

## Math ACT Scores for all students by Math Course

Course Name	2005			2006			2007		
	Number of Students	Mean ACT MATH	Standard Deviation	Number of Students	MEAN ACT MATH	Standard Deviation	Number of Students	MEAN ACT MATH	Standard Deviation
Algebra 1	*	*	*	19	15.6	1.71	7	15.4	1.50
Algebra 2	188	23.9	3.10	172	22.3	3.13	49	22.5	3.34
Algebra 2 Honors	20	27.9	2.78	61	26.4	2.27	25	26.7	2.62
AP Calculus AB	50	29.5	2.84	57	29.0	2.95	70	28.8	3.26
AP Calculus BC	27	32.0	2.16	40	32.3	2.67	21	31.7	3.00
AP Statistics	65	26.7	3.46	60	27.1	4.11	79	24.9	4.28
College Algebra	103	23.1	3.03	74	22.4	3.48	64	22.5	3.87
Consumer Math	8	14.1	1.36	12	15.5	1.45	9	14.4	1.33
Geometry	20	20.5	4.68	11	20.5	2.77	19	18.3	3.14
Geometry Honors							*	*	*
Integrated Math 1							*	*	*
Integrated Math 2	29	17.1	2.26	39	18.3	3.24	39	17.4	2.61
Integrated Math 2 A	10	15.1	1.66						
Integrated Math 2 B	60	16.6	2.57	40	16.6	2.11	33	16.7	2.26
Integrated Math 2 Honors							*	*	*
Integrated Math 3	160	18.8	3.20	191	18.8	2.80	237	19.0	2.86
Integrated Math 3 Honors	51	21.9	3.51	45	22.2	3.23	83	22.7	2.70
Integrated Math 4	41	21.7	3.30	80	20.5	3.37	109	21.1	3.13
Integrated Math 4 Honors				31	25.2	2.47	91	25.0	3.11
Precalculus	148	26.6	3.07	179	26.1	3.16	167	25.7	3.24
Precalculus Honors	61	29.8	2.38	47	29.4	2.96	98	29.3	3.19
Statistics	79	20.4	4.04	89	20.9	3.87	116	20.5	4.17

\* Data present but not reported because there are fewer than 6 students

This chart includes all students Mean ACT Math Scores. These data are not controlled for students math proficiency prior to high school. For example for the school year 2005-2006 12th graders in Precalculus had an average Terra Nova 8th grade score of 86 percentile while 12th graders in Integrated 4 had an average Terra Nova 8th grade score of 56 percentile. Caution should be given when comparing scores of different courses. There are some scores from 9th and 10th grades students included in this data as well.

ACT averaged reported on DESE website are for 12th graders only, which is the manner ACT reports district data

Standard Deviation is reported to indicate the variance of these average scores. The greater standard deviation the greater the variability of scores with in the mean average.