

Institutional Analysis Advisory Board, January 6, 2010

CU-Boulder Planning, Budget, and Analysis

10-12, PBA conference room

Meetings '09-10 are:

9/2/09**11/4/09****1/6/10****3/3/10****5/5/10**

All are 10-12, PBA conference room

All are Wednesdays -- the first Wed of alternate months Sept, Nov, Jan, March, May

Grad survey – Jeff – do first**Enrollment projections** – for fall 2010, and for use in master plan**pages 3, 4-6**<http://www.colorado.edu/pba/records/enrlproj.htm>

SEE Excel files for each

Cum loan debt for bachelor's graduates, 2004-2009 – new longitudinal graphs -- Perry<http://www.colorado.edu/pba/records/debt/loandebt.htm>**pages 7-9****NSSE – Jeff****Accreditation**

- Steering committee meetings 1/20, 2/17, visit 2/21-24
- Resource room <http://www.colorado.edu/accreditation/resources/index.html>
- Briefing document

Looking out: CCHE and CDHE <http://highered.colorado.gov/dhedefault.html> data availability

- We submit SURDS files – Student Unit Record Data System, submitted to CCHE by institutions (separately for each campus)
 - UG applicants by term
 - Enrollment each term, from end of term – includes continuing ed only, non-degree
 - Financial aid, annually
 - Degrees granted, annual
 - Teacher ed, annual
 - Auxiliary files – changed IDs, deaths of students in cohorts . . .
- Searchable database and reports <http://highered.colorado.gov/data.html>
 - With link to SURDS dictionary (new!)
- Policies <http://highered.colorado.gov/educators.html>
- Also submit FTE counts – not unit record, not necessarily same rules – Sept, Feb, then full FY report in July. CDHE reports under data -> budget and finance

IPEDS HR – who we report, in what bins `file://cvcn\pba\ia\IR\Reports\IPEDS\HR\IPEDSHRbasics.xls`

SEE table and definitions of full/part x person type x function

pages 10-11

Once have all those distinctions, report further

- differentiation by gender, race/ethnic, salary level, full/assoc/asst, 9-mo/12-mo contract
- sums of salaries, various benefits

<http://www.colorado.edu/pba/ipeds/>**Some PBA standard postings** – Navigation from <http://www.colorado.edu/pba/ia/>

- Approved degrees: Degrees -> Approved degrees
<http://www.colorado.edu/pba/concepts/aprvdeglst.htm>
- Standard diversity tables: Diversity --> enrollment by level
<http://www.colorado.edu/pba/div/enrl/index.html>

Can't come today: Mary Steiner, Barb Todd, Mike Grant, Jim DR, Jill Taylor

Members

Cathleen Burns
Deb Coffin/D. Viles
Jim Davis-Rosenthal
Mike Grant
Elaine Hernandez
Merlyn Holmes
Cynthia Husek
Alphonse Keasley

Kevin MacLennan
Terry Mayes
Jennifer McDuffie
Steve McNally
Malinda Miller Huey
Richard Nishikawa
Gwen Pomper – Ofelia
Erika Smith/Dana T
Marin Stanek

Mary Steiner
Christine Stroup-Benham
Alex Subert
Jill Taylor
Liz Tomich
Barb Todd
Katie Vahey, UGGS
Michael Warden

