

Mathematics

Student Demographic Information

Unduplicated Headcount ¹	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	% Change	#	% Change	#	% Change	#	% Change	#	% Change
Bakersfield College	7,553	13%	7,869	4%	8,255	5%	8,043	-3%	8,222	2%

Gender	Mathematics										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Female	4,372	58%	4,491	57%	4,714	57%	4,518	56%	4,567	56%	18,262	53%
Male	3,179	42%	3,375	43%	3,536	43%	3,452	43%	3,560	43%	15,740	46%
Not Reported	2	0%	3	0%	5	0%	73	1%	95	1%	520	2%

Age	Mathematics										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
19 & Younger	2,606	35%	2,710	34%	2,863	35%	2,889	36%	2,937	36%	12,581	36%
20-29	3,901	52%	4,119	52%	4,384	53%	4,243	53%	4,314	52%	15,107	44%
30-39	655	9%	673	9%	672	8%	635	8%	666	8%	4,133	12%
40 & Older	391	5%	367	5%	336	4%	276	3%	305	4%	2,701	8%

Ethnicity	Mathematics										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
African American	263	3%	249	3%	268	3%	252	3%	297	4%	1,590	5%
American Indian	23	0%	15	0%	13	0%	16	0%	18	0%	142	0%
Asian/Filipino/Pac. Islander	350	5%	351	4%	355	4%	360	4%	406	5%	1,603	5%
Hispanic/ Latino	5,060	67%	5,522	70%	5,810	70%	5,657	70%	5,804	71%	23,214	67%
White	1,611	21%	1,495	19%	1,580	19%	1,515	19%	1,457	18%	6,715	19%
Two or More Races	238	3%	235	3%	229	3%	241	3%	240	3%	965	3%
Not Reported	8	0%	2	0%			2	0%			293	1%

Ed Plan Completion	Mathematics										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Abbreviated	4,014	53%	3,048	39%	2,643	32%	2,186	27%	1,944	24%	8,876	26%
Comprehensive	23	0%	635	8%	979	12%	1,017	13%	1,044	13%	3,390	10%
Both (Abbrev. and Comp.)	2,093	28%	3,160	40%	4,031	49%	4,420	55%	4,846	59%	12,165	35%
Other Ed Plan			9	0%	7	0%	3	0%				
Exempt	9	0%	3	0%			4	0%	7	0%	223	1%
FSEP											5	0%
No Ed Plan Completed	1,414	19%	1,014	13%	595	7%	413	5%	381	5%	9,858	29%
NSEP											5	0%

Completed Matriculation ²	Mathematics										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Fully Matriculated	6,059	80%	6,779	86%	7,579	92%	7,548	94%	7,696	94%	23,332	68%

Student Majors Information

Subject Majors ³	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	5-Year Average
Liberal Arts Transfer CVHEC	4	4		6	2	4
Liberal Arts/Math & Science	6	1	6	4	7	5
Liberal Arts/Social & Behvrl	5	5	7	5	4	5
Mathematics	129	123	152	193	220	163

Course Enrollments

Active Sections	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	224	220	230	219	239
Distance Ed	38	37	45	58	57
Total	262	257	275	277	296

First Day Enrollment ⁴	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	7,970	7,932	8,312	7,696	8,263
Distance Ed	2,223	2,246	2,883	2,984	2,885
Total	10,193	10,178	11,195	10,680	11,148

Census Day Enrollment ⁴	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	8,038	7,947	8,184	7,729	8,186
Distance Ed	2,211	2,324	2,954	2,835	2,560
Total	10,249	10,271	11,138	10,564	10,746

Subject Students/Section ⁵	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	36	36	36	35	34
Distance Ed	58	63	66	49	45
Total	39	40	41	38	36

Collegewide Students/Section ⁵	Collegewide				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	32	31	31	30	27
Distance Ed	46	51	51	47	43
Total	33	32	32	31	29

First Day Waitlist ⁶	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	1,965	2,110	1,664	1,659	1,438
Distance Ed	402	394	295	306	163
Total	2,367	2,504	1,959	1,965	1,601

FTES, FTEF & Productivity

FTES ⁷	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	1,289.3	1,247.2	1,300.5	1,226.3	1,311.4
Distance Ed	327.4	339.1	422.7	416.4	375.8
Total	1,616.8	1,586.3	1,723.2	1,642.7	1,687.3

FTEF Workload ⁷	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	67.7	64.9	68.7	66.1	73.2
Distance Ed	6.6	6.3	9.2	11.0	11.6
Total	74.4	71.2	77.9	77.1	84.8

FTEF Workload By Contract Type	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	%	#	%	#	%	#	%	#	%
1) Full-Time	52.1	70%	48.0	67%	51.7	66%	47.4	62%	54.3	64%
2) Overload	5.3	7%	8.1	11%	6.8	9%	8.3	11%	10.1	12%
3) Adjunct	8.5	11%	8.1	11%	10.6	14%	12.0	16%	9.0	11%
4) Summer	7.2	10%	7.0	10%	8.8	11%	9.3	12%	11.1	13%
5) Banked Load	1.1	2%								
6) Unidentified	0.0	0%	0.0	0%					0.3	0%

