10988	5.33	0.57	0.09	A	1718	9863	9.90	0.45	0.08	A
6	MC	10450	12610	30.61	-0.36	-0.07	A	19847	3213	82.76	-0.86	-0.16	A	1219	21841	0.77	0.13	0.02	A	3388	19672	0.75	-0.08	-0.02	A
7	MC	5260	6321	0.00	0.00	0.00	A	9961	1620	5.88	-0.32	-0.06	A	593	10988	1.41	-0.26	-0.05	A	1718	9863	0.06	0.03	0.01	A
8	MC	5260	6321	18.63	-0.40	-0.08	A	9961	1620	1.25	-0.15	-0.02	A	593	10988	1.33	-0.24	-0.05	A	1718	9863	3.18	-0.23	-0.05	A
9	MC	10450	12610	2.29	-0.11	-0.02	A	19847	3213	1.64	-0.13	-0.02	A	1219	21841	8.12	0.45	0.08	A	3388	19672	0.35	0.06	0.01	A
10	MC	5260	6321	21.00	-0.47	-0.08	A	9961	1620	1.75	0.20	0.03	A	593	10988	1.07	-0.23	-0.04	A	1718	9863	3.76	-0.27	-0.05	A
11	MC	5260	6321	45.61	-0.68	-0.12	A	9961	1620	8.17	-0.41	-0.06	A	593	10988	0.96	0.22	0.04	A	1718	9863	0.65	-0.12	-0.02	A
12	MC	10450	12610	3.89	0.14	0.02	A	19847	3213	0.04	-0.02	-0.01	A	1219	21841	6.52	-0.39	-0.07	A	3388	19672	0.05	-0.02	0.00	A
13	MC	5260	6321	11.34	-0.32	-0.06	A	9961	1620	7.51	-0.38	-0.06	A	593	10988	1.20	0.24	0.04	A	1718	9863	0.78	-0.12	-0.02	A
14	MC	10450	12610	6.04	-0.17	-0.03	A	19847	3213	2.00	-0.14	-0.02	A	1219	21841	10.28	-0.48	-0.09	A	3388	19672	0.59	0.07	0.01	A
67	MC	5190	6289	2.39	-0.15	-0.03	A	9886	1593	10.64	0.45	0.09	A	626	10853	10.68	-0.70	-0.13	A	1670	9809	3.34	-0.25	-0.04	A
68	MC	5190	6289	4.35	-0.23	-0.04	A	9886	1593	0.11	0.05	0.02	A	626	10853	2.19	-0.34	-0.06	A	1670	9809	0.22	-0.07	-0.01	A
69	MC	5190	6289	84.87	-0.97	-0.15	A	9886	1593	0.05	0.03	0.00	A	626	10853	0.02	-0.03	-0.01	A	1670	9809	1.29	0.16	0.03	A
70	MC	5190	6289	18.15	-0.41	-0.08	A	9886	1593	0.78	0.12	0.03	A	626	10853	0.61	-0.16	-0.03	A	1670	9809	0.06	-0.03	0.00	A
71	MC	5190	6289	13.32	-0.36	-0.06	A	9886	1593	3.08	-0.25	-0.04	A	626	10853	0.00	-0.01	0.00	A	1670	9809	9.96	0.42	0.09	A
72	MC	5190	6289	0.00	0.00	0.00	A	9886	1593	35.67	-0.77	-0.15	A	626	10853	0.06	0.05	0.01	A	1670	9809	0.83	0.12	0.02	A
73	MC	5190	6289	13.85	-0.35	-0.07	A	9886	1593	17.58	-0.58	-0.11	A	626	10853	9.14	0.61	0.12	A	1670	9809	1.91	0.19	0.03	A
74	MC	5190	6289	15.03	-0.37	-0.07	A	9886	1593	10.08	-0.44	-0.08	A	626	10853	6.67	0.54	0.10	A	1670	9809	0.97	0.13	0.02	A

NOTE: MC=Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.22. DIF Statistics based on FRL Students for Items in Listening on Stage III

Item Number	Item Type	Focal Group: FRL (EL)		Reference Group: Non-FRL (EL)		SMD	Flag
		NF	NR	MH χ^2	Δ MH		
1	MC	19699	3233	0.56	0.08	0.02	A
2	MC	19699	3233	0.26	0.05	0.01	A
3	MC	9871	1651	1.81	-0.18	-0.04	A
4	MC	9871	1651	0.02	0.02	0.01	A
5	MC	9871	1651	0.94	-0.15	-0.02	A
6	MC	19699	3233	36.33	-0.57	-0.10	A
7	MC	9871	1651	4.21	-0.27	-0.04	A
8	MC	9871	1651	3.03	-0.24	-0.04	A
9	MC	19699	3233	0.71	0.09	0.02	A
10	MC	9871	1651	3.07	0.26	0.04	A
11	MC	9871	1651	9.48	-0.44	-0.06	A
12	MC	19699	3233	2.70	0.17	0.03	A
13	MC	9871	1651	1.09	-0.14	-0.02	A
14	MC	19699	3233	0.04	0.02	0.01	A
67	MC	9828	1582	0.03	-0.02	0.00	A
68	MC	9828	1582	2.22	0.24	0.04	A
69	MC	9828	1582	1.20	-0.17	-0.03	A
70	MC	9828	1582	0.00	0.01	0.00	A
71	MC	9828	1582	0.19	0.06	0.00	A
72	MC	9828	1582	6.04	-0.32	-0.07	A
73	MC	9828	1582	12.93	-0.49	-0.09	A
74	MC	9828	1582	0.04	0.03	0.00	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.23. DIF Statistics based on EL Students for Items in Speaking on Stage III

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
56	SA4	5260	6321	9.28		-0.04	A	9961	1620	68.21		0.19	B>	593	10988	9.15		-0.10	A	1718	9863	55.45		0.19	B>
57	SA4	10450	12610	62.50		0.01	A	19847	3213	43.45		0.10	A	1219	21841	18.51		-0.08	A	3388	19672	103.37		0.04	A
58	SA4	5260	6321	13.22		-0.05	A	9961	1620	28.68		0.11	A	593	10988	4.37		-0.06	A	1718	9863	70.00		0.03	A
59	SA4	5260	6321	1.70		-0.01	A	9961	1620	18.33		0.08	A	593	10988	0.67		-0.01	A	1718	9863	40.23		0.17	A
60	SA4	5260	6321	10.32		0.01	A	9961	1620	14.46		0.07	A	593	10988	5.48		0.03	A	1718	9863	61.73		0.19	B>
62	SA4	10450	12610	32.77		-0.01	A	19847	3213	24.26		0.07	A	1219	21841	0.32		-0.01	A	3388	19672	75.56		0.15	A
63	SA4	5260	6321	19.70		0.00	A	9961	1620	27.61		0.12	A	593	10988	2.03		-0.01	A	1718	9863	72.52		0.20	B>
64	SA4	5260	6321	17.60		-0.06	A	9961	1620	26.52		0.08	A	593	10988	6.31		-0.06	A	1718	9863	64.64		0.14	A
94	SA4	5190	6289	20.79		-0.07	A	9886	1593	28.43		0.11	A	626	10853	5.60		-0.04	A	1670	9809	21.32		0.08	A
95	SA4	5190	6289	10.50		-0.04	A	9886	1593	21.44		0.10	A	626	10853	6.81		0.00	A	1670	9809	13.58		0.10	A
96	SA4	5190	6289	17.31		0.01	A	9886	1593	8.82		0.06	A	626	10853	6.83		0.03	A	1670	9809	15.20		0.09	A
97	SA4	5190	6289	17.46		-0.07	A	9886	1593	17.84		0.05	A	626	10853	8.65		0.06	A	1670	9809	33.42		0.14	A
99	SA4	5190	6289	24.06		-0.07	A	9886	1593	27.45		0.11	A	626	10853	4.87		0.04	A	1670	9809	70.60		0.22	B>
100	SA4	5190	6289	23.81		-0.07	A	9886	1593	24.74		0.08	A	626	10853	6.52		-0.02	A	1670	9809	22.78		0.08	A

NOTE: SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.24. DIF Statistics based on FRL Students for Items in Speaking on Stage III

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
56	SA4	9871	1651	19.20		0.08	A
57	SA4	19699	3233	15.57		0.06	A
58	SA4	9871	1651	13.12		0.03	A
59	SA4	9871	1651	6.14		0.05	A
60	SA4	9871	1651	2.06		0.02	A
62	SA4	19699	3233	8.41		0.04	A
63	SA4	9871	1651	14.58		0.08	A
64	SA4	9871	1651	10.27		0.05	A
94	SA4	9828	1582	8.45		0.02	A
95	SA4	9828	1582	13.81		0.08	A
96	SA4	9828	1582	8.50		0.03	A
97	SA4	9828	1582	3.92		-0.01	A
99	SA4	9828	1582	2.84		0.04	A
100	SA4	9828	1582	6.72		0.05	A

NOTE: SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.25. DIF Statistics based on EL Students for Items in Reading on Stage IV