From PBA/IA: x Fran Costa

Perry Sailor

Jeff Schiel

Robert Stubbs

Annie Thayer

CU-Boulder enrollment management populations

See new block on international

Fall of		08	09	Proj 10	Source	Chng frm09	Issues
Undergrads -- degree-seeking & teacher licensure							
Continuing & readmit	R	12,510	12,613	12,742	IL FF predictions 11/27/09	129	
	N*	5,417	5,916	5,864	IL FF predictions 11/27/09	(52)	
	All	17,927	18,529	18,606		77	
		52.5%	58.5%	56.4%		-2.1%	
New frosh	R	3,064	3,227	3,100	VCupdt 12/16	(127)	
	N	2,769	2,292	2,400	VCupdt 12/16	108	
	All	5,833	5,519	5,500		(19)	
New trnsf	R	894	942	950	Epred, up w military return	8	
	N	426	418	420	Epred, up w military return	2	
	All	1,320	1,360	1,370		10	
All new UG	R	3,958	4,169	4,050		(119)	
	N	3,195	2,710	2,820		110	
All new UG	All	7,153	6,879	6,870		(9)	
All UG	R	16,468	16,782	16,792		10	
	N	8,612	8,626	8,684		58	
All UG	All	25,080	25,408	25,476		68	
Graduate level in colleges GR, BG, Law							
Continuing & readmit	R	2,616	2,701	2,746	AC FF predictions 12/8/09	45	
	N	678	693	745	AC FF predictions 12/8/09	52	
	All	3,294	3,394	3,491		97	
New	R	550	516	550	Lou, ok'd VCupdt 12/16	34	
	N	785	878	950	Lou, ok'd VCupdt 12/16	72	
	All	1,335	1,394	1,500		106	
All grads	R	3,166	3,217	3,296		79	
	N	1,463	1,571	1,695		124	
All grads	All	4,629	4,788	4,991		203	
Total degree/licensure students with reportable hours -- excludes non-degree, reciproc:							
Total degree/li	R	19,634	19,999	20,088		89	
	N	10,075	10,197	10,379		182	
	All	29,709	30,196	30,467		271	
Pct grad		15.6%	15.9%	16.4%		0.5%	
Pct Res		66.1%	66.2%	65.9%		-0.3%	
Master plan							
Mid		29,709	30,196	30,076		-	
Upper		29,709	30,196	30,076		-	
Add't heads, non-degree & reciprocal. 98% res. Avg load ~ 6 hrs.. Not in "enrollment n							
Total		419	463	485		22	
Res U		304	342	350 est = 09		8	
Res G		100	110	120 est = 09		10	
NR U		8	9	10 est = 09		1	
NR G		7	2	5 est = 09		3	
Total w reportable hours							
All		30,128	30,659	30,952		293	
Res		66.6%	66.7%	66.5%		(0)	
Res, enr l mgt pop		66.1%	66.2%	65.9%		(0)	
International - with reportable hrs -- INCLUDED in enr l mgt counts							
UG R		37	40	40	Lou, same	-	
UG N		360	385	410	Lou, trend	25	
Grad R		25	22	22	Lou, same	-	
Grad N		798	782	850	Lou, hope	68	
All		1,220	1,229	1,322		93	
%grad		67%	65%	66%			

Enrollment scenarios for master plan

Lou McClelland, Planning, Budget and Analysis, CU-Boulder

Chair, enrollment projection group and

co-chair, Flagship 2030 enrollment task force

November 23 2009

IR@colorado.edu

Assumptions - cleared with Ric Porreca, Sr VC and CFO -- and usage notes

- 1 **All figures are for degree and award-seeking students with state-reportable hours only.** This excludes non-degree, continuing education, faculty-staff waivers, and study abroad.
- 2 The starting point is the scenario used in Flagship 2030.
http://www.colorado.edu/pba/records/flagship/TXX_BSmoothVersG.xls
That Excel is an active model that can be used to check effects of e.g., increasing new freshmen by a different number per year (see far right for parameter entry -- in TXX_BSmoothVersG the N of new freshmen grows by 18/year).
- 3 Differences between fall 2009 actuals and fall 2009 in the 2030 scenario are due to one-time and random variance including fall 2008 excess non-resident new freshmen (from application numbers not seen since) and a poor-economy fall 2009 increase in new graduate level. The differences do not portend any shift from the trends in 2030.
- 4 To the 2030 scenario, add 900 international students, half grad-level and half-undergrad, by 2016
This is per Ric Porreca based on the possibility of legislative action to remove international from calculation of required resident-student proportions. The goal is moving from 1200 international to 3000 in 7 years (that is, 2016); half of the additional 1800 are absorbed in the base 2030 scenario, half are added. Inputs for the increase are in column 2016, in yellow

Add error rates. These are guesses based on experience. They are not symmetric. Error rates are explicitly shown and explained. Inputs to rates are in column 2030, in yellow
- 5
- 6 Extend all series to the year 2030 to enable match to 2030 scenarios even though master plan timeframe is shorter.
- 7 Replace 2030-series for fall '08 and fall '09 with actuals -- Grey shading, originals shown at bottom
- 8 Smooth the years 10-12 to bridge between 2009 and the 2030-series. Green shading, originals shown at bottom
- 9 Use data groups to close years 1988-2007 and 2021-2029 from view. Open with the + sign at top.

