

NAEP 2015 - Grade 4 Mathematics

Average Scale Scores Over Time

Year	Statistic	AZ Overall	AZ White	AZ Black	AZ Hispanic	AZ Asian	AZ American Indian	AZ NSLP Eligible	AZ NSLP Not Eligible	AZ SD	AZ-Not SD	AZ ELL	AZ-Not ELL	AZ Male	AZ Female	AZ Formerly ELL
1992 ¹	Ave Scale	215	225	199	203		190							215	216	
1996 ¹		218	228	197	202		197	202	230					218	217	
2000		219	230	207	204	231	203	206	232	208	220	195	223	219	219	
2003		229	241	215	217	244	210	217	241	210	231	207	234	231	227	
2005		230	243	217	218	241	216	220	242	207	232	208	235	233	227	
2007		232	246	219	220	253	216	219	245	209	234	203	237	233	230	229
2009		230	243	222	220	245	215	219	243	209	233	201	235	230	230	229
2011		235	246	224	227	249	216	227	247	210	238	208	239	237	234	234
2013		240	251	230	232	256	222	230	252	213	243	206	243	240	240	234
2015		238	251	231	229	252	220	228	252	210	242	206	241	239	236	234

Blank cells relate to reporting standards not being met.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

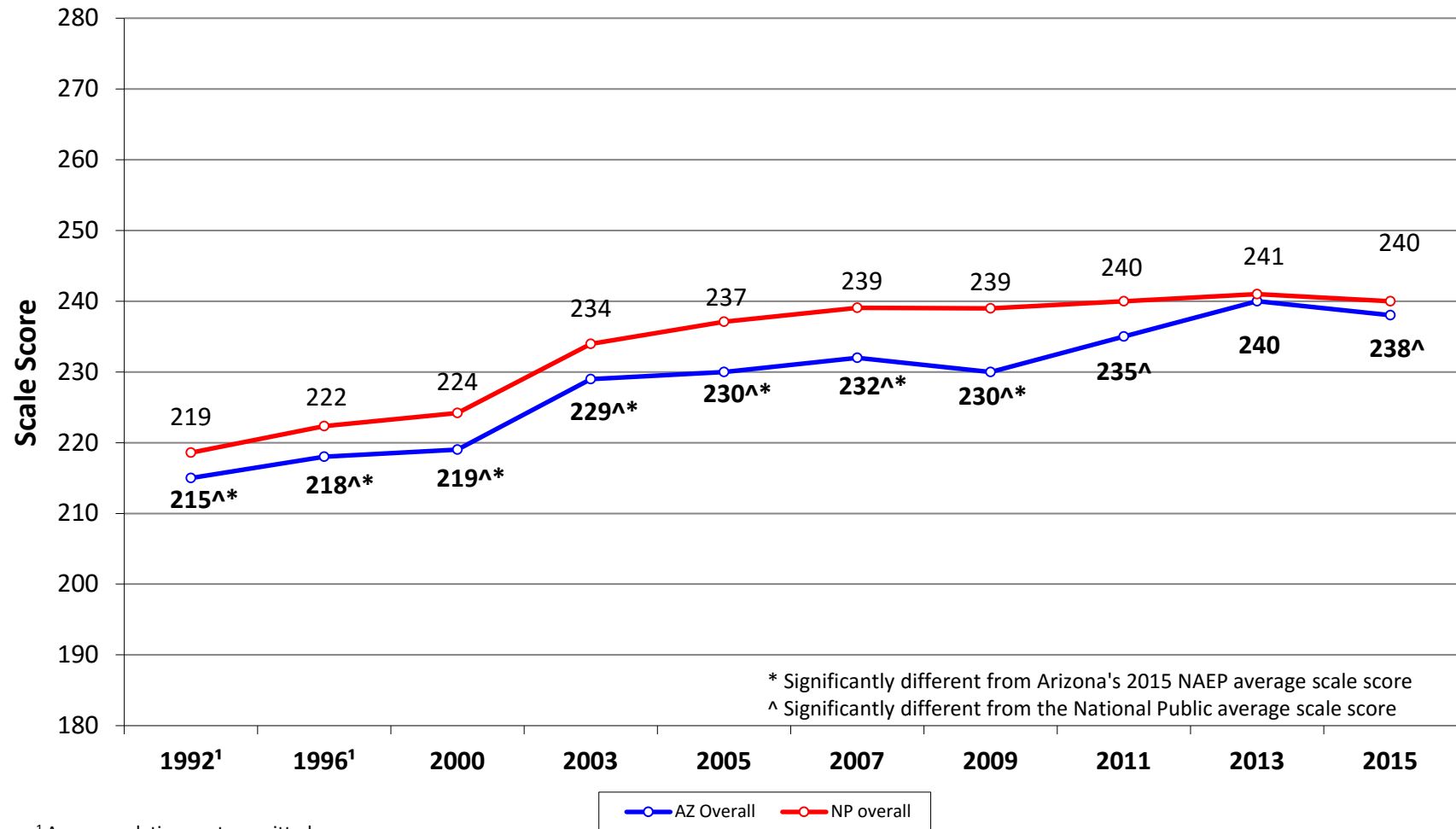
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP) Mathematics Assessments.

National Public

1992 ¹	Ave Scale	219	227	192	201	231								220	218	
1996 ¹		222	230	199	204	225		207	231					224	221	
2000		224	233	203	207		207	208	235	198	227	199	226	225	223	
2003		234	243	216	221	246	224	222	244	214	236	214	236	235	233	
2005		237	246	220	225	251	227	225	248	218	240	216	239	238	236	240
2007		239	248	222	227	254	229	227	249	220	241	217	242	240	238	245
2009		239	248	222	227	255	227	228	250	220	242	218	242	240	238	241
2011		240	249	224	229	256	227	229	252	218	243	219	243	241	239	244
2013		241	250	224	230	258	228	230	254	218	244	219	244	242	241	246
2015		240	248	224	230	256	228	229	253	217	243	218	243	241	239	246

