

Impact of CPM on state 10th grade test scores in the Issaquah, WA School District

This study examines the results for the three high schools in the Issaquah School District on the Washington Assessment of Student Learning (WASL) scores from the 1998-99 school year through the 2007-08 school year. During the period from 1999 to 2001, the district average for the three high schools had been 22-25 percentage points higher than the state average. The average difference between Liberty High School and the average of Issaquah and Skyline High Schools has been just short 19 percentage points.

For both the 2001-02 and 2002-03 school years, there was a decline in the WASL pass rate for two of the three Issaquah high schools (the third school only declined for one year). At this point, CPM courses were implemented over three years, beginning with Algebra 1 in 2002-03. When 10th graders who had completed two years of CPM math (Algebra 1 and Geometry) were tested in 2004, the pass rate increased in all three schools and substantially in two of them (13.2, 14.5; and 5.0), while the state average only increased 4.4 percentage points.

Scores increased again in 2005 (12.2, 4.7, and 1.8 percentage points). By this year the average pass rate for the three high schools had returned to its typical average of 23 percentage points above the state average. More notable is that Liberty High School, which typically lagged about 19 percentage points behind the average pass rates for Issaquah and Skyline High Schools, had closed that gap to 10 percentage points.

Since the 2003 testing year, the state average has increased 9.9 percentage points. The increase for the three Issaquah schools is significantly better: Liberty High School with 31, Issaquah High School with 18.1, and Skyline High School with 24.9 percentage point gains. The difference between the state average and the District is now 30.1 percentage points.

Year	Liberty HS	Issaquah HS	Skyline HS	District	State
1998-99	44.60%	61.70%	64.10%	56.40%	33.00%
1999-00	49.00%	65.30%	66.10%	59.80%	35.00%
2000-01	52.00%	70.20%	75.20%	65.70%	38.90%
2001-02	50.80%	63.80%	66.10%	60.10%	37.30%
2002-03	40.00%	65.80%	60.40%	55.50%	39.40%
2003-04	53.20%	70.80%	74.90%	65.70%	44.00%
2004-05	65.00%	74.50%	76.70%	70.90%	47.50%
2005-06	67.40%	81.80%	82.10%	76.40%	51.00%
2006-07	68.60%	78.00%	79.60%	74.80%	50.20%
2007-08	71.00%	83.90%	85.30%	80.10%	49.30%