

Post-Baccalaureate Enrollment of Fresno State Graduates

Question: What portion of Fresno State baccalaureate graduates continue their education and where?

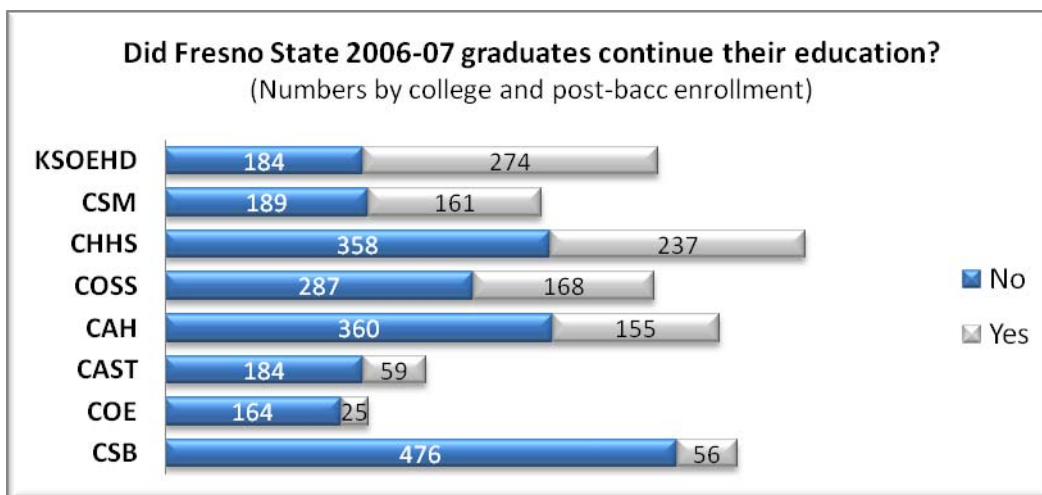
In order to answer the question we submitted a sample of Fresno State graduates to the National Student Clearinghouse to identify whether students continued their education and where they were enrolled. The sample included all students who graduated with Bachelor’s degrees in 2006-07 and 2007-08 academic years – a total of 6,919 students. Following are the findings of the analysis.

One-third of graduates continued their education.

On average, 25% of a graduating class chose to enroll in a post-baccalaureate program in the immediate semester after graduation. Some students, particularly those who graduated in fall waited until the following fall to enroll. Overall, slightly more than one-third (34%) of those 3,354 students who graduated in the 2006-07 academic year continued their education within the next academic year (2007-08). As of the date of this report, insufficient time has passed for us to calculate the “next academic year” enrollment rate for students who graduated in 2007-08.

Post-baccalaureate enrollment rates varied across colleges.

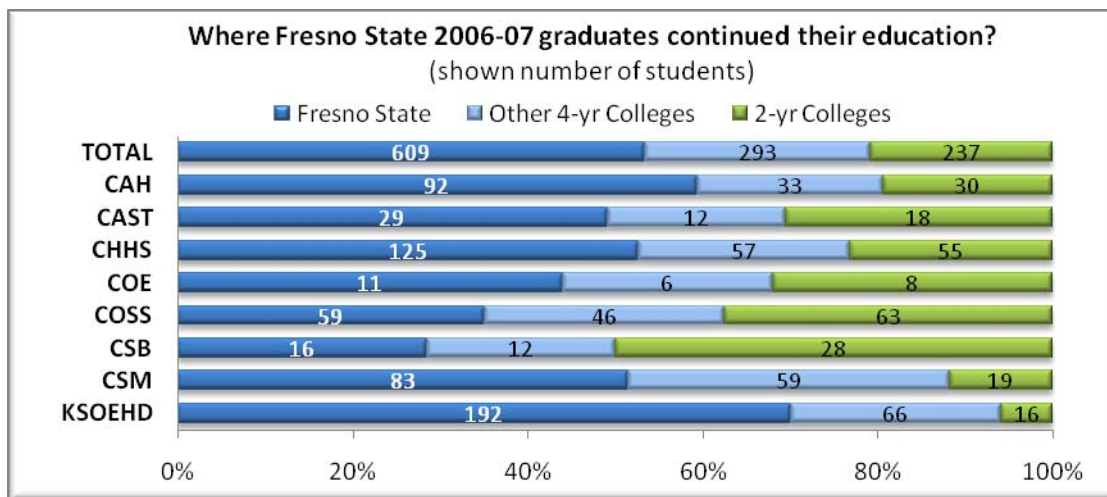
Students who graduated from KSOEHD, CSM and CHHS chose to continue their education in higher proportions than students from other colleges (60%, 46% and 40% respectively). At the same time, only 11% of graduates from CSB and 13% of graduates from COE continued their education in the next academic year (Appendix Table 1).



