

**MCA Math and Reading Scores Cohort Tracking Analysis**

**COHORT review of changing scores over 13 Years**

**Average Grade Level Scores over 14 Years**

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File Owner

MCA Test Score Research  
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Student groups	
1 All Students	9 Male
2 American Indian	10 Female
3 Asian/Pacific or Asian in 2017	11 Special educ
4 Pacific Island	12 No spec ed
5 Hispanic	13 Eng learner
6 Black	14 Not EL
7 White	15 Low Income
8 Mixed	16 Not low income
	17 All Minorities

Cohort 1  
 Cohort 2

District	School	Group	Subject
9999		1	1
9999		1	2

Statewide Pu\_Total\_All Students\_Math  
 Statewide Pu\_Total\_All Students\_Reading

Subject
1 Mathematics
2 Reading

Allow 7 seconds for calculation after each change in the input criteria.  
 District Numbers are in Numerical Sequence on the Names Tab  
 DATA is Entered in the YELLOW Cells Above.

Another Wonderful Research File from the  
 Minds of Jim and Bob

District Schools for Research of Grade Level Proficiency Progression

**Statewide Pu\_Total\_All Students\_Math**

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0 ALL DISTRICT SCHOOLS

Schools Roster for Cohort 1 District Entered

The percentages below represent the percentage of students in Cohort 1 (selected Above) that tested proficient (meeting or exceeding expectations) on the MCA Test in the year identified.

Grade	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(3)	77.9%	79.3%	81.4%	82.1%	82.8%	70.2%	75.6%	71.5%	71.8%	70.9%	69.4%	68.1%	66.4%	65.6%
(4)	69.0%	70.9%	71.6%	74.9%	77.0%	67.2%	73.3%	71.2%	70.3%	70.0%	68.7%	66.7%	64.9%	63.9%
(5)	58.9%	63.2%	66.0%	65.4%	68.6%	53.6%	62.3%	60.0%	61.8%	59.7%	58.8%	57.1%	54.7%	52.0%
(6)	59.2%	63.0%	64.6%	63.8%	69.0%	50.3%	59.9%	57.0%	57.1%	57.6%	55.9%	55.2%	53.6%	50.5%
(7)	57.6%	61.4%	61.4%	62.6%	64.4%	51.7%	58.6%	56.0%	57.1%	55.1%	56.2%	54.9%	54.4%	52.1%
(8)	56.7%	58.7%	58.2%	59.7%	58.6%	53.3%	62.0%	58.9%	59.7%	57.8%	58.0%	58.0%	57.0%	55.2%
(9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(11)	29.8%	32.3%	34.4%	41.6%	43.3%	48.6%	42.5%	52.4%	50.6%	48.7%	47.1%	48.3%	47.1%	45.0%
Total	58.0%	60.6%	62.0%	63.9%	65.9%	56.4%	62.1%	61.2%	61.4%	60.2%	59.4%	58.6%	57.0%	55.0%

**Statewide Pu\_Total\_All Students\_Reading**

The percentages below represent the percentage of students in Cohort 2 (selected Above) that tested proficient (meeting or exceeding expectations) on the MCA Test in the year identified.

Grade	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(3)	81.6%	79.6%	79.0%	78.3%	76.3%	78.5%	80.4%	57.2%	58.1%	58.7%	57.3%	56.5%	55.7%	54.6%
(4)	76.7%	71.5%	72.2%	74.5%	72.5%	75.1%	75.3%	54.0%	55.0%	57.9%	58.3%	56.8%	55.5%	55.4%
(5)	76.9%	73.1%	73.4%	72.2%	76.4%	80.3%	79.4%	63.8%	67.6%	66.7%	67.7%	67.5%	66.9%	65.8%
(6)	71.6%	66.6%	69.6%	72.6%	71.6%	75.1%	76.3%	59.3%	61.0%	63.9%	62.3%	63.4%	64.5%	62.8%
(7)	66.6%	63.2%	64.7%	64.8%	66.1%	69.6%	71.4%	54.0%	56.0%	55.6%	56.6%	57.5%	58.1%	57.5%
(8)	64.6%	63.3%	65.7%	66.8%	68.1%	68.1%	72.4%	54.1%	55.8%	56.0%	57.0%	58.7%	58.4%	57.7%
(9)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(10)	65.2%	61.8%	70.7%	74.2%	75.3%	75.3%	76.8%	62.3%	60.1%	57.0%	58.9%	60.3%	59.0%	60.4%
(11)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	71.5%	68.2%	70.7%	71.9%	72.3%	74.6%	76.0%	57.8%	59.1%	59.4%	59.7%	60.1%	59.8%	59.2%

