

## MCA Reading

Goal: All grades at or above MN average

	2008	2009	2010	2011	2012	2013	2014	2015	2016	Average Variance 9 Years
<b>All</b>	70.1	73.5	70.6	69.3	74.1	54.8	57.7	55.4	55.8	
State Ave	70.7	72.0	72.4	74.0	75.3	57.6	58.8	59.5	59.9	
Variance	-0.6	1.5	-1.8	-4.7	-1.2	-2.8	-1.1	-4.1	-4.1	-2.1
<b>Grade 3</b>	80.6	79.5	80.0	73.0	74.0	57.1	64.0	55.4	51.6	
State Ave	78.9	78.3	76.2	78.4	80.3	57.4	58.2	58.9	57.3	
Variance	1.7	1.2	3.8	-5.4	-6.3	-0.3	5.8	-3.5	-5.7	-1.0
<b>Grade 4</b>	77.2	73.4	80.0	86.2	84.1	48.6	58.0	59.0	50.7	
State Ave	72.2	74.5	72.5	79.1	75.2	54.2	55.2	57.9	58.3	
Variance	5.0	-1.1	7.5	7.1	8.9	-5.6	2.8	1.1	-7.6	2.0
<b>Grade 5</b>	58.5	58.3	69.2	68.9	78.3	67.6	62.5	68.1	73.8	
State Ave	73.3	72.2	76.3	78.9	78.3	63.1	67.0	66.7	67.7	
Variance	-14.8	-13.9	-7.1	-10.0	0.0	4.5	-4.5	1.4	6.1	-4.3
<b>Grade 6</b>	77.6	76.2	66.1	68.9	78.9	74.1	65.8	67.6	62.7	
State Ave	69.6	72.5	71.7	74.1	75.0	58.8	60.3	63.9	62.3	
Variance	8.0	3.7	-5.6	-5.2	3.9	15.3	5.5	3.7	0.4	3.3
<b>Grade 7</b>	70.7	75.9	58.1	53.4	68.4	38.4	56.1	38.4	49.3	
State Ave	64.8	65.0	66.3	69.2	70.6	53.9	55.8	55.7	56.6	
Variance	5.9	10.9	-8.2	-15.8	-2.2	-15.5	0.3	-17.3	-7.3	-5.5
<b>Grade 8</b>	59.6	79.3	66.1	54.5	55.9	43.2	49.4	42.4	37.1	
State Ave	65.9	67.1	68.3	67.6	71.7	53.8	55.6	56.2	57.0	
Variance	-6.3	12.2	-2.2	-13.1	-15.8	-10.6	-6.2	-13.8	-19.9	-8.4
<b>Grade 10</b>	66.0	69.8	72.9	80.0	77.4	62.9	45.1	54.8	61.7	
State Ave	70.8	74.2	75.4	75.1	76.4	62.2	60.0	57.2	58.9	
Variance	-4.8	-4.4	-2.5	4.9	1.0	0.7	-14.9	-2.4	2.8	-2.2

## 2016 Results:

### At or Above MN Average:

- Grade 5: 6.1% above MN average, gain from 5th grade in 2015, gain as cohort group
- Grade 10: 2.8% above MN average, gain from 10th grade in 2015, large gain as cohort group
- Grade 6: 0.4% above MN average, drop from 6th grade in 2015, drop as cohort group

### Below MN Average:

- Grade 3: 5.7% below MN average, drop from 3rd grade in 2015, no cohort data
- Grade 7: 7.3% below MN average, large gain from 7th grade in 2015, drop as cohort group
- Grade 4: 7.6% below MN average, large drop from 4th grade in 2015, drop as cohort group
- Grade 8: 19.9% below MN average, drop from 8th grade in 2015, slight drop as cohort group