The top 5 departments with the highest proportions of students who continued their education were Music (76%), Physical Therapy (73%), Mathematics (73%), Communicative Disorders (64%), and Education Interdepartmental (60%) (Appendix Table 2).

Most students continued their education at Fresno State; others at Fresno City.

Over half of those who graduated in 2006-07 academic year and continued their education in the next academic year enrolled at Fresno State. Next in the list of most frequently enrolled colleges were Fresno City College (10%) and National University (7%, Appendix Table 6).



At Fresno State: Half enrolled in Credential programs, half in Graduate programs.

Overall, those who graduated in 2006-07 and continued their education at Fresno State enrolled in equal proportions in graduate and credential programs (each 49%, Appendix Table 7). Most students who graduated from KSOEHD enrolled in credential programs, while graduates from CHHS and CSM chose predominantly master’s programs. In general, students tend to enroll in the same colleges where they did their undergraduate programs. However, a substantial portion of COSS, CSM and CAH graduates (56%, 35% and 34%, respectively) who continued their education at Fresno State did so in KSOEHD (Appendix Table 8).

Gender and ethnicity varied across colleges; students with higher GPAs continued education.

Proportions of males and females who continued their education varied across colleges. Though, overall, females continued their education at a higher rate than males (38% vs 28%), males from CHHS, CAH and KSOEHD enrolled at 3 to 5% higher proportions than females did. On the other side, females’ rates were larger for students from CSM, CAST and COE (by 7%, 11% and 19%, respectively, Appendix Table 3).

Overall, Hispanic and White graduates continued their education at higher rates than Asians and African Americans. Proportions varied across the colleges; however, due to small numbers of graduates for some ethnic groups, it is hard to make race comparisons on the college level (Appendix Table 4).

Students with a higher graduating GPA were a little more likely to enroll after earning their baccalaureate degree. The average GPA of those who continued their education was 3.16 versus 3.04 for those who didn’t continue. This was true across colleges with some variations in the extent of the GPA difference: larger difference for COE and CSM graduates, smaller or practically no difference for COSS and CHHS (Appendix Table 5).

Appendix

Table 1: Number of students who graduated in 2006-07 and 2007-08 academic years with bachelor's degrees from Fresno State and percentages of those who continued their education

Graduated from College:	AY 06-07 & 07-08, N	Post-Bacc Enroll in Next Semester, %	AY 06-07, N	Post-Bacc Enroll in Next AY, %*
CAH	1054	23%	517	30%
CAST	553	19%	244	24%
CHHS	1316	29%	595	40%
COE	372	7%	189	13%
COSS	923	22%	456	37%
CSB	1081	6%	533	11%
CSM	727	37%	350	46%
KSOEHD	863	53%	458	60%
SPE	30	17%	12	33%
Grand Total	6919	25%	3354	34%

*Calculated only for AY06-07 graduates. As of the date of this report, data are not available for AY07-08 graduates.