Enrollment scenarios for master plan

See intro tab for assumptions, use tips, key to colors.

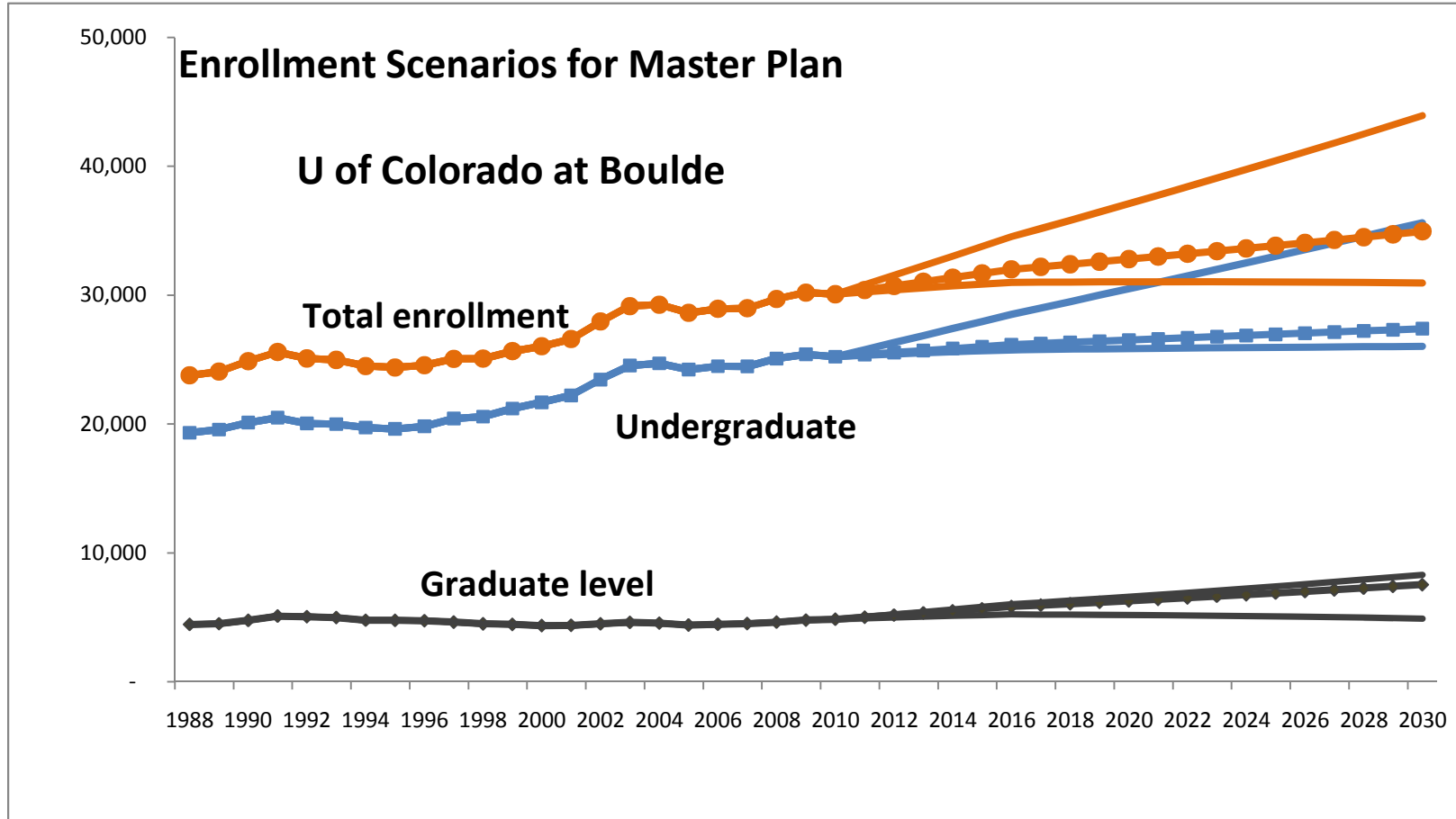
University of Colorado at Boulder

Fall of:	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2030
	Actual	Actual												
2008-2030--version G-- as published and used in Flagship 2030 plans														
Total grad level														
Res total	3,166	3,217	3,309	3,374	3,442	3,510	3,580	3,651	3,723	3,797	3,873	3,950	4,028	4,905
NR total	1,463	1,571	1,571	1,571	1,571	1,571	1,602	1,634	1,667	1,700	1,733	1,768	1,803	2,195
Total	4,629	4,788	4,790	4,885	4,982	5,081	5,182	5,285	5,390	5,497	5,606	5,718	5,831	7,100
Undergraduates														
Res undergrads	16,468	16,782	16,776	16,770	16,764	16,758	16,819	16,878	16,937	16,996	17,055	17,113	17,172	17,760
NR undergrads	8,612	8,626	8,627	8,628	8,661	8,687	8,716	8,745	8,775	8,805	8,834	8,864	8,894	9,191
All undergrads	25,080	25,408	25,158	25,260	25,355	25,445	25,535	25,623	25,712	25,801	25,889	25,977	26,066	26,951
Total UG + Grad	29,709	30,196	29,948	30,145	30,337	30,526	30,716	30,908	31,102	31,298	31,495	31,695	31,897	34,051
Adjust: Additional international non-res														
UG	-	-	64	129	193	257	321	386	450	450	450	450	450	450
Grad	-	-	64	129	193	257	321	386	450	450	450	450	450	450
With adjustment														
Total UG	25,080	25,408	25,222	25,388	25,548	25,702	25,856	26,009	26,162	26,251	26,339	26,427	26,516	27,401
Total grad	4,629	4,788	4,854	5,013	5,175	5,338	5,503	5,671	5,840	5,947	6,056	6,168	6,281	7,550
Total	29,709	30,196	30,076	30,402	30,723	31,040	31,359	31,680	32,002	32,198	32,395	32,595	32,797	34,951

Error on		Explanation of error rates													
UG	lower		0.0%	0.2%	0.5%	0.7%	1.0%	1.3%	1.5%	1.8%	2.0%	2.3%	2.5%	5%	less risk on UG of under than over 30% = result of 135 more new frosh/year (vs. 18/yr in 2030 model), to ~ 7.5% share, over 8700