Refer to Names Worksheet for School Numbers if the district has more than 20 schools

This MCA Cohort File allows a user to follow a group of students from grade 3 to grade 11 and see the changes in MCA proficiency at each grade level tested. We realize that a cohort changes over the years for many reasons. It is simply the best we can do. If a district determines that its students are scoring particularly well or particularly poorly at a grade level, it is our hope that the district will examine other similar districts to share good practices or to learn from each other. We simply must find a way to use the MCA proficiency data for better planning. We have heard all about the GAP the last several years. Please examine the changes in any cohort of students to know where they begin in Math or Reading in Grade 3 and how their proficiency changes over the next (8) years.

**The Total Students with scores recorded in Cohort 1**

**Statewide Pu\_Total\_All Students\_Math**

Grade	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(3)	57460	53353	54997	55541	56769	59488	61356	62707	62522	63780	65282	65401	64258	64090
(4)	57299	53781	55059	55303	56421	60499	59939	61387	62837	62589	64082	65572	65654	65034
(5)	58590	54207	55616	55591	56435	59175	60031	58864	60557	63095	62975	64403	65936	66677
(6)	59792	55719	56021	56534	56765	58526	59087	59432	58925	61964	63417	63157	64659	66778
(7)	62409	57889	58022	57116	58272	58866	59197	59190	59961	61029	62373	63948	63812	65790
(8)	63498	59678	59301	58633	58181	59080	58546	58686	59016	61920	61026	62350	63738	64298
(9)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(10)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(11)	62642	61810	61277	62292	62043	60485	59302	58457	58189	57959	55975	56107	57112	56192

**The Total Students with scores recorded in Cohort 2**

**Statewide Pu\_Total\_All Students\_Reading**

Grade	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(3)	53827	57740	58326	58988	59965	59272	60981	62389	62278	63583	65139	65149	64271	64161
(4)	53935	57891	57940	58504	59227	60334	59641	61153	62566	62380	63906	65334	65638	65077
(5)	55578	57899	58409	58387	58936	58357	59045	58557	60115	62977	62871	64258	65983	66753
(6)	57149	59271	58513	58919	58823	58316	58472	59284	58694	61811	63397	63078	64770	66900
(7)	60132	61189	60377	59177	60027	58932	59162	59326	59974	60950	62463	63910	64000	65928
(8)	61499	62927	61544	60412	59723	59028	58388	59037	59271	61861	61151	62425	64023	64559
(9)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(10)	64682	65421	65352	64448	63199	61315	60182	60424	59881	60629	60245	60658	60278	61699
(11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Suggestions for Using this File**

- 1 Compare District total results to total Statewide Results in Math and Reading
- 2 Compare the Grade to Grade Proficiency Percentages in 2 district schools.
- 3 Compare the Grade to Grade Proficiency Results in Your District vs. a neighboring district and also compare the regression file results for a comparison district.
- 4 Review proficiency results by grade for different groups and ethnicities.
- 5 Engage Staff in Discussions of varying proficiency percentages to secure input for possible changes. Consider staff visitations to other schools where school or group proficiency results are very good.
- 6 Review changing Proficiency Results in School years when there was a modification in the curriculum, teaching methods, or staffing.
- 7 A Research Mind will also analyze data results on a statewide basis to develop an understanding of student proficiencies in student groups throughout the State.