

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

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Percentage distribution of fourth- and eighth-grade public school students assessed in NAEP mathematics, by race/ethnicity, eligibility for free/reduced-price school lunch, grade, and jurisdiction: 2003, 2013, and 2015

Grade and jurisdiction	Race/ethnicity															Eligibility for free/reduced-price school lunch					
	White			Black			Hispanic			Asian/Pacific Islander			American Indian/Alaska Native			Eligible			Not eligible		
	2003	2013	2015	2003	2013	2015	2003	2013	2015	2003	2013	2015	2003	2013	2015	2003	2013	2015	2003	2013	2015
Grade 4																					
Nation (public)	58 *	51 *	49	17 *	16	15	19 *	25 *	26	4 *	5	5	1	1	1	44 *	54 *	55	52 *	46 *	44
Large city¹	22 *	20	19	34 *	26	24	36 *	43	46	7	8	8	1	1	1	69 *	73	74	27	26	25
Albuquerque	—	21	21	—	2	3	—	67	67	—	2	2	—	4	4	—	71 *	64	—	28 *	36
Atlanta	10 *	18	18	87 *	71	72	2 *	8	8	# *	1	1	#	#	#	81	73	74	18	27	26
Austin	—	26	27	—	7	7	—	61	60	—	3	4	—	#	#	—	62	62	—	38	37
Baltimore City	—	8	9	—	85	80	—	5	9	—	1	1	—	#	#	—	87 *	81	—	13 *	18
Boston	12	13	15	46 *	34	31	33 *	42	45	8	8	8	1	1	#	83	85	100	8	14	#
Charlotte	41 *	33	28	46	38	41	7 *	19	23	4 *	6	6	1	#	#	45 *	56 *	66	55 *	44 *	33
Chicago	11	9	12	52 *	39	40	34 *	46	42	3	4	5	#	#	#	85	84	85	7 *	16	15
Cleveland	16	15	15	76 *	66	64	6 *	14	16	1	1	1	1	#	#	100 ²	100 ²	100 ²	#	#	#
Dallas	—	3	7	—	24	21	—	70	71	—	2	2	—	#	#	—	94 *	88	—	6 *	12
Detroit	—	4	2	—	78	82	—	17	15	—	2	#	—	#	#	—	88 *	74	—	10 *	26
District of Columbia (DCPS)	4 *	13 *	16	87 *	67 *	64	8 *	16	16	1 *	2	2	#	#	#	71	76 *	73	24 *	24 *	27
Duval County (FL)	—	—	39	—	—	40	—	—	12	—	—	5	—	—	#	—	—	52	—	—	48
Fresno	—	12	10	—	10	8	—	65 *	70	—	11	10	—	1	#	—	91	92	—	9	8
Hillsborough County (FL)	—	36	38	—	20	20	—	35	33	—	4	4	—	#	#	—	58	60	—	42	40
Houston	7	7	8	35 *	21	24	56 *	68	63	2	3	3	#	#	#	76	83	80	21	17	19
Jefferson County (KY)	—	50	48	—	37	35	—	7	10	—	3	4	—	#	#	—	65 *	71	—	35 *	28
Los Angeles	11	9	12	10	12 *	6	73	71	74	6	8	8	#	#	#	83	84	84	5 *	11	16
Miami-Dade	—	9	8	—	23	19	—	67	71	—	1	1	—	#	#	—	74	72	—	26	28
Milwaukee	—	15	—	—	50	—	—	28	—	—	7	—	—	1	—	—	83	—	—	17	—
New York City	15	17	12	35 *	24	25	37 *	42	45	12	16	16	1	#	1	88	79 *	85	10	21 *	15
Philadelphia	—	16	13	—	54	53	—	19	21	—	7	7	—	#	#	—	94 *	68	—	6 *	30
San Diego	23	25	19	17	9	10	42	47	47	18	14	15	#	#	#	58 *	66	69	36	34	31
Grade 8																					
Nation (public)	62 *	53 *	51	17 *	15	15	15 *	23 *	25	4 *	5	6	1	1	1	36 *	50 *	52	58 *	50 *	47
Large city¹	24 *	21	19	35 *	26	26	33 *	42	44	8	8	8	1	1	1	60 *	68	71	33 *	30	28
Albuquerque	—	21	23	—	2	2	—	68	68	—	2	3	—	3	4	—	66	68	—	33	32
Atlanta	5 *	10	11	93 *	82	81	1 *	6	6	#	1	1	#	#	#	78 *	81	81	15 *	19	19
Austin	—	26	27	—	9	8	—	59	58	—	3	4	—	#	#	—	61 *	56	—	39 *	44
Baltimore City	—	7	7	—	87	83	—	3 *	8	—	1	1	—	#	#	—	84 *	77	—	16 *	23
Boston	16	15	14	46 *	38 *	35	28 *	35 *	40	9	10	11	#	#	#	71	80	100	10	17	#
Charlotte	42 *	32	31	46 *	42	40	6 *	18 *	22	5	5	6	1	1	1	36 *	55 *	61	63 *	45 *	38
Chicago	10	9	9	51	44	43	36 *	42	45	4	4	3	#	#	#	88	83	86	6 *	17	14
Cleveland	15 *	14	13	72 *	67	67	11 *	15	16	1	1	1	#	#	1	100 ²	100 ²	100 ²	#	#	#
Dallas	—	5	4	—	24	22	—	69	72	—	1	1	—	#	#	—	89	90	—	11	10
Detroit	—	2	1	—	87 *	82	—	10 *	14	—	1 *	3	—	#	#	—	84 *	72	—	16 *	28
District of Columbia (DCPS)	3 *	7	9	87 *	74	72	9 *	15	15	1	2	2	#	#	#	57 *	77	79	31 *	23	21
Duval County (FL)	—	—	38	—	—	43	—	—	10	—	—	6	—	—	#	—	—	44	—	—	56
Fresno	—	12	10	—	10	8	—	65	67	—	12	12	—	1	#	—	89 *	81	—	11 *	19
Hillsborough County (FL)	—	38	34	—	21	23	—	34	35	—	3	4	—	#	#	—	56	62	—	44	37
Houston	8	7	7	33 *	27	25	55 *	62	62	3	4	5	#	#	#	69 *	79 *	76	31 *	21 *	24
Jefferson County (KY)	—	52	49	—	37	36	—	6	7	—	3	4	—	#	#	—	63 *	58	—	37 *	42
Los Angeles	10	10	10	12	8	8	71	73	75	7	8	6	#	#	#	65 *	80	84	6 *	9 *	15
Miami-Dade	—	8	9	—	21	21	—	69	68	—	1	1	—	#	#	—	74	73	—	26	27
Milwaukee	—	12	—	—	59	—	—	23	—	—	3	—	—	1	—	—	82	—	—	18	—
New York City	16	11	15	36	31	30	34	42	37	14	16	17	#	#	#	83	77	79	14	22	21
Philadelphia	—	16	19	—	56	51	—	18	19	—	7	9	—	#	#	—	88 *	60	—	12 *	38
San Diego	27 *	23	22	16 *	10	8	38 *	43	44	19	19	18	#	1	#	52 *	60	64	44 *	40	36

— Not available. District did not participate.

Rounds to zero.

* Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

² In Cleveland, all students were categorized as eligible for the National School Lunch Program.

NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. Results are not shown for students whose race/ethnicity was unclassified or two or more races, and for students whose eligibility status for free/reduced-price school lunch was not available. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003, 2013, and 2015 Mathematics Assessments.

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Selected percentile scores in NAEP mathematics for fourth- and eighth-grade public school students, by jurisdiction: Various years, 2003–15

Jurisdiction	Grade 4							Grade 8						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
	10th percentile							10th percentile						
Nation (public)	196 ***	199 ***	201	201	202 ***	202 ***	201 *	228 ***	230 ***	234	235	236 ***	236 ***	234 *
Large city ¹	186 ***	188 ***	189 ***	191 ***	194	195	194 **	214 ***	216 ***	220 ***	222	226	227	225 **
Albuquerque	—	—	—	—	196	193	191 **	—	—	—	—	230	226	224 **
Atlanta	180 ***	185 ***	187	189	190	194	189 **	200 ***	200 ***	215	219	224	224	220 **
Austin	—	208	204	206	210	207	206 *,**	—	230	235	239	240	237	235 *
Baltimore City	—	—	—	192 ***	193 ***	185 ***	177 **,	—	—	—	217	220 ***	216	209 **,
Boston	189 ***	196	198	203	202	201	198	214 ***	220	230	230	230	232	227
Charlotte	207	208	208	208	211	209	208 **,	226 ***	230	233	237	236	238	235 *
Chicago	179 ***	178 ***	182 ***	184 ***	185	190	190 **	210 ***	215 ***	215 ***	219 ***	227	224	228 **
Cleveland	182	187	181	177 ***	181	179 ***	185 **,	216	208	218	216	216	210	212 **,
Dallas	—	—	—	—	202	201	204 *	—	—	—	—	234	233	230
Detroit	—	—	—	165 ***	171	172	172 **,	—	—	—	196 ***	208	199	205 **,
District of Columbia (DCPS)	168 ***	175 ***	172 ***	177	174 ***	181	185 **,	198	200	203	198	204	210	203 **,
Duval County (FL)	—	—	—	—	—	—	208 **,	—	—	—	—	—	—	235 *
Fresno	—	—	—	181	180	184	181 **,	—	—	—	210	208	216	213 **,
Hillsborough County (FL)	—	—	—	—	208	207	208 **,	—	—	—	—	236 ***	237 ***	228 **
Houston	196	200	202	205	205	201	202 *	227	224 ***	231	234	238 ***	238 ***	230 *
Jefferson County (KY)	—	—	—	192	199	193	199 *	—	—	—	223	226	226	221 **
Los Angeles	180	180	179	182	184	190 ***	184 **,	198 ***	201 ***	209 ***	213	213	214	218 **,
Miami-Dade	—	—	—	202 ***	199 ***	202 ***	208 **,	—	—	—	229	227	228	228
Milwaukee	—	—	—	183	184	182	—	—	—	—	212	211	214	—
New York City	191	194	199	199 ***	195	197	194 **,	215 ***	219 ***	221	223	225	225	226 **
Philadelphia	—	—	—	186	189 ***	187	179 **,	—	—	—	220	218	219	219 **,
San Diego	190	194	189	195	198	200 ***	192 **,	216 ***	221	223	232	229	223	229
	25th percentile							25th percentile						
Nation (public)	215 ***	219 ***	221	221	222 ***	222 ***	221 *	253 ***	254 ***	257	258 ***	259 ***	260 ***	257 *
Large city ¹	204 ***	207 ***	209 ***	211 ***	213	214	214 **	237 ***	240 ***	243 ***	246	249	251 ***	248 **
Albuquerque	—	—	—	—	215	214	212 **,	—	—	—	—	250	248	248 **
Atlanta	195 ***	200 ***	202	205	207	211 ***	206 **,	220 ***	221 ***	234 ***	237	243	243	241 **,
Austin	—	224	221 ***	222	227	225	225 **,	—	255	259	262 ***	261	260	257 *
Baltimore City	—	—	—	206 ***	209 ***	203 ***	195 **,	—	—	—	236	238	236	231 **,
Boston	203 ***	212 ***	216	219	221	219	216 **,	236 ***	243 ***	251	253	255	256	252
Charlotte	223 ***	225	225	226	229	229	228 **,	252	254	256	258	259	262 ***	258 *
Chicago	196 ***	195 ***	200 ***	203 ***	204 ***	209	210 **,	233 ***	236 ***	238 ***	241 ***	248	245	250 **
Cleveland	197	202	198	196 ***	198	197 ***	201 **,	233	228	237	237	234	230	232 **,
Dallas	—	—	—	—	218	216	220 **,	—	—	—	—	253	254 ***	248 **
Detroit	—	—	—	182	186	187	187 **,	—	—	—	216 ***	227	219	223 **,
District of Columbia (DCPS)	185 ***	192 ***	192 ***	197 ***	197 ***	203	207 **,	219 ***	222 ***	225	223 ***	227	233	229 **,
Duval County (FL)	—	—	—	—	—	—	225 **,	—	—	—	—	—	—	253 **,
Fresno	—	—	—	200	199	201	199 **,	—	—	—	233	230	237	233 **,
Hillsborough County (FL)	—	—	—	—	226	225	225 **,	—	—	—	—	258 ***	260 ***	250 **
Houston	210 ***	216	218	220	220	218	219 **,	244 ***	246 ***	252	256 ***	259 ***	259 ***	252 **,
Jefferson County (KY)	—	—	—	211	217	214	216	—	—	—	246	249	248	244 **
Los Angeles	196 ***	198 ***	200	202	203	209	204 **,	219 ***	225 ***	232 ***	234	236	239	240 **,
Miami-Dade	—	—	—	219 ***	218 ***	220 ***	225 **,	—	—	—	250	249	250	250 **
Milwaukee	—	—	—	202	201	202	—	—	—	—	231	231	234	—
New York City	207 ***	212	218 ***	218 ***	214	216 ***	212 **,	241 ***	241 ***	244	246	246	248	249 **,
Philadelphia	—	—	—	203 ***	207 ***	204 ***	197 **,	—	—	—	241	240	241	241 **,
San Diego	207 ***	213	213	217	219 ***	221 ***	212 **,	239 ***	247 ***	248 ***	255	252	249	255 *
	50th percentile							50th percentile						
Nation (public)	235 ***	239 ***	241	241	242	243 ***	241 *	278 ***	279 ***	281	283 ***	284 ***	285	282 *
Large city ¹	224 ***	228 ***	231 ***	232 ***	234	236	235 **,	262 ***	265 ***	269 ***	271	274	276	274 **,
Albuquerque	—	—	—	—	236 ***	236 ***	232 **,	—	—	—	—	275	273	272 **,
Atlanta	214 ***	219 ***	222	223	225	232 ***	226 **,	244 ***	245 ***	254 ***	259	265	265	263 **,
Austin	—	242 ***	241 ***	240 ***	246	246	246 **,	—	281	282	288 ***	287 ***	285	283 *
Baltimore City	—	—	—	223 ***	226 ***	223 ***	215 **,	—	—	—	256	260 ***	259 ***	254 **,
Boston	219 ***	230 ***	233	236	238	238	236 **,	260 ***	270 ***	276 ***	280	282	283	281 *
Charlotte	242 ***	245	245 ***	245	248	249	250 **,	280 ***	282	283	282 ***	285	289	286 **,
Chicago	214 ***	215 ***	220 ***	223 ***	225 ***	230	232 **,	255 ***	258 ***	261 ***	263 ***	270	268	274 **,
Cleveland	215 ***	221	216	215 ***	216 ***	217	219 **,	252	251	258	256	255	252	253 **,
Dallas	—	—	—	—	233 ***	235	238 **,	—	—	—	—	274	276	270 **,
Detroit	—	—	—	200	203	204	205 **,	—	—	—	238	246	239	244 **,
District of Columbia (DCPS)	204 ***	210 ***	213 ***	219 ***	222 ***	227	232 **,	243 ***	244 ***	248 ***	250 ***	254	259	258 **,
Duval County (FL)	—	—	—	—	—	—	244 **,	—	—	—	—	—	—	274 **,
Fresno	—	—	—	220	218	220	218 **,	—	—	—	258	255	260	256 **,
Hillsborough County (FL)	—	—	—	—	244	244	244 **,	—	—	—	—	282 ***	285 ***	276 **,
Houston	226 ***	233 ***	235	236	237	236	238	263 ***	268 ***	274	277	280 ***	280	275 **,
Jefferson County (KY)	—	—	—	234	236	236	237 **,	—	—	—	271	274	273	270 **,
Los Angeles	215 ***	221 ***	222	223	224	229 ***	225 **,	245 ***	250 ***	257 ***	258 ***	260	266	263 **,
Miami-Dade	—	—	—	237 ***	237 ***	238 ***	243 **,	—	—	—	274	272	274	275 **,
Milwaukee	—	—	—	220	219	222	—	—	—	—	251	255	257	—
New York City	226 ***	231	237 ***	238 ***	235	237 ***	231 **,	266 ***	266 ***	268 ***	272	271	273	274 **,
Philadelphia	—	—	—	222 ***	226 ***	224 ***	217 **,	—	—	—	264	264	266	265 **,
San Diego	226 ***	234	237	238	241 ***	243 ***	233 **,	265 ***	272 ***	273 ***	281	279	280	282 *