**MCA Math**

Goal: All grades at or above MN average

	2008	2009	2010	2011	2012	2013	2014	2015	2016 Average	Variance
<b>All</b>	53.8	59.1	62.5	45.1	57.2	55.0	58.7	54.6	55.4	
State Ave	62.0	63.8	65.9	56.0	61.3	60.2	60.5	60.2	59.5	<b>9 years</b>
Variance	-8.2	-4.7	-3.4	-10.9	-4.1	-5.2	-1.8	-5.6	-4.1	-5.3
<b>Grade 3</b>	78	76	86.7	68.6	81.9	80	77.3	77.3	79.4	
State Ave	81	81.8	82.6	70.2	73.2	71.5	71.9	70.9	69.4	
Variance	-3.0	-5.8	4.1	-1.6	8.7	8.5	5.4	6.4	10.0	3.6
<b>Grade 4</b>	60.0	61.0	76.8	58.5	66.7	62.5	72.5	69.2	67.6	
State Ave	71.5	74.7	76.9	67.3	73.2	71.3	70.3	70.0	68.7	
Variance	-11.5	-13.7	-0.1	-8.8	-6.5	-8.8	2.2	-0.8	-1.1	-5.5
<b>Grade 5</b>	45.0	43.0	44.0	36.8	52.2	47.3	66.7	62.5	48.8	
State Ave	66.1	65.6	68.8	53.2	61.5	59.1	60.9	59.7	58.8	
Variance	-21.1	-22.6	-24.8	-16.4	-9.3	-11.8	5.8	2.8	-10.0	-11.9
<b>Grade 6</b>	55.0	66.0	57.0	29.3	52.6	70.7	58.9	57.7	58.7	
State Ave	64.6	63.7	69.0	49.7	58.8	55.9	56.1	57.9	55.9	
Variance	-9.6	2.3	-12.0	-20.4	-6.2	14.8	2.8	-0.2	2.8	-2.9
<b>Grade 7</b>	53.0	56.0	57.0	34.5	40.8	40.7	47.4	31.9	50.0	
State Ave	61.3	62.6	57.4	50.9	57.2	54.3	55.6	55.0	56.2	
Variance	-8.3	-6.6	-0.4	-16.4	-16.4	-13.6	-8.2	-23.1	-6.2	-11.0
<b>Grade 8</b>	44.0	57.0	56.0	45.5	61.0	44.6	41.2	45.0	41.4	
State Ave	58.1	59.5	58.4	52.6	60.7	57.3	58.2	58.0	58.0	
Variance	-14.1	-2.5	-2.4	-7.1	0.3	-12.7	-17.0	-13.0	-16.6	-9.5
<b>Grade 11</b>	34.9	47.8	47.5	43.1	45.0	43.4	45.9	29.2	43.3	
State Ave	34.4	41.7	43.4	48.0	41.8	51.5	49.8	48.7	47.1	
Variance	0.5	6.1	4.1	-4.9	3.2	-8.1	-3.9	-19.5	-3.8	-2.9

**2016 Results:****At or Above MN Average:**

Grade 3: 10.0% above MN average, gain from 3rd grade in 2015, no cohort data

Grade 6: 2.8% above MN average, gain from 6th grade in 2015, steady as cohort group

**Below MN Average:**

Grade 4: 1.1% below MN average, slight drop from 4th grade in 2015, drop as cohort group

Grade 11: 3.8% below MN average, large gain from 11th grade in 2015, gain as cohort group

Grade 7: 6.2% below MN average, large gain from 7th grade in 2015, drop as cohort group

Grade 5: 10.0% below MN average, large drop from 5th grade in 2015, large drop as cohort group

Grade 8: 16.6% below MN average, drop from 8th grade in 2015, gain as cohort group

## MCA Science

Goal: All grades at or above MN average

	2009	2010	2011	2012	2013	2014	2015	2016	
<b>All Tested</b>	45.3	40.9	38.0	43.2	48.2	46.4	44.3	58.5	<b>Average</b>
State Ave	46.1	48.8	48.4	50.8	52.4	53.4	53.4	55.0	<b>variance</b>
Variance	-0.8	-7.9	-10.4	-7.6	-4.2	-7.0	-9.1	3.5	<b>(8 years)</b>
<b>Grade 5</b>	36.7	38.5	47.9	58.0	71.6	67.6	62.0	80.0	
State Ave	45.5	46.5	46.5	57.9	59.9	61.4	59.3	61.5	
Variance	-8.8	-8.0	1.4	0.1	11.7	6.2	2.7	18.5	3.0
<b>Grade 8</b>	59.6	44.6	22.7	25.0	27.0	35.3	35.0	31.9	
State Ave	42.9	48.0	44.7	42.5	44.3	45.4	45.9	47.0	
Variance	16.7	-3.4	-22.0	-17.5	-17.3	-10.1	-10.9	-15.1	-10.0
<b>High School (11)</b>	38.6	40.0	42.4	no HS	44.7	35.8	27.9	60.7	
State Ave	49.6	51.9	53.9	test	53.1	53.4	54.9	55.5	
Variance	-11.0	-11.9	-11.5	given	-8.4	-17.6	-27.0	5.2	-11.7

## 2016 Results:

### At or Above MN Average:

Grade 5: 18.5% above MN average, large gain from 5th grade in 2015, no cohort data

Grade 11: 5.2% above MN average, large gain from 11th grade in 2015, large gain as cohort gr

### Below MN Average:

Grade 8: 15.1% below MN average, drop from 8th grade in 2015, large drop as cohort group