Item Number	Item Type	Focal Group: Female Reference Group: Male							Focal Group: Hispanic Reference Group: Non-Hispanic							Focal Group: American Indian Reference Group: Non-American Indian							Focal Group: Special Education Reference Group: Non-Special Education						
		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag	
15	MC	3286	4268	2.27	0.31	0.03	A		6327	1227	48.44	1.66	0.18	C>		553	7001	0.50	0.29	0.03	A		981	6573	3.27	-0.47	-0.07	A	
16	MC	6488	8468	18.32	0.35	0.07	A		12539	2417	1.60	-0.14	-0.03	A		1057	13899	0.30	0.09	0.02	A		1977	12979	30.40	-0.65	-0.13	A	
17	MC	3286	4268	0.54	0.13	0.01	A		6327	1227	0.11	0.08	0.00	A		553	7001	6.79	0.91	0.10	A		981	6573	5.55	-0.52	-0.08	A	
18	MC	6488	8468	4.97	0.27	0.03	A		12539	2417	11.37	0.52	0.05	A		1057	13899	2.61	0.38	0.04	A		1977	12979	3.68	0.30	0.05	A	
19	MC	3286	4268	1.81	0.16	0.03	A		6327	1227	6.41	-0.39	-0.07	A		553	7001	1.60	-0.29	-0.05	A		981	6573	0.29	0.09	0.02	A	
20	MC	6488	8468	74.86	0.78	0.13	A		12539	2417	3.13	0.21	0.04	A		1057	13899	0.00	0.01	0.00	A		1977	12979	0.93	-0.12	-0.02	A	
21	MC	6488	8468	85.05	0.85	0.13	A		12539	2417	0.79	0.11	0.01	A		1057	13899	1.82	-0.23	-0.04	A		1977	12979	4.60	-0.28	-0.05	A	
22	MC	3286	4268	20.28	0.52	0.10	A		6327	1227	14.78	0.61	0.12	A		553	7001	0.37	-0.13	-0.03	A		981	6573	0.84	-0.16	-0.03	A	
23	MC	3286	4268	16.11	-0.59	-0.08	A		6327	1227	2.31	0.30	0.04	A		553	7001	10.59	0.95	0.12	A		981	6573	1.63	0.26	0.04	A	
24	MC	6488	8468	3.59	0.16	0.03	A		12539	2417	3.25	0.20	0.03	A		1057	13899	6.04	-0.38	-0.08	A		1977	12979	5.14	-0.28	-0.05	A	
25	MC	6488	8468	4.68	0.18	0.03	A		12539	2417	0.50	-0.08	-0.02	A		1057	13899	8.05	-0.45	-0.09	A		1977	12979	1.58	-0.16	-0.03	A	
26	MC	3286	4268	0.97	-0.12	-0.02	A		6327	1227	8.00	0.46	0.07	A		553	7001	0.01	0.02	0.01	A		981	6573	0.21	-0.08	-0.02	A	
27	MC	3286	4268	7.03	-0.32	-0.06	A		6327	1227	0.43	0.11	0.01	A		553	7001	0.16	0.09	0.02	A		981	6573	4.68	-0.41	-0.07	A	
28	MC	3286	4268	20.66	0.54	0.10	A		6327	1227	6.17	-0.41	-0.08	A		553	7001	1.71	-0.29	-0.05	A		981	6573	2.42	-0.27	-0.05	A	
29	MC	3286	4268	4.70	0.27	0.05	A		6327	1227	1.85	0.22	0.04	A		553	7001	1.79	-0.30	-0.06	A		981	6573	1.08	-0.18	-0.03	A	
30	MC	6488	8468	66.39	-0.71	-0.12	A		12539	2417	6.15	0.29	0.05	A		1057	13899	0.26	0.09	0.02	A		1977	12979	1.32	-0.14	-0.03	A	
31	MC	3286	4268	2.26	0.18	0.03	A		6327	1227	1.96	-0.22	-0.04	A		553	7001	0.01	-0.02	0.00	A		981	6573	0.63	0.14	0.03	A	
32	MC	6488	8468	7.61	-0.23	-0.04	A		12539	2417	6.37	0.28	0.04	A		1057	13899	18.47	0.69	0.13	A		1977	12979	7.92	0.34	0.07	A	
33	MC	6488	8468	66.47	0.67	0.13	A		12539	2417	4.02	-0.23	-0.05	A		1057	13899	4.61	-0.34	-0.06	A		1977	12979	13.00	-0.43	-0.09	A	
34	MC	3286	4268	0.64	-0.10	-0.02	A		6327	1227	17.13	-0.70	-0.11	A		553	7001	0.43	0.15	0.03	A		981	6573	1.66	-0.23	-0.04	A	
35	MC	3286	4268	9.04	-0.36	-0.06	A		6327	1227	4.94	-0.36	-0.07	A		553	7001	0.02	0.03	0.01	A		981	6573	0.13	0.06	0.01	A	
36	MC	3286	4268	18.57	-0.53	-0.10	A		6327	1227	4.44	-0.35	-0.06	A		553	7001	0.02	-0.03	-0.01	A		981	6573	4.17	0.37	0.07	A	
37	MC	3286	4268	5.93	-0.28	-0.06	A		6327	1227	5.09	0.35	0.07	A		553	7001	3.22	-0.40	-0.08	A		981	6573	3.48	-0.33	-0.06	A	
38	MC	3286	4268	0.18	0.05	0.01	A		6327	1227	0.41	-0.10	-0.03	A		553	7001	0.35	-0.13	-0.02	A		981	6573	0.13	0.06	0.01	A	
39	MC	3286	4268	0.26	0.06	0.01	A		6327	1227	0.22	-0.08	-0.02	A		553	7001	0.33	0.13	0.02	A		981	6573	0.21	0.09	0.02	A	
40	MC	6488	8468	0.92	0.08	0.02	A		12539	2417	0.29	-0.06	-0.01	A		1057	13899	10.19	-0.51	-0.10	A		1977	12979	6.39	-0.31	-0.06	A	
67	SA1	3286	4268	26.25	-0.62	-0.11	A		6327	1227	8.26	0.48	0.08	A		553	7001	0.06	-0.06	-0.01	A		981	6573	4.34	-0.38	-0.06	A	
68	SA1	3286	4268	6.77	-0.32	-0.05	A		6327	1227	3.50	0.32	0.05	A		553	7001	0.00	0.00	0.00	A		981	6573	0.26	0.10	0.02	A	
82	MC	3202	4200	20.19	0.52	0.10	A		6212	1190	0.63	0.12	0.02	A		504	6898	7.47	0.61	0.12	A		996	6406	9.40	0.51	0.10	A	
83	MC	3202	4200	1.06	0.22	0.02	A		6212	1190	10.04	0.83	0.07	A		504	6898	10.71	1.77	0.12	C>		996	6406	30.36	1.64	0.20	C>	
84	MC	3202	4200	10.81	-0.42	-0.08	A		6212	1190	22.31	0.86	0.15	A		504	6898	9.09	-0.80	-0.13	A		996	6406	8.02	-0.57	-0.08	A	
85	MC	3202	4200	25.76	0.71	0.10	A		6212	1190	0.15	0.07	0.01	A		504	6898	0.05	-0.06	-0.01	A		996	6406	0.47	0.13	0.02	A	
86	MC	3202	4200	24.80	-0.64	-0.11	A		6212	1190	0.15	-0.07	-0.02	A		504	6898	0.01	-0.03	0.00	A		996	6406	3.60	-0.38	-0.06	A	
87	MC	3202	4200	0.01	0.01	0.00	A		6212	1190	4.25	-0.36	-0.08	A		504	6898	8.85	0.77	0.13	A		996	6406	0.04	-0.04	-0.01	A	
88	MC	3202	4200	0.14	0.05	0.01	A		6212	1190	18.72	-0.74	-0.13	A		504	6898	0.20	0.11	0.02	A		996	6406	2.73	-0.31	-0.05	A	
89	MC	3202	4200	25.12	0.58	0.11	A		6212	1190	1.21	0.17	0.04	A		504	6898	0.03	0.04	0.01	A		996	6406	15.22	0.65	0.13	A	
90	MC	3202	4200	39.63	-0.76	-0.14	A		6212	1190	1.02	-0.16	-0.04	A		504	6898	0.82	0.20	0.04	A		996	6406	0.35	-0.11	-0.02	A	
91	MC	3202	4200	28.26	-0.61	-0.13	A		6212	1190	4.17	0.32	0.05	A		504	6898	1.77	-0.30	-0.06	A		996	6406	3.11	-0.30	-0.06	A	
92	MC	3202	4200	0.13	0.05	0.01	A		6212	1190	1.83	0.23	0.04	A		504	6898	0.01	0.02	0.00	A		996	6406	10.99	0.58	0.10	A	
93	MC	3202	4200	0.93	0.12	0.02	A		6212	1190	24.00	-0.82	-0.14	A		504	6898	5.85	0.57	0.10	A		996	6406	2.45	0.28	0.05	A	
94	MC	3202	4200	0.44	-0.08	-0.02	A		6212	1190	1.35	0.18	0.03	A		504	6898	0.42	-0.15	-0.03	A		996	6406	3.65	-0.33	-0.07	A	
95	MC	3202	4200	5.78	-0.28	-0.05	A		6212	1190	5.45	0.38	0.06	A		504	6898	0.35	-0.13	-0.03	A		996	6406	0.34	0.10	0.02	A	
96	MC	3202	4200	18.74	-0.54	-0.10	A		6212	1190	4.37	-0.36	-0.06	A		504	6898	0.38	-0.15	-0.03	A		996	6406	0.06	0.05	0.01	A	
97	MC	3202	4200	0.74	0.10	0.02	A		6212	1190	3.96	0.32	0.06	A		504	6898	0.27	-0.12	-0.02	A		996	6406	0.87	0.16	0.03	A	
111	SA1	3202	4200	2.65	-0.21	-0.04	A		6212	1190	0.01	-0.02	-0.01	A		504	6898	0.74	0.21	0.04	A		996	6406	10.81	-0.67	-0.10	A	
112	SA1	3202	4200	31.54	-0.69	-0.13	A		6212	1190	0.34	0.10	0.01	A		504	6898	1.48	-0.29	-0.05	A		996	6406	13.52	-0.72	-0.11	A	