NAEP Mathematics Grade 4 – Overall

Average Scale Score: 1992-2015



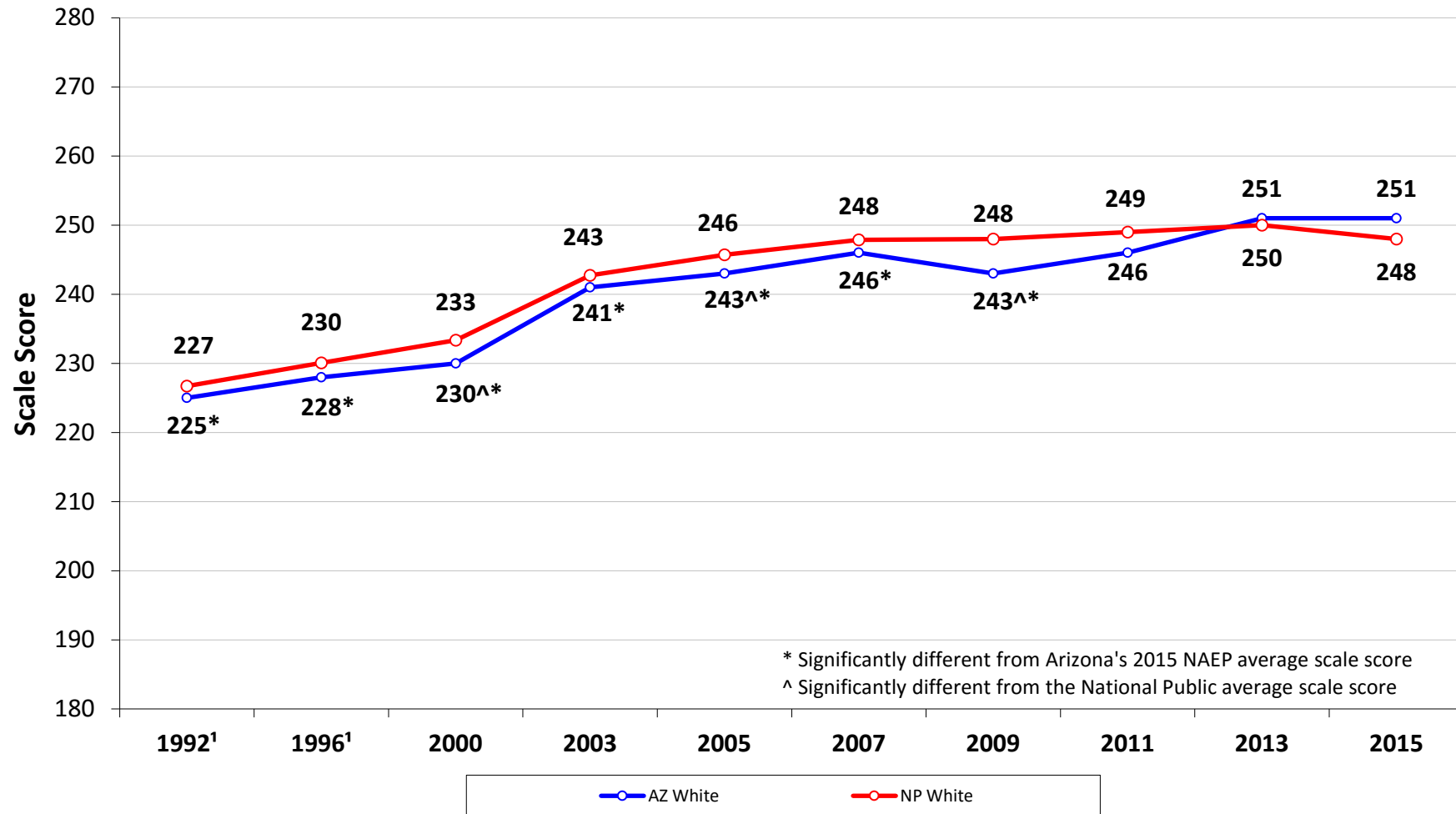
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – White

Average Scale Score: 1992-2015



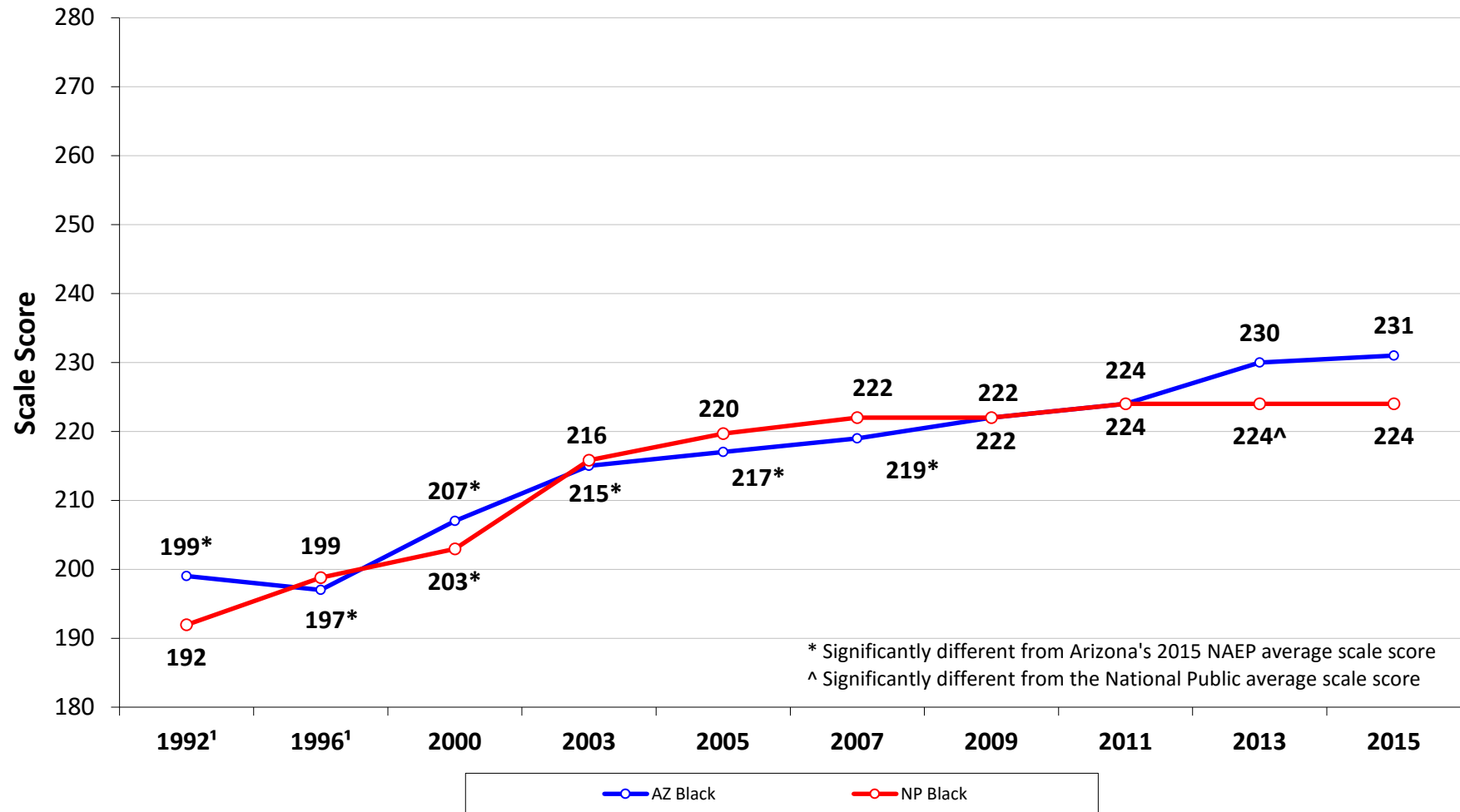
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Black