	upper		0.0%	1.5%	3.0%	4.5%	6.0%	7.5%	9.0%	10.5%	12.0%	13.5%	15.0%	30%	frosh/yr by 2030
Grad	lower		0.0%	1.8%	3.5%	5.3%	7.0%	8.8%	10.5%	12.3%	14.0%	15.8%	17.5%	35%	large error because 2030 is ambitious goal
	upper		0.0%	0.5%	1.0%	1.5%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%	5.0%	10%	less chance of exceeding goal

With adjustment and error															
Total UG	low	25,080	25,408	25,222	25,325	25,420	25,510	25,597	25,684	25,770	25,791	25,812	25,833	25,853	26,031
	mid	25,080	25,408	25,222	25,388	25,548	25,702	25,856	26,009	26,162	26,251	26,339	26,427	26,516	27,401
	upper	25,080	25,408	25,222	25,769	26,314	26,859	27,407	27,960	28,517	29,007	29,500	29,995	30,493	35,621
Total grad	low	4,629	4,788	4,854	4,926	4,994	5,058	5,118	5,174	5,227	5,219	5,208	5,196	5,182	4,907
	mid	4,629	4,788	4,854	5,013	5,175	5,338	5,503	5,671	5,840	5,947	6,056	6,168	6,281	7,550
	upper	4,629	4,788	4,854	5,038	5,227	5,418	5,613	5,812	6,015	6,155	6,299	6,445	6,596	8,305
Total	low/low	29,709	30,196	30,076	30,250	30,414	30,567	30,716	30,858	30,996	31,010	31,021	31,029	31,035	30,938
	mid/mid	29,709	30,196	30,076	30,402	30,723	31,040	31,359	31,680	32,002	32,198	32,395	32,595	32,797	34,951
	up/up	29,709	30,196	30,076	30,808	31,541	32,277	33,021	33,772	34,532	35,162	35,798	36,441	37,089	43,926

Reference:	Raw 2030 numbers replaced in above 2030 series						
	2008	2009	2010	2011	2012	2013	
	3,181	3,244	3,309	3,374	3,442	3,510	R Gr
	1,424	1,452	1,481	1,510	1,540	1,571	NR Gr
	16,526	16,570	16,598	16,631	16,694	16,758	R UG
	8,252	8,451	8,559	8,628	8,661	8,687	NR UG
	Pink replaced with actuals						
	Green/brown replaced with smoothed between 09 actuals and raw 2030 series						