NOTE: MC=Multiple-choice Item, SA1=1 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.26. DIF Statistics based on FRL Students for Items in Reading on Stage IV

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
15	MC	6389	1121	0.49	-0.21	-0.02	A
16	MC	12585	2275	0.47	-0.08	-0.01	A
17	MC	6389	1121	0.54	0.19	0.03	A
18	MC	12585	2275	3.80	-0.35	-0.05	A
19	MC	6389	1121	0.11	-0.05	-0.02	A
20	MC	12585	2275	0.18	-0.05	-0.01	A
21	MC	12585	2275	0.05	0.03	0.00	A
22	MC	6389	1121	1.08	0.17	0.03	A
23	MC	6389	1121	0.75	-0.19	-0.02	A
24	MC	12585	2275	8.30	-0.33	-0.06	A
25	MC	12585	2275	0.14	0.04	0.01	A
26	MC	6389	1121	2.20	-0.25	-0.04	A
27	MC	6389	1121	1.48	-0.20	-0.03	A
28	MC	6389	1121	1.48	-0.21	-0.03	A
29	MC	6389	1121	1.38	0.20	0.03	A
30	MC	12585	2275	0.62	-0.10	-0.01	A
31	MC	6389	1121	0.09	-0.05	0.00	A
32	MC	12585	2275	1.04	-0.12	-0.02	A
33	MC	12585	2275	0.00	0.00	0.00	A
34	MC	6389	1121	0.88	-0.16	-0.02	A
35	MC	6389	1121	0.74	0.15	0.04	A
36	MC	6389	1121	0.45	-0.11	-0.02	A
37	MC	6389	1121	0.02	0.02	0.00	A
38	MC	6389	1121	0.13	-0.06	0.00	A
39	MC	6389	1121	1.46	-0.20	-0.03	A
40	MC	12585	2275	0.41	0.07	0.01	A
67	SA1	6389	1121	0.22	0.08	0.02	A
68	SA1	6389	1121	0.54	-0.13	-0.02	A
82	MC	6196	1154	0.73	-0.14	-0.02	A
83	MC	6196	1154	3.24	-0.61	-0.06	A
84	MC	6196	1154	2.33	-0.26	-0.03	A
85	MC	6196	1154	0.01	-0.02	-0.02	A
86	MC	6196	1154	0.55	-0.13	-0.02	A
87	MC	6196	1154	9.25	-0.54	-0.10	A
88	MC	6196	1154	0.46	-0.12	-0.01	A
89	MC	6196	1154	2.65	0.25	0.04	A
90	MC	6196	1154	0.00	0.00	0.01	A
91	MC	6196	1154	0.01	0.01	0.01	A
92	MC	6196	1154	1.53	-0.21	-0.04	A
93	MC	6196	1154	2.77	-0.28	-0.06	A
94	MC	6196	1154	1.55	-0.19	-0.03	A
95	MC	6196	1154	5.34	-0.37	-0.06	A
96	MC	6196	1154	0.00	0.01	0.00	A
97	MC	6196	1154	0.05	-0.03	0.00	A
111	SA1	6196	1154	7.02	-0.45	-0.07	A
112	SA1	6196	1154	0.71	-0.14	-0.02	A

NOTE: MC= Multiple-choice Item, SA1=1 Point Short Answer Item , NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.27. DIF Statistics based on EL Students for Items in Writing on Stage IV

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
41	MC	6488	8468	8.29	0.25	0.05	A	12539	2417	41.08	-0.79	-0.13	A	1057	13899	32.70	1.03	0.17	B>	1977	12979	6.23	0.32	0.06	A
42	MC	6488	8468	2.05	0.12	0.02	A	12539	2417	32.57	0.64	0.13	A	1057	13899	1.61	-0.20	-0.04	A	1977	12979	3.04	-0.22	-0.04	A
43	MC	3286	4268	5.11	0.26	0.05	A	6327	1227	31.61	0.90	0.17	A	553	7001	1.12	-0.24	-0.04	A	981	6573	16.82	-0.74	-0.13	A
44	MC	6488	8468	186.04	1.15	0.21	B>	12539	2417	1.43	-0.14	-0.04	A	1057	13899	6.30	0.41	0.08	A	1977	12979	9.64	-0.39	-0.07	A
45	MC	6488	8468	92.51	0.83	0.14	A	12539	2417	0.06	0.03	0.00	A	1057	13899	3.17	-0.29	-0.05	A	1977	12979	17.95	-0.54	-0.09	A
46	MC	3286	4268	50.66	-1.01	-0.14	B<	6327	1227	2.10	-0.27	-0.03	A	553	7001	21.73	1.45	0.18	B>	981	6573	7.83	0.57	0.09	A
47	MC	3286	4268	3.53	-0.22	-0.04	A	6327	1227	4.83	-0.35	-0.07	A	553	7001	8.06	0.63	0.12	A	981	6573	0.44	-0.12	-0.02	A
48	MC	6488	8468	0.00	0.01	0.00	A	12539	2417	2.98	0.19	0.04	A	1057	13899	10.18	-0.50	-0.10	A	1977	12979	21.53	-0.56	-0.10	A
49	MC	3286	4268	10.02	0.38	0.07	A	6327	1227	1.03	-0.17	-0.03	A	553	7001	0.04	0.05	0.01	A	981	6573	0.05	-0.04	-0.01	A
50	MC	3286	4268	2.24	0.18	0.03	A	6327	1227	2.34	0.24	0.05	A	553	7001	0.02	-0.03	-0.01	A	981	6573	0.05	-0.04	-0.01	A
51	MC	6488	8468	4.01	-0.16	-0.03	A	12539	2417	10.26	0.36	0.07	A	1057	13899	0.09	-0.05	-0.01	A	1977	12979	0.26	0.06	0.01	A
52	MC	6488	8468	0.44	-0.06	-0.01	A	12539	2417	5.56	0.31	0.04	A	1057	13899	0.82	0.17	0.02	A	1977	12979	0.30	-0.08	-0.01	A
53	MC	3286	4268	8.16	0.35	0.06	A	6327	1227	3.73	-0.33	-0.06	A	553	7001	0.65	0.20	0.03	A	981	6573	0.70	0.15	0.03	A
54	MC	6488	8468	19.86	-0.38	-0.07	A	12539	2417	9.56	-0.35	-0.07	A	1057	13899	6.29	0.40	0.08	A	1977	12979	8.18	0.35	0.07	A
55	MC	6488	8468	32.18	-0.46	-0.09	A	12539	2417	6.58	-0.28	-0.05	A	1057	13899	4.40	0.33	0.06	A	1977	12979	15.81	0.48	0.09	A
56	MC	3286	4268	0.06	0.03	0.01	A	6327	1227	5.62	-0.40	-0.06	A	553	7001	3.26	-0.44	-0.08	A	981	6573	0.01	-0.02	0.00	A
57	MC	3286	4268	0.77	-0.11	-0.02	A	6327	1227	29.10	-0.85	-0.17	A	553	7001	1.59	0.28	0.06	A	981	6573	4.57	0.38	0.07	A
58	MC	6488	8468	36.85	0.53	0.09	A	12539	2417	2.08	-0.17	-0.03	A	1057	13899	0.03	0.03	0.01	A	1977	12979	0.23	-0.06	-0.01	A
59	ER	2159	2827	77.39		0.19	B>	4183	803	13.37		-0.01	A	345	4641	2.24		0.02	A	642	4344	30.17		-0.10	A
60	ER	2159	2827	106.39		0.23	B>	4183	803	26.83		-0.06	A	345	4641	3.79		0.00	A	642	4344	44.47		-0.10	A
71	ER	1127	1441	37.13		0.14	A	2144	424	8.54		0.06	A	208	2360	6.20		0.08	A	339	2229	7.61		-0.06	A
72	ER	1127	1441	29.95		0.14	A	2144	424	8.50		-0.02	A	208	2360	13.30		0.12	A	339	2229	11.16		-0.08	A
98	MC	3202	4200	0.02	-0.02	0.00	A	6212	1190	0.02	-0.02	-0.01	A	504	6898	0.99	0.22	0.04	A	996	6406	3.73	-0.33	-0.06	A
99	MC	3202	4200	1.51	0.17	0.02	A	6212	1190	1.56	-0.23	-0.04	A	504	6898	0.00	0.01	0.00	A	996	6406	0.16	0.07	0.01	A
100	MC	3202	4200	0.88	0.11	0.02	A	6212	1190	33.50	-0.90	-0.19	A	504	6898	2.92	-0.39	-0.08	A	996	6406	5.47	-0.41	-0.07	A
101	MC	3202	4200	5.17	0.27	0.05	A	6212	1190	0.00	0.00	-0.01	A	504	6898	1.35	0.28	0.05	A	996	6406	0.07	-0.05	-0.01	A
102	MC	3202	4200	2.76	0.25	0.03	A	6212	1190	9.20	0.59	0.08	A	504	6898	1.86	0.41	0.05	A	996	6406	0.76	0.18	0.03	A
103	MC	3202	4200	3.22	-0.24	-0.04	A	6212	1190	17.63	0.74	0.11	A	504	6898	1.51	-0.33	-0.05	A	996	6406	0.61	-0.14	-0.03	A
104	MC	3202	4200	0.07	-0.03	-0.01	A	6212	1190	1.93	0.22	0.05	A	504	6898	5.75	-0.56	-0.10	A	996	6406	14.08	-0.65	-0.12	A
105	MC	3202	4200	4.51	-0.24	-0.05	A	6212	1190	0.23	-0.08	-0.02	A	504	6898	0.78	-0.20	-0.04	A	996	6406	0.15	-0.07	-0.01	A
106	ER	3202	4200	102.12		0.19	B>	6212	1190	43.18		-0.02	A	504	6898	13.75		0.11	A	996	6406	20.33		-0.12	A
107	ER	3202	4200	192.03		0.26	C>	6212	1190	36.71		-0.08	A	504	6898	3.32		0.05	A	996	6406	30.50		-0.12	A