Average Scale Score: 1992-2015



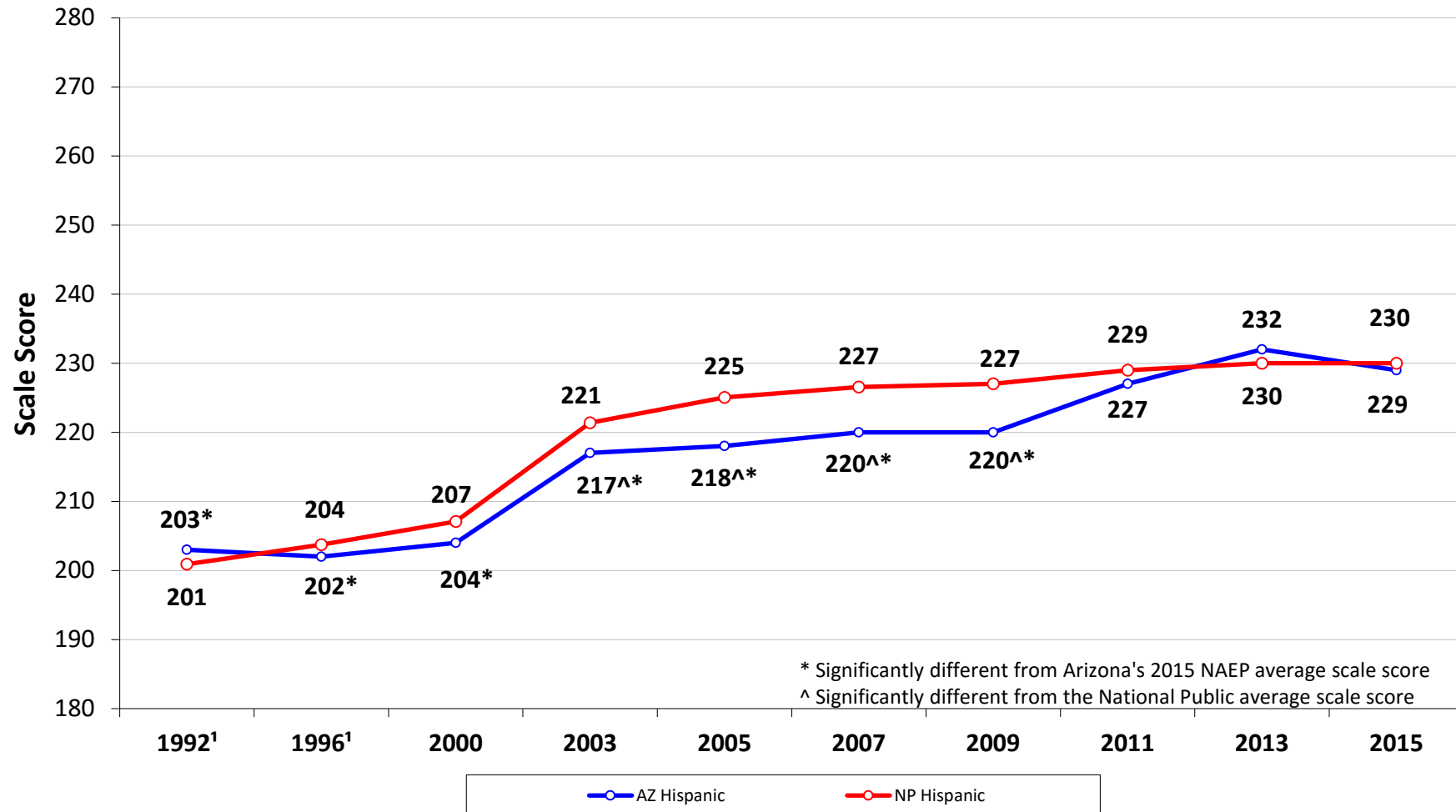
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Hispanic

Average Scale Score: 1992-2015



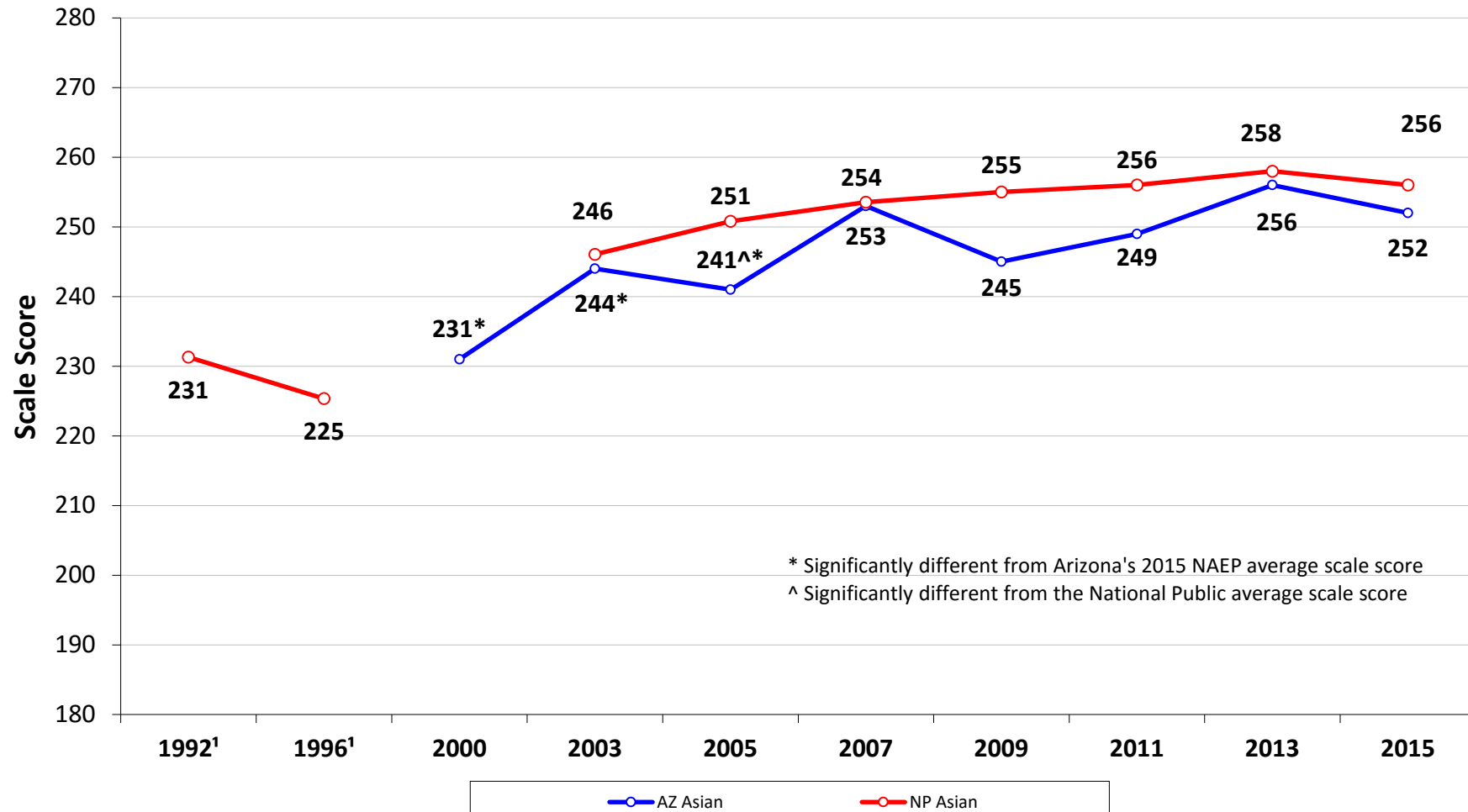
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Asian