See notes at end of table.

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Jurisdiction	Grade 4							Grade 8						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Nation (public)	254 ***	257 ***	259 ***	259 ***	260	262 ***	260 *	301 ***	303 ***	305 ***	307	308 ***	309 ***	307 *
Large city¹	244 ***	248 ***	252 ***	252 ***	253	256	255 **	287 ***	291 ***	295 ***	297 ***	300	301	300 **
Albuquerque	—	—	—	—	257 ***	257 ***	252 *,**	—	—	—	—	300 ***	300 ***	295 *,**
Atlanta	234 ***	240 ***	244 ***	245 ***	249	256 ***	250 *,**	267 ***	268 ***	277 ***	281 ***	288	289	291 *,**
Austin	—	260 ***	261 ***	260 ***	265	266	268 *,**	—	308	310	314	313	311	311 *,**
Baltimore City	—	—	—	238	242 ***	243 ***	235 *,**	—	—	—	278	284	282	278 *,**
Boston	236 ***	247 ***	251 ***	253	255	256	256 **	287 ***	296 ***	301 ***	307	308	311	309 *
Charlotte	261 ***	265	264 ***	266	267	267	269 *,**	307 ***	308 ***	309 ***	307 ***	313	317	316 *,**
Chicago	232 ***	236 ***	240 ***	242 ***	244 ***	252	254 **	277 ***	281 ***	283 ***	287 ***	293	293	299 **
Cleveland	232	237	234	232	234	237	237 *,**	272	270 ***	277	276	278	276	276 *,**
Dallas	—	—	—	—	249 ***	253	257 **	—	—	—	—	296	296	293 *,**
Detroit	—	—	—	218	220	222	222 *,**	—	—	—	260	266	261	264 *,**
District of Columbia (DCPS)	224 ***	230 ***	234 ***	241 ***	247 ***	255	258	267 ***	267 ***	271 ***	277 ***	282	286	287 *,**
Duval County (FL)	—	—	—	—	—	—	260 *	—	—	—	—	—	—	296 *,**
Fresno	—	—	—	238	238	239	238 *,**	—	—	—	284	282	283	281 *,**
Hillsborough County (FL)	—	—	—	—	262	262	263 *	—	—	—	—	307 ***	309 ***	302 **
Houston	243 ***	250 ***	251 ***	253 ***	254	254	258	283 ***	289 ***	294 ***	299	301	302	301 **
Jefferson County (KY)	—	—	—	254	255	255	256 **	—	—	—	296	299	299	300 **
Los Angeles	235 ***	242	243	243	244	249	246 *,**	270 ***	275 ***	282	282	286	290	287 *,**
Miami-Dade	—	—	—	255 ***	255	256	260 *	—	—	—	296	296	298	300 **
Milwaukee	—	—	—	239	238	242	—	—	—	—	273	277	280	—
New York City	246 ***	250	256 ***	258 ***	255 ***	256 ***	250 *,**	293 ***	292 ***	295 ***	300	297	299	302
Philadelphia	—	—	—	240	244 ***	243	237 *,**	—	—	—	287	289	292	291 *,**
San Diego	244 ***	252	258	259	261 ***	263 ***	254 **	290 ***	295 ***	298 ***	307	306	306	307 *
Nation (public)	270 ***	272 ***	274 ***	275 ***	276	278	277 *	321 ***	323 ***	325 ***	328	329	330 ***	328 *
Large city¹	262 ***	266 ***	269 ***	270 ***	271	274	273 **	311 ***	315 ***	318 ***	321	322	323	324 **
Albuquerque	—	—	—	—	274 ***	274 ***	268 *,**	—	—	—	—	321	323 ***	316 *,**
Atlanta	256 ***	260 ***	264 ***	266	271	276	272	288 ***	290 ***	302 ***	302 ***	309 ***	313	320 **
Austin	—	276 ***	276 ***	276 ***	280	282	286 *,**	—	331	331	335	336	332	337 *,**
Baltimore City	—	—	—	252	258	260 ***	252 *,**	—	—	—	299	305	305	304 *,**
Boston	252 ***	263 ***	267	269	272	272	272	314 ***	323 ***	325 ***	330	331	333	335 *
Charlotte	276 ***	281	279	282	281	283	285 *,**	328 ***	330 ***	333	329 ***	337	340	340 *,**
Chicago	248 ***	254 ***	257 ***	259 ***	261 ***	271	273 **	297 ***	301 ***	304 ***	308 ***	314	315	324
Cleveland	248	252	249	247 ***	250	253	253 *,**	290 ***	291	294	294	299	297	298 *,**
Dallas	—	—	—	—	263 ***	268	272	—	—	—	—	315	314	314 *,**
Detroit	—	—	—	232	236	237	238 *,**	—	—	—	281	285	281	285 *,**
District of Columbia (DCPS)	243 ***	248 ***	256 ***	264 ***	270 ***	278	280 *	288 ***	291 ***	294 ***	303 ***	311	314	316 *,**
Duval County (FL)	—	—	—	—	—	—	277	—	—	—	—	—	—	316 *,**
Fresno	—	—	—	254	255	256	254 *,**	—	—	—	308	306	303	304 *,**
Hillsborough County (FL)	—	—	—	—	277	277	279 *	—	—	—	—	327	329	323 **
Houston	259 ***	266 ***	265 ***	266 ***	269 ***	271	277	303 ***	309 ***	317	320	319	324	326
Jefferson County (KY)	—	—	—	272	271	271	272 **	—	—	—	318 ***	321	322	324 **
Los Angeles	253 ***	260	261	261	261	266	263 *,**	292 ***	300	307	305	310	312	309 *,**
Miami-Dade	—	—	—	270 ***	270 ***	271	275 **	—	—	—	316 ***	317	318	320 **
Milwaukee	—	—	—	256	255	260	—	—	—	—	293	298	301	—
New York City	262 ***	266	272	275 ***	273	274 ***	268 *,**	316 ***	317 ***	320	324	322	324	328
Philadelphia	—	—	—	257	262	261	256 *,**	—	—	—	312	313	314	318
San Diego	262 ***	269	273	276	277	279 ***	274	311 ***	317 ***	321	327	328	327	329

— Not available. District did not participate.

* Significantly different ($p < .05$) from large city in 2015.

** Significantly different ($p < .05$) from nation (public) in 2015.

*** Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. DCPS

= District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores in NAEP mathematics for fourth- and eighth-grade public school students, by jurisdiction: Various years, 2003–15

Jurisdiction	Grade 4							Grade 8						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Nation (public)	234 ***	237 ***	239 ***	239 ***	240	241 ***	240 *	276 ***	278 ***	280 ***	282	283 ***	284 ***	281 *
Large city¹	224 ***	228 ***	230 ***	231 ***	233	235	234 **	262 ***	265 ***	269 ***	271 ***	274	276	274 **
Albuquerque	—	—	—	—	235 ***	235 ***	231 *,**	—	—	—	—	275 ***	274	271 **
Atlanta	216 ***	221 ***	224 ***	225	228	233 ***	228 ***	244 ***	245 ***	256 ***	259 ***	266	267	266 **
Austin	—	242 ***	241 ***	240 ***	245	245	246 *,**	—	281	283	287 ***	287	285	284 *,**
Baltimore City	—	—	—	222 ***	226 ***	223 ***	215 **,	—	—	—	257	261 ***	260	255 **,
Boston	220 ***	229	233	236	237	237	236 **	262 ***	270 ***	276 ***	279	282	283	281 *
Charlotte	242 ***	244	244 ***	245	247	247	248 **,	279 ***	281 ***	283	283 ***	285	289	286 **,
Chicago	214 ***	216 ***	220 ***	222 ***	224 ***	231	232 **	254 ***	258 ***	260 ***	264 ***	270	269 ***	275 **
Cleveland	215 ***	220	215	213 ***	216 **	216	219 **,	253	249 ***	257	256	256	253	254 **,
Dallas	—	—	—	—	233 ***	234 ***	238 *	—	—	—	—	274 ***	275 ***	271 **
Detroit	—	—	—	200 ***	203	204	205 **,	—	—	—	238	246	240	244 **,
District of Columbia (DCPS)	205 ***	211 ***	214 ***	220 ***	222 ***	229 ***	232 **	243 ***	245 ***	248 ***	251 ***	255	260	258 **,
Duval County (FL)	—	—	—	—	—	—	243 **,	—	—	—	—	—	—	275 **
Fresno	—	—	—	219	218	220	218 **,	—	—	—	258	256	260	257 **,
Hillsborough County (FL)	—	—	—	—	243	243	244 **,	—	—	—	—	282 ***	284 ***	276 **
Houston	227 ***	233 ***	234 ***	236	237	236	239 *	264 ***	267 ***	273	277	279	280 ***	276 **
Jefferson County (KY)	—	—	—	233	235	234	236 **	—	—	—	271	274	273	272 **
Los Angeles	216 ***	220 ***	221	222	223	228 ***	224 **,	245 ***	250 ***	257 ***	258 ***	261	264	263 **,
Miami-Dade	—	—	—	236 ***	236 ***	237 ***	242 *	—	—	—	273	272	274	274 **
Milwaukee	—	—	—	220	220	221	—	—	—	—	251	254	257	—
New York City	226 ***	231	236 ***	237 ***	234 ***	236 ***	231 **,	266 ***	267 ***	270 ***	273	272	274	275 **
Philadelphia	—	—	—	222	225 ***	223 ***	217 **,	—	—	—	265	265	266	267 **,
San Diego	226 ***	232	234	236	239 ***	241 ***	233 **	264 ***	270 ***	272 ***	280	278	277	280 *

— Not available. District did not participate.

* Significantly different ($p < .05$) from large city in 2015.

