

***The New CSU Graduate Differential:  
Implications for 2006-07 and Beyond***

***Workshop for Academic Chairs***

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*Trends in Graduate/Post-baccalaureate Students  
(Headcounts)*

	<i>Fall 03</i>	<i>Spr 04</i>	<i>Fall 04</i>	<i>Spr 05</i>	<i>Fall 05</i>	<i>Spr 06</i>
<i>All Grads/PB's</i>	5,696	5,284	5,516	5,551	5,578	5,144
<i>Master's Seeking</i>	3,928	3,785	4,052	4,028	4,160	3,833
<i>-----% of All G/PB</i>	69.0%	71.6%	73.5%	72.6%	74.6%	74.5%
<i>PB-Credential</i>	1,420	1,203	1,213	1,237	1,213	1,152
<i>-----% of All G/PB</i>	24.9%	22.8%	22.0%	22.3%	21.7%	22.4%
<i>PB-2<sup>nd</sup> Bachelor's</i>	175	151	107	163	120	95
<i>PB-Other</i>	173	145	144	123	85	64
<i>All Grads/PB's as % of Total Students</i>	17.5%	17.1%	16.8%	16.6%	15.9%	15.2%

*Note: Only Master's-seeking graduate student FTES are eligible for re-benching. Postbac. credential students' FTES are not eligible.*

**Growth or Decline by Key Student Categories, Large Urbans and Other LA Basin CSU's, 2002 versus 2005**

	<b>Graduate Headcount</b>		<b>Postbac Headcount</b>		<b>Undergrad Headcount</b>		<b>All Students</b>		<b>% Grad.</b>		<b>% PB</b>	
	<b>2002</b>	<b>2005</b>	<b>2002</b>	<b>2005</b>	<b>2002</b>	<b>2005</b>	<b>2002</b>	<b>2005</b>	<b>2002</b>	<b>2005</b>	<b>2002</b>	<b>2005</b>
<b>Large Urbans</b>												
<b>Fullerton</b>	3,700	4,160	1,809	1,418	25,434	29,462	32,143	35,040	11.5%	11.9%	5.6%	4.0%
<i>Long Beach</i>	3,780	4,026	2,476	2,007	27,853	28,514	34,566	34,547	10.9%	11.7%	7.2%	5.8%
<i>Northridge</i>	3,817	4,323	3,618	2,066	25,781	26,854	33,579	33,243	11.4%	13.0%	10.8%	6.2%
<i>Sacramento</i>	3,649	3,594	2,038	1,310	22,554	23,028	28,558	27,932	12.8%	12.9%	7.1%	4.7%
<i>San Diego</i>	4,863	4,612	1,437	1,231	27,846	26,850	34,304	32,693	14.2%	14.1%	4.2%	3.8%
<i>San Francisco</i>	4,929	4,581	1,643	1,295	20,828	23,074	28,378	28,950	17.4%	15.8%	5.8%	4.5%
<i>San Jose</i>	5,939	6,180	1,629	1,702	22,152	22,093	30,350	29,975	19.6%	20.6%	5.4%	5.7%
<b>Other LA Basin</b>												
<i>Los Angeles</i>	4,417	4,346	2,109	733	14,294	14,955	21,099	20,034	20.9%	21.7%	10.0%	3.7%
<i>Dominguez Hills</i>	3,102	2,461	2,361	953	8,041	8,943	13,504	12,357	23.0%	19.9%	17.5%	7.7%
<i>Pomona</i>	1,111	1,221	1,307	689	17,403	17,975	19,821	19,885	5.6%	6.1%	6.6%	3.5%
<i>San Bernardino</i>	2,299	2,483	2,787	1,484	11,255	12,464	16,341	16,431	14.1%	15.1%	17.1%	9.0%
<i>San Marcos</i>	556	629	973	546	6,149	6,327	7,678	7,502	7.2%	8.4%	12.7%	7.3%
<b>CSU Total</b>	51,009	51,136	32,085	22,583	318,933	331,563	406,515	405,282	12.5%	12.6%	7.9%	5.6%

**Source:** [www.calstate.edu/as/stat\\_reports/2002-03/fmaj01.htm](http://www.calstate.edu/as/stat_reports/2002-03/fmaj01.htm), and same for 2005-06  
**Yellow shading indicates losses**