Average Scale Score: 1992-2015



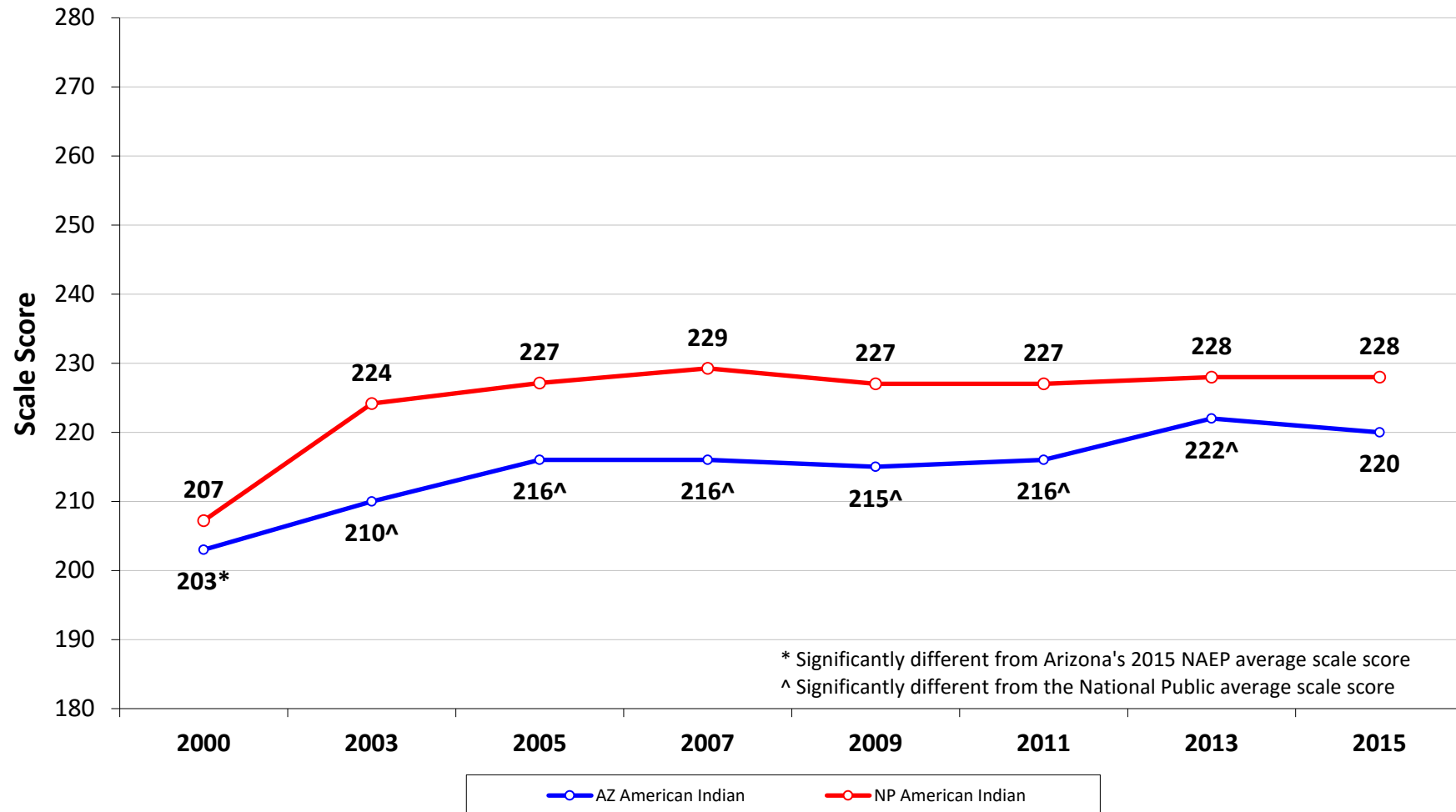
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – American Indian/Alaskan Native

Average Scale Score: 2000-2015



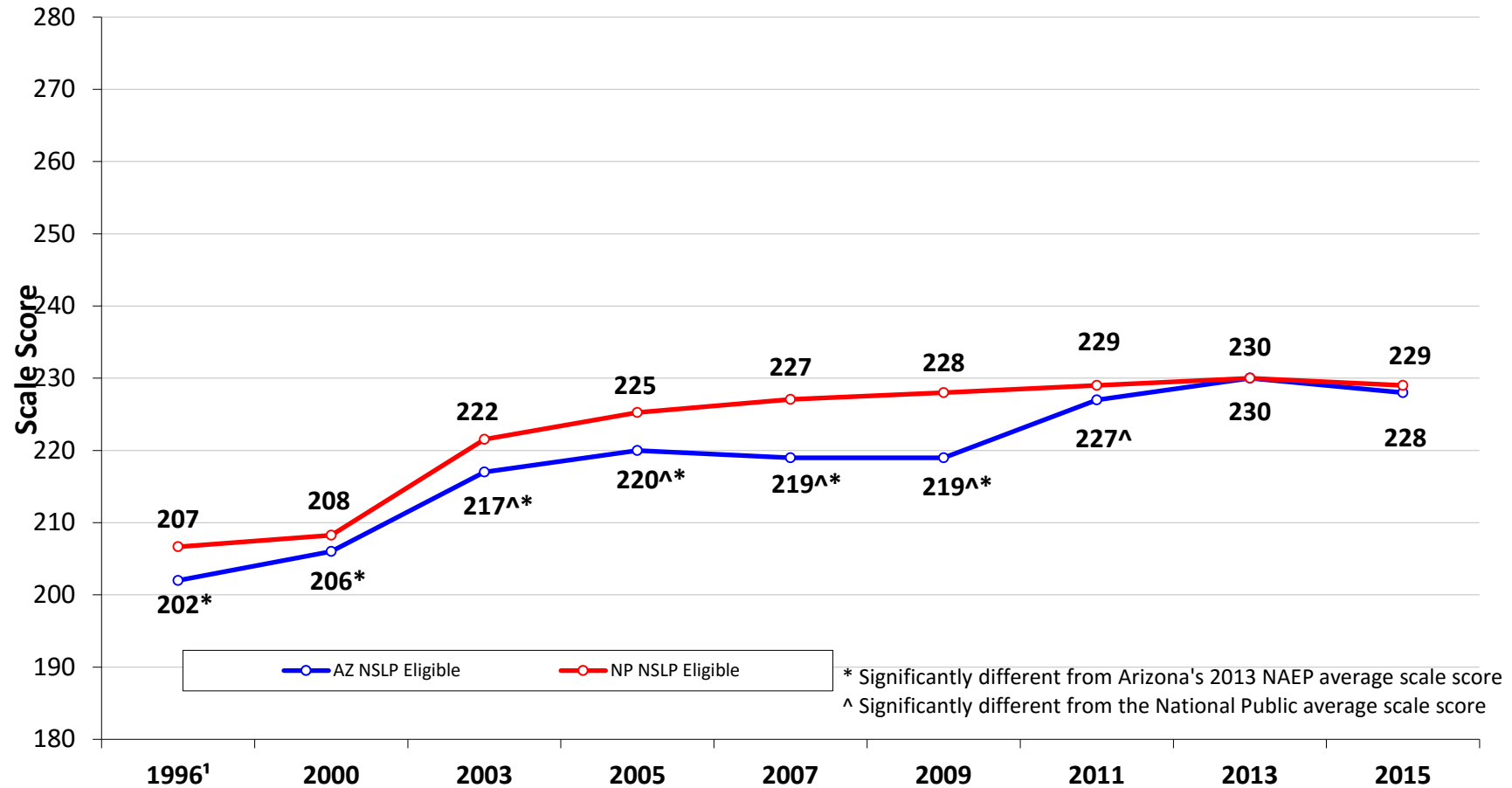
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – National School Lunch Program Eligible