Table 2: Number of students who graduated in 2006-07 academic year with bachelor's degrees and percentages of those who continued their education within the next academic year by college and department

College	Department	AY 06-07, N	Post-Bacc Enroll in Next AY, %
CAH	Mass Comm & Journalism	143	13%
	Art & Design	115	20%
	English	84	54%
	Communication	72	28%
	Foreign Lang & Literatures	32	53%
	Philosophy	21	33%
	Music	21	76%
	Theatre Arts	18	28%
CAST	Linguistics	11	27%
	Child Family & Consumer Sci	70	27%
	Animal Sciences & Ag Education	60	33%
	Industrial Technology	36	14%
	Agricultural Economics	33	9%
	Food Science & Nutrition	18	28%
	Viticulture & Enology	14	21%
Plant Science	13	31%	

Table 2 (Continued)

College	Department	AY 06-07, N	Post-Bacc Enroll in Next AY, %
CHHS	Nursing	129	15%
	Social Work Education	126	30%
	Kinesiology	105	57%
	Health Science	105	41%
	Communicative Disorders	67	64%
	Physical Therapy	37	73%
	Rec Admin & Leisure Studies	26	27%
COE	Civil & Geomat Engr & Const	123	10%
	Elect & Computer Engineering	46	26%
	Mechanical Engineering	20	5%
COSS	Criminology	236	34%
	History	86	52%
	Political Science	46	41%
	Sociology	37	19%
	Economics	14	36%
	Anthropology	14	29%
	Geography	13	15%
	Chicano & Latin Amer Studies	6	83%
	Women's Studies	3	0%
	Ethnic Studies	1	0%
CSB	Management	172	12%
	Accountancy	109	8%
	Marketing & Logistics	106	8%
	Finance & Business Law	105	14%
	Info Sys & Decision Sciences	41	10%
CSM	Psychology	186	46%
	Biology	71	41%
	Mathematics	30	73%
	Chemistry	30	37%
	Computer Science	17	35%
	Physics	8	75%
	Earth & Environment Sciences	8	25%
KSOEHD	Education Interdepartmental	456	60%
	Teacher Education	2	50%
SPE	Special Programs	12	33%
Grand Total		3354	34%

Note: Highlighted are cells with 20 or more students with 60% or more continuing their education.

Table 3: Number of students who graduated in 2006-07 academic year with bachelor's degrees and percentages of those who continued their education within the next academic year by Gender

Graduated from College:	AY 06-07, N		PB Enroll in Next AY, %	
	Female	Male	Female	Male
CAH	332	185	29%	32%
CAST	140	104	29%	18%
CHHS	456	139	39%	44%
COE	23	166	30%	11%
COSS	226	230	36%	37%
CSB	241	292	10%	11%
CSM	211	139	49%	42%
KSOEHD	406	52	59%	63%
SPE	10	2	30%	50%
Grand Total	2045	1309	38%	28%

Table 4: Number of students who graduated in 2006-07 academic year with bachelor's degrees and percentages of those who continued their education within the next academic year by Ethnicity (excluding international students and unknown category)

Graduated from College:	AY 06-07, N					Post-Bacc Enroll in Next AY, %				
	African American	American Indian	Asian	Hispanic	White	African American	American Indian	Asian	Hispanic	White
CAH	19		42	120	217	32%		38%	41%	28%
CAST	3		18	38	121	0%		28%	26%	26%
CHHS	21	3	103	150	225	33%	0%	29%	41%	44%
COE	2	1	28	38	75	50%	0%	4%	13%	12%
COSS	33	1	27	135	166	33%	0%	44%	41%	39%
CSB	18	4	61	115	215	11%	25%	8%	3%	14%
CSM	12	3	39	73	135	58%	0%	44%	44%	46%
KSOEHD	7	5	41	136	185	71%	80%	51%	60%	65%
SPE	1			1	7	0%			0%	29%
Grand Total	116	17	359	806	1346	34%	29%	30%	37%	36%

Note: Due to small numbers of graduates for some ethnic groups, it is hard to compare proportions of those who continued their education by individual colleges.