## Calculating the Graduate FTES Differential for 2006-07

	2003-04	2004-05	2005-06	Orig. Est. 2006-07
A) AY Masters Headcount	3,857	4,040	3,997	3,906
B) AY Masters FTES	1,788	1,904	1,869	1,826
C) CY Total FTES	24,910	24,395	27,187	27,778
D) AY Masters proportion of CY Total = (B) / (C)	0.0718	0.0780	0.0687	0.0657
E) If on AY (not)	0.0779	0.0780	0.0733	0.0703
F) Re-bench Masters FTES = (B) X 1.25	2,235	2,380	2,336	2,283
G) Grad Diff. FTES = (F) – (B)	447	476	467	457
H) CY Re-benched = (C) + (G)	---	24,871	27,654	28,235
I) CO Target Re-benched	---	---	*25,501	*26,935
CY versus CO Target = (H) – (I)	---	---	+ 2,153	+ 1,300

## *How the CO Re-benched Our CY 2005-06 Target*

- 1. Original target (pre-re-benching) = 25,010*
- 2. 2004-05 graduate FTES proportion: 0.0780*
- 3.  $25,010 \times 0.078 = 1,952$  estimated graduate FTES*
- 4. Re-benching =  $1,952 \times 1.25 = 2,440$  FTES*
- 5. A graduate differential of  $2,440 - 1,952 = 488$  FTES*
- 6.  $25,010 + 488 + 3$  “marginal adjustment” = 25,501,  
the re-benched target for CY 2005-06.*

*Note: Because the CY 2005-06 re-benched target is used as the basis for calculating CY 2006-07 re-benched growth FTES, we absorb  $25,501 - 25,010 = 491$  FTES without any growth dollars.*

## How the CO Re-benched Our CY 2006-07 Target

1. Original target ("Version 16") = 25,650
2. Additional baseline provided = 100, + 25,650 = 25,750 FTES
3. Remove 41 FTES in new RN-Masters Nursing = 25,709
4. Apply 2004-05 graduate proportion @ 0.0780 to 25,709 =
5. 2,006 graduate FTES (without new Nursing program)
6. Add 41 new Nursing FTES back in = 2,006 + 41 = 2,047 grad FTES within baseline target
7. Re-bench these graduate FTES = 2,047 X 1.25 = 2,559 FTES
8. Graduate differential = 2,559 – 2,047 = 512 FTES
9. New re-benched FTES target for CY 2006-07 is:
  - 25,709 + 41 + 512 grad differential = 26,262 FTES...
  - Minus "marginal adjustment" 26,262 - 3 = 26,259 FTES
  - Plus 19 new Nursing FTES above Governor's Compact @ 1.25
  - = 26,259 + 24 = 26,283 FTES
  - AND 652 FTES "one-time undergrad/PB FTES as an advance on CY 2007-08 FTES" = 26,283 + 652 =
- 26,935 "Total Internal CY 2006-07 Target (Re-benched)"<sub>6</sub>

*Regular Versus Re-benched FTES, Actual AY 2005-06*

	Baseline	<u>Regular FTES</u>		<u>Re-Benched FTES</u>		<u>Difference</u>	
	SFR	Number	Percent	Number	Percent	Number	Percent
ARTS	18.0	2,296.7	9.0%	2,318.8	8.9%	22.1	4.7%
CBE	22.7	4,363.2	17.1%	4,427.7	17.0%	64.5	13.8%
COMM	22.9	2,043.4	8.0%	2,067.9	8.0%	24.5	5.2%
ECS	16.1	682.0	2.7%	736.3	2.8%	54.3	11.6%
EDUC	18.2	1,729.0	6.8%	1,828.4	7.0%	99.4	21.3%
HHD	20.4	2,618.3	10.3%	2,694.0	10.4%	75.7	16.2%
H&SS	25.1	8,215.1	32.2%	8,317.7	32.0%	102.6	21.9%
NSM	20.6	3,465.1	13.6%	3,489.5	13.4%	24.4	5.2%
OTHER	---	103.0	0.4%	103.0	0.4%	0.0	0.0%
TOTAL	21.1	25,515.9	100.0%	25,983.3	100.0%	467.4	100.0%