Average Scale Score: 1996-2015



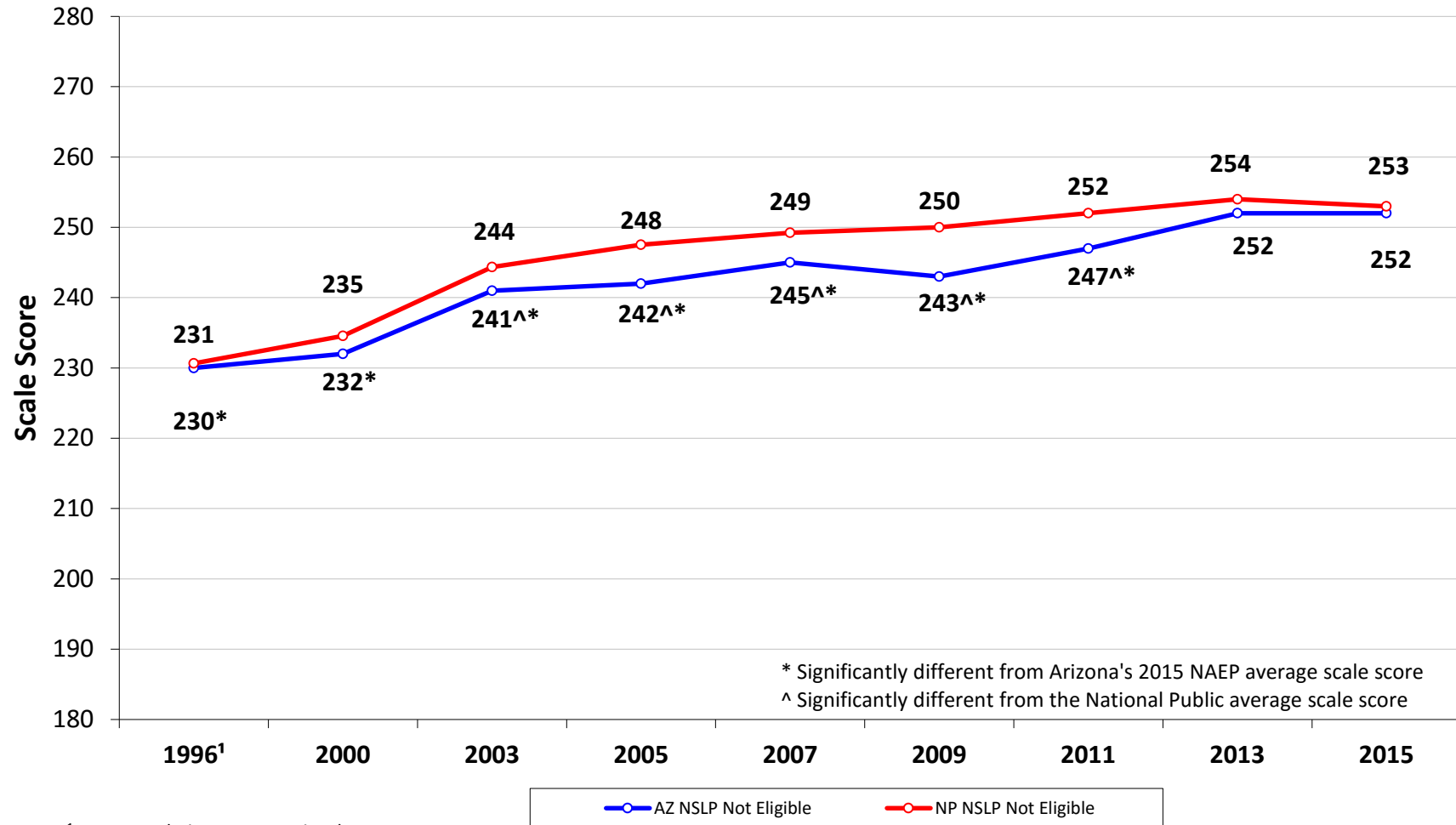
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – National School Lunch Program Not Eligible

Average Scale Score: 1996-2015



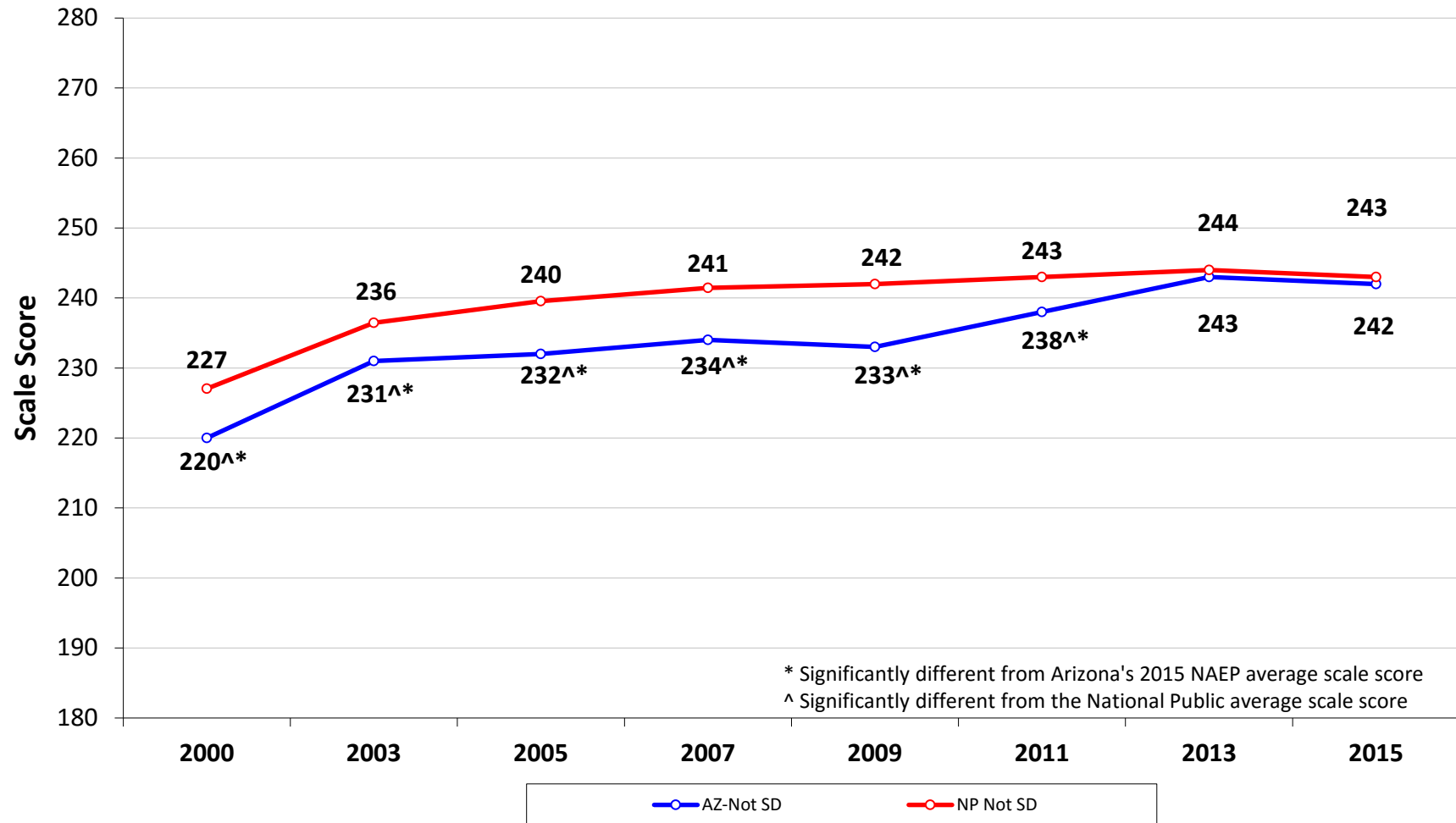
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Students without Disabilities