Table 5: Average GPA comparison for students who continued their education versus those who did not

Graduated from College:	Post-Bacc Enrollment		Total avg GPA	GPA Difference (Yes-No)
	No	Yes		
CAH	3.06	3.17	3.09	0.11
CAST	3.01	3.11	3.03	0.10
CHHS	3.15	3.23	3.18	0.08
COE	2.99	3.24	3.02	0.25
COSS	3.03	3.07	3.05	0.04
CSB	2.98	3.05	2.99	0.07
CSM	3.02	3.19	3.10	0.17
KSOEHD	3.02	3.14	3.09	0.13
SPE	2.58	3.15	2.77	0.57
Grand Total	3.04	3.16	3.08	0.12

Table 6: Initial colleges of post-baccalaureate enrollment for Fresno State students who graduated in 2006-07 academic year and continued their education within the next academic year

PB Enrollment at:	Graduated from:										TOTAL	Percent of Total
	CAH	CAST	CHHS	COE	COSS	CSB	CSM	KSOEHD	SPE			
4-year colleges including largest:	125	41	182	17	105	28	142	258	4	902	79%	
FRESNO STATE	92	29	125	11	59	16	83	192	2	609	53%	
NATIONAL UNIVERSITY	6	4	12		14	4	14	29	2	85	7%	
FRESNO PACIFIC UNIV	1	2	2		2	2	8	7		24	2%	
CHAPMAN U-AC 1	1		1		2		1	8		13	1%	
CSU- STANISLAUS	1	1	1	1	1			8		13	1%	
UNIV OF PHOENIX	3		2		3			3		11	1%	
ALLIANT INT UNIV			1		2		7			11	1%	
CSU - SACRAMENTO	1	2	3		1		1	2		10	1%	
SAN JOSE STATE			3	1	1		1	2		8	1%	
CSU - BAKERSFIELD	1		2	1				2		6	1%	
2-year colleges including largest:	30	18	55	8	63	28	19	16		237	21%	
FRESNO CITY COLLEGE	14	5	30	4	33	14	7	7		114	10%	
REEDLEY COLLEGE	3	3	6	2	6	3	5	1		29	3%	
COL OF THE SEQUOIAS	2	3	1	1	3	2	1	2		15	1%	
WEST HILLS CC		2	3		2		1	1		10	1%	
SAN JOAQUIN DELTA	1		2		3		2			8	1%	
WEST HILLS, LEMOORE			3		1		1			5	0%	
SANTA ANA COL		2			2		1			5	0%	

Grand Total | 155 59 237 25 168 56 161 274 4 | 1139 | 100%

Table 7: Programs of post-baccalaureate enrollment for students who graduated in 2006-07 academic year and continued their education at Fresno State within the next academic year

Graduated from:	Program of Post-Bacc Enrollment at Fresno State							TOTAL
	CERT	CRED	GEXT	GRAD	PBAC	UGRD	UGRD2	
CAH		42		50	2		2	94
CAST	2	18		9	1		1	30
CHHS		17		106	6		5	128
COE				9			2	11
COSS		27		31	3		4	62
CSB		1	1	12	2		5	19
CSM		20		63	4	1	2	86
KSOEHD		177		21	5	1	2	191
SPE				1				1
Total	2	302	1	302	23	2	23	622
Percent of Total*	0%	49%	0%	49%	4%	0%	4%	100%

*Students could enroll in multiple programs during the academic year, that's why the sum of percentages doesn't equal 100.

Table 8: Colleges of post-baccalaureate enrollment for students who graduated in 2006-07 academic year and continued their education at Fresno State within the next academic year

Graduated from:	Post-Bacc College									TOTAL
	CAH	CAST	CHHS	COE	COSS	CSB	CSM	KSOEHD	SPE	
CAH	55		4		1	1	1	32*a	1	94
CAST		22	1					7		30
CHHS	3	1	108			2		15	4	128
COE		1		6		4				11
COSS	1	1	2		20	1	2	35*b	1	62
CSB	2	2	1			9	1	3		19
CSM	1		3	1	1	1	50	30*c	1	86
KSOEHD	4		24		1			173		191
SPE	1									1
Total	67	27	143	7	23	18	54	295	7	622
Percent of Total*	11%	4%	23%	1%	4%	3%	9%	47%	1%	100%

*Students could change colleges during the academic year that's why the sum of percentages doesn't equal 100.

Notes:

*a: of 32 students, 28 continued in Teacher CRED (mostly from UGRD English and Mass Comm)

*b: of 35 students, 26 continued in Teacher CRED (mostly from UGRD History) and 7 continued in GRAD Counseling

*c: of 30 students, 28 UGRD Psychology continued education in GRAD Counseling