** Significantly different ($p < .05$) from nation (public) in 2015.

*** Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education.

DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Achievement-level results in NAEP mathematics for fourth-grade public school students, by jurisdiction: Various years, 2003–15

Jurisdiction	Percentage of students																				
	At or above <i>Basic</i>							At or above <i>Proficient</i>							At <i>Advanced</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Nation (public)	76 ***	79 ***	81	81	82 ***	82 ***	81 *	31 ***	35 ***	39	38	40	41 ***	39 *	4 ***	5 ***	5 ***	6 ***	6 ***	8	7 *
Large city ¹	63 ***	68 ***	70 ***	72 ***	74	75	75 **	20 ***	24 ***	28 ***	29 ***	30	33	32 **	2 ***	3 ***	4 ***	5	5	6	5 **
Albuquerque	—	—	—	—	76	75	72 **	—	—	—	—	34 ***	34 ***	28 *,**	—	—	—	—	6	6	4 *,**
Atlanta	50 ***	57 ***	61	63	66	72 ***	65 *,**	13 ***	17 ***	20 ***	21 ***	25	31 ***	26 *,**	2 ***	3	3	4	5	7	5 **
Austin	—	85	83	83	87	85	85 *,**	—	40 ***	40 ***	38 ***	46	46	47 *,**	—	7 ***	7 ***	6 ***	9	10	13 *,**
Baltimore City	—	—	—	64 ***	68 ***	62 ***	51 *,**	—	—	—	13	17 ***	19 ***	12 *,**	—	—	—	1	1	2	1 *,**
Boston	59 ***	72 ***	77	81	81	80	78	12 ***	22 ***	27 ***	31	33	34	33 **	1 ***	2 ***	3	4	5	5	5 **
Charlotte	84	86	85	86	88	87	87 *,**	41 ***	44 ***	44 ***	45 ***	48	50	51 *,**	6 ***	9	8 ***	10	9	11	12 *,**
Chicago	50 ***	52 ***	58 ***	62 ***	64 ***	70	71 *,**	10 ***	13 ***	16 ***	18 ***	20 ***	28	30 **	1 ***	1 ***	1 ***	2 ***	2 ***	5	6
Cleveland	51 ***	60	53	51 ***	53	54	58 *,**	10	13	10	8 ***	11	13	13 *,**	#	#	#	#	#	1	1 *,**
Dallas	—	—	—	—	79	78	82 *	—	—	—	—	25 ***	30	34 **	—	—	—	—	2 ***	3	5 **
Detroit	—	—	—	31	34	35	36 *,**	—	—	3	3	4	5 *,**	—	—	—	—	#	#	#	—
District of Columbia (DCPS)	36 ***	45 ***	49 ***	57 ***	59 ***	64	68 *,**	7 ***	10 ***	14 ***	19 ***	23 ***	30 ***	33 **	1 ***	1 ***	3 ***	4 ***	5 ***	8	9 *,**
Duval County (FL)	—	—	—	—	—	—	86 *,**	—	—	—	—	—	—	41 *	—	—	—	—	—	—	7
Fresno	—	—	—	58	56	59	55 *,**	—	—	—	14	15	15	14 *,**	—	—	—	1	1	1	1 *,**
Hillsborough County (FL)	—	—	—	—	86	85	86 *,**	—	—	—	—	43	43	43 *	—	—	—	—	7	7	8
Houston	70 ***	77	80	82	82	80	80 *	18 ***	26 ***	28 ***	30	32	32	36	1 ***	3 ***	3 ***	3 ***	3 ***	4	7
Jefferson County (KY)	—	—	—	72	78	75	77 **	—	—	—	31	32	33	34 **	—	—	—	6	4	4	5 **
Los Angeles	52 ***	58 ***	60	61	63	69 ***	64 *,**	13 ***	18	19	19	20	25	22 *,**	1 ***	2	2	2	2	3	2 *,**
Miami-Dade	—	—	—	81 ***	79 ***	81 ***	86 *,**	—	—	—	33 ***	33 ***	34 ***	41 *	—	—	—	3 ***	4	5	5 **
Milwaukee	—	—	—	59	58	61	—	—	—	—	15	14	18	—	—	—	—	1	1	2	—
New York City	67 ***	73	79 ***	79 ***	76	77 ***	73 **	21 ***	26	34 ***	35 ***	32 ***	34 ***	26 *,**	2	3	5	6 ***	6	6	4 **
Philadelphia	—	—	—	61 ***	66 ***	62 ***	54 *,**	—	—	—	16	20	19	15 *,**	—	—	—	2	2	2	2 *,**
San Diego	66 ***	74	74	77	80 ***	81 ***	73 **	20 ***	29	35	36	39 ***	42 ***	31 **	2 ***	4	5	6	7	8	6

— Not available. District did not participate.
Rounds to zero.
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** Significantly different ($p < .05$) from nation (public) in 2015.
*** Significantly different ($p < .05$) from 2015.
¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.
NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. DCPS = District of Columbia Public Schools.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Achievement-level results in NAEP mathematics for eighth-grade public school students, by jurisdiction: Various years, 2003–15

Jurisdiction	Percentage of students																				
	At or above <i>Basic</i>							At or above <i>Proficient</i>							At <i>Advanced</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Nation (public)	67 ***	68 ***	70	71 ***	72 ***	73 ***	70 *	27 ***	28 ***	31 ***	33	34 ***	34 ***	32 *	5 ***	6 ***	7 ***	7	8	8	8 *
Large city¹	50 ***	53 ***	57 ***	60	63	65	62 **	16 ***	19 ***	22 ***	24	26	27	26 **	3 ***	4 ***	5 ***	5	6	6	6 **
Albuquerque	—	—	—	—	63	62	61 **	—	—	—	—	26	26 ***	21 *,**	—	—	—	—	5	6	4 *,**
Atlanta	30 ***	31 ***	41 ***	46	54	54	51 *,**	6 ***	7 ***	11 ***	11 ***	16 ***	17	20 *,**	1 ***	1 ***	2 ***	1 ***	2 ***	4	6 **
Austin	—	68	72	75 ***	74	73	70 *	—	33	34	39 ***	38	35	35 *	—	9	9	11	11	9	12 *,**
Baltimore City	—	—	—	43	48 ***	46	41 *,**	—	—	—	10	13	13	12 *,**	—	—	—	1 ***	2	3	3 *,**
Boston	48 ***	58 ***	65	67	69	70	67 *,**	17 ***	23 ***	27 ***	31	34	36	34 *	4 ***	6 ***	7 ***	9	9	10	11 *,**
Charlotte	67	69	70	72	72	75	71 *	32 ***	33 ***	34 ***	33 ***	37	40	39 *,**	7 ***	9 ***	10 ***	8 ***	12	14	14 *,**
Chicago	42 ***	45 ***	49 ***	51 ***	60	57	62 **	9 ***	11 ***	13 ***	15 ***	20	20	25 **	1 ***	2 ***	2 ***	2 ***	3	4	7
Cleveland	38	34	45	42	41	39	40 *,**	6 ***	6 ***	7	8	10	9	9 *,**	#	#	#	1	1	1	1 *,**
Dallas	—	—	—	—	64	67 ***	60 **	—	—	—	—	22	23	20 *,**	—	—	—	—	3	3	3 *,**
Detroit	—	—	—	23	29	24	27 *,**	—	—	—	4	4	3	4 *,**	—	—	—	#	#	#	#
District of Columbia (DCPS)	29 ***	31 ***	34 ***	38 ***	42	47	46 *,**	6 ***	7 ***	8 ***	12 ***	15	17	17 *,**	1 ***	2 ***	1 ***	3	4	4	5 **
Duval County (FL)	—	—	—	—	—	—	64 **	—	—	—	—	—	—	22 *,**	—	—	—	—	—	—	4 *,**
Fresno	—	—	—	46	43	48	44 *,**	—	—	—	15	13	12	12 *,**	—	—	—	3 ***	2	1	1 *,**
Hillsborough County (FL)	—	—	—	—	72 ***	73 ***	64 **	—	—	—	—	32	34 ***	27 **	—	—	—	—	7	8	6 **
Houston	52 ***	58 ***	65	69 ***	72 ***	72 ***	65 **	12 ***	16 ***	21 ***	24	27	28	27 **	2 ***	2 ***	4	5	5	6	7
Jefferson County (KY)	—	—	—	60	62	61	58 **	—	—	—	22	25	25	26 **	—	—	—	5	5	6	6
Los Angeles	32 ***	38 ***	45 ***	46 ***	49	54	52 *,**	7 ***	11 ***	14	13	16	18	15 *,**	1 ***	2	2	2	3	3	3 *,**
Miami-Dade	—	—	—	64	61	63	64 **	—	—	—	22	22	24	26 **	—	—	—	3	4	4	5 **
Milwaukee	—	—	—	37	41	44	—	—	—	—	7	10	11	—	—	—	—	#	1	2	—
New York City	54 ***	54 ***	57	60	59	61	62 **	20 ***	20 ***	22	26	24	25	27 **	4 ***	5 ***	6	7	6	7	8
Philadelphia	—	—	—	52	52	54	53 *,**	—	—	—	17	18	19	20 *,**	—	—	—	3	4	3	5
San Diego	53 ***	61 ***	62 ***	68	66	65	70 *	18 ***	22 ***	24 ***	32	31	31	32 *	2 ***	4 ***	5 ***	7	8	7	8

— Not available. District did not participate.

Rounds to zero.

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NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. DCPS = District of Columbia Public Schools.

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National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for fourth-grade public school students, by selected race/ethnicity categories and jurisdiction:
Various years, 2003–15