Average Scale Score: 2000-2015

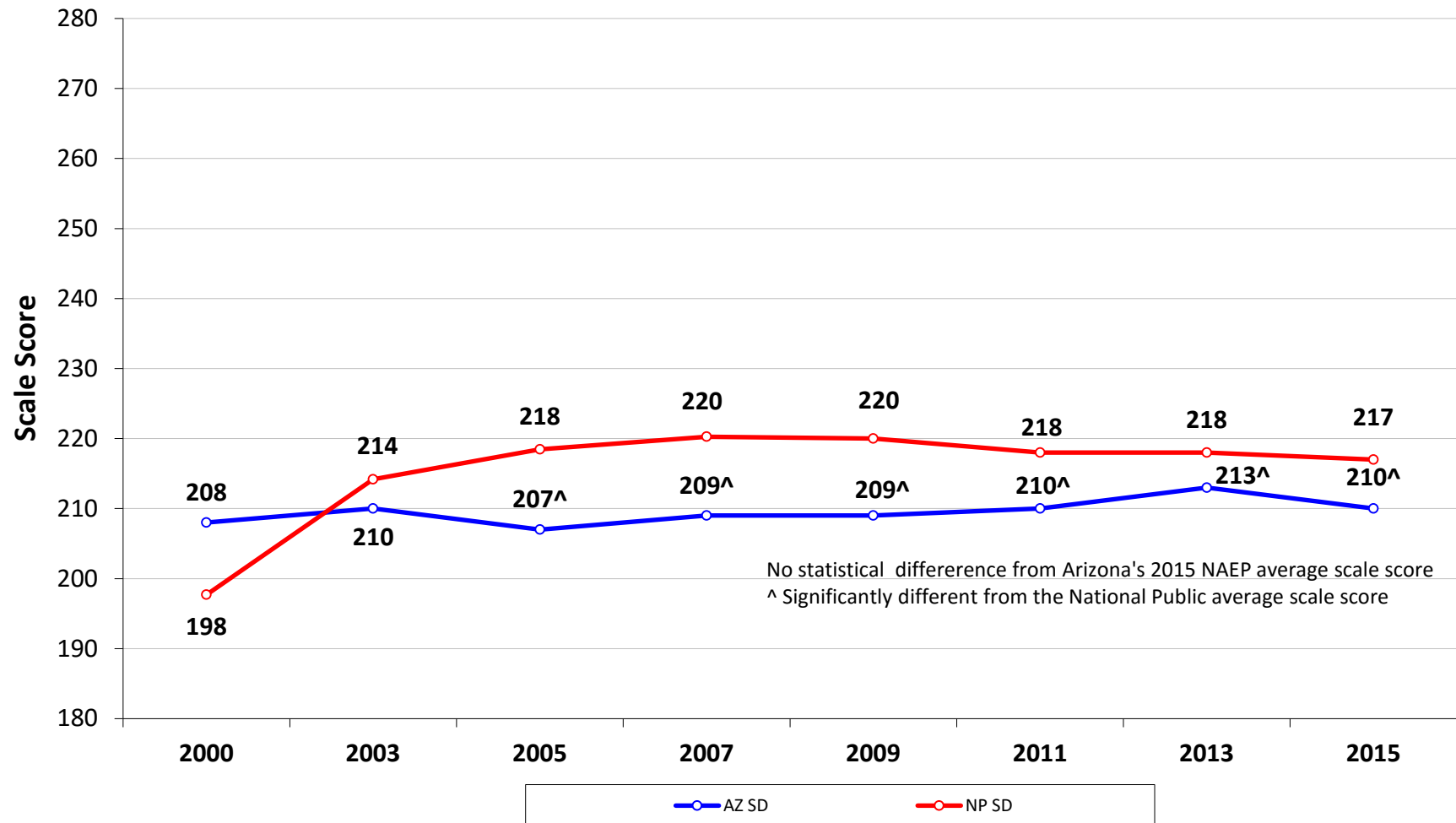


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Students with Disabilities

Average Scale Score: 2000-2015

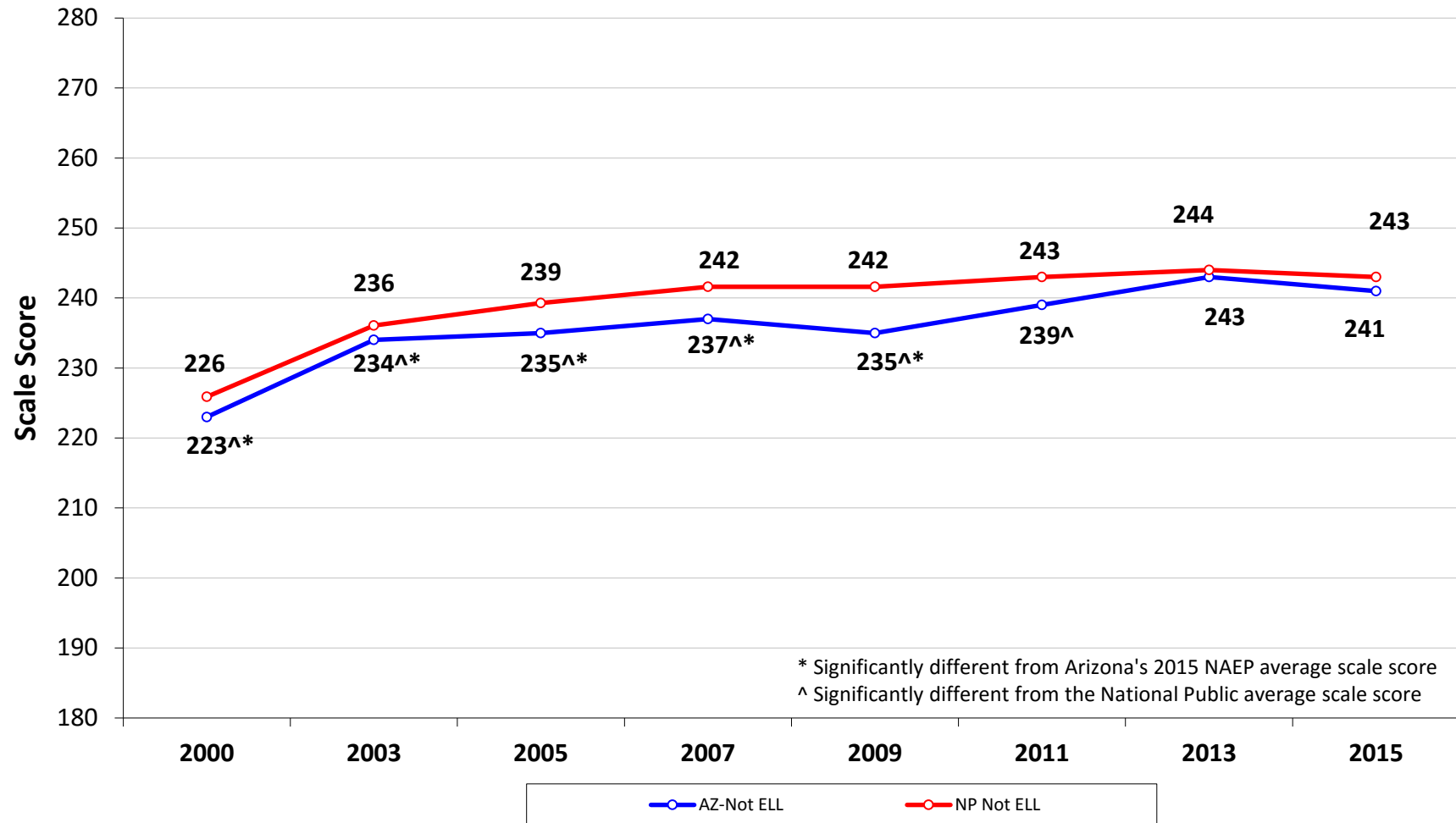


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Not English Language Learners