[PBA Home](#) > [Institutional Research & Analysis](#) > [Students](#) > Cumulative Loan Debt Accrued by CU-Boulder Bachelor's Grads

Cumulative Loan Debt Accrued by CU-Boulder Bachelor's Grads

Perry Sailor, PBA, October 2009

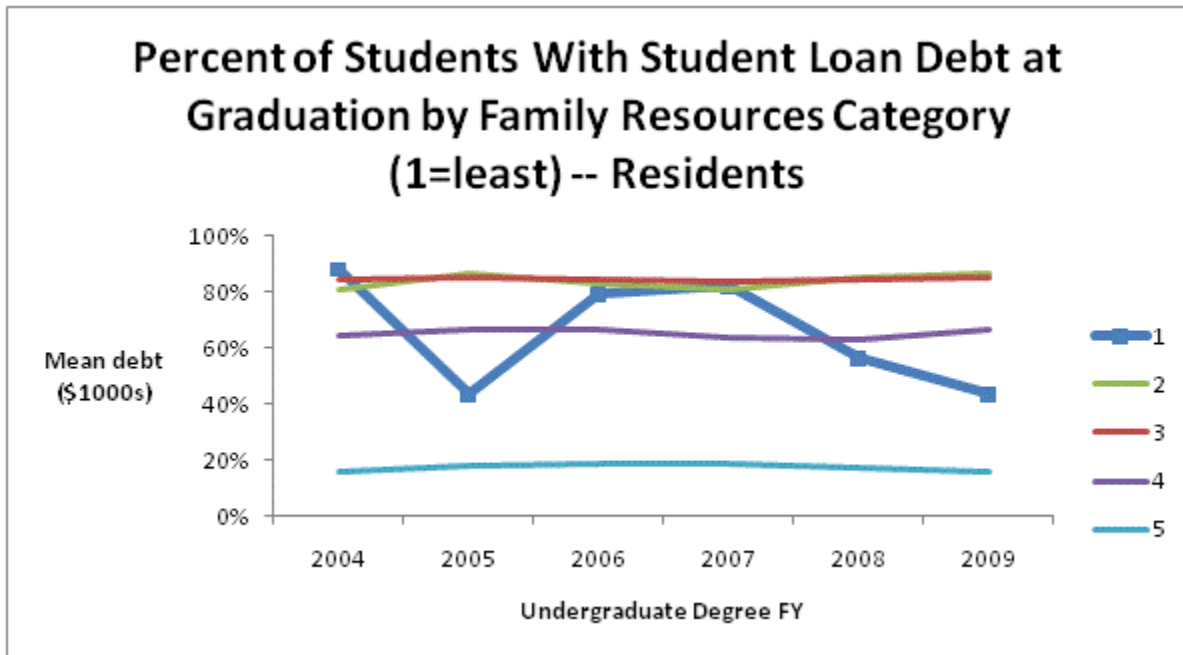
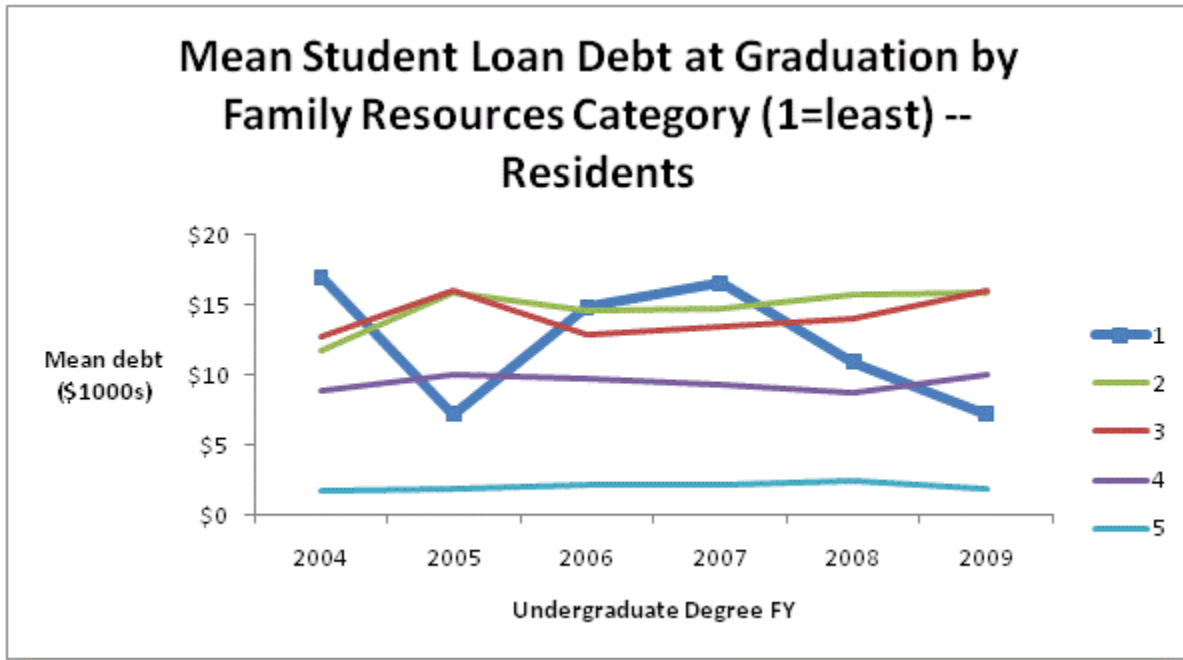
Analysis

