

Historical Data on the Results of the CAAP Exam

As mentioned on the webpage, all SD Mines students took the Collegiate Assessment of Academic Proficiency (CAAP) exam from the mid-1990s to 2017.

For many years, testing students on General Education skills and knowledge midway through their undergraduate program was the South Dakota Board of Regent’s means of ensuring that all graduates had acquired the skills and knowledge of a generally educated person who earned a bachelor’s degree.

Six years of data are provided in the chart below.

Term Enrolled	School of Mines Students				Nat'l Four-Year Public Sophomores			
	Math	Read	Sci Reas	Writ	Math	Read	Sci Reas	Writ
Spring 2016	63.7	62.4	63.6	63.5	58.7	61.3	61.0	62.7
Fall 2016	62.5	62.2	63.7	62.1	58.5	61.0	60.7	62.3
Spring 2015	62.7	61.0	63.1	62.0	58.6	61.6	61.2	63.0
Fall 2015	62.3	63.5	63.0	62.8	58.7	61.3	61.0	62.7
Spring 2014	62.7	61.0	63.1	62.0	58.6	61.6	61.2	63.0
Fall 2014	64.3	64.9	65.7	65.4	58.6	61.6	61.2	63.0
Spring 2013	63.7	66.9	66.0	66.0	58.5	61.7	61.1	63.1
Fall 2013	62.9	63.9	64.3	65.0	58.6	61.6	61.1	63.1
Spring 2012	64.8	64.5	65.2	66.0	58.5	61.9	61.2	63.6
Fall 2012	63.3	65.1	65.6	65.6	58.5	61.7	61.1	63.1
Fall 2011 & Spring 2012	64.2	65.4	65.6	65.9	58.5	61.9	61.2	63.6
Fall 2010 & Spring 2011	63.8	65.1	65.6	65.8	58.5	62.3	61.6	63.9
MEAN scores	63.4	63.8	64.5	64.3	58.6	61.6	61.1	63.1

These six years of data (above) show writing to be the only sub-score area (i.e., math, reading, science reasoning, and writing) in which SD Mines students did not exceed those of all students nationally, and this occurred twice. In all other instances, SD Mines students scored significantly higher than their counterparts nationally.

What the chart below shows at a glance is the significance of the difference between SD Mines student scores and students nationally. In math, for example, SD Mines score 4+ points on average above students nationally.

All SD Mines students take the CAAP exam right after the sophomore year, so the “sample” of Mines students represented here is 100%. The comparison group consists of the thousands of students at 4-year colleges and universities who take the CAAP exam.

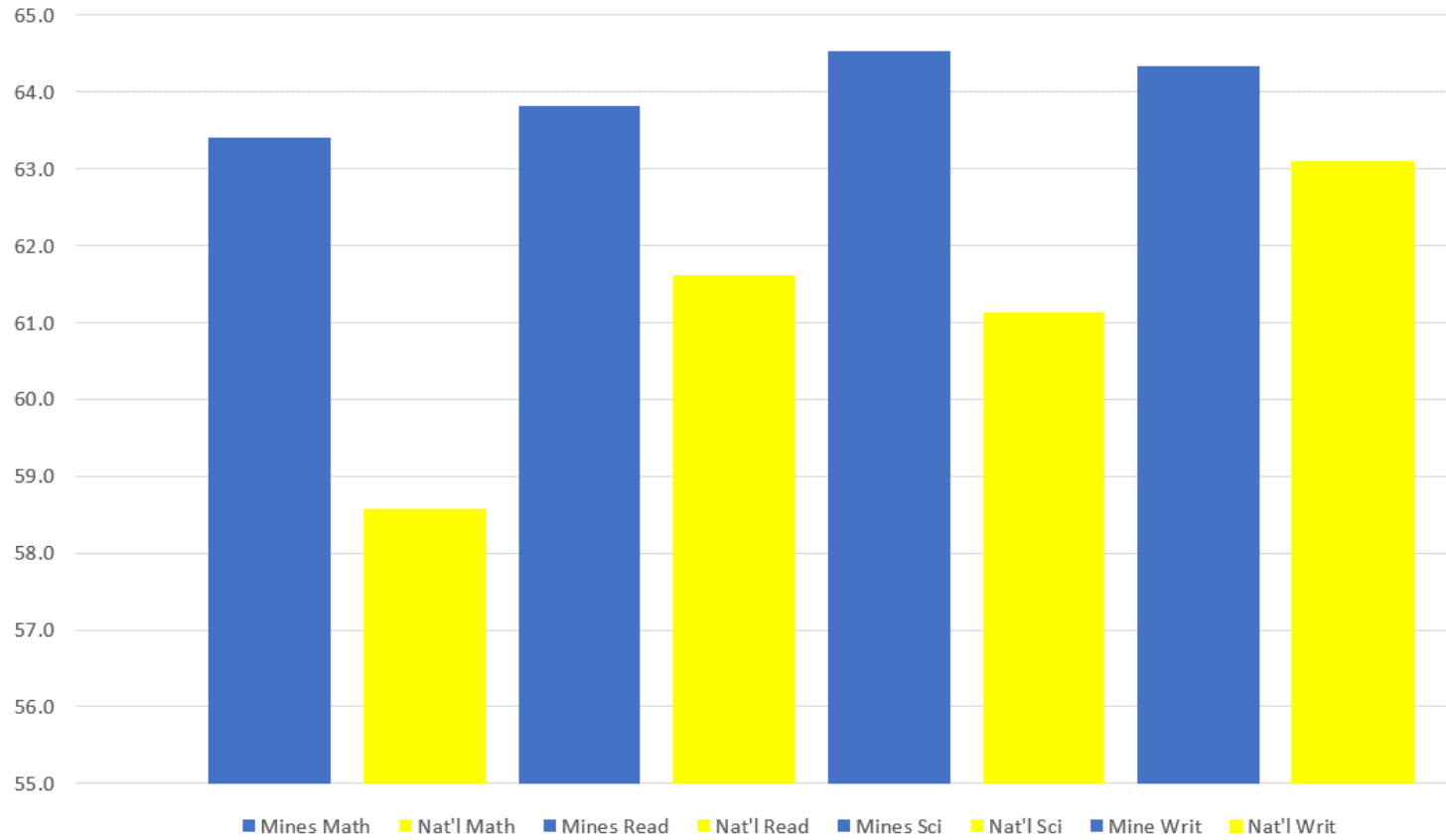


Table shows the mean (average) scores over time of SD Mines students and students nationally