NOTE: MC=Multiple-choice Item, ER=Extended Response Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.28. DIF Statistics based on FRL Students for Items in Writing on Stage IV

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					Flag
		NF	NR	MH χ^2	Δ MH	SMD	
41	MC	12585	2275	3.85	-0.25	-0.04	A
42	MC	12585	2275	9.63	0.36	0.07	A
43	MC	6389	1121	0.02	-0.02	-0.01	A
44	MC	12585	2275	12.35	-0.41	-0.07	A
45	MC	12585	2275	2.77	-0.20	-0.03	A
46	MC	6389	1121	0.23	-0.10	-0.01	A
47	MC	6389	1121	11.78	-0.55	-0.11	A
48	MC	12585	2275	3.87	-0.23	-0.04	A
49	MC	6389	1121	0.01	0.01	0.00	A
50	MC	6389	1121	2.77	0.28	0.04	A
51	MC	12585	2275	0.00	0.00	0.00	A
52	MC	12585	2275	0.13	-0.05	0.00	A
53	MC	6389	1121	0.38	0.11	0.02	A
54	MC	12585	2275	9.93	-0.36	-0.07	A
55	MC	12585	2275	0.29	-0.06	-0.01	A
56	MC	6389	1121	0.00	0.01	0.01	A
57	MC	6389	1121	14.44	-0.63	-0.11	A
58	MC	12585	2275	0.00	0.01	0.00	A
59	ER	4213	744	8.13		-0.02	A
60	ER	4213	744	16.14		-0.04	A
71	ER	2176	377	8.44		-0.01	A
72	ER	2176	377	15.25		-0.06	A
98	MC	6196	1154	0.99	0.16	0.04	A
99	MC	6196	1154	1.32	0.22	0.04	A
100	MC	6196	1154	0.10	0.05	0.01	A
101	MC	6196	1154	2.91	0.28	0.05	A
102	MC	6196	1154	0.00	-0.01	0.00	A
103	MC	6196	1154	3.30	-0.35	-0.04	A
104	MC	6196	1154	0.76	-0.14	-0.02	A
105	MC	6196	1154	6.97	-0.41	-0.08	A
106	ER	6196	1154	8.78		-0.05	A
107	ER	6196	1154	22.24		-0.06	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.29. DIF Statistics based on EL Students for Items in Listening on Stage IV

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
1	MC	6488	8468	0.49	-0.07	-0.01	A	12539	2417	3.21	0.24	0.04	A	1057	13899	5.34	0.47	0.07	A	1977	12979	2.65	0.23	0.04	A
2	MC	3286	4268	3.83	-0.27	-0.04	A	6327	1227	1.80	0.25	0.03	A	553	7001	1.01	-0.26	-0.04	A	981	6573	12.77	-0.67	-0.12	A
3	MC	3286	4268	7.25	-0.31	-0.06	A	6327	1227	12.65	-0.55	-0.11	A	553	7001	10.55	0.70	0.14	A	981	6573	21.06	0.79	0.15	A
4	MC	6488	8468	0.41	-0.05	-0.01	A	12539	2417	6.15	0.27	0.06	A	1057	13899	11.29	-0.52	-0.10	A	1977	12979	0.55	0.09	0.02	A
5	MC	3286	4268	0.10	0.04	0.01	A	6327	1227	36.23	-0.97	-0.18	A	553	7001	2.59	0.35	0.07	A	981	6573	0.39	-0.11	-0.02	A
6	MC	6488	8468	0.08	0.03	0.00	A	12539	2417	0.57	-0.09	-0.01	A	1057	13899	0.15	-0.07	-0.01	A	1977	12979	2.53	0.20	0.04	A
7	MC	3286	4268	3.65	-0.24	-0.04	A	6327	1227	8.69	0.48	0.08	A	553	7001	2.05	-0.34	-0.06	A	981	6573	2.42	0.28	0.06	A
8	MC	3286	4268	4.90	0.38	0.05	A	6327	1227	0.05	0.05	0.01	A	553	7001	0.11	-0.10	-0.01	A	981	6573	4.71	-0.48	-0.08	A
9	MC	3286	4268	21.69	0.53	0.10	A	6327	1227	0.16	-0.06	-0.02	A	553	7001	0.01	0.02	0.00	A	981	6573	0.23	-0.08	-0.01	A
10	MC	3286	4268	7.88	-0.34	-0.06	A	6327	1227	16.16	-0.64	-0.13	A	553	7001	0.39	0.14	0.03	A	981	6573	1.61	-0.22	-0.04	A
11	MC	3286	4268	9.21	-0.43	-0.06	A	6327	1227	16.16	-0.78	-0.10	A	553	7001	0.00	0.01	0.00	A	981	6573	1.44	0.23	0.04	A
12	MC	6488	8468	2.48	-0.13	-0.02	A	12539	2417	2.13	-0.16	-0.02	A	1057	13899	0.04	0.03	0.01	A	1977	12979	1.06	0.12	0.03	A
13	MC	3286	4268	38.78	-0.74	-0.13	A	6327	1227	0.16	0.06	0.01	A	553	7001	3.64	-0.41	-0.08	A	981	6573	2.59	-0.28	-0.05	A
14	MC	6488	8468	96.68	-0.83	-0.15	A	12539	2417	33.19	0.68	0.12	A	1057	13899	1.87	-0.22	-0.04	A	1977	12979	16.27	0.49	0.09	A
73	MC	3202	4200	0.34	-0.08	-0.01	A	6212	1190	4.81	-0.41	-0.06	A	504	6898	0.96	0.26	0.04	A	996	6406	0.32	-0.10	-0.02	A
74	MC	3202	4200	1.98	-0.23	-0.03	A	6212	1190	5.58	0.51	0.05	A	504	6898	5.45	0.83	0.09	A	996	6406	18.65	0.97	0.16	A
75	MC	3202	4200	6.21	-0.34	-0.05	A	6212	1190	10.29	0.58	0.08	A	504	6898	2.33	0.41	0.06	A	996	6406	0.62	0.14	0.03	A
76	MC	3202	4200	7.97	-0.33	-0.06	A	6212	1190	1.49	0.20	0.03	A	504	6898	1.20	0.25	0.05	A	996	6406	0.01	0.02	0.00	A
77	MC	3202	4200	1.06	-0.15	-0.02	A	6212	1190	2.28	-0.30	-0.04	A	504	6898	1.35	-0.34	-0.05	A	996	6406	3.65	-0.37	-0.06	A
78	MC	3202	4200	3.71	0.23	0.04	A	6212	1190	1.37	-0.19	-0.03	A	504	6898	8.43	-0.68	-0.13	A	996	6406	3.44	-0.33	-0.06	A
79	MC	3202	4200	35.09	-0.69	-0.13	A	6212	1190	4.89	0.34	0.07	A	504	6898	0.83	-0.20	-0.04	A	996	6406	6.69	0.43	0.09	A
80	MC	3202	4200	0.02	0.02	0.00	A	6212	1190	0.71	0.15	0.02	A	504	6898	2.85	-0.41	-0.07	A	996	6406	1.97	-0.25	-0.05	A
81	MC	3202	4200	8.34	-0.34	-0.06	A	6212	1190	0.18	0.07	0.02	A	504	6898	1.33	0.27	0.05	A	996	6406	0.62	0.13	0.03	A

NOTE: MC=Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.30. DIF Statistics based on FRL Students for Items in Listening on Stage IV

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					Flag
		NF	NR	MH χ^2	Δ MH	SMD	
1	MC	12585	2275	0.02	0.02	0.00	A
2	MC	6389	1121	0.00	0.00	0.00	A
3	MC	6389	1121	3.95	-0.32	-0.06	A
4	MC	12585	2275	1.83	-0.15	-0.03	A
5	MC	6389	1121	8.86	-0.50	-0.09	A
6	MC	12585	2275	0.02	0.02	0.00	A
7	MC	6389	1121	0.80	0.16	0.03	A
8	MC	6389	1121	0.07	0.06	0.01	A
9	MC	6389	1121	0.69	-0.13	-0.02	A
10	MC	6389	1121	6.01	-0.41	-0.07	A
11	MC	6389	1121	4.10	-0.42	-0.06	A
12	MC	12585	2275	0.05	0.03	0.01	A
13	MC	6389	1121	1.50	0.21	0.05	A
14	MC	12585	2275	0.25	-0.06	-0.01	A
73	MC	6196	1154	0.97	-0.19	-0.03	A
74	MC	6196	1154	0.65	-0.19	-0.04	A
75	MC	6196	1154	0.05	-0.04	-0.01	A
76	MC	6196	1154	0.06	-0.04	0.00	A
77	MC	6196	1154	0.07	-0.06	-0.01	A
78	MC	6196	1154	3.32	0.30	0.05	A
79	MC	6196	1154	0.39	-0.10	-0.02	A
80	MC	6196	1154	0.39	-0.12	-0.01	A
81	MC	6196	1154	0.04	-0.03	-0.01	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.31. DIF Statistics based on EL Students for Items in Speaking on Stage IV