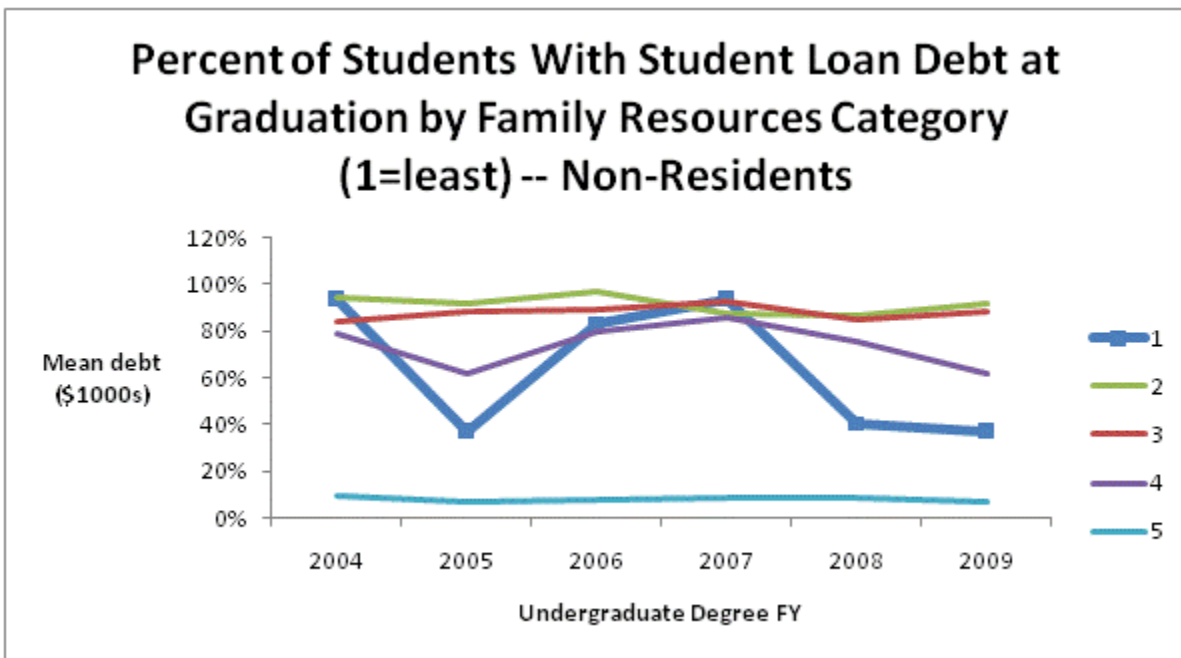
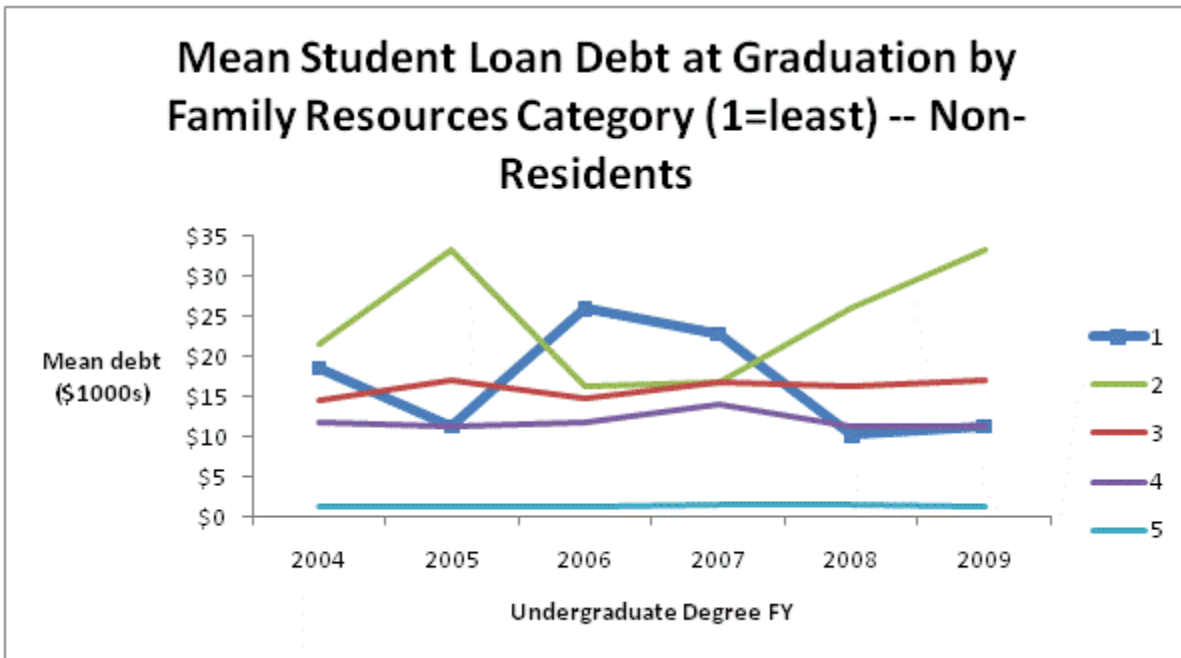
- The population was FY 2008-9 graduates with bachelor's degrees (N=3,629), who entered as freshmen.
- They were divided into 3 groups: (1) Entered as resident, graduated as resident (RR); (2) entered as nonresident, converted, and graduated as resident (NR); and (3) entered as nonresident, graduated as nonresident (NN). Only about 7% of students are in the NR group. Two students with missing data and 2 who entered as residents and graduated as non-residents were discarded from the analysis, leaving 3,625 in the analysis.
- Variables: Years with loans, percent with student loans, percent with parent loans, percent with either, averages and distributions of total debt from student loans, total debt from parent loans, and total debt. (Parent loans do not require demonstration of financial need and are at higher interest rates than student loans.) All means and percentiles were computed two ways: (1) including only students with any loan debt (that is, excluding students with zero debt), and (2) including all students, including those with zero debt. They are differentiated in the tables below.