Race/ethnicity and jurisdiction	Average scale score							Percentage of students													
								At or above <i>Basic</i>							At or above <i>Proficient</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
White																					
Nation (public)	243 ***	246 ***	248	248	249	250 ***	248 *	87 ***	89	91 ***	90	91 ***	91 ***	90	42 ***	47 ***	51	50	52	54 ***	51 *
Large city¹	243 ***	247 ***	249	250	251	254	251 **	86 ***	88 ***	90	90	91	91	91	42 ***	50 ***	54	55	55	60	56 **
Albuquerque	—	—	—	—	254	253	249	—	—	—	—	92	90	89	—	—	—	—	61	60	55
Atlanta	258	263	266	266	269	269	267 **, **	89	96	99	98	98	99	98 **, **	70	72	81	79	84	85	81 **, **
Austin	—	262	263	262 ***	266	264	268 **, **	—	99	98	97	99	96	97 **, **	—	75	76	74	80	77	81 **, **
Baltimore City	—	—	—	240	244 ***	250 ***	232 **, **	—	—	—	84	86	86	73 **, **	—	—	—	34	44	54 ***	28 **, **
Boston	234 ***	244 ***	250	251	255	255	253	77 ***	88	93	92	93	90	93	32 ***	43 ***	52	52	63	63	58
Charlotte	257 ***	261	261	263	264	264	264 **, **	96	97	98	97	97	97	96 **, **	66 ***	70	72	72	76	76	76 **, **
Chicago	235 ***	243 ***	244 ***	242 ***	246 ***	261	262 **, **	82 ***	88 ***	84 ***	83 ***	86	94	94	31 ***	43 ***	47 ***	44 ***	52 ***	68	72 **, **
Cleveland	233	233	233	228	232	233	233 **, **	80	81	80	73	76	76	78 **, **	27	25	25	17	28	31	28 **, **
Dallas	—	—	—	—	258	†	259	—	—	—	—	97	†	90	—	—	—	—	67	†	64
Detroit	—	—	—	†	†	†	†	—	—	—	†	†	†	†	—	—	—	†	†	†	†
District of Columbia (DCPS)	262 ***	266 ***	262 ***	270	272	277	275 **, **	97	99	91 ***	99	99	98	98 **, **	71 ***	78	73 ***	81	85	89	86 **, **
Duval County (FL)	—	—	—	—	—	—	254 **	—	—	—	—	—	—	95 **, **	—	—	—	—	—	—	59 **
Fresno	—	—	—	237	238	241	235 **, **	—	—	—	79	80	85	74 **, **	—	—	—	36	39	39	36 **, **
Hillsborough County (FL)	—	—	—	—	253	254	253 **	—	—	—	—	95	95	94 **, **	—	—	—	—	59	58	58
Houston	254 ***	262	263	260	259	261	266 **, **	96	97	96	99	96	95	98 **, **	63	73	76	71	68	71	76 **, **
Jefferson County (KY)	—	—	—	243	243	245	245 **, **	—	—	—	84	87	86	86 *	—	—	—	44	41	48	47 *
Los Angeles	241	247	247	245	243	254	247	83	87	90	87	86	92	90	44	49	50	45	45	61	51
Miami-Dade	—	—	—	253	255	251	257 **, **	—	—	—	96	96	94	96 **, **	—	—	—	61	60	57	65 **
Milwaukee	—	—	—	242	239	246	—	—	—	—	86	81	87	—	—	—	—	42	38	46	—
New York City	244	245	249 ***	254 ***	248	251	242 **, **	88	87	91	94 ***	87	90	87	42	46	53 ***	58 ***	50	55 ***	39 **, **
Philadelphia	—	—	—	239	243	237	235 **, **	—	—	—	80	84	80	76 **, **	—	—	—	37	43	35	33 **, **
San Diego	243 ***	249	252	255	258	260	254 **	87	94	90	94	95	96	92	41 ***	50	59	62	66	71	61
Black																					
Nation (public)	216 ***	220 ***	222 ***	222 ***	224	224	224 *	54 ***	60 ***	63	63	66	66	65 *	10 ***	13 ***	15 ***	15 ***	17	18	19 *
Large city¹	212 ***	217 ***	219 ***	219 ***	222	223	222 **	47 ***	55 ***	58	59	63	64	61 **	8 ***	11 ***	13 ***	14	16	17	16 **
Albuquerque	—	—	—	—	†	†	†	—	—	—	—	†	†	†	—	—	—	—	†	†	†
Atlanta	211 ***	215	217	218	219	222 ***	218 **, **	45 ***	51	55	57	58	63 ***	55 **, **	7 ***	9	11	11	11	15	11 **, **
Austin	—	228	226	226	232	228	226	—	74	68	71	78	72	71	—	18	17	13	22	21	18
Baltimore City	—	—	—	220 ***	223 ***	220 ***	212 **, **	—	—	—	61 ***	66 ***	59 ***	47 **, **	—	—	—	10	14	15	10 **, **
Boston	216 ***	223 ***	226	231	230	228	228 **, **	55 ***	65	71	78	76	73	70 *	6 ***	13 ***	18	23	21	22	22 *
Charlotte	229 ***	230 ***	230 ***	231 ***	232	235	236 **, **	73	74	75	75	80	79	80 **, **	20 ***	21 ***	23 ***	24	24	29	34 **, **
Chicago	207 ***	208 ***	213 ***	212 ***	217	221	221	39 ***	41 ***	48 ***	48 ***	55	59	61	4 ***	6 ***	8 ***	9 ***	13	17	16
Cleveland	210 ***	215	210	209 ***	211	210	215 **, **	44 ***	52	45	44	46	46	52 **, **	5	8	5	5	6	7	9 **, **
Dallas	—	—	—	—	225	226	228 *	—	—	—	—	70	67	72 *	—	—	—	—	13	20	21
Detroit	—	—	—	199	201	201	202 **, **	—	—	—	29	31	30	32 **, **	—	—	—	3	2	3	4 **, **
District of Columbia (DCPS)	202 ***	207 ***	209 ***	212 ***	212 ***	218	220 **	33 ***	41 ***	45 ***	49 ***	50 ***	56	58 **	4 ***	5 ***	8 ***	9 ***	12 ***	18	18
Duval County (FL)	—	—	—	—	—	—	230 **, **	—	—	—	—	—	—	76 **, **	—	—	—	—	—	—	21
Fresno	—	—	—	213	214	211	213 **	—	—	—	46	49	44	52 **	—	—	—	12	11	6	9 **, **
Hillsborough County (FL)	—	—	—	—	228	227	230 **, **	—	—	—	—	70	71	75 **, **	—	—	—	—	20	20	22
Houston	221 ***	224 ***	225	227	229	227	231 **, **	62 ***	67	69	72	75	70	76 **, **	12 ***	14	16	17	20	20	23
Jefferson County (KY)	—	—	—	216 ***	221	220	225	—	—	—	54 ***	62	60	67	—	—	—	11	13	14	17
Los Angeles	208	209	216	209	215	223	216 **	42	42	54	41	53	63	52	6	9	13	10	11	19	14
Miami-Dade	—	—	—	222 ***	225	227	230 **, **	—	—	—	64	67	72	75 **, **	—	—	—	12 ***	17	18	22
Milwaukee	—	—	—	211	211	209	—	—	—	—	46	47	45	—	—	—	—	7	6	6	—
New York City	219	222	227 ***	227 ***	226 ***	225	220 **	58	63	72	70 ***	69	67	61	12	14	20 ***	21 ***	19	17	12 **, **
Philadelphia	—	—	—	216	220 ***	218 ***	211 **, **	—	—	—	54	60 ***	57 ***	46 **, **	—	—	—	10	12	12	7 **, **
San Diego	216	221	222	222	222	228 ***	217	54	60	65	64	65	71	55	8	15	21	15	17	21	12

See notes at end of table.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for fourth-grade public school students, by selected race/ethnicity categories and jurisdiction:
Various years, 2003–15—Continued

Race/ethnicity and jurisdiction	Average scale score							Percentage of students													
								At or above <i>Basic</i>							At or above <i>Proficient</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Hispanic																					
Nation (public)	221 ***	225 ***	227 ***	227 ***	229	230	230	62 ***	67 ***	69 ***	70	72	73	73	15 ***	19 ***	22 ***	21 ***	24	26	26
Large city¹	219 ***	223 ***	224 ***	226 ***	228	229	230	59 ***	64 ***	66 ***	69 ***	71	72	72	13 ***	17 ***	21 ***	21 ***	23	25	26
Albuquerque	—	—	—	—	229	229	226 *,**	—	—	—	70	71	71	68	—	—	—	—	24	26	21 *,**
Atlanta	‡	‡	223	222	230	233	225	‡	‡	60	66	71	75	66	‡	‡	16	16	27	29	20
Austin	—	234	233	233	237	237	237 *,**	—	80	78	79	82	80	80 *,**	—	27	26	25	32	33	32 *,**
Baltimore City	—	—	—	‡	‡	227	223	—	—	—	‡	‡	65	67	—	—	—	‡	‡	28	15
Boston	215 ***	225	230	232	234	233	230	51 ***	70	76	77	80	79	74	7 ***	14 ***	23	24	26	27	24
Charlotte	233 ***	234 ***	234 ***	235 ***	240	242	243 *,**	80	81	80	82	87	86	86 *,**	26 ***	27 ***	26 ***	27 ***	38	42	44 *,**
Chicago	217 ***	217 ***	219 ***	226	223 ***	230	230	55 ***	55 ***	60 ***	70	65	72	72	10 ***	13 ***	16 ***	18 ***	17 ***	25	27
Cleveland	220	224	215	217	218	221	221 *,**	58	68	53	56	58	62	61 *,**	14	18	10	13	11	17	15 *,**
Dallas	—	—	—	—	234 ***	235	238 *,**	—	—	—	—	81	80	84 *,**	—	—	—	—	26 ***	31	35 *,**
Detroit	—	—	—	206	215	214	215 *,**	—	—	—	39	53	50	53 *,**	—	—	—	5	7	8	7 *,**
District of Columbia (DCPS)	205 ***	215 ***	220 ***	227	223 ***	226	233	39 ***	51 ***	57 ***	69	63 ***	68	74	7 ***	11 ***	19 ***	25	22	23	32
Duval County (FL)	—	—	—	—	—	—	240 *,**	—	—	—	—	—	—	86 *,**	—	—	—	—	—	—	38 *,**
Fresno	—	—	—	216	214	217	214 *,**	—	—	—	55	51	55	51 *,**	—	—	—	10	10	12	10 *,**
Hillsborough County (FL)	—	—	—	—	239	238	237 *,**	—	—	—	—	85	82	82 *,**	—	—	—	—	37	34	33 *,**
Houston	226 ***	232 ***	234	235	236	235	235 *,**	70 ***	78	82	83	82	80	78 *,**	15 ***	23 ***	25 ***	28	30	29	32 *,**
Jefferson County (KY)	—	—	—	226	238 ***	224	226	—	—	—	65	83 ***	66	66	—	—	—	23	36	20	21
Los Angeles	211 ***	216	217	218	220	224 ***	218 *,**	46 ***	53	55	58	59	65 ***	58 *,**	7 ***	13	14	14	15	18	14 *,**
Miami-Dade	—	—	—	239 ***	237 ***	238 ***	243 *,**	—	—	—	84	81 ***	82	87 *,**	—	—	—	35 ***	35 ***	36 ***	44 *,**
Milwaukee	—	—	—	226	221	227	—	—	—	—	71	60	70	—	—	—	—	16	14	21	—
New York City	220 ***	226	230 ***	230 ***	227	228	226 *,**	60	70	74	74 ***	70	72	69	13	18	26 ***	24	22	23	18 *,**
Philadelphia	—	—	—	221 ***	223 ***	217	211 *,**	—	—	—	60	64 ***	54	47 *,**	—	—	—	15	16	13	9 *,**
San Diego	216 ***	222	223	224	229 ***	228 ***	222 *,**	53	63	64	66	72	70	63 *,**	9 ***	16	21	19	24 ***	24 ***	16 *,**
Asian/Pacific Islander																					
Nation (public)	246 ***	251 ***	254	255	256	258	256 *	87 ***	89	91	91	91	91	90	48 ***	54 ***	59	61	62	64	61
Large city¹	246	247	251	253	249	256	251 **	86	87	89	90	86	90	88	47	49	57	58	52	62	56
Albuquerque	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡
Atlanta	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Austin	—	‡	268	‡	‡	‡	‡	—	‡	99	‡	‡	‡	‡	—	‡	83	‡	‡	‡	‡
Baltimore City	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
Boston	243 ***	256	255	260	259	259	259 *	87	98	91	94	95	96	95 *	43 ***	65	61	65	69	67	70
Charlotte	252 ***	256	263	257	258	255	268 *,**	90	96	98	91	93	90	95 *	60	62	75	63	65	61	77 *,**
Chicago	‡	‡	249 ***	255	247 ***	256	264 *	‡	‡	92	96	87	88	97 *,**	‡	‡	53 ***	60	50 ***	60	73 *
Cleveland	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Dallas	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡
Detroit	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
District of Columbia (DCPS)	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Duval County (FL)	—	—	—	—	—	—	‡	—	—	—	—	—	—	‡	—	—	—	—	—	—	‡
Fresno	—	—	—	220	223	221	226 *,**	—	—	—	59	64	62	68 *,**	—	—	—	16	16	18	18 *,**
Hillsborough County (FL)	—	—	—	—	‡	262	‡	—	—	—	—	‡	97	‡	—	—	—	—	‡	73	‡
Houston	‡	‡	265	264	264	‡	‡	‡	‡	100	98	97	‡	‡	‡	‡	75	78	77	‡	‡
Jefferson County (KY)	—	—	—	‡	255	‡	‡	—	—	—	‡	87	‡	‡	—	—	—	‡	67	‡	‡
Los Angeles	241 ***	246	246	248	251	251	254	86	88	92	87	90	89	92	38 ***	45	49	50	55	57	60
Miami-Dade	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
Milwaukee	—	—	—	231	230	234	—	—	—	—	77	71	78	—	—	—	—	28	24	33	—
New York City	247 ***	253	257	258	251	257	253	89	92	93	93	88	93	91	47 ***	60	65	68	57	66	59
Philadelphia	—	—	—	243	251	246	246 **	—	—	—	87	86	83	87	—	—	—	40	58	50	48
San Diego	238	245	247	247	248	252 ***	243 *,**	84	87	88	86	87	92	83 **	32	46	50	50	53	59	42 *,**

— Not available. District did not participate.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

* Significantly different ($p < .05$) from large city in 2015.

** Significantly different ($p < .05$) from nation (public) in 2015.

*** Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

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Average scores and achievement-level results in NAEP mathematics for eighth-grade public school students, by selected race/ethnicity categories and jurisdiction:
Various years, 2003–15