## Interdependence Matrix for CSUF Graduate Students' SCU's AY 2005-06

College of Major	College Where Courses Were Taken (Percent Share of Total SCU's)								Total SCU's	SCU's at Grad Level	Percent at Grad Level	Unduplicated Headcount	Average Units
	ARTS	CBE	COMM	ECS	EDUC	HHD	H&SS	NSM					
ARTS	97.4%	0.2%	0.0%	0.0%	0.7%	0.7%	0.9%	0.0%	1325.5	845.5	63.8%	169.5	7.8
CBE	0.0%	98.2%	0.1%	0.1%	0.2%	0.2%	0.3%	1.0%	3827.0	2970.0	77.6%	525.0	7.3
COMM	0.0%	0.3%	97.6%	0.0%	1.2%	0.0%	0.6%	0.2%	1460.5	1088.0	74.5%	188.0	7.8
ECS	0.1%	0.9%	0.1%	95.8%	0.0%	0.3%	0.5%	2.4%	3342.5	2106.0	63.0%	508.0	6.6
EDUC	0.1%	0.0%	0.1%	0.0%	98.6%	0.7%	0.3%	0.2%	5854.5	5238.5	89.5%	967.5	6.1
HHD	0.1%	0.4%	0.2%	0.0%	0.2%	97.3%	1.6%	0.1%	4491.5	4147.5	92.3%	534.0	8.4
H&SS	0.3%	0.9%	0.4%	0.7%	1.7%	1.5%	93.7%	0.8%	6395.0	4423.0	69.2%	890.0	7.2
NSM	0.2%	0.0%	0.0%	0.6%	2.6%	0.7%	1.3%	94.6%	1349.5	844.5	62.6%	214.5	6.3
<b>Total (Percent)</b>	4.7%	13.8%	5.2%	11.6%	21.3%	16.2%	21.9%	5.2%	100.0%			3996.5	7.0
<b>Total SCU's</b>	1324.5	3871.0	1471.0	3257.0	5965.5	4540.0	6155.0	1462.0	28046.0				
<b>SCU's at Grad Level</b>	845.5	2991.0	1097.0	2116.5	5255.0	4125.0	4367.5	865.5	21663.0				
<b>Percent at Grad Level</b>	63.8%	77.3%	74.6%	65.0%	88.1%	90.9%	71.0%	59.2%	77.2%				
<b>Grad Level (Percent)</b>	3.9%	13.8%	5.1%	9.8%	24.3%	19.0%	20.2%	4.0%	100.0%				

*FTES Enrollment / Target / Budget Update as of August 24, 2006*

*Not Re-benched (Blue)*

*Re-benched (Pink)*

*2005-06 actual*

*2006-07-orig.  
model*

*2006-07 as of  
08/24/06*

<i>YRO</i>	1,673	1,800	1,700
<i>Fall</i>	25,975	26,387	26,375
<i>Spring</i>	25,054	25,568	25,560
<i>CY</i>	27,187	27,778	27,668
<i>CO Target</i>	25,010	*26,421	*26,421
<i>Overage</i>	2,177	1,357	1,247
<i>Grad diff.</i>	+467	+457	+457
<i>Re-benched CY FTES</i>	27,654	28,235	28,125
<i>CO Target</i>	25,501	**26,935	**26,935
<i>Overage</i>	+2,153	+1,300	+1,190
<i>Non-resident maximum</i>	1,096	1,096	1,096
<i>Actual Non-resident 05-06</i>	971.1	---	---

\*Growth FTES (1,411) = 740 baseline, 652 1-time, and 19 MSN above baseline.

\*\*Growth FTES (1,434) = 758 baseline, 652 1-time, and 24 MSN above baseline.

## *What we know so far from the Chancellor's Office*

- *The FTES target, the growth FTES marginal funding, and all other related budget are in **re-benched FTES** this year.*
- *FTES enrollments will be reported in **re-benched FTES** starting this year.*
- *CY 2006-07 is a transitional year for other planning processes.*
- *The Multiyear FTES Estimates will be re-benched this year, as will the Academic Planning Data Base (APDB, FAD) system*
- *The Capital Outlay Planning cycle will use re-benched FTES next year (using 2006-07 actual and multi-year estimates for capital planning for 2009-10)*
- *There will be a proposal to the state for an enriched formula for graduate research space.*
- *Growth in graduate programs should focus on FTES by those who pay resident fees, because nonresident FTES above our current level will no longer receive state funding*

## *What we know so far, continued*

- *Re-benching normalizes the graduate FTES, so there is no separate allocation for the graduate differential. Each growth FTES has the same marginal cost.*
- *As such, the re-benched target can be made by either graduate or undergraduate/postbac FTES.*
- *So far, internal campus targets (by college, etc) have remained in regular FTES.*
- *The total graduate differential coming to the campus in 2006-07 is 18 FTES, or 0.8 FTEF.*
- *Academic Affairs is in the process of clarifying the long-term resource implications.*
- *Internal campus targets (and other internal campus reporting) will be re-benched when the plan to use the enriched funding to improve graduate programs is in place.*