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
61	SA4	6488	8468	25.45		0.02	A	12539	2417	28.61		0.06	A	1057	13899	1.33		-0.03	A	1977	12979	32.56		0.11	A
62	SA4	6488	8468	7.56		-0.02	A	12539	2417	2.67		0.00	A	1057	13899	2.22		-0.01	A	1977	12979	32.77		0.12	A
63	SA4	6488	8468	54.66		-0.08	A	12539	2417	38.06		0.10	A	1057	13899	2.30		0.00	A	1977	12979	32.98		0.06	A
64	SA4	3286	4268	14.45		-0.05	A	6327	1227	30.50		0.10	A	553	7001	1.38		0.02	A	981	6573	23.19		0.14	A
65	SA4	3286	4268	5.78		-0.03	A	6327	1227	9.97		-0.01	A	553	7001	4.17		0.03	A	981	6573	12.03		0.08	A
66	SA4	3286	4268	10.00		-0.01	A	6327	1227	0.45		0.01	A	553	7001	1.76		-0.02	A	981	6573	21.98		-0.02	A
69	SA4	3286	4268	42.97		-0.05	A	6327	1227	5.31		-0.01	A	553	7001	0.32		0.01	A	981	6573	9.65		0.06	A
70	SA4	3286	4268	27.46		-0.05	A	6327	1227	7.33		0.00	A	553	7001	9.96		-0.01	A	981	6573	37.22		0.09	A
108	SA4	3202	4200	17.78		0.05	A	6212	1190	50.23		0.12	A	504	6898	4.05		-0.06	A	996	6406	6.18		0.05	A
109	SA4	3202	4200	14.92		-0.05	A	6212	1190	0.99		0.01	A	504	6898	3.06		0.04	A	996	6406	8.68		0.08	A
110	SA4	3202	4200	29.95		-0.10	A	6212	1190	2.31		0.02	A	504	6898	4.52		0.04	A	996	6406	35.76		0.19	B>
113	SA4	3202	4200	6.89		-0.03	A	6212	1190	16.75		0.03	A	504	6898	4.07		-0.07	A	996	6406	36.15		0.20	B>
114	SA4	3202	4200	8.50		-0.05	A	6212	1190	29.96		-0.02	A	504	6898	10.06		0.04	A	996	6406	34.77		0.15	A

NOTE: SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.32. DIF Statistics based on FRL Students for Items in Speaking on Stage IV

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
61	SA4	12585	2275	7.67		0.02	A
62	SA4	12585	2275	8.84		0.02	A
63	SA4	12585	2275	6.05		0.01	A
64	SA4	6389	1121	6.84		0.01	A
65	SA4	6389	1121	2.70		-0.03	A
66	SA4	6389	1121	4.01		0.01	A
69	SA4	6389	1121	1.71		0.02	A
70	SA4	6389	1121	9.64		0.00	A
108	SA4	6196	1154	14.04		0.05	A
109	SA4	6196	1154	1.12		0.00	A
110	SA4	6196	1154	3.57		-0.03	A
113	SA4	6196	1154	1.37		0.02	A
114	SA4	6196	1154	6.41		-0.02	A

NOTE: SA4=4 Point Short Answer Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.33. DIF Statistics based on EL Students for Items in Reading on Stage V

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
15	MC	2788	3541	15.53	-0.48	-0.1	A	4836	1493	0.06	-0.03	-0.01	A	304	6025	7.77	0.84	0.16	A	445	5884	5.28	0.56	0.11	A
16	MC	4667	5921	8.63	0.38	0.05	A	8111	2477	6.53	0.37	0.05	A	500	10088	5.91	0.8	0.1	A	761	9827	8.73	-0.64	-0.12	A
17	MC	4667	5921	11.33	-0.42	-0.06	A	8111	2477	0.22	0.07	0.01	A	500	10088	20	1.42	0.18	B>	761	9827	8.25	0.62	0.11	A
18	MC	2788	3541	5.5	-0.3	-0.05	A	4836	1493	2.61	-0.24	-0.05	A	304	6025	6.42	-0.74	-0.14	A	445	5884	5.52	-0.58	-0.11	A
19	MC	2788	3541	4.6	-0.28	-0.05	A	4836	1493	1.28	-0.17	-0.03	A	304	6025	6.4	0.75	0.14	A	445	5884	10.76	-0.9	-0.15	A
20	MC	4667	5921	1.08	-0.2	-0.02	A	8111	2477	22.23	0.98	0.1	A	500	10088	3.45	0.96	0.07	A	761	9827	0.02	0.04	0.01	A
21	MC	2788	3541	3.2	-0.22	-0.04	A	4836	1493	1.24	-0.16	-0.03	A	304	6025	11.58	0.99	0.19	A	445	5884	0.26	0.12	0.02	A
22	MC	2788	3541	0.11	-0.04	-0.01	A	4836	1493	1.16	0.16	0.03	A	304	6025	0.1	-0.1	-0.02	A	445	5884	2.49	-0.41	-0.07	A
23	MC	4667	5921	15.31	0.4	0.07	A	8111	2477	5.76	0.29	0.05	A	500	10088	2.12	0.34	0.06	A	761	9827	4.59	-0.45	-0.08	A
24	MC	4667	5921	36.17	0.58	0.11	A	8111	2477	0.04	-0.02	-0.01	A	500	10088	4.92	0.5	0.1	A	761	9827	0	-0.01	0	A
25	MC	4667	5921	10.02	0.32	0.06	A	8111	2477	20.18	-0.53	-0.09	A	500	10088	2.36	-0.36	-0.07	A	761	9827	5.97	-0.47	-0.09	A
26	MC	2788	3541	5.14	0.29	0.05	A	4836	1493	21	0.68	0.13	A	304	6025	1.09	-0.31	-0.06	A	445	5884	1.02	-0.25	-0.05	A
27	MC	4667	5921	6.2	0.24	0.05	A	8111	2477	105.73	1.16	0.23	B>	500	10088	1.34	-0.26	-0.05	A	761	9827	11.63	-0.62	-0.13	A
28	MC	2788	3541	36.68	1.11	0.12	B>	4836	1493	0.06	0.05	0.01	A	304	6025	0.01	0.04	0.01	A	445	5884	10.82	-0.95	-0.16	A
29	MC	2788	3541	10.67	0.43	0.07	A	4836	1493	322.76	2.54	0.52	C>	304	6025	26.34	-1.49	-0.29	B<	445	5884	36.52	-1.46	-0.3	B<
30	MC	2788	3541	3.75	0.24	0.05	A	4836	1493	7.52	0.41	0.08	A	304	6025	1.3	0.33	0.06	A	445	5884	0.2	0.11	0.02	A
31	MC	2788	3541	30	0.8	0.12	A	4836	1493	0.01	0.02	0	A	304	6025	5.29	-0.72	-0.13	A	445	5884	29.86	-1.36	-0.27	B<
32	MC	4667	5921	31.8	0.68	0.09	A	8111	2477	0.93	-0.14	-0.02	A	500	10088	2.93	-0.46	-0.07	A	761	9827	45.26	-1.34	-0.26	B<
33	MC	2788	3541	4.56	-0.27	-0.05	A	4836	1493	13.77	0.56	0.11	A	304	6025	4.2	0.6	0.11	A	445	5884	4.34	0.52	0.1	A
34	MC	2788	3541	3.06	-0.24	-0.04	A	4836	1493	8.41	0.43	0.08	A	304	6025	17.56	1.34	0.22	B>	445	5884	11.1	0.85	0.16	A
35	MC	4667	5921	3.4	-0.18	-0.04	A	8111	2477	17.98	-0.48	-0.1	A	500	10088	9.95	-0.75	-0.14	A	761	9827	19.99	-0.92	-0.16	A
36	MC	2788	3541	4.82	0.33	0.05	A	4836	1493	17.68	-0.75	-0.11	A	304	6025	4.4	-0.66	-0.11	A	445	5884	0.54	-0.19	-0.04	A
37	MC	4667	5921	4.63	0.22	0.04	A	8111	2477	2.49	-0.19	-0.04	A	500	10088	3.51	-0.44	-0.08	A	761	9827	8.69	-0.59	-0.1	A
38	MC	2788	3541	4.96	0.29	0.05	A	4836	1493	2.55	0.24	0.04	A	304	6025	1.16	0.32	0.06	A	445	5884	31.79	-1.4	-0.27	B<
39	MC	2788	3541	11.93	0.44	0.08	A	4836	1493	28.86	-0.8	-0.15	A	304	6025	2.31	-0.45	-0.08	A	445	5884	5.4	-0.59	-0.11	A
40	MC	2788	3541	16	0.5	0.09	A	4836	1493	4.49	0.31	0.06	A	304	6025	0.01	0.03	0.01	A	445	5884	0.33	-0.14	-0.03	A
41	MC	2788	3541	38.33	-0.81	-0.16	A	4836	1493	2.23	0.23	0.04	A	304	6025	1.34	-0.36	-0.07	A	445	5884	0.62	-0.21	-0.04	A
42	MC	2788	3541	2.09	0.19	0.03	A	4836	1493	27.27	0.84	0.14	A	304	6025	18.84	-1.32	-0.23	B<	445	5884	0	-0.01	0	A
81	MC	1879	2380	7.55	0.53	0.08	A	3275	984	11.74	0.74	0.12	A	196	4063	0.18	0.2	0.03	A	316	3943	1.14	-0.35	-0.06	A
82	MC	1879	2380	0.36	0.09	0.02	A	3275	984	0.1	-0.06	-0.01	A	196	4063	5.26	-0.84	-0.17	A	316	3943	1.34	-0.33	-0.06	A
83	MC	1879	2380	2.84	-0.25	-0.06	A	3275	984	0.34	-0.1	-0.02	A	196	4063	1.47	0.43	0.09	A	316	3943	2.47	-0.47	-0.09	A
84	MC	1879	2380	7.27	-0.44	-0.08	A	3275	984	4.34	0.4	0.07	A	196	4063	1.84	0.53	0.09	A	316	3943	3.74	0.6	0.1	A
85	MC	1879	2380	17.95	0.69	0.12	A	3275	984	0.57	-0.14	-0.03	A	196	4063	3.03	-0.64	-0.12	A	316	3943	12.58	-1.06	-0.21	B<
86	MC	1879	2380	0.35	-0.1	-0.01	A	3275	984	30.67	1.08	0.19	B>	196	4063	0.59	-0.29	-0.05	A	316	3943	0.31	-0.16	-0.02	A
87	MC	1879	2380	15.94	0.8	0.1	A	3275	984	13.65	-0.9	-0.11	A	196	4063	0.99	0.41	0.06	A	316	3943	5.63	-0.73	-0.13	A
88	MC	1879	2380	7.27	-0.43	-0.08	A	3275	984	2.18	-0.27	-0.05	A	196	4063	0.98	0.36	0.07	A	316	3943	0.93	-0.3	-0.06	A
89	MC	1879	2380	1.18	0.2	0.03	A	3275	984	143.85	2.39	0.4	C>	196	4063	9.93	-1.2	-0.21	B<	316	3943	26.14	-1.57	-0.3	C<
90	MC	1879	2380	10.15	0.49	0.1	A	3275	984	9.68	0.57	0.11	A	196	4063	1.85	-0.49	-0.09	A	316	3943	5.66	-0.7	-0.13	A
91	MC	1879	2380	5.41	0.36	0.07	A	3275	984	4.42	0.39	0.07	A	196	4063	0.01	-0.03	-0.01	A	316	3943	0.83	-0.26	-0.05	A
92	MC	1879	2380	0.99	0.17	0.02	A	3275	984	2.49	0.32	0.05	A	196	4063	0	0.02	0	A	316	3943	2.59	0.49	0.09	A
93	MC	1879	2380	8.42	0.46	0.09	A	3275	984	13.33	0.71	0.12	A	196	4063	0.32	0.2	0.04	A	316	3943	13.28	-1.17	-0.19	B<
94	MC	1879	2380	0.15	0.06	0.01	A	3275	984	7.39	-0.52	-0.1	A	196	4063	0.05	-0.09	-0.02	A	316	3943	0.27	-0.17	-0.03	A
95	MC	1879	2380	7.34	0.44	0.08	A	3275	984	3.52	-0.35	-0.07	A	196	4063	0.92	-0.37	-0.06	A	316	3943	1.93	-0.47	-0.08	A
96	MC	1879	2380	0.04	0.03	0.01	A	3275	984	7.22	0.51	0.09	A	196	4063	0.2	0.16	0.03	A	316	3943	1.38	0.35	0.06	A
97	MC	1879	2380	1.45	-0.19	-0.04	A	3275	984	10.48	-0.6	-0.12	A	196	4063	5.14	0.81	0.16	A	316	3943	0.18	0.13	0.02	A
98	MC	1879	2380	5.47	-0.39	-0.08	A	3275	984	0.09	0.06	0.01	A	196	4063	0.01	-0.03	0	A	316	3943	2.99	-0.62	-0.1	A