Race/ethnicity and jurisdiction	Average scale score							Percentage of students													
								At or above <i>Basic</i>							At or above <i>Proficient</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
White																					
Nation (public)	287 ***	288 ***	290	292 ***	293 ***	293 ***	291 *	79 ***	79 ***	81	82 ***	83 ***	83 ***	81	36 ***	37 ***	41	43	43 ***	44 ***	42 *
Large city¹	285 ***	288 ***	292	294	295	295	296 **	77 ***	78 ***	81	81	83	84	83	36 ***	39 ***	44	46	48	47	49 **
Albuquerque	—	—	—	—	291	295	289 *	—	—	—	—	79	81	80	—	—	—	—	44	49	40 *
Atlanta	298 ***	†	†	†	309 ***	311	318 **,*	83 ***	†	†	†	95	94	99 **,*	54 ***	†	†	†	66	68	79 **,*
Austin	—	305	308	312	313	312	313 **,*	—	90	91	94	94	95	94 **,*	—	61	65	70	69	70	66 **,*
Baltimore City	—	—	—	†	280	286	281 *	—	—	—	†	70	70	68	—	—	—	†	31	39	30
Boston	289 ***	299 ***	305	311	305	309	311 **,*	77 ***	83	89	93	88	89	90 **,*	48 ***	54 ***	58	67	61	66	69 **,*
Charlotte	301 ***	304 ***	308	304 ***	311	313	312 **,*	91	90	90	91	93	93	91 **,*	55 ***	60	62	58 ***	66	68	67 **,*
Chicago	276 ***	281 ***	287 ***	289 ***	296 ***	294 ***	317 **,*	68 ***	71 ***	79 ***	76 ***	84	81 ***	95 **,*	25 ***	33 ***	35 ***	39 ***	47 ***	49 ***	72 **,*
Cleveland	269	265	269	275	277	265	273 **,*	63	54	64	67	69	52	63 **,*	14	17	12	21	25	18	23 **,*
Dallas	—	—	—	—	306	304	†	—	—	—	—	91	88	†	—	—	—	—	65	60	†
Detroit	—	—	—	†	†	†	†	—	—	—	†	†	†	†	—	—	—	†	†	†	†
District of Columbia (DCPS)	†	317	†	†	322	315	314 **,*	†	94	†	†	97	92	91 **,*	†	69	†	†	78	72	72 **,*
Duval County (FL)	—	—	—	—	—	—	285 **,*	—	—	—	—	—	—	76 **,*	—	—	—	—	—	—	32 **,*
Fresno	—	—	—	282	281	279	281 **,*	—	—	—	70	68	70	71 *	—	—	—	38	34	30	33 *
Hillsborough County (FL)	—	—	—	—	293	296	290 *	—	—	—	—	82	85	80	—	—	—	—	44	49	43
Houston	293 ***	294 ***	308	311	309	312	313 **,*	80 ***	85	94	94	93	92	93 **,*	47 ***	50 ***	63	67	66	68	70 **,*
Jefferson County (KY)	—	—	—	284	285	285	285 **,*	—	—	—	75	76	74	73 **,*	—	—	—	33	34	35	38 *
Los Angeles	277	280	285	287	291	293	285 *	67	68	73	74	77	80	73	29	32	40	41	44	49	38 *
Miami-Dade	—	—	—	291	288 ***	295	299 **	—	—	—	84	78	83	87	—	—	—	40	39	46	51
Milwaukee	—	—	—	271	274	282	—	—	—	—	61	63	72	—	—	—	—	20	22	35	—
New York City	289	286	289	295	292	301	294	79	77	77	84	80	87	80	40	38	39	47	44	55	46
Philadelphia	—	—	—	284	281	287	282 **,*	—	—	—	71	70	76	69 **,*	—	—	—	35	32	34	31 **,*
San Diego	284 ***	292 ***	294	301	302	300	302 **,*	76 ***	83	85	89	89	86	88 **	35 ***	42	42	55	58	53	52 **
Black																					
Nation (public)	252 ***	254 ***	259	260	262 ***	263 ***	260	39 ***	41 ***	47	49	50 ***	51 ***	47	7 ***	8 ***	11 ***	12	13	14 ***	12
Large city¹	247 ***	250 ***	254 ***	256	261	261	258	34 ***	36 ***	41	44	49	49	45	5 ***	7 ***	9 ***	10	13	13	11
Albuquerque	—	—	—	—	†	†	†	—	—	—	†	†	†	†	—	—	—	—	†	†	†
Atlanta	241 ***	242 ***	253 ***	255	262 ***	261	258	26 ***	28 ***	38	42	50	48	43	3 ***	4 ***	8	7 ***	11	11	11
Austin	—	262	265	274 ***	265	267	260	—	52	57	62	53	55	49	—	12	14	21	17	17	9
Baltimore City	—	—	—	255	259 ***	257	251 **,*	—	—	—	41	45 ***	44	37 **,*	—	—	—	7	10	10	9
Boston	251 ***	256 ***	263	268	272	271	269 **,*	36 ***	45 ***	51	57	61	61	58 **,*	6 ***	9 ***	12	18	21	22	18 **,*
Charlotte	258 ***	264 ***	267	270	268	271	268 **,*	47	54	58	60	58	62	57 **,*	11 ***	14	15	17	16	20	18 **,*
Chicago	245 ***	245 ***	248 ***	252 ***	260	259	262 *	29 ***	28 ***	35 ***	38 ***	48	46	50	4 ***	3 ***	6 ***	7 ***	10	10	11
Cleveland	249	244	253	252	249	249	249 **,*	32	29	41	38	31	35	34 **,*	5	3	5	5	6	7	6 **,*
Dallas	—	—	—	—	264	263	261	—	—	—	—	52	52	47	—	—	—	—	12	13	10
Detroit	—	—	—	237	244	239	242 **,*	—	—	—	21	27	23	24 **,*	—	—	—	4	3	3	4 **,*
District of Columbia (DCPS)	240 ***	241 ***	245	244 ***	249	253	248 **,*	26 ***	27 ***	31 ***	32	36	40	37 **,*	3 ***	4 ***	6	6	9	9	8 **
Duval County (FL)	—	—	—	—	—	—	264 **,*	—	—	—	—	—	—	52 *	—	—	—	—	—	—	11
Fresno	—	—	—	246	243	247	242 **,*	—	—	—	32	29	34	25 **,*	—	—	—	7	7	6	7
Hillsborough County (FL)	—	—	—	—	263	264	260	—	—	—	—	54	54	47	—	—	—	—	10	13	10
Houston	259 ***	257 ***	265	266	271	271	265 **,*	47	47	58	59	64	63	55 *	7 ***	7 ***	13	13	17	18	17 *
Jefferson County (KY)	—	—	—	252	257	257	252 **,*	—	—	—	38	42	44	38 **,*	—	—	—	7	10	10	8
Los Angeles	234 ***	239 ***	245	247	246	256	255	21 ***	29	28	34	36	44	41	2	7	7	5	8	9	10
Miami-Dade	—	—	—	260	256	259	255	—	—	—	48	42	47	40	—	—	—	12	9	10	8
Milwaukee	—	—	—	244	246	247	—	—	—	—	28	30	31	—	—	—	—	3	5	4	—
New York City	253	257	258	261	262	263	261	40	44	45	49	50	51	48	9	10	10	12	12	13	13
Philadelphia	—	—	—	256	260	258	257	—	—	—	43	47	45	43	—	—	—	8	13	12	10
San Diego	252	253	258	263	256	260	261	39	40	48	50	42	50	52	7	8	11	16	8	14	9

See notes at end of table.

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Average scores and achievement-level results in NAEP mathematics for eighth-grade public school students, by selected race/ethnicity categories and jurisdiction:
Various years, 2003–15—Continued

Race/ethnicity and jurisdiction	Average scale score							Percentage of students													
								At or above <i>Basic</i>							At or above <i>Proficient</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Hispanic																					
Nation (public)	258 ***	261 ***	264 ***	266 ***	269	271	269	47 ***	50 ***	54 ***	56 ***	60	62	60	11 ***	13 ***	15 ***	17	20	21	19
Large city¹	256 ***	258 ***	261 ***	264	267	269	268	43 ***	46 ***	50 ***	54	58	60	57	10 ***	11 ***	13 ***	16	19	20	18
Albuquerque	—	—	—	—	269 ***	267	264 **	—	—	—	—	57	56	55 **	—	—	—	—	19	18	15 *,**
Atlanta	‡	‡	‡	‡	264	262	271	‡	‡	‡	‡	52	56	59	‡	‡	‡	‡	16	7	18
Austin	—	267	271	274	276	273	271	—	56	64	65	67	66	60	—	17	19	22	24	21	20
Baltimore City	—	—	—	‡	‡	‡	261	—	—	—	‡	‡	‡	47	—	—	—	‡	‡	‡	17
Boston	252 ***	261 ***	270	269	271	275	271	38 ***	51	60	61	62	66	60	7 ***	12 ***	20	20	24	26	24 *,**
Charlotte	262 ***	262 ***	264	272	272	279	275	46	53	50 ***	63	63	70	66	18	15	19	21	22	29	29
Chicago	259 ***	263 ***	265 ***	268 ***	271	270 ***	275 *,**	48 ***	52 ***	55 ***	59	64	61	66 *,**	8 ***	11 ***	12 ***	18 ***	20 ***	20 ***	26 *,**
Cleveland	249	251	258	250	258	252	257 *,**	35	33	44	35	44	39	44 *,**	2	7	6	4	11	9	10 *,**
Dallas	—	—	—	—	276	277 ***	272 *	—	—	—	—	67	70 ***	62	—	—	—	—	22	23	22
Detroit	—	—	—	255	258	243	253 *,**	—	—	—	44	41	29	39 *,**	—	—	—	8	8	7	6 *,**
District of Columbia (DCPS)	246 ***	252 ***	251 ***	263	253	262	263 **	33 ***	39	38 ***	56	40	52	52	3 ***	9 ***	9 ***	17	12	20	19
Duval County (FL)	—	—	—	—	—	—	266	—	—	—	—	—	—	58	—	—	—	—	—	—	13
Fresno	—	—	—	253	251	256	252 *,**	—	—	—	40	37	43	38 *,**	—	—	—	10	10	9	9 *,**
Hillsborough County (FL)	—	—	—	—	274	278 ***	266	—	—	—	—	64	69 ***	56	—	—	—	—	23	28 ***	17
Houston	261 ***	265 ***	270	275	278 ***	279 ***	273 *,**	49 ***	56	62	70	72 ***	72 ***	64 *,**	9 ***	12 ***	15 ***	21	24	25	21
Jefferson County (KY)	—	—	—	‡	270	265	266	—	—	—	‡	64	51	51	—	—	—	‡	20	17	17
Los Angeles	240 ***	245 ***	253 ***	254 ***	255	258	259 *,**	26 ***	32 ***	40 ***	41 ***	43	48	47 *,**	3 ***	6 ***	9	8	10	12	10 *,**
Miami-Dade	—	—	—	274	274	275	277 *,**	—	—	—	65	65	65	68 *,**	—	—	—	23	24	25	27 *,**
Milwaukee	—	—	—	256	259	266	—	—	—	—	43	49	56	—	—	—	—	8	11	14	—
New York City	260	259 ***	262	261	261 ***	263	267	48	47 ***	52	50	50	54	57	15	12	14	14	12	13	18
Philadelphia	—	—	—	258	256	261	259 *,**	—	—	—	48	42	49	47 **	—	—	—	12	10	14	13
San Diego	248 ***	258 ***	259	265	263	260	266	34 ***	49	48	54	52	49	58	6 ***	11	13	14	14	15	17
Asian/Pacific Islander																					
Nation (public)	289 ***	294 ***	296 ***	300 ***	302	306	305 *	77 ***	81 ***	82 ***	84	85	87	86	42 ***	46 ***	49 ***	53	55	60	58
Large city¹	281 ***	289 ***	291 ***	299	296	299	300 **	71 ***	76 ***	78	83	82	83	84	33 ***	40 ***	44 ***	52	49	53	54
Albuquerque	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡
Atlanta	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Austin	—	‡	‡	‡	‡	‡	‡	—	‡	‡	‡	‡	‡	‡	—	‡	‡	‡	‡	‡	‡
Baltimore City	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
Boston	300 ***	309	305	312	319	318	318 *,**	87	92	91	92	93	92	92 *	57	61	57	68	71	73	70 *,**
Charlotte	293 ***	‡	305	‡	304	312	314 *	81	‡	88	‡	83	85	88	43 ***	‡	56	‡	61	61	67
Chicago	286	292	‡	301	296	305	‡	78	83	‡	88	82	86	‡	36	38	‡	54	50	61	‡
Cleveland	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Dallas	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡
Detroit	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
District of Columbia (DCPS)	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Duval County (FL)	—	—	—	—	—	—	298	—	—	—	—	—	—	86	—	—	—	—	—	—	48
Fresno	—	—	—	266	264	271	271 *,**	—	—	—	54	53	63	60 *,**	—	—	—	17	17	19	21 *,**
Hillsborough County (FL)	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡	—	—	—	—	‡	‡	‡
Houston	‡	299 ***	310	‡	309	313	320 *	‡	85	87	‡	87	82	90	‡	55 ***	63	‡	66	68	75 *,**
Jefferson County (KY)	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
Los Angeles	275 ***	291	292	291	295	296	296	64 ***	82	82	78	80	86	82	25 ***	43	45	44	48	47	49
Miami-Dade	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡	—	—	—	‡	‡	‡	‡
Milwaukee	—	—	—	‡	271	‡	‡	—	—	—	‡	68	‡	—	—	—	—	‡	23	‡	—
New York City	286 ***	295	299	309	304	304	303	74	79	83	89	86	84	84	38 ***	50	53	64	57	59	56
Philadelphia	—	—	—	295	295	297	303	—	—	—	85	79	85	88	—	—	—	46	47	50	56
San Diego	278 ***	282 ***	289	292	293	293	292 *,**	69 ***	74	77	81	78	82	80 **	28 ***	31 ***	40	48	45	46	47 **

— Not available. District did not participate.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

* Significantly different ($p < .05$) from large city in 2015.

