

February 6, 2015



Legislative Report

Senior Year Plus

STEM Report

STATE BOARD OF EDUCATION

State of Iowa
Department of Education
Grimes State Office Building
400 E. 14th Street
Des Moines, IA 50319-0146

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LEGISLATIVE REPORT REQUIREMENT - IOWA CODE 261E.3 J

All eligible postsecondary institutions providing programming under this chapter shall include the unique student identifier assigned to students while in the kindergarten through grade twelve system as a part of the institution's student data management system. Eligible postsecondary institutions providing programming under this chapter shall cooperate with the department on data requests related to the programming. All eligible postsecondary institutions providing programming under this chapter shall collect data and report to the department on the proportion of females and minorities enrolled in science, technology, engineering, and mathematics-oriented educational opportunities provided in accordance with this chapter. The department shall submit the programming data and the department's findings and recommendations in a report to the general assembly annually by January 15.

SENIOR YEAR PLUS 2013-14 SCHOOL YEAR ENROLLMENT IN STEM

Advanced Placement Course Enrollment by Race/Ethnicity
School Year 2013-14

Race/Ethnicity	Number of Courses	Percent*	Number of STEM	Percent
Asian	807	5.5%	314	7.4%
Black	625	4.2%	127	3.0%
Hispanic	990	6.7%	239	5.7%
Multi-racial	431	2.9%	104	2.5%
Native American	39	0.3%	12	0.3%
Pacific Islander	8	0.1%	2	0.1%
White	11,911	80.4%	3,422	81.1%
Total	14,811	100.1%	4,220	100.1%

* Does not equal 100 due to rounding

Advanced Placement Course Enrollment by Gender
School Year 2013-14

Race/Ethnicity	Number of Courses	Percent	Number of STEM	Percent
Female	8,001	54.0%	1,948	46.2%
Male	6,810	46.0%	2,272	53.8%
Total	14,811	100%	4,220	100%

Concurrent Enrollment by Race/Ethnicity
School Year 2013-14

Race/Ethnicity	Number of Courses	Percent*	Number of STEM	Percent*
Asian	1,076	2.7%	556	3.6%
Black	999	2.5%	412	2.7%
Hispanic	2,862	7.2%	1,152	7.5%
Multi-racial	788	2.0%	325	2.1%
Native American	120	0.3%	38	0.3%
Pacific Islander	31	0.1%	8	0.1%
White	34,155	85.3%	12,909	83.8%
Total	40,031	100.1%	15,400	100.1%

* Does not equal 100 due to rounding

Concurrent Enrollment by Gender
School Year 2013-14

Race/Ethnicity	Number of Courses	Percent	Number of STEM	Percent
Female	19,426	48.5%	6,702	43.5%
Male	20,605	51.5%	8,698	56.5%
Total	35,202	100%	15,400	100%

Postsecondary Enrollment Option by Race/Ethnicity
School Year 2013-14

Race/Ethnicity	Number of Courses	Percent*	Number of STEM	Percent
Asian	100	2.1%	44	3.7%
Black	40	0.9%	4	0.3%
Hispanic	150	3.2%	39	3.3%
Multi-racial	62	1.3%	18	1.5%
Native American	12	0.3%	3	0.3%
Pacific Islander	4	0.1%	1	0.1%
White	4,299	92.1%	1,072	90.8%
Total	4,667	100%	1,181	100%

Postsecondary Enrollment Option by Gender
School Year 2013-14

Race/Ethnicity	Number of Courses	Percent	Number of STEM	Percent
Female	2,813	60.3%	645	54.6%
Male	1,854	39.7%	536	45.4%
Total	5,483	100%	1,181	100%