Results

- About half of those who were residents at time of degree, including those residents who entered as nonresidents, had some loan debt. Just over a quarter of students who entered as and remained nonresidents had loan debt.
- Virtually all students with any debt (student or parent) had some student loans – only about 1% had parent loan debt with no student loans. Among students with loans, about half of RR students, 41% of NR students, and 62% of NN students also had parent loans.
- The average student loan debt for RR students with any was \$17,000. The average parent loan debt for RR students with any was \$26,000. The former figure was about the same as the prior year's graduates; the latter was about \$2,000 more.
- The average student loan debt for the quarter of NN students with any was \$21,000. The average parent loan debt for the fifth of NN students with any was \$67,000.
- Because many more student have student loans than parent loans, you cannot simply add average student loan debt if any and average parent loan debt if any to get average total loan debt. Average total debt is far less than these sums. Average total debt for those with any debt – parent and student combined – was \$30,000 for RR, \$47,000 for NR, and \$62,000 for NN. Medians were \$24,000, \$43,000, and \$45,000 respectively.
- When students/parents with no debt were included, the averages were \$15,000 for RR, \$25,000 for NR, and \$17,000 for NN. However, the range is very large for all groups. These averages are about the same as for the previous graduating class.
- • In our analyses we assign families to one of four quartiles according to the amount of financial resources they have available, with a fifth group composed of families who did not apply for need-based aid and who are thus assumed to have the most resources. As would be expected, that group had far less average debt than students who applied for need-based aid. But the next lowest debt load – in terms of percent with any debt and average amount of debt – was the group with the least resources. This was not true in most earlier years, but has now been the true for two consecutive years. This appears to be because more non-loan aid is going to that most needy group ([Click here](#) to see the tables).