Average Scale Score: 2000-2015

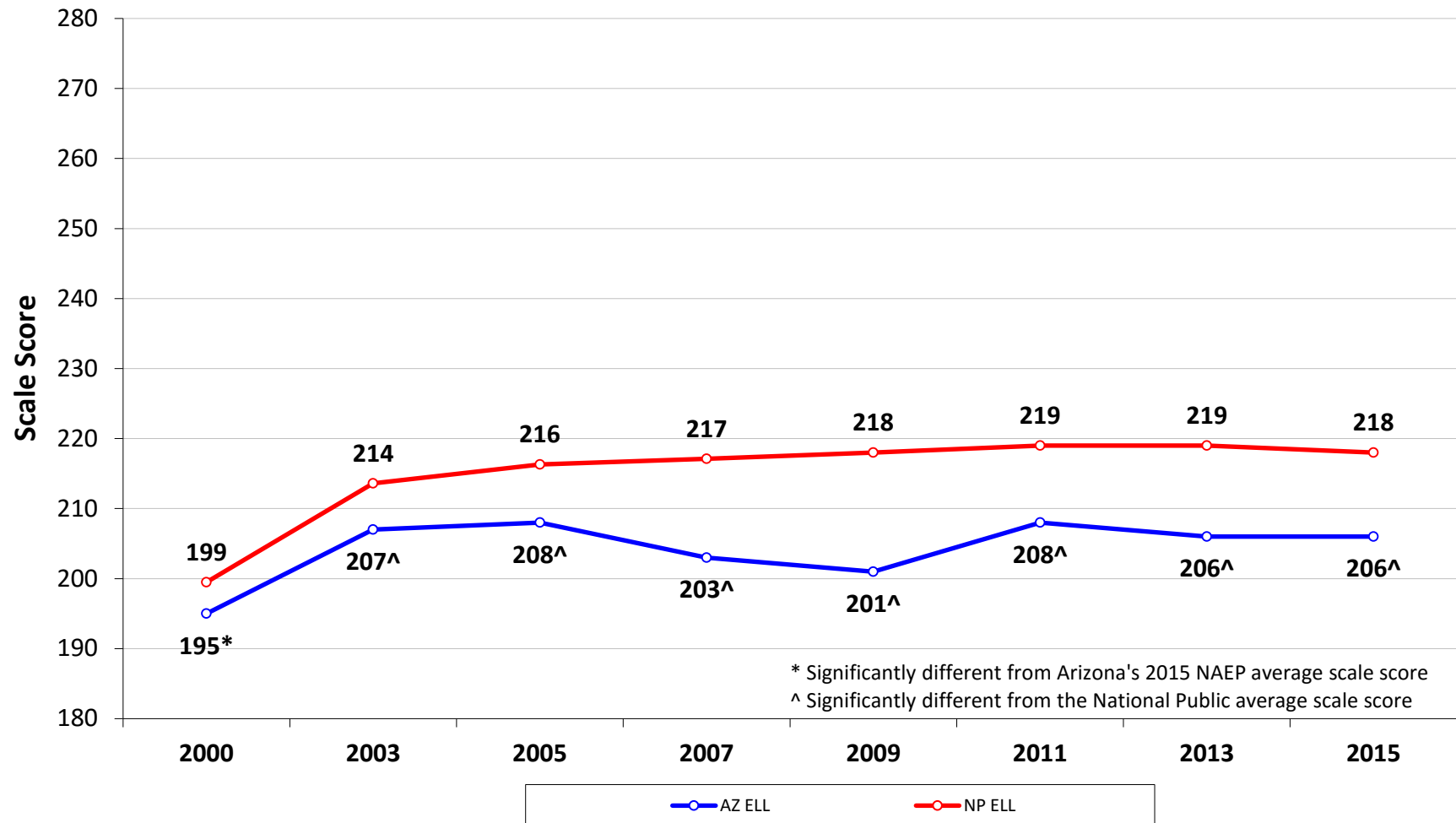


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – English Language Learners

Average Scale Score: 2000-2015

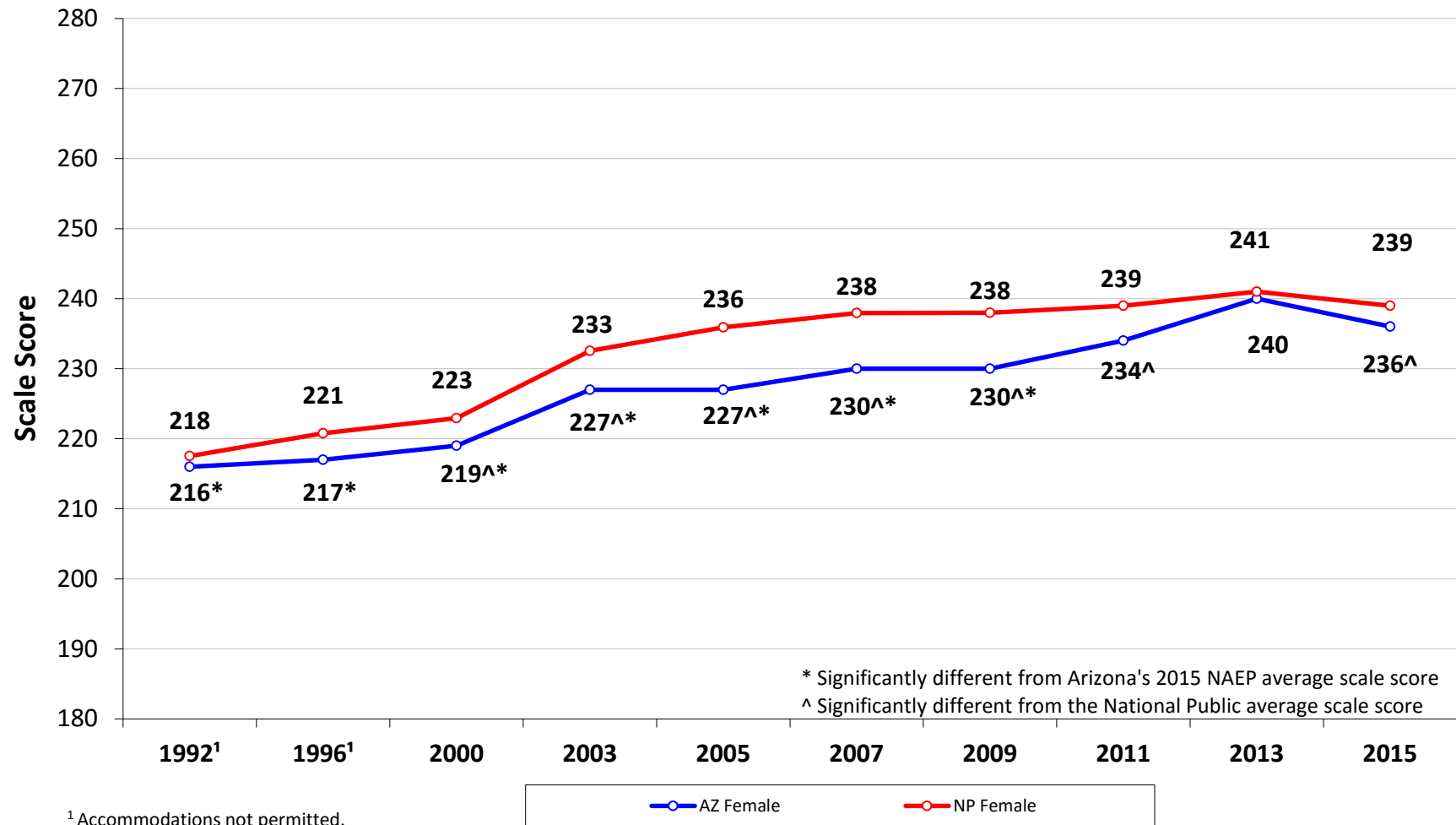


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Female

Average Scale Score: 1992-2015