NOTE: MC=Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.34. DIF Statistics based on FRL Students for Items in Reading on Stage V

Focal Group: FRL (EL)							
Reference Group: Non-FRL (EL)							
Item Number	Item Type	NF	NR	MH _F ²	ΔMH	SMD	Flag
15	MC	3943	2371	0.40	-0.08	-0.02	A
16	MC	6638	3922	11.34	-0.46	-0.06	A
17	MC	6638	3922	0.32	0.07	0.01	A
18	MC	3943	2371	2.25	-0.19	-0.04	A
19	MC	3943	2371	4.91	0.29	0.05	A
20	MC	6638	3922	0.92	-0.19	-0.02	A
21	MC	3943	2371	5.90	0.31	0.06	A
22	MC	3943	2371	2.54	0.21	0.04	A
23	MC	6638	3922	0.09	0.03	0.00	A
24	MC	6638	3922	2.31	-0.15	-0.03	A
25	MC	6638	3922	1.44	0.13	0.02	A
26	MC	3943	2371	3.09	-0.23	-0.04	A
27	MC	6638	3922	0.04	-0.02	0.00	A
28	MC	3943	2371	2.99	0.32	0.04	A
29	MC	3943	2371	1.45	-0.16	-0.03	A
30	MC	3943	2371	0.09	-0.04	-0.01	A
31	MC	3943	2371	1.30	0.17	0.03	A
32	MC	6638	3922	5.11	-0.28	-0.04	A
33	MC	3943	2371	0.89	0.12	0.02	A
34	MC	3943	2371	0.10	0.04	0.01	A
35	MC	6638	3922	1.56	0.13	0.03	A
36	MC	3943	2371	0.07	0.04	0.01	A
37	MC	6638	3922	5.08	-0.23	-0.04	A
38	MC	3943	2371	0.05	0.03	0.01	A
39	MC	3943	2371	0.22	0.06	0.01	A
40	MC	3943	2371	1.19	0.14	0.03	A
41	MC	3943	2371	0.50	-0.09	-0.02	A
42	MC	3943	2371	3.00	0.24	0.04	A
81	MC	2695	1551	0.59	-0.15	-0.02	A
82	MC	2695	1551	0.78	-0.14	-0.03	A
83	MC	2695	1551	0.23	-0.07	-0.02	A
84	MC	2695	1551	0.44	0.11	0.02	A
85	MC	2695	1551	0.11	0.06	0.01	A
86	MC	2695	1551	12.47	-0.58	-0.10	A
87	MC	2695	1551	0.01	-0.02	-0.01	A
88	MC	2695	1551	0.26	-0.08	-0.01	A
89	MC	2695	1551	0.13	0.07	0.01	A
90	MC	2695	1551	1.01	-0.16	-0.03	A
91	MC	2695	1551	0.62	0.13	0.03	A
92	MC	2695	1551	0.38	0.11	0.02	A
93	MC	2695	1551	3.30	-0.30	-0.05	A
94	MC	2695	1551	2.45	0.27	0.05	A
95	MC	2695	1551	1.34	-0.19	-0.03	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MHy²=Mantel-Haenszel Chi-Square, ΔMH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.35. DIF Statistics based on EL Students for Items in Writing on Stage V