Subject Productivity (FTES/FTEF) ⁸	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	19.0	19.2	18.9	18.5	17.9
Distance Ed	49.3	53.6	46.0	37.9	32.4
Productivity (FTES/FTEF)	21.7	22.3	22.1	21.3	19.9

Collegewide Productivity (FTES/FTEF) ⁸	Collegewide				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	17.1	16.8	16.8	16.9	15.7
Distance Ed	23.6	25.8	24.8	22.7	19.8
Productivity (FTES/FTEF)	17.5	17.3	17.4	17.4	16.1

Success & Retention Rates

Subject ⁹	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	84%	56%	85%	56%	85%	57%	87%	58%	87%	58%
Distance Ed	78%	45%	79%	43%	77%	41%	76%	37%	75%	46%
Total	83%	54%	84%	53%	83%	53%	84%	52%	84%	55%

Collegewide ⁹	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	87%	70%	87%	70%	88%	71%	89%	72%	91%	74%
Distance Ed	77%	53%	79%	55%	80%	55%	84%	58%	86%	66%
Total	86%	69%	86%	69%	87%	69%	89%	71%	90%	73%

Success & Retention Rates Disaggregated

Because of small numbers, the five years represented in this report were combined. Percentages shown in grey italics are from groups of less than 30 where overall results are more influenced by individual results.

Subject Overall Combined	Retention	Success
Mathematics	83%	53%

Collegewide Overall Combined	Retention	Success
Bakersfield College	88%	70%

Subject Gender	Retention	Success
Female	83%	53%
Male	83%	53%

Collegewide Gender	Retention	Success
Female	87%	70%
Male	88%	70%

Subject Age	Retention	Success
19 & Younger	86%	54%
20-29	83%	54%
30-39	80%	53%
40 & Older	79%	50%

Collegewide Age	Retention	Success
19 & Younger	88%	67%
20-29	87%	70%
30-39	88%	77%
40 & Older	88%	78%

Subject Ethnicity	Retention	Success
African American	77%	41%
American Indian	83%	56%
Asian/Filipino/Pac. Islander	89%	64%
Hispanic/ Latino	84%	52%
Two or More Races	82%	52%
White	83%	58%

Collegewide Ethnicity	Retention	Success
African American	79%	55%
American Indian	87%	72%
Asian/Filipino/Pac. Islander	91%	78%
Hispanic/ Latino	87%	68%
Two or More Races	85%	68%
White	89%	77%

Subject Ed Plan Completion	Retention	Success
Completed Student Ed Plan	84%	54%

Collegewide Ed Plan Completion	Retention	Success
Completed Student Ed Plan	88%	71%

Subject Fully Matriculated	Retention	Success
Fully Matriculated	84%	54%

Collegewide Fully Matriculated	Retention	Success
Fully Matriculated	88%	71%

Student Awards

Awards by Type & Program ¹⁰		2013-14	2014-15	2015-16	2016-17	2017-18	5-Year Total
AA	Mathematics	9	6	6	2	4	27
	Award Type Total	9	6	6	2	4	27
AS-T	Mathematics		3	11	11	27	52
	Award Type Total		3	11	11	27	52
Total Awards		9	9	17	13	31	79

Footnote Explanations

- 1 The Unduplicated Headcount is the number of students enrolled on census day, where each student is counted one time.
- 2 Fully matriculated is completing (or being exempt from) all matriculation components (Assessment, Orientation, Counseling, and Ed Plan).
- 3 When the same major is offered at another KCCD college, the student count includes students who selected their major at the other college but who attended this college. Only majors that students have declared are shown. An '**' indicates that a Major does not exist in the 2017-18 college catalog.
- 4 Enrollments are reported on both First Day and Census Day. Each course a student is enrolled in is counted as one enrollment.

- 5 Students per Section is defined as census enrollments divided by active sections. Cross-listed sections are not combined.
- 6 Waitlisted Enrollments on First Day (determined by section start date) where each section a student is waitlisted in counts as one waitlisted enrollment.
- 7 Acronyms FTES and FTEF represent full-time equivalent students and full-time equivalent faculty (workload associated with sections taught) respectively.
- 8 FTES/FTEF: A measurement of productivity where the generally accepted target is 17.5.
- 9 Success rate numerator: Number of course enrollments with a successful passing grade (A,B,C,P).
Retention rate numerator: Number of course enrollments retained through the semester (grade=A,B,C,P,D,F,NP,I).
Success and Retention rate denominator: Number of enrollments retained (A,B,C,P,D,F,NP,I), and withdrawn (W).
- 10 Only programs with student awards will be shown. An '*' indicates that the program major does not exist in 2017-18 college catalog.