** Significantly different ($p < .05$) from nation (public) in 2015.

*** Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Percentage of public school students, average scores, and achievement-level results in NAEP mathematics, by selected racial/ethnic groups, grade, and jurisdiction: 2015

Grade and jurisdiction	Asian				Native Hawaiian/Other Pacific Islander				Two or more races			
	Percentage of students				Percentage of students				Percentage of students			
	Percentage of students	Average scale score	At or above <i>Basic</i>	At or above <i>Proficient</i>	Percentage of students	Average scale score	At or above <i>Basic</i>	At or above <i>Proficient</i>	Percentage of students	Average scale score	At or above <i>Basic</i>	At or above <i>Proficient</i>
Grade 4												
Nation (public)	5 *	259 *	92	64	#	226	65	24	3 *	244	85	44
Large city¹	7 **	253 **	90	59	1	222	58	22	2 **	244	83	43
Albuquerque	2 *,**	‡	‡	‡	#	‡	‡	‡	4 *	‡	‡	‡
Atlanta	1 *,**	‡	‡	‡	#	‡	‡	‡	1 **	‡	‡	‡
Austin	4 *,**	‡	‡	‡	#	‡	‡	‡	2	‡	‡	‡
Baltimore City	1 *,**	‡	‡	‡	#	‡	‡	‡	1 *,**	‡	‡	‡
Boston	8 **	259	95	70	#	‡	‡	‡	1 *,**	‡	‡	‡
Charlotte	6	268 *,**	95	77 *,**	#	‡	‡	‡	1 *,**	‡	‡	‡
Chicago	4 *	265 *	97 *	74 *	#	‡	‡	‡	1 *,**	‡	‡	‡
Cleveland	1 *,**	‡	‡	‡	#	‡	‡	‡	3 *	‡	‡	‡
Dallas	1 *,**	‡	‡	‡	#	‡	‡	‡	#	‡	‡	‡
Detroit	# *,**	‡	‡	‡	#	‡	‡	‡	#	‡	‡	‡
District of Columbia (DCPS)	2 *,**	‡	‡	‡	#	‡	‡	‡	2	‡	‡	‡
Duval County (FL)	4 *	‡	‡	‡	#	‡	‡	‡	4 *,**	‡	‡	‡
Fresno	9 *,**	226 *,**	69 *,**	18 *,**	#	‡	‡	‡	3	‡	‡	‡
Hillsborough County (FL)	4 *,**	‡	‡	‡	#	‡	‡	‡	4 *,**	‡	‡	‡
Houston	3 *,**	‡	‡	‡	#	‡	‡	‡	1 *,**	‡	‡	‡
Jefferson County (KY)	4 *	‡	‡	‡	#	‡	‡	‡	3	‡	‡	‡
Los Angeles	7	255	93	63	1	‡	‡	‡	#	‡	‡	‡
Miami-Dade	1 *,**	‡	‡	‡	#	‡	‡	‡	1 *,**	‡	‡	‡
Milwaukee	—	—	—	—	—	—	—	—	—	—	—	—
New York City	15 *,**	254 **	92	61	1	‡	‡	‡	1 *,**	‡	‡	‡
Philadelphia	7	246 **	87	48 **	#	‡	‡	‡	6 *,**	224 *,**	64 *,**	20 *,**
San Diego	15 *,**	243 *,**	82 **	41 *,**	#	‡	‡	‡	8 *,**	245	86	45
Grade 8												
Nation (public)	5 *	307 *	88	60	#	277	65	30	2	283	72	35
Large city¹	8 **	301 **	85	56	#	276	68	29	2	285	75	37
Albuquerque	3 *,**	‡	‡	‡	#	‡	‡	‡	# *,**	‡	‡	‡
Atlanta	1 *,**	‡	‡	‡	#	‡	‡	‡	2 **	‡	‡	‡
Austin	4 *,**	‡	‡	‡	#	‡	‡	‡	3	‡	‡	‡
Baltimore City	1 *,**	‡	‡	‡	#	‡	‡	‡	1 *,**	‡	‡	‡
Boston	11 *,**	318 *	92 *	70 *	#	‡	‡	‡	1 *,**	‡	‡	‡
Charlotte	5 *	314 *	88	67	#	‡	‡	‡	2 **	‡	‡	‡
Chicago	3 *,**	‡	‡	‡	#	‡	‡	‡	#	‡	‡	‡
Cleveland	1 *,**	‡	‡	‡	#	‡	‡	‡	3	‡	‡	‡
Dallas	1 *,**	‡	‡	‡	# *,**	‡	‡	‡	# *,**	‡	‡	‡
Detroit	3 *,**	‡	‡	‡	#	‡	‡	‡	#	‡	‡	‡
District of Columbia (DCPS)	2 *,**	‡	‡	‡	#	‡	‡	‡	2	‡	‡	‡
Duval County (FL)	5 *	298	85	48	#	‡	‡	‡	3 *,**	‡	‡	‡
Fresno	12 *,**	270 *,**	60 *,**	20 *,**	#	‡	‡	‡	2	‡	‡	‡
Hillsborough County (FL)	4 *	‡	‡	‡	#	‡	‡	‡	4 *,**	‡	‡	‡
Houston	4 *	319 *	90	76 *,**	#	‡	‡	‡	1 *,**	‡	‡	‡
Jefferson County (KY)	4 *,**	‡	‡	‡	#	‡	‡	‡	2	‡	‡	‡
Los Angeles	6 *	296	83	49	#	‡	‡	‡	#	‡	‡	‡
Miami-Dade	1 *,**	‡	‡	‡	#	‡	‡	‡	1 *,**	‡	‡	‡
Milwaukee	—	—	—	—	—	—	—	—	—	—	—	—
New York City	17 *,**	303	84	56	#	‡	‡	‡	# *,**	‡	‡	‡
Philadelphia	9 **	303	88	56	#	‡	‡	‡	3	‡	‡	‡
San Diego	17 *,**	293 *,**	80 **	48 **	1	‡	‡	‡	8 *,**	294 **	81	47 **

— Not available. District did not participate.

Rounds to zero.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

* Significantly different ($p < .05$) from large city.

** Significantly different ($p < .05$) from nation (public).

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: Race categories exclude Hispanic origin. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average score gaps in NAEP mathematics for fourth-grade public school students, by selected racial/ethnic comparison groups and jurisdiction: Various years, 2003–15

Comparison group and jurisdiction	Score gap						
	2003	2005	2007	2009	2011	2013	2015
White – Black							
Nation (public)	27 *	26 *	26 *	26 *	25	25	24
Large city¹	31	31	31	31	29	31	30
Albuquerque	—	—	—	—	‡	‡	‡
Atlanta	47	48	49	48	50	47	49
Austin	—	34	38	36	34	36	41
Baltimore City	—	—	—	20	21	31	20
Boston	19	21	24	20	26	27	24
Charlotte	28	32	30	32	32	29	28
Chicago	29 *	35	31 *	31 *	29 *	40	41
Cleveland	24	18	23	19	21	23	18
Dallas	—	—	—	—	33	‡	31
Detroit	—	—	—	‡	‡	‡	‡
District of Columbia (DCPS)	60	58	54	58	60	59	55
Duval County (FL)	—	—	—	—	—	—	24
Fresno	—	—	—	24	24	30	22
Hillsborough County (FL)	—	—	—	—	26	26	23
Houston	33	38	38	32	30	34	35
Jefferson County (KY)	—	—	—	27 *	22	25	20
Los Angeles	33	38	32	35	28	31	31
Miami-Dade	—	—	—	32	30	24	27
Milwaukee	—	—	—	32	28	36	—
New York City	25	23	22	26	22	26	22
Philadelphia	—	—	—	23	23	19	24
San Diego	27 *	29	30	33	36	32	37
White – Hispanic							
Nation (public)	21 *	21 *	21 *	21 *	20 *	20	18
Large city¹	24	24	25 *	24	23	24	22
Albuquerque	—	—	—	—	25	24	23
Atlanta	‡	‡	43	45	39	36	42
Austin	—	28	31	28	29	28	31
Baltimore City	—	—	—	‡	‡	23	9
Boston	20	19	19	19	22	22	23
Charlotte	24	28	27	28	23	22	21
Chicago	19 *	26	25	17 *	23 *	31	33
Cleveland	14	9	18	11	14	12	11
Dallas	—	—	—	—	24	‡	20
Detroit	—	—	—	‡	‡	‡	‡
District of Columbia (DCPS)	57 *	51	42	43	49	51 *	42
Duval County (FL)	—	—	—	—	—	—	14
Fresno	—	—	—	21	25	23	21
Hillsborough County (FL)	—	—	—	—	14	16	16
Houston	28	30	29	25	23	27	30
Jefferson County (KY)	—	—	—	17	5 *	20	19
Los Angeles	30	30	31	26	24	31	29
Miami-Dade	—	—	—	15	18	13	14
Milwaukee	—	—	—	16	18	19	—
New York City	24	18	18	23	21	23	17
Philadelphia	—	—	—	18	20	20	24
San Diego	27	27	29	31	29	32	32

— Not available. District did not participate.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

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NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. Black includes African American, and Hispanic includes Latino. Race categories exclude Hispanic origin. Score gaps are calculated using unrounded average scores. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average score gaps in NAEP mathematics for eighth-grade public school students, by selected racial/ethnic comparison groups and jurisdiction: Various years, 2003–15

Comparison group and jurisdiction	Score gap						
	2003	2005	2007	2009	2011	2013	2015
White – Black							
Nation (public)	35 *	33 *	31	32	31	30	31
Large city¹	38	38	38	37	34	34	37
Albuquerque	—	—	—	—	‡	‡	‡
Atlanta	57	‡	‡	‡	47 *	51 *	61
Austin	—	43	44	38 *	47	45	52
Baltimore City	—	—	—	‡	21	28	30
Boston	39	43	42	43	33	39	42
Charlotte	43	41	41	35 *	43	42	43
Chicago	31 *	36 *	39 *	36 *	36 *	35 *	55
Cleveland	20	21	16	22	28	16	24
Dallas	—	—	—	—	42	42	‡
Detroit	—	—	—	‡	‡	‡	‡
District of Columbia (DCPS)	‡	76	‡	‡	73	62	65
Duval County (FL)	—	—	—	—	—	—	21
Fresno	—	—	—	36	37	32	39
Hillsborough County (FL)	—	—	—	—	30	32	31
Houston	34 *	37	43	45	38	41	48
Jefferson County (KY)	—	—	—	32	28	28	33
Los Angeles	43	41	40	40	45	37	31
Miami-Dade	—	—	—	31 *	33	36	44
Milwaukee	—	—	—	27	28	35	—
New York City	36	29	30	34	30	38	33
Philadelphia	—	—	—	28	21	29	25
San Diego	33	39	36	38	46	39	41
White – Hispanic							
Nation (public)	28 *	26 *	26 *	26 *	23	22	22
Large city¹	30	30	31	30	27	26	28
Albuquerque	—	—	—	—	22	28	24
Atlanta	‡	‡	‡	‡	45	49	48
Austin	—	38	37	38	37	39	42
Baltimore City	—	—	—	‡	‡	‡	20
Boston	37	38	34	42	34	34	41
Charlotte	40	42	44	32	39	34	36
Chicago	17 *	19 *	22 *	20 *	25 *	24 *	42
Cleveland	20	14	11	24	20	14	16
Dallas	—	—	—	—	30	28	‡
Detroit	—	—	—	‡	‡	‡	‡
District of Columbia (DCPS)	‡	65 *	‡	‡	69 *	53	51
Duval County (FL)	—	—	—	—	—	—	18
Fresno	—	—	—	29	29	23	29
Hillsborough County (FL)	—	—	—	—	19	18	24
Houston	32	29 *	38	36	31	33	40
Jefferson County (KY)	—	—	—	‡	15	19	18
Los Angeles	37	35	32	33	36	35	27
Miami-Dade	—	—	—	17	14	21	22
Milwaukee	—	—	—	15	14	16	—
New York City	29	27	26	35	31	38	26
Philadelphia	—	—	—	27	25	26	23
San Diego	36	34	35	36	39	40	36

— Not available. District did not participate.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

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NOTE: Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. Black includes African American, and Hispanic includes Latino. Race categories exclude Hispanic origin. Score gaps are calculated using unrounded average scores. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

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2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for fourth-grade public school students, by eligibility for National School Lunch Program and jurisdiction: Various years, 2003–15