Graphs





Also see...

- [Summary data for 2008-09 bachelor's recipients \(Excel\).](#)
- [Report \(with link to Excel tables\) for 2007-08 bachelor's recipients.](#)
- [Report \(with link to Excel tables\) for 2006-07 bachelor's recipients.](#)
- [Report \(with link to Excel tables\) for 2005-06 bachelor's recipients.](#)
- [Report \(with link to Excel tables\) for 2003-04 bachelor's recipients.](#)
- [Report \(with tables\) for 2002-03 bachelor's recipients.](#)

Perry Sailor - L:\ir\emgt\fa\cumdebt08-09.doc

Last revision 12/31/09

University of Colorado at Boulder
Reporting employees to IPEDS

With numbers for 2009

PBA, Jan 2010

Starting point: All employees as of October 1 13,665

Per IPEDS - exclude

leave without pay (include leave WITH pay ~= sabbaticals) 51
 non-academic and undergraduate student appts, N 4,440 4,440

Report to IPEDS 9,174

IPEDS full time: All Big3, and Little2 at 50% or more time, and others at 100% time. From all groups EXCLUDE those without a salary we can get, and those with visiting or in-residence titles.

Little2 = top appointment of instructor, senior instructor

Big3 = top appointment of professor (including distinguished), associate prof, assistant prof

All student employees are considered part-time.

Faculty/non-faculty is up to institution.

PBA IPEDSfunctionDesc	PBA IPEDSPersonStatus: Faculty: All TTT even if in officer position; instructor/Sr, clinical, visiting, adjunct, adjoint, lecturer; research titles except PRA. Non-faculty = PRA's, exempt except TTT, classified.			Non-faculty		All	UCB Notes
	Tenured	Tenure track	Not tenure track				
01 Primary instruction			307			307	
02 Instruction/research/public service	762	323				1,085	Put all TTT in function 02
03 Primary research			473		489	962	Non-faculty: PRA's to make comparable to other schools
05 Executive/admin/managerial	37		12		347	396	Ex: Phil (Tenured), Nish & Mary (Not tenure track), and Ric & Lou (Non-faculty)
07 Other professionals	13	16	13		798	840	All obs with T or TT faculty status in row 07 are libraries. All faculty obs Not tenure track are library instructors, museum associates, or museum curators
08 Technical/paraprofessional					502	502	Rows 08-09: Exempt and classified
09 Clerical and secretarial					339	339	based on job code/title
10 Skilled crafts					179	179	
11 Service/maintenance					558	558	
All	812	339	805		3,212	5,168	

IPEDS **part time** = not full time

PBA IPEDSfunctionDesc	PBA IPEDSPersonStatus: Faculty			Grad assistants	Non-faculty	All	
	Tenured	Tenure track	Not tenure track				
01 Primary instruction			694	1,313		2,007	Grad assts: TA, GPTI, grad reader
02 Instruction/research/public service	4					4	4 = HHMI appts, cannot get salaries
03 Primary research			161	1,012	186	1,359	Grad assts: RA
05 Executive/admin/managerial			5		25	30	
07 Other professionals			54	73	179	306	Grad assts: grad asst, admin intern
08 Technical/paraprofessional					116	116	
09 Clerical and secretarial					137	137	
10 Skilled crafts					12	12	
11 Service/maintenance					35	35	
All	4		914	2,398	690	4,006	

Grand total full and part

9,174

```
PBA Ref: L:/ir/reports/IPEDS/HR/IPEDSHRbasics.xls
&pt data = edefdb.pers2009 (&ok) f=comma14.0 ;
where ipedsreport ;
class ipedsfull ipedspersonstatus ipedsfunc ipedsfuncdesc ipedscolumn ipedscolumnndesc ;
tables ipedsfull ,
    ipedsfuncdesc all , ipedspersonstatus * ipedscolumnndesc all /rts = 40 ;
run ;
```