Item Number	Item Type	Focal Group: Female Reference Group: Male							Focal Group: Hispanic Reference Group: Non-Hispanic							Focal Group: American Indian Reference Group: Non-American Indian							Focal Group: Special Education Reference Group: Non-Special Education						
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag				
43	MC	2788	3541	0.42	0.08	0.02	A	4836	1493	1.69	-0.20	-0.03	A	304	6025	4.22	0.62	0.11	A	445	5884	1.18	-0.27	-0.05	A				
44	MC	2788	3541	0.43	-0.08	-0.02	A	4836	1493	4.57	-0.31	-0.06	A	304	6025	10.73	0.93	0.19	A	445	5884	2.54	-0.39	-0.07	A				
45	MC	4667	5921	36.82	0.93	0.11	A	8111	2477	0.05	0.04	0.00	A	500	10088	17.60	-1.31	-0.18	B<	761	9827	82.67	-1.99	-0.38	C<				
46	MC	2788	3541	4.02	-0.25	-0.06	A	4836	1493	4.62	-0.32	-0.07	A	304	6025	6.90	0.78	0.15	A	445	5884	0.73	-0.22	-0.04	A				
47	MC	2788	3541	2.75	0.20	0.04	A	4836	1493	5.94	-0.35	-0.07	A	304	6025	0.98	0.29	0.06	A	445	5884	4.56	0.51	0.10	A				
48	MC	2788	3541	3.67	-0.25	-0.05	A	4836	1493	0.07	0.04	0.01	A	304	6025	0.01	0.03	0.01	A	445	5884	1.09	0.27	0.05	A				
49	MC	2788	3541	3.35	-0.23	-0.05	A	4836	1493	38.73	-0.92	-0.18	A	304	6025	1.38	-0.36	-0.07	A	445	5884	0.00	0.00	0.00	A				
50	MC	4667	5921	2.21	-0.14	-0.03	A	8111	2477	21.41	-0.53	-0.10	A	500	10088	12.35	-0.77	-0.16	A	761	9827	4.20	-0.38	-0.07	A				
51	MC	2788	3541	0.68	0.10	0.02	A	4836	1493	3.63	0.28	0.05	A	304	6025	4.39	-0.62	-0.12	A	445	5884	4.93	-0.57	-0.10	A				
52	MC	2788	3541	2.79	-0.22	-0.04	A	4836	1493	0.94	-0.15	-0.03	A	304	6025	0.77	0.27	0.05	A	445	5884	2.74	-0.41	-0.08	A				
53	MC	4667	5921	1.99	-0.16	-0.02	A	8111	2477	12.69	-0.48	-0.07	A	500	10088	7.60	0.73	0.11	A	761	9827	2.20	0.29	0.05	A				
54	MC	4667	5921	26.12	-0.55	-0.09	A	8111	2477	75.63	-1.15	-0.18	B<	500	10088	55.76	2.09	0.31	C>	761	9827	60.01	1.63	0.28	C>				
55	MC	2788	3541	0.58	-0.09	-0.02	A	4836	1493	8.89	-0.44	-0.09	A	304	6025	4.09	0.61	0.12	A	445	5884	0.11	-0.08	-0.02	A				
56	MC	4667	5921	0.31	-0.05	-0.01	A	8111	2477	11.86	0.39	0.08	A	500	10088	0.14	-0.09	-0.02	A	761	9827	1.36	-0.21	-0.04	A				
57	MC	2788	3541	12.03	0.46	0.08	A	4836	1493	4.09	-0.31	-0.05	A	304	6025	4.23	0.61	0.11	A	445	5884	0.23	0.12	0.02	A				
58	MC	4667	5921	49.62	0.83	0.11	A	8111	2477	0.99	-0.14	-0.02	A	500	10088	7.21	-0.68	-0.11	A	761	9827	13.21	-0.74	-0.12	A				
59	MC	2788	3541	2.61	0.22	0.04	A	4836	1493	3.89	0.31	0.05	A	304	6025	0.03	-0.05	-0.01	A	445	5884	0.64	0.20	0.04	A				
60	MC	2788	3541	3.27	0.23			4836	1493	0.00	-0.01	0.00	A	304	6025	0.64	0.23	0.04	A	445	5884	0.67	-0.20	-0.04	A				
61	ER	1842	2390	59.60		0.16	A	3259	973	15.31		-0.09	A	198	4034	1.86		0.05	A	324	3908	2.84		-0.02	A				
62	ER	1842	2390	57.37		0.16	A	3259	973	51.99		-0.17	A	198	4034	17.88		0.15	A	324	3908	7.46		0.05	A				
71	ER	946	1151	26.55		0.16	A	1577	520	5.99		-0.01	A	106	1991	12.21		0.08	A	121	1976	5.63		-0.09	A				
72	ER	946	1151	30.77		0.19	B>	1577	520	14.42		-0.10	A	106	1991	7.65		0.05	A	121	1976	7.04		0.01	A				
99	MC	1879	2380	15.07	0.80	0.11	A	3275	984	25.70	1.17	0.16	B>	196	4063	4.34	1.11	0.14	A	316	3943	7.95	-0.92	-0.17	A				
100	MC	1879	2380	1.72	0.20	0.04	A	3275	984	1.55	-0.22	-0.04	A	196	4063	2.76	-0.60	-0.12	A	316	3943	2.34	0.44	0.09	A				
101	MC	1879	2380	4.94	0.35	0.07	A	3275	984	0.00	-0.01	0.00	A	196	4063	1.19	0.40	0.07	A	316	3943	0.46	-0.19	-0.03	A				
102	MC	1879	2380	2.91	-0.28	-0.05	A	3275	984	19.65	-0.83	-0.16	A	196	4063	8.82	1.05	0.21	B>	316	3943	14.36	1.13	0.21	B>				
103	MC	1879	2380	1.14	-0.16	-0.03	A	3275	984	0.12	0.06	0.01	A	196	4063	0.04	-0.07	-0.01	A	316	3943	0.22	-0.14	-0.03	A				
104	MC	1879	2380	10.96	0.58	0.10	A	3275	984	3.90	0.42	0.07	A	196	4063	0.06	-0.10	-0.02	A	316	3943	0.48	-0.24	-0.04	A				
105	MC	1879	2380	4.01	-0.32	-0.06	A	3275	984	0.27	0.10	0.02	A	196	4063	1.95	0.50	0.10	A	316	3943	1.10	0.32	0.06	A				
106	MC	1879	2380	23.29	-0.84	-0.13	A	3275	984	2.65	-0.34	-0.05	A	196	4063	24.70	2.30	0.32	C>	316	3943	48.90	2.33	0.37	C>				
107	MC	1879	2380	8.37	-0.48	-0.08	A	3275	984	0.36	0.12	0.02	A	196	4063	0.34	0.23	0.04	A	316	3943	1.44	-0.37	-0.07	A				
108	MC	1879	2380	1.41	0.18	0.04	A	3275	984	1.31	-0.21	-0.04	A	196	4063	0.44	-0.23	-0.05	A	316	3943	3.02	-0.53	-0.10	A				
109	MC	1879	2380	0.33	0.09	0.02	A	3275	984	1.36	0.21	0.04	A	196	4063	3.93	-0.73	-0.14	A	316	3943	2.18	-0.43	-0.08	A				
110	MC	1879	2380	9.18	0.49	0.09	A	3275	984	10.51	-0.62	-0.11	A	196	4063	7.57	-1.08	-0.19	B<	316	3943	7.15	-0.88	-0.14	A				
111	ER	1879	2380	81.05		0.19	B>	3275	984	38.38		-0.16	A	196	4063	4.14		0.01	A	316	3943	25.19		-0.12	A				
112	ER	1879	2380	57.91		0.16	A	3275	984	18.61		-0.09	A	196	4063	9.07		0.14	A	316	3943	8.10		-0.05	A				

NOTE: MC=Multiple-choice Item, ER=Extended Response Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.36. DIF Statistics based on FRL Students for Items in Writing on Stage V

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					
		NF	NR	MHz ²	ΔMH	SMD	Flag
43	MC	3943	2371	7.52	-0.37	-0.07	43
44	MC	3943	2371	1.58	0.16	0.03	44
45	MC	6638	3922	1.38	-0.18	-0.02	45
46	MC	3943	2371	1.09	0.14	0.03	46
47	MC	3943	2371	3.82	0.25	0.05	47
48	MC	3943	2371	2.05	0.19	0.03	48
49	MC	3943	2371	0.83	0.12	0.02	49
50	MC	6638	3922	2.39	-0.15	-0.03	50
51	MC	3943	2371	0.00	0.00	0.00	51
52	MC	3943	2371	0.94	-0.13	-0.02	52
53	MC	6638	3922	1.00	0.12	0.02	53
54	MC	6638	3922	7.46	0.30	0.05	54
55	MC	3943	2371	0.62	0.10	0.02	55
56	MC	6638	3922	0.03	0.02	0.00	56
57	MC	3943	2371	0.14	0.05	0.01	57
58	MC	6638	3922	0.29	0.06	0.01	58
59	MC	3943	2371	1.56	0.17	0.03	59
60	MC	3943	2371	0.79	0.11	0.02	60
61	ER	2620	1600	9.14		-0.05	61
62	ER	2620	1600	9.90		-0.05	62
71	ER	1323	771	6.02		-0.03	71
72	ER	1323	771	4.53		-0.07	72
99	MC	2695	1551	5.23	-0.49	-0.07	99
100	MC	2695	1551	0.02	-0.02	0.00	100
101	MC	2695	1551	1.41	0.19	0.03	101
102	MC	2695	1551	0.95	-0.16	-0.03	102
103	MC	2695	1551	0.19	0.07	0.01	103
104	MC	2695	1551	0.61	0.14	0.03	104
105	MC	2695	1551	1.21	-0.18	-0.03	105
106	MC	2695	1551	0.01	-0.02	0.00	106
107	MC	2695	1551	1.51	-0.21	-0.04	107
108	MC	2695	1551	1.63	0.20	0.04	108
109	MC	2695	1551	2.01	-0.22	-0.04	109
110	MC	2695	1551	1.09	-0.18	-0.03	110
111	ER	2695	1551	9.73		-0.04	111
112	ER	2695	1551	28.67		-0.08	112

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.37. DIF Statistics based on EL Students for Items in Listening on Stage V

