2009 NAEP Mathematics
Grade 4 Iowa and National Public

	Iowa			National Public		
Average Scale Score	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
Overall	243	243	↔	239	239	↔
Males	243	244	↔	240	240	↔
Females	242	241	↔	238	238	↔
White	245	245	↔	248	248	↔
Black	226	224	↔	222	222	↔
Hispanic	223	230	↔	227	227	↔
Asian/Pacific Islander	259	#	#	255	253	↔
Eligible for Free-Reduced Lunch	232	231	↔	228	227	↔
Not Eligible for Free-Reduced Lunch	249	249	↔	250	249	↔
Students with Disabilities	220	219	↔	220	220	↔
Students without Disabilities	246	246	↔	242	241	↔
Percentile Estimates	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
10th	210	209	↔	201	201	↔
25th	226	227	↔	221	221	↔
50th	244	245	↔	241	241	↔
75th	260	261	↔	259	259	↔
90th	274	274	↔	275	274	↔
Achievement Levels						
Percent At or Above Basic	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
Overall	87%	87%	↔	81%	81%	↔
Males	87%	87%	↔	81%	82%	↔
Females	87%	86%	↔	81%	81%	↔
White	90%	89%	↔	90%	91%	↔
Black	69%	66%	↔	63%	63%	↔
Hispanic	64%	71%	↔	70%	69%	↔
Asian/Pacific Islander	94%	#	#	91%	91%	↔
Eligible for Free-Reduced Lunch	77%	76%	↔	71%	70%	↔
Not Eligible for Free-Reduced Lunch	93%	92%	↔	91%	91%	↔
Students with Disabilities	60%	58%	↔	59%	60%	↔
Students without Disabilities	91%	90%	↔	84%	84%	↔
Achievement Levels						
Percent At or Above Proficient	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
Overall	41%	43%	↔	38%	39%	↔
Males	43%	46%	↔	40%	41%	↔
Females	40%	40%	↔	37%	36%	↔
White	45%	46%	↔	50%	51%	↔
Black	17%	17%	↔	15%	15%	↔
Hispanic	17%	25%	↔	21%	22%	↔
Asian/Pacific Islander	66%	#	#	61%	58%	↔
Eligible for Free-Reduced Lunch	25%	26%	↔	22%	22%	↔
Not Eligible for Free-Reduced Lunch	51%	52%	↔	54%	53%	↔
Students with Disabilities	12%	15%	↔	19%	19%	↔
Students without Disabilities	46%	47%	↔	41%	41%	↔

2009 NAEP Mathematics
Grade 8 Iowa and National Public

	Iowa			National Public		
Average Scale Score	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
Overall	284	285	↔	282	280	↑
Males	285	287	↔	283	281	↑
Females	284	284	↔	281	279	↑
White	287	288	↔	292	291	↑
Black	259	257	↔	260	260	↔
Hispanic	266	261	↔	266	265	↔
Asian/Pacific Islander	#	#	#	300	297	↔
Eligible for Free-Reduced Lunch	269	270	↔	266	265	↑
Not Eligible for Free-Reduced Lunch	292	292	↔	293	291	↑
Students with Disabilities	243	247	↔	249	246	↑
Students without Disabilities	290	291	↔	284	284	↑
Percentile Estimates	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
10th	241	241	↔	235	234	↔
25th	263	264	↔	258	257	↑
50th	286	287	↔	283	281	↑
75th	307	308	↔	307	305	↑
90th	326	327	↔	328	325	↑
Achievement Levels						
Percent At or Above Basic	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
Overall	76%	77%	↔	71%	70%	↑
Males	76%	79%	↔	72%	71%	↑
Females	76%	76%	↔	71%	70%	↔
White	79%	81%	↔	82%	81%	↑
Black	50%	40%	↔	49%	47%	↑
Hispanic	57%	50%	↔	56%	54%	↔
Asian/Pacific Islander	#	#	#	84%	83%	↔
Eligible for Free-Reduced Lunch	61%	61%	↔	57%	55%	↑
Not Eligible for Free-Reduced Lunch	84%	84%	↔	83%	81%	↑
Students with Disabilities	27%	33%	↔	36%	33%	↑
Students without Disabilities	83%	84%	↔	76%	74%	↑
Achievement Levels						
Percent At or Above Proficient	**2009**	**2007**	**Change**	**2009**	**2007**	**Change**
Overall	34%	35%	↔	33%	31%	↑
Males	35%	37%	↔	34%	33%	↑
Females	33%	33%	↔	31%	29%	↑
White	37%	38%	↔	43%	42%	↑
Black	9%	11%	↔	12%	11%	↑
Hispanic	15%	13%	↔	17%	15%	↔
Asian/Pacific Islander	#	#	#	53%	50%	↔
Eligible for Free-Reduced Lunch	17%	20%	↔	17%	15%	↑
Not Eligible for Free-Reduced Lunch	42%	42%	↔	45%	42%	↑
Students with Disabilities	5%	6%	↔	9%	8%	↔
Students without Disabilities	38%	40%	↔	35%	33%	↑