	Average scale score							Percentage of students													
								At or above <i>Basic</i>							At or above <i>Proficient</i>						
Eligibility status and jurisdiction	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Eligible																					
Nation (public)	222 ***	225 ***	227 ***	228 ***	229	230 ***	229 *	62 ***	67 ***	70 ***	71 ***	73	73	72 *	15 ***	19 ***	22 ***	22 ***	24	26 ***	24 *
Large city¹	217 ***	221 ***	223 ***	225 ***	227	228	227 **	55 ***	60 ***	64 ***	66 ***	69	69	69 **	12 ***	15 ***	19 ***	20 ***	22	23	23 **
Albuquerque	—	—	—	—	227 ***	227 ***	221 *,**	—	—	—	67	68	68	63 **,*	—	—	—	—	22 ***	23 ***	16 **,*
Atlanta	209 ***	213 ***	216	216	218	222 ***	217 *,**	43 ***	48	52	54	57	63 ***	54 **,*	5 ***	6 ***	10	9	11	15 ***	10 **,*
Austin	—	232	229 ***	231	235	233	234 **,*	—	77	74	76	81	77	78 **,*	—	23	22 ***	22 ***	29	28	28 *
Baltimore City	—	—	—	220 ***	224 ***	220 ***	212 **,*	—	—	—	62 **,*	66 ***	59 ***	47 **,*	—	—	—	9	14 ***	15 ***	9 **,*
Boston	218 ***	227 ***	231 ***	233	234	233	236 **,*	57 ***	71 ***	75	78	80	78	78 **,*	10 ***	19 ***	24 ***	25 ***	27 ***	28	33 **,*
Charlotte	229 ***	230 ***	231 ***	232 ***	235	236	238 **,*	74 ***	75	77	77	81	80	81 **,*	19 ***	20 ***	23 ***	24 ***	29	32	37 **,*
Chicago	212 ***	212 ***	216 ***	219 ***	221 ***	225	227	47 ***	48 ***	54 ***	59 ***	61 ***	66	67 **,*	8 ***	9 ***	12 ***	14 ***	16 ***	21	23
Cleveland	215 ***	220	215	213 ***	216 ***	216	219 **,*	51 ***	61	53	51 ***	53	54	58 **,*	10	13	10	8 ***	11	13	13 **,*
Dallas	—	—	—	—	231 ***	233	236 **,*	—	—	—	—	78	77	81 **,*	—	—	—	—	22 ***	28	32 **,*
Detroit	—	—	—	198	203	203	203 **,*	—	—	—	28	33	33	34 **,*	—	—	—	2	3	3	4 **,*
District of Columbia (DCPS)	200 ***	206 ***	207 ***	210 ***	211 ***	217	219 **,*	29 ***	38 ***	43 ***	47 ***	48 ***	55	58 **,*	3 ***	5 ***	7 ***	8 ***	11 ***	16	17 **,*
Duval County (FL)	—	—	—	—	—	—	234 **,*	—	—	—	—	—	—	80 **,*	—	—	—	—	—	—	27
Fresno	—	—	—	216	215	217	215 **,*	—	—	—	54	53	55	52 **,*	—	—	—	11	11	12	10 **,*
Hillsborough County (FL)	—	—	—	—	234	232	234 **,*	—	—	—	—	79	78	80 **,*	—	—	—	—	28	26	29 *
Houston	223 ***	228 ***	231	233	233	232	233 **,*	66 ***	73	77	80	80	77	77 **,*	13 ***	18 ***	22 ***	24	26	25	28 *
Jefferson County (KY)	—	—	—	221 ***	226	224 ***	229	—	—	—	60 ***	69	66	71	—	—	—	16 ***	19	19	24
Los Angeles	212 ***	216 ***	217	218	219	224 ***	219 **,*	47 ***	53 ***	55	57	59	66 ***	59 **,*	8 ***	13	15	15	15	20	15 **,*
Miami-Dade	—	—	—	230 ***	230 ***	232 ***	238 **,*	—	—	—	75 ***	74 ***	77 ***	83 **,*	—	—	—	23 ***	25 ***	26 ***	33 **,*
Milwaukee	—	—	—	216	216	217	—	—	—	—	54	53	56	—	—	—	—	11	10	13	—
New York City	224 ***	228	234 ***	235 ***	233 ***	231	229	64 ***	70	77 ***	77 ***	74	74	71	18 ***	22	31 ***	32 ***	30 ***	28	24
Philadelphia	—	—	—	219 ***	223 ***	222 ***	214 **,*	—	—	—	58 ***	64 ***	61 ***	50 **,*	—	—	—	13	17 ***	17 ***	10 **,*
San Diego	217 ***	225	224	224	229 ***	231 ***	222 **,*	56 ***	66	65	66	71 ***	73 ***	63 **,*	10 ***	19	22 ***	19	25 ***	27 ***	16 **,*

See notes at end of table.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for fourth-grade public school students, by eligibility for National School Lunch Program and jurisdiction: Various years, 2003–15—Continued

	Average scale score							Percentage of students													
								At or above Basic							At or above Proficient						
Eligibility status and jurisdiction	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Not eligible																					
Nation (public)	244 ***	248 ***	249 ***	250 ***	252	254	253	88 ***	90 ***	91 ***	91 ***	92	93	92	45 ***	50 ***	53 ***	54 ***	57	60	58
Large city ¹	240 ***	246 ***	246 ***	248 ***	250 ***	255	254	81 ***	86 ***	87 ***	87 ***	89	92	91	40 ***	47 ***	50 ***	51 ***	53	61	59
Albuquerque	—	—	—	—	253 ***	253 ***	247 *,**	—	—	—	—	91	91	89	—	—	—	—	57	61 ***	50 *,**
Atlanta	244	247 ***	252 ***	254 ***	260	263	260 *,**	79	84 ***	92	92	94	95	96 *	50 ***	49 ***	57 ***	59 ***	68	74	70 *,**
Austin	—	260 ***	259 ***	259 ***	264	265	267 *,**	—	98	96	96	98	97	98 *,**	—	70	69 ***	68 ***	76	77	78 *,**
Baltimore City	—	—	—	233	240 ***	243 ***	228 *,**	—	—	—	75	85 ***	80 ***	69 *,**	—	—	—	30	37	44 ***	25 *,**
Boston	233	244	243	249	251	258	‡	76	86	86	91	90	92	‡	31	45	43	51	56	68	‡
Charlotte	252 ***	256 ***	256 ***	257 ***	260 ***	262	267 *,**	92 ***	94 ***	94 ***	94 ***	95	96	98 *,**	59 ***	63 ***	64 ***	63 ***	70	72	79 *,**
Chicago	230 ***	237 ***	239 ***	244 ***	246 ***	259	261 *,**	72 ***	78 ***	78 ***	84 ***	86	92	93	24 ***	40 ***	42 ***	46 ***	51 ***	63	67 **
Cleveland	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Dallas	—	—	—	—	250	254	253	—	—	—	—	92	93	89	—	—	—	—	54	63	55
Detroit	—	—	—	208	208	217	209 *,**	—	—	—	41	43	54	41 *,**	—	—	—	6	6	13	7 *,**
District of Columbia (DCPS)	221 ***	229 ***	228 ***	245 ***	250 ***	266	266 *,**	57 ***	68 ***	64 ***	83 ***	87 ***	94	96 *,**	20 ***	27 ***	27 ***	46 ***	55 ***	75	76 *,**
Duval County (FL)	—	—	—	—	—	—	252	—	—	—	—	—	—	92	—	—	—	—	—	—	56
Fresno	—	—	—	244	252	246	251	—	—	—	88	93	90	94	—	—	—	42	57	49	55
Hillsborough County (FL)	—	—	—	—	256	257	258 **	—	—	—	—	95	96	95 *,**	—	—	—	—	64	65	64
Houston	239 ***	251 ***	252 ***	251 ***	253 ***	257	263 *,**	82 ***	91	93	92	93	94	94	37 ***	55 ***	57 ***	58	58	64	69 *,**
Jefferson County (KY)	—	—	—	250	250	251	252	—	—	—	90	92	92	91	—	—	—	54	52	58	57
Los Angeles	229 ***	248	235 ***	245	245	251	251	70 ***	88	76 ***	86	85	88	92	25 ***	51	35 ***	48	47	57	55
Miami-Dade	—	—	—	249 ***	251	252	254	—	—	—	92	93	94	93	—	—	—	54	54	57	61
Milwaukee	—	—	—	234	238	243	—	—	—	—	77	83	84	—	—	—	—	31	35	45	—
New York City	248	243	251	253 ***	253 ***	252	243 *,**	89	87	92 ***	91	92	91	85 *,**	49	42	56 ***	57 ***	57	56	42 *,**
Philadelphia	—	—	—	241 ***	243 ***	245 ***	227 *,**	—	—	—	83 ***	82 ***	87 ***	65 *,**	—	—	—	38	45 ***	44	26 *,**
San Diego	239 ***	246 ***	251	255	258	260	257	82 ***	89 ***	91	94	96	96	95 *	35 ***	47 ***	57	62	65	72	62

— Not available. District did not participate.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

* Significantly different ($p < .05$) from large city in 2015.

** Significantly different ($p < .05$) from nation (public) in 2015.

*** Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: In NAEP, lower-income students are students identified as eligible for the National School Lunch Program (NSLP). Higher-income students are not eligible for NSLP. Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for eighth-grade public school students, by eligibility for National School Lunch Program and jurisdiction: Various years, 2003–15

	Average scale score							Percentage of students													
								At or above Basic							At or above Proficient						
Eligibility status and jurisdiction	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Eligible																					
Nation (public)	258 ***	261 ***	265 ***	266 ***	269 ***	270 ***	268 *	47 ***	51 ***	55 ***	57	59 ***	61 ***	58 *	11 ***	13 ***	15 ***	17 ***	19	20 ***	18
Large city ¹	252 ***	256 ***	260 ***	262 ***	266	267	266 **	40 ***	43 ***	49 ***	51	55	57	54 **	9 ***	11 ***	14 ***	15	18	18	17
Albuquerque	—	—	—	—	264	263	262 *,**	—	—	—	—	52	52	53 **	—	—	—	—	14	16	12 *,**
Atlanta	239 ***	240 ***	251 ***	253	260 ***	260 ***	256 *,**	24 ***	26 ***	35 ***	38	48 ***	47	41 *,**	2 ***	3 ***	7	5 ***	10	10	9 *,**
Austin	—	261 ***	267	271 ***	270	270 ***	265	—	49	60	61 ***	62 ***	62 ***	54	—	13	15	19 ***	18	17	14 *,**
Baltimore City	—	—	—	254	257 ***	257	251 *,**	—	—	—	40	44	44	36 *,**	—	—	—	8	9	10	9 *,**
Boston	256 ***	264 ***	271 ***	273 ***	275 ***	277 ***	281 *,**	43 ***	53 ***	60 ***	62	65	65	67 *,**	11 ***	17 ***	21 ***	23 ***	26 ***	28 ***	34 *,**
Charlotte	256 ***	261 ***	265 ***	268	267	273	270 *	44 ***	51 ***	54	58	56	63	58	10 ***	12 ***	14 ***	17	17	23	23
Chicago	252 ***	254 ***	257 ***	261 ***	267	264 ***	269 *	39 ***	40 ***	45 ***	48 ***	57	53	58	7 ***	8 ***	10 ***	13 ***	16	15	19
Cleveland	253	249 ***	257	256	256	253	254 *,**	38	34	45	42	41	39	40 *,**	6 ***	6 ***	7	8	10	9	9 *,**
Dallas	—	—	—	—	272	272	269 *	—	—	—	—	62	65 ***	58	—	—	—	—	20	19	18
Detroit	—	—	—	235	245	237	241 *,**	—	—	—	19	27	21	23 *,**	—	—	—	3	4	2	3 *,**
District of Columbia (DCPS)	235 ***	241 ***	243 ***	243	246	251	247 *,**	21 ***	26 ***	28 ***	31	32	38	35 *,**	2 ***	4 ***	4 ***	6	6	8	8 *,**
Duval County (FL)	—	—	—	—	—	—	265 **	—	—	—	—	—	—	53	—	—	—	—	—	—	12 *,**
Fresno	—	—	—	253	251	257 ***	251 *,**	—	—	—	40	38	45 ***	37 *,**	—	—	—	9	9	10	7 *,**
Hillsborough County (FL)	—	—	—	—	269 ***	272 ***	263 **	—	—	—	—	60	62 ***	50 **	—	—	—	—	17	21 ***	14 **
Houston	259 ***	262 ***	268	271	276 ***	275 ***	270 *	46 ***	53	60	65 ***	69 ***	68 ***	59 *	7 ***	10 ***	14 ***	18	22	22	19
Jefferson County (KY)	—	—	—	257	261	261	258 *,**	—	—	—	44	49	49	44 *,**	—	—	—	10	12	12	13 *,**
Los Angeles	240 ***	245 ***	254 ***	254 ***	257	259	259 *,**	28 ***	32 ***	41 ***	41 ***	44	49	47 *,**	4 ***	6 ***	10	9	12	13	11 *,**
Miami-Dade	—	—	—	266	266	268	269	—	—	—	56	56	57	58	—	—	—	16	17	18	19
Milwaukee	—	—	—	248	250	253	—	—	—	—	33	37	39	—	—	—	—	5	7	7	—
New York City	261 ***	264 ***	267 ***	270	270	270	272 *,**	49 ***	51 ***	54	59	58	58	59 *	15 ***	18	19	23	21	21	24 *,**
Philadelphia	—	—	—	261	261	262	262 **	—	—	—	49	49	50	48 **	—	—	—	13	15	16	16
San Diego	252 ***	258 ***	260 ***	268	265	262 ***	269	39 ***	49 ***	49 ***	58	53	52 ***	60 *	9 ***	10 ***	13 ***	19	16	17	22

See notes at end of table.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for eighth-grade public school students, by eligibility for National School Lunch Program and jurisdiction: Various years, 2003–15—Continued