Item Number	Item Type	Focal Group: Female Reference Group: Male							Focal Group: Hispanic Reference Group: Non-Hispanic							Focal Group: American Indian Reference Group: Non-American Indian							Focal Group: Special Education Reference Group: Non-Special Education						
		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag		NF	NR	MH χ^2	Δ MH	SMD	Flag	
1	MC	2788	3541	24.58	0.65	0.12	A		4836	1493	13.70	0.56	0.10	A		304	6025	1.46	-0.35	-0.07	A		445	5884	6.36	-0.61	-0.12	A	
2	MC	4667	5921	70.02	-0.97	-0.15	A		8111	2477	0.58	-0.10	-0.02	A		500	10088	14.77	1.15	0.17	B>		761	9827	20.09	1.00	0.18	A	
3	MC	2788	3541	2.30	-0.20	-0.04	A		4836	1493	1.00	0.15	0.03	A		304	6025	14.22	-1.08	-0.21	B<		445	5884	1.14	0.26	0.05	A	
4	MC	2788	3541	0.31	-0.08	-0.01	A		4836	1493	0.68	0.14	0.02	A		304	6025	7.89	1.00	0.15	A		445	5884	0.71	0.22	0.04	A	
5	MC	4667	5921	21.84	-0.54	-0.08	A		8111	2477	41.82	-0.91	-0.13	A		500	10088	13.68	1.06	0.15	B>		761	9827	29.47	1.22	0.20	B>	
6	MC	4667	5921	0.68	-0.08	-0.01	A		8111	2477	1.54	0.15	0.03	A		500	10088	15.83	0.98	0.17	A		761	9827	4.25	0.40	0.07	A	
7	MC	4667	5921	174.37	-1.48	-0.22	B<		8111	2477	9.56	-0.41	-0.06	A		500	10088	13.11	0.92	0.15	A		761	9827	60.80	1.59	0.28	C>	
8	MC	2788	3541	3.04	-0.21	-0.04	A		4836	1493	11.27	0.48	0.10	A		304	6025	2.10	-0.41	-0.08	A		445	5884	4.68	-0.51	-0.10	A	
9	MC	2788	3541	13.50	-0.49	-0.09	A		4836	1493	3.54	0.30	0.05	A		304	6025	1.05	0.31	0.05	A		445	5884	0.00	0.00	0.00	A	
10	MC	4667	5921	0.25	-0.05	-0.01	A		8111	2477	40.77	-0.72	-0.14	A		500	10088	4.98	-0.50	-0.10	A		761	9827	1.03	-0.19	-0.04	A	
11	MC	2788	3541	8.32	-0.38	-0.07	A		4836	1493	31.13	0.87	0.15	A		304	6025	1.25	-0.34	-0.06	A		445	5884	0.09	-0.08	-0.01	A	
12	MC	4667	5921	0.66	-0.08	-0.01	A		8111	2477	44.68	0.81	0.14	A		500	10088	4.35	-0.48	-0.09	A		761	9827	7.00	-0.51	-0.09	A	
13	MC	2788	3541	5.57	-0.31	-0.06	A		4836	1493	1.02	0.15	0.03	A		304	6025	0.19	0.14	0.02	A		445	5884	5.98	-0.61	-0.12	A	
14	MC	2788	3541	1.80	-0.17	-0.04	A		4836	1493	5.81	-0.36	-0.07	A		304	6025	2.98	0.50	0.10	A		445	5884	4.61	0.53	0.11	A	
73	MC	1879	2380	0.26	0.08	0.02	A		3275	984	8.38	-0.54	-0.10	A		196	4063	15.70	1.50	0.27	C>		316	3943	44.72	2.00	0.37	C>	
74	MC	1879	2380	29.34	-0.91	-0.15	A		3275	984	5.97	-0.48	-0.08	A		196	4063	3.65	0.78	0.13	A		316	3943	31.15	1.78	0.31	C>	
75	MC	1879	2380	11.95	0.57	0.10	A		3275	984	0.74	-0.17	-0.03	A		196	4063	0.53	0.29	0.05	A		316	3943	1.66	-0.37	-0.07	A	
76	MC	1879	2380	2.11	-0.24	-0.04	A		3275	984	1.08	-0.21	-0.03	A		196	4063	0.23	-0.18	-0.03	A		316	3943	1.41	-0.36	-0.07	A	
77	MC	1879	2380	24.61	-0.77	-0.15	A		3275	984	0.01	0.02	0.00	A		196	4063	34.59	2.18	0.41	C>		316	3943	38.34	1.85	0.34	C>	
78	MC	1879	2380	0.14	-0.06	-0.01	A		3275	984	0.05	0.04	0.01	A		196	4063	0.63	0.30	0.05	A		316	3943	1.51	0.37	0.07	A	
79	MC	1879	2380	7.45	-0.49	-0.07	A		3275	984	10.03	-0.68	-0.10	A		196	4063	6.42	1.11	0.16	A		316	3943	12.24	1.15	0.19	B>	
80	MC	1879	2380	1.28	-0.18	-0.03	A		3275	984	0.02	0.03	0.00	A		196	4063	0.11	-0.12	-0.02	A		316	3943	0.67	-0.23	-0.04	A	

NOTE: MC=Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.38. DIF Statistics based on FRL Students for Items in Listening on Stage V

Focal Group: FRL (EL)							
Item Number	Item Type	Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
1	MC	3943	2371	1.23	0.15	0.03	A
2	MC	6638	3922	0.04	-0.02	-0.01	A
3	MC	3943	2371	2.45	0.21	0.04	A
4	MC	3943	2371	0.13	0.06	0.01	A
5	MC	6638	3922	3.27	0.22	0.03	A
6	MC	6638	3922	0.41	0.07	0.01	A
7	MC	6638	3922	4.29	0.24	0.04	A
8	MC	3943	2371	2.23	-0.19	-0.04	A
9	MC	3943	2371	0.02	-0.02	0.00	A
10	MC	6638	3922	0.11	0.03	0.01	A
11	MC	3943	2371	5.83	-0.33	-0.06	A
12	MC	6638	3922	0.26	0.05	0.01	A
13	MC	3943	2371	0.30	0.07	0.02	A
14	MC	3943	2371	0.30	0.07	0.01	A
73	MC	2695	1551	1.09	0.17	0.03	A
74	MC	2695	1551	4.42	0.37	0.06	A
75	MC	2695	1551	0.27	0.09	0.02	A
76	MC	2695	1551	0.06	0.04	0.01	A
77	MC	2695	1551	1.84	0.22	0.04	A
78	MC	2695	1551	1.00	0.17	0.03	A
79	MC	2695	1551	2.45	0.29	0.04	A
80	MC	2695	1551	0.52	0.12	0.03	A

NOTE: MC= Multiple-choice Item, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.39. DIF Statistics based on EL Students for Items in Speaking on Stage V

Item Number	Item Type	Focal Group: Female Reference Group: Male						Focal Group: Hispanic Reference Group: Non-Hispanic						Focal Group: American Indian Reference Group: Non-American Indian						Focal Group: Special Education Reference Group: Non-Special Education					
		NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag	NF	NR	MH χ^2	Δ MH	SMD	Flag
63	SA4	4667	5921	53.99		-0.06	A	8111	2477	35.89		0.06	A	500	10088	43.88		-0.15	A	761	9827	84.88		0.16	A
64	SA4	2788	3541	10.37		0.01	A	4836	1493	18.61		0.02	A	304	6025	27.33		-0.12	A	445	5884	16.83		0.10	A
65	SA4	4667	5921	89.95		-0.05	A	8111	2477	43.57		0.04	A	500	10088	40.51		-0.23	B<	761	9827	13.00		-0.03	A
66	SA4	2788	3541	38.92		0.08	A	4836	1493	24.98		0.05	A	304	6025	49.51		-0.34	C<	445	5884	2.53		0.00	A
67	SA4	2788	3541	106.34		-0.06	A	4836	1493	27.15		-0.10	A	304	6025	6.67		-0.09	A	445	5884	2.74		-0.01	A
68	SA4	2788	3541	26.92		-0.01	A	4836	1493	28.65		-0.12	A	304	6025	15.34		-0.17	A	445	5884	6.22		0.04	A
69	SA4	2788	3541	38.81		0.06	A	4836	1493	9.73		0.00	A	304	6025	77.65		-0.39	C<	445	5884	5.27		-0.06	A
70	SA4	2788	3541	9.9		-0.02	A	4836	1493	21.32		-0.01	A	304	6025	19.30		-0.01	A	445	5884	38.47		0.10	A
113	SA4	1879	2380	2.05		0.03	A	3275	984	5.00		0.03	A	196	4063	15.92		-0.20	B<	316	3943	11.57		-0.10	A
114	SA4	1879	2380	32.52		0.05	A	3275	984	4.83		0.07	A	196	4063	38.94		-0.36	C<	316	3943	1.67		0.02	A
115	SA4	1879	2380	10.8		-0.08	A	3275	984	15.16		-0.08	A	196	4063	4.78		-0.12	A	316	3943	4.33		0.03	A
116	SA4	1879	2380	5.4		0.05	A	3275	984	14.58		-0.01	A	196	4063	25.07		-0.30	C<	316	3943	4.72		-0.05	A
117	SA4	1879	2380	37.41		0.05	A	3275	984	7.55		-0.04	A	196	4063	48.12		-0.41	C<	316	3943	10.67		-0.15	A
118	SA4	1879	2380	9.57		-0.06	A	3275	984	18.96		0.02	A	196	4063	19.35		-0.26	C<	316	3943	16.41		0.02	A

NOTE: SA4=4 Point Short Answer, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.

Table G.40. DIF Statistics based on FRL Students for Items in Speaking on Stage V

Item Number	Item Type	Focal Group: FRL (EL) Reference Group: Non-FRL (EL)					
		NF	NR	MH χ^2	Δ MH	SMD	Flag
63	SA4	6638	3922	22.51		-0.02	A
64	SA4	3943	2371	17.34		-0.07	A
65	SA4	6638	3922	30.61		-0.07	A
66	SA4	3943	2371	15.62		-0.08	A
67	SA4	3943	2371	18.81		-0.04	A
68	SA4	3943	2371	10.18		-0.06	A
69	SA4	3943	2371	18.37		-0.10	A
70	SA4	3943	2371	28.20		-0.08	A
113	SA4	2695	1551	20.04		-0.10	A
114	SA4	2695	1551	14.23		-0.10	A
115	SA4	2695	1551	25.97		-0.02	A
116	SA4	2695	1551	11.98		-0.04	A
117	SA4	2695	1551	8.87		-0.08	A
118	SA4	2695	1551	14.51		-0.05	A

NOTE: SA4=4 Point Short Answer, NF=Number of students in a focal group, NR=Number of students in a reference group, MH χ^2 =Mantel-Haenszel Chi-Square, Δ MH=MH Delta DIF, SMD=Standardized Mean Difference, A=No DIF, B=Weak DIF, C=Strong DIF, < favors reference group, > favors focal group; item number does not indicate item location on an operational test form as field test items were embedded on the form but were not included in the analysis.