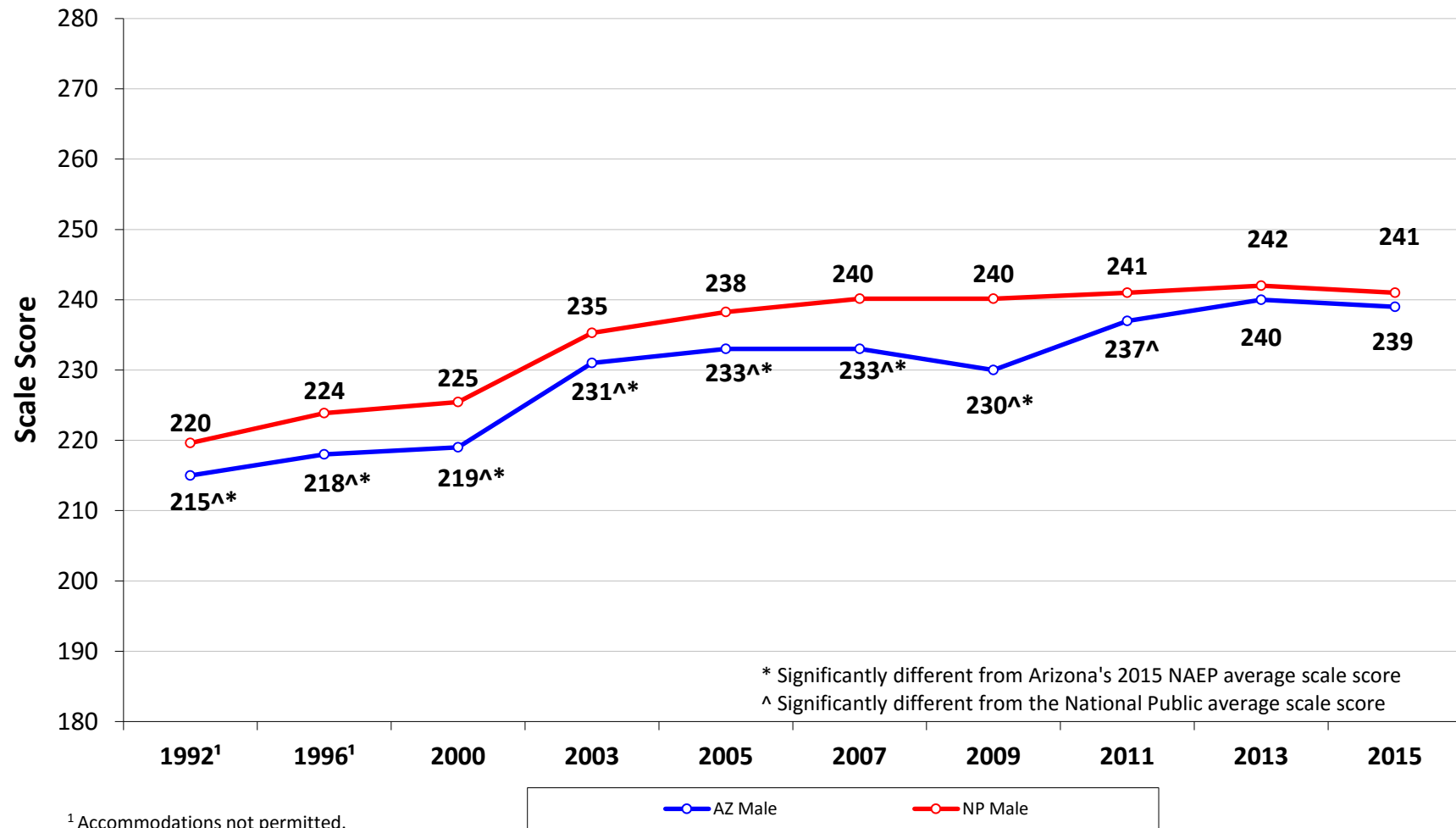
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Male

Average Scale Score: 1992-2015



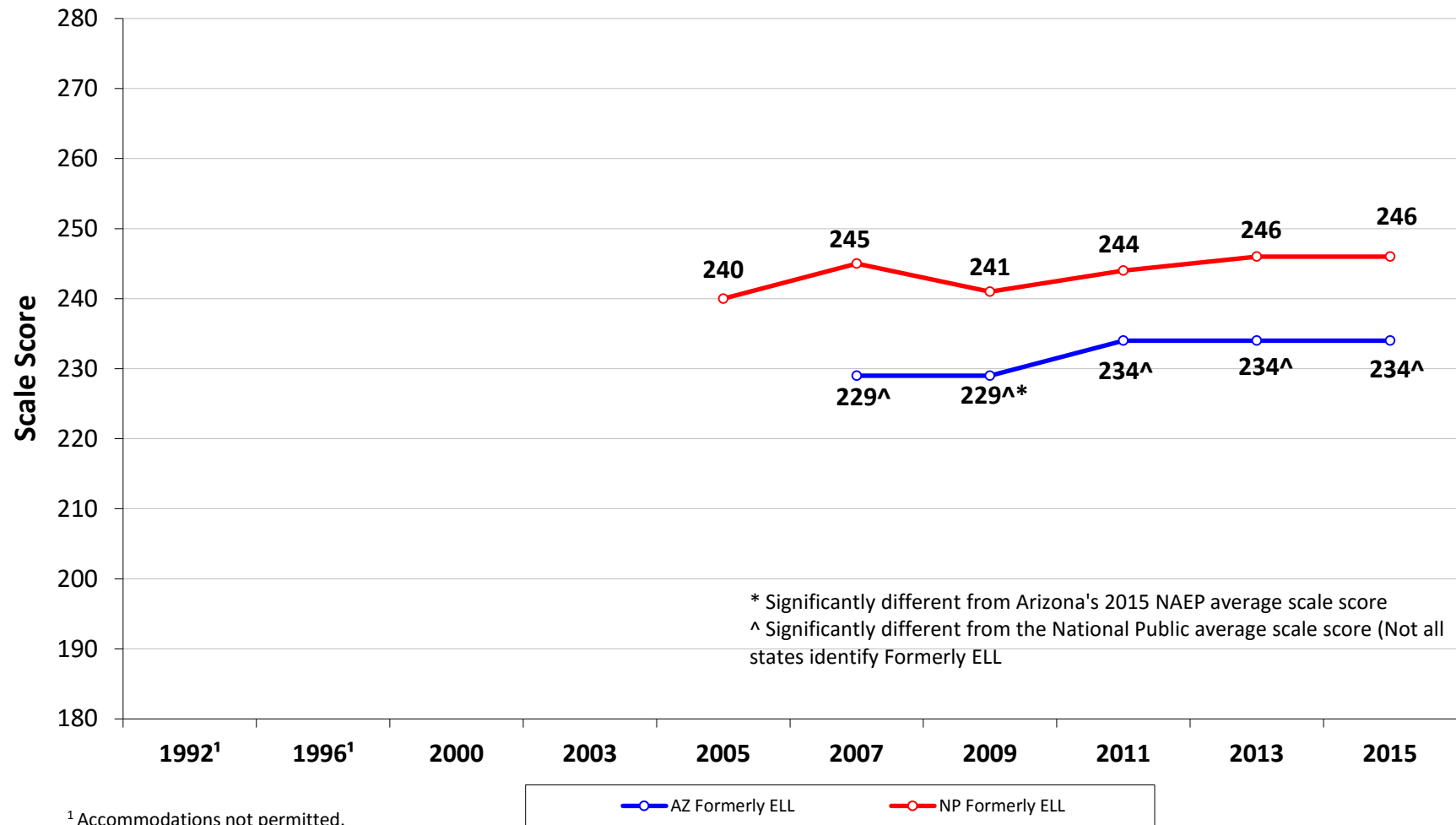
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

NAEP Mathematics Grade 4 – Formerly ELL

Average Scale Score: 1992-2015



¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).