	Average scale score							Percentage of students													
Eligibility status and jurisdiction	2003	2005	2007	2009	2011	2013	2015	At or above <i>Basic</i>							At or above <i>Proficient</i>						
	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015	2003	2005	2007	2009	2011	2013	2015
Not eligible																					
Nation (public)	287 ***	288 ***	291 ***	293 ***	295	297 ***	296	78 ***	79 ***	81 ***	83 ***	84	86 ***	84 *	37 ***	39 ***	42 ***	45 ***	47	49 ***	48
Large city¹	279 ***	282 ***	285 ***	289 ***	293	295	294	69 ***	71 ***	74 ***	77	80	82	80 **	31 ***	34 ***	37 ***	41 ***	45	47	47
Albuquerque	—	—	—	—	292	295	289 **	—	—	—	—	81	82	79 **	—	—	—	—	44	46	40 **
Atlanta	265 ***	266 ***	277 ***	283 ***	292 ***	298 ***	311 *,**	52 ***	52 ***	64 ***	75 ***	81 ***	86	93 *,**	19 ***	22 ***	28 ***	34 ***	44 ***	49 ***	67 *,**
Austin	—	301 ***	302 ***	308	311	308	307 *,**	—	88	87	92	93	91	91 *,**	—	54	56	63	67	64	61 *,**
Baltimore City	—	—	—	271	285 ***	277	269 *,**	—	—	—	60	74 ***	59	56 *,**	—	—	—	19	37 ***	29	22 *,**
Boston	282	288	290	299	302	313	‡	68	73	75	81	82	91	‡	35	41	41	53	57	68	‡
Charlotte	292 ***	297 ***	300 ***	296 ***	306 ***	309	312 *,**	81 ***	84 ***	85 ***	85 ***	91	91	92 *,**	44 ***	51 ***	53 ***	47 ***	59	61	65 *,**
Chicago	279 ***	275 ***	280 ***	282 ***	289 ***	291 ***	312 *,**	70 ***	65 ***	72 ***	73 ***	77	77	87	30 ***	27 ***	29 ***	32 ***	40 ***	43 ***	67 *,**
Cleveland	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Dallas	—	—	—	—	286	296	287 **	—	—	—	—	74	84	73 **	—	—	—	—	37	49	40
Detroit	—	—	—	245	252	257	253 *,**	—	—	—	31	38	44	38 *,**	—	—	—	7	6	8	8 *,**
District of Columbia (DCPS)	254 ***	261 ***	259 ***	276 ***	278 ***	293	300 *,**	40 ***	46 ***	45 ***	61 ***	64 ***	78	85	12 ***	16 ***	15 ***	29 ***	35 ***	47	54
Duval County (FL)	—	—	—	—	—	—	282 *,**	—	—	—	—	—	—	73 *,**	—	—	—	—	—	—	30 *,**
Fresno	—	—	—	293 ***	289	280	282 *,**	—	—	—	79	77	70	73 **	—	—	—	48	42	31	34 *,**
Hillsborough County (FL)	—	—	—	—	297	299	297	—	—	—	—	86	88	86 *	—	—	—	—	50	52	49
Houston	276 ***	279 ***	293	296	291	300	298	65 ***	69 ***	80	83	80	85	83	25 ***	30 ***	43	47	41	52	50
Jefferson County (KY)	—	—	—	288	294	295	290 **	—	—	—	78	83	83	78 **	—	—	—	37	45	46	43
Los Angeles	245 ***	270 ***	270 ***	281	283	284	290	33 ***	59 ***	58 ***	70	70	74	78	7 ***	25 ***	25 ***	34	37	36	42
Miami-Dade	—	—	—	284 ***	286	292	290 **	—	—	—	77	76	82	80	—	—	—	33 ***	37	41	43
Milwaukee	—	—	—	262	270	279	—	—	—	—	49	58	68	—	—	—	—	12	22	28	—
New York City	295	286	293	285	288	287	288	82	74	83	69	75	73	74	49	39	41	40	41	39	41
Philadelphia	—	—	—	284	289	296 ***	276 *,**	—	—	—	71	76	83 ***	63 *,**	—	—	—	34	38	45 ***	27 *,**
San Diego	278 ***	285 ***	290 ***	295	299	298	300 *,**	69 ***	76 ***	80 ***	81	85	85	87 *	29 ***	36 ***	41 ***	49	53	52	51

— Not available. District did not participate.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

* Significantly different ($p < .05$) from large city in 2015.

** Significantly different ($p < .05$) from nation (public) in 2015.

*** Significantly different ($p < .05$) from 2015.

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: In NAEP, lower-income students are students identified as eligible for the National School Lunch Program (NSLP). Higher-income students are not eligible for NSLP. Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–15 Mathematics Assessments.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for public school students, by status as students with disabilities (SD), grade, and jurisdiction: 2015

Grade and jurisdiction	SD			Not SD		
	Average scale score	Percentage of students		Average scale score	Percentage of students	
		At or above <i>Basic</i>	At or above <i>Proficient</i>		At or above <i>Basic</i>	At or above <i>Proficient</i>
Grade 4						
Nation (public)	217 *	54 *	16 *	243 *	85 *	43 *
Large city¹	210 **	44 **	11 **	238 **	79 **	35 **
Albuquerque	199 ***	31 ***	5 ***	237 **	80 **	33 **
Atlanta	206 **	39 **	13	230 ***	67 ***	27 ***
Austin	227 ***	63 *	25 ***	250 ***	89 ***	51 ***
Baltimore City	194 ***	22 ***	4 ***	219 ***	57 ***	14 ***
Boston	215	50	11	241 *	84 *	38 **
Charlotte	211 **	45	11	252 ***	91 ***	55 ***
Chicago	197 ***	25 ***	5 ***	237 **	78 **	34 **
Cleveland	200 ***	29 ***	5 ***	223 ***	64 ***	15 ***
Dallas	214	52	10	240 **	84 *	36 **
Detroit	191 ***	17 ***	2 ***	206 ***	38 ***	5 ***
District of Columbia (DCPS)	200 ***	33 ***	10 **	237 **	73 ***	36 **
Duval County (FL)	232 ***	75 ***	29 ***	245 *	88 ***	43 *
Fresno	189 ***	17 ***	4 ***	220 ***	59 ***	15 ***
Hillsborough County (FL)	225 ***	66 ***	18	248 ***	90 ***	49 *
Houston	215	48	13	241 *	83 *	37 **
Jefferson County (KY)	213	45	13	239 **	81 **	36 **
Los Angeles	195 ***	30 ***	6 ***	228 ***	69 ***	24 ***
Miami-Dade	225 ***	62 *	20	244 *	88 *	43 *
Milwaukee	—	—	—	—	—	—
New York City	212 **	46 **	8 ***	237 **	81 **	32 **
Philadelphia	188 ***	14 ***	2 ***	222 ***	60 ***	16 ***
San Diego	200 ***	35 **	10	236 **	77 **	33 **
Grade 8						
Nation (public)	246 *	32 *	8 *	286 *	76 *	36 *
Large city¹	239 **	24 **	5 **	279 **	67 **	29 **
Albuquerque	230 ***	15 ***	1	278 **	70 **	25 **
Atlanta	227 ***	14 ***	4	271 ***	56 ***	22 ***
Austin	249 *	32 *	8	290 ***	77 *	39 *
Baltimore City	222 ***	9 ***	1 ***	264 ***	49 ***	15 ***
Boston	250 *	34 *	9 *	288 *	74 *	39 *
Charlotte	244	27	10	290 ***	76 *	42 ***
Chicago	234 **	16 **	5	282	71 **	29 **
Cleveland	226 ***	8 ***	#	263 ***	50 ***	12 ***
Dallas	232 **	17 **	2 ***	274 ***	64 **	22 ***
Detroit	214 ***	4 ***	#	249 ***	31 ***	5 ***
District of Columbia (DCPS)	222 ***	13 ***	4 **	267 ***	53 ***	21 ***
Duval County (FL)	253 *	34	7	277 **	68 **	24 ***
Fresno	214 ***	6 ***	#	261 ***	48 ***	14 ***
Hillsborough County (FL)	248 *	32	7	281 **	70 **	31 **
Houston	237 **	22 **	5	281 **	69 **	29 **
Jefferson County (KY)	232 **	18 **	5	277 **	63 **	29 **
Los Angeles	227 ***	12 ***	2	269 ***	57 ***	17 ***
Miami-Dade	248 *	33	7	277 **	67 **	28 **
Milwaukee	—	—	—	—	—	—
New York City	241	23 **	5	283	71 **	32
Philadelphia	232 **	15 **	2 ***	274 ***	61 ***	23 ***
San Diego	236 **	22	5	286 *	75 *	35 *

— Not available. District did not participate.

Rounds to zero.

* Significantly different ($p < .05$) from large city.

** Significantly different ($p < .05$) from nation (public).

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. The results for students with disabilities are based on students who were assessed and cannot be generalized to the total population of such students. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.

National Center for Education Statistics

2015 Mathematics TUDA Assessment Report Card: Summary Data Tables with Additional Detail for Average Scores, Achievement Levels, and Percentiles for Districts and Jurisdictions

Average scores and achievement-level results in NAEP mathematics for public school students, by status as English language learners (ELL), grade, and jurisdiction: 2015

Grade and jurisdiction	ELL			Not ELL		
	Average scale score	Percentage of students		Average scale score	Percentage of students	
		At or above <i>Basic</i>	At or above <i>Proficient</i>		At or above <i>Basic</i>	At or above <i>Proficient</i>
Grade 4						
Nation (public)	218	57	15	243 *	84 *	43 *
Large city¹	218	56	14	238 **	79 **	36 **
Albuquerque	212 **,*	51	7 **,*	235 **	78 **	34 **
Atlanta	‡	‡	‡	229 **,*	65 **,*	27 **,*
Austin	232 **,*	76 **,*	25 **,*	255 **,*	90 **,*	59 **,*
Baltimore City	‡	‡	‡	215 **,*	52 **,*	12 **,*
Boston	226 **,*	68 **,*	21	240	82	39
Charlotte	225 **,*	68 **,*	18	250 **,*	89 **,*	55 **,*
Chicago	211 **,*	45 **,*	9 **,*	235 **,*	75 **,*	33 **,*
Cleveland	211	49	7	220 **,*	59 **,*	14 **,*
Dallas	235 **,*	80 **,*	30 **,*	241	83	39
Detroit	212	50	4 **,*	203 **,*	33 **,*	5 **,*
District of Columbia (DCPS)	212	46	8	234 **,*	70 **,*	35 **,*
Duval County (FL)	‡	‡	‡	244 *	87 *	42 *
Fresno	202 **,*	31 **,*	3 **,*	224 **,*	64 **,*	18 **,*
Hillsborough County (FL)	221	64	9	247 **,*	89 **,*	48 *
Houston	229 **,*	72 **,*	22 **,*	246 *	86 *	45 *
Jefferson County (KY)	215	53	11	238 **	79 **	36 **
Los Angeles	199 **,*	30 **,*	3 **,*	235 **,*	79 **	30 **,*
Miami-Dade	222 *	64 *	12	247 **,*	91 **,*	49 **,*
Milwaukee	—	—	—	—	—	—
New York City	209 **,*	44 **,*	8 **,*	234 **,*	78 **	29 **,*
Philadelphia	200 **,*	30 **,*	5 **,*	219 **,*	57 **,*	16 **,*
San Diego	216	55	9 **,*	243 *	84 *	44 *
Grade 8						
Nation (public)	246 *	31	5	284 *	73 *	34 *
Large city¹	241 **	27	4	278 **	66 **	29 **
Albuquerque	238 **	20 **	2	276 **	68 **	25 **,*
Atlanta	‡	‡	‡	267 **,*	52 **,*	20 **,*
Austin	248 *	29	3	290 **,*	78 **,*	40 **,*
Baltimore City	‡	‡	‡	256 **,*	42 **,*	12 **,*
Boston	247	32	7	292 **,*	78 **,*	42 **,*
Charlotte	239	26	3	290 **,*	74 *	41 **,*
Chicago	243	29	4	278 **	66 **	27 **
Cleveland	240	21	1	255 **,*	42 **,*	10 **,*
Dallas	255 **,*	40 **,*	7	278 **	69	27 **
Detroit	250 *	34	5	243 **,*	26 **,*	4 **,*
District of Columbia (DCPS)	‡	‡	‡	260 **,*	47 **,*	18 **,*
Duval County (FL)	‡	‡	‡	276 **	65 **	23 **,*
Fresno	227 **,*	10 **,*	#	263 **,*	51 **,*	15 **,*
Hillsborough County (FL)	240	21	3	279 **	68	30 **
Houston	250 **,*	35	4	282	71 *	31
Jefferson County (KY)	‡	‡	‡	273 **,*	60 **,*	27 **
Los Angeles	223 **,*	9 **,*	1	269 **,*	58 **,*	18 **,*
Miami-Dade	236 **	19 **,*	3 **,*	280 **	70	29 **
Milwaukee	—	—	—	—	—	—
New York City	242	25	7	279 **	66 **	29
Philadelphia	233 **,*	15 **,*	1	270 **,*	56 **,*	21 **,*
San Diego	236 **	18 **	3	289 **,*	80 **,*	38 *

— Not available. District did not participate.

Rounds to zero.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

* Significantly different ($p < .05$) from large city.

** Significantly different ($p < .05$) from nation (public).

¹ Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

NOTE: The results for English language learners are based on students who were assessed and cannot be generalized to the total population of such students. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.