↑ ↓ Statistically significant
↔ Not statistically significant
Reporting standards not met

2009 NAEP Mathematics
Grade 4 Iowa and National Public

Average Scale Score	Iowa 2009	Nation 2009	Dif Sig
Overall	243	239	↑
Males	243	240	↑
Females	242	238	↑
White	245	248	↓
Black	226	222	↔
Hispanic	223	227	↔
Asian/Pacific Islander	259	255	↔
Eligible for Free-Reduced Lunch	232	228	↑
Not Eligible for Free-Reduced Lunch	249	250	↓
Students with Disabilities	220	220	↔
Students without Disabilities	246	242	↑
Percentile Estimates	**2009**	**2009**	**Sig**
10th	210	201	↑
25th	226	221	↑
50th	244	241	↑
75th	260	259	↔
90th	274	275	↔
Achievement Levels			
Percent At or Above Basic	**2009**	**2009**	**Sig**
Overall	87%	81%	↑
Males	87%	81%	↑
Females	87%	81%	↑
White	90%	90%	↔
Black	69%	63%	↔
Hispanic	64%	70%	↔
Asian/Pacific Islander	94%	91%	↔
Eligible for Free-Reduced Lunch	77%	71%	↑
Not Eligible for Free-Reduced Lunch	93%	91%	↔
Students with Disabilities	60%	59%	↔
Students without Disabilities	91%	84%	↑
Achievement Levels			
Percent At or Above Proficient	**2009**	**2009**	**Sig**
Overall	41%	38%	↔
Males	43%	40%	↔
Females	40%	37%	↔
White	45%	50%	↓
Black	17%	15%	↔
Hispanic	17%	21%	↔
Asian/Pacific Islander	66%	61%	↔
Eligible for Free-Reduced Lunch	25%	22%	↑
Not Eligible for Free-Reduced Lunch	51%	54%	↔
Students with Disabilities	12%	19%	↓
Students without Disabilities	46%	41%	↑

2009 NAEP Mathematics
Grade 8 Iowa and National Public

Average Scale Score	Iowa 2009	Nation 2009	Dif Sig
Overall	284	282	↑
Males	285	283	↔
Females	284	281	↑
White	287	292	↓
Black	259	260	↔
Hispanic	266	266	↔
Asian/Pacific Islander	#	300	#
Eligible for Free-Reduced Lunch	269	266	↔
Not Eligible for Free-Reduced Lunch	292	293	↔
Students with Disabilities	243	249	↓
Students without Disabilities	290	284	↑
Percentile Estimates	**2009**	**2009**	**Sig**
10th	241	235	↑
25th	263	258	↑
50th	286	283	↑
75th	307	307	↔
90th	326	328	↔
Achievement Levels			
Percent At or Above Basic	**2009**	**2009**	**Sig**
Overall	76%	71%	↑
Males	76%	72%	↑
Females	76%	71%	↑
White	79%	82%	↓
Black	50%	49%	↔
Hispanic	57%	56%	↔
Asian/Pacific Islander	#	84%	#
Eligible for Free-Reduced Lunch	61%	57%	↔
Not Eligible for Free-Reduced Lunch	84%	83%	↔
Students with Disabilities	27%	36%	↓
Students without Disabilities	83%	76%	↑
Achievement Levels			
Percent At or Above Proficient	**2009**	**2009**	**Sig**
Overall	34%	33%	↔
Males	35%	34%	↔
Females	33%	31%	↔
White	37%	43%	↓
Black	9%	12%	↔
Hispanic	15%	17%	↔
Asian/Pacific Islander	#	53%	#
Eligible for Free-Reduced Lunch	17%	17%	↔
Not Eligible for Free-Reduced Lunch	42%	45%	↔
Students with Disabilities	5%	9%	↓
Students without Disabilities	38%	35%	↔

↑ ↓ Statistically significant
↔ Not statistically significant
Reporting standards not met