

90-Minute Workshop Agenda

- 1. Brief background info from WSCUC
- 2. Introduction to the four institution use cases
- 3. Institutional examples using the GRD from four different institutions University of California, California State University, Independent, and University of Hawaii.
- 4. Attendee Discussion -
 - Questions for all presenters
 - Audience work in groups to discuss institutional examples already being done or they plan to do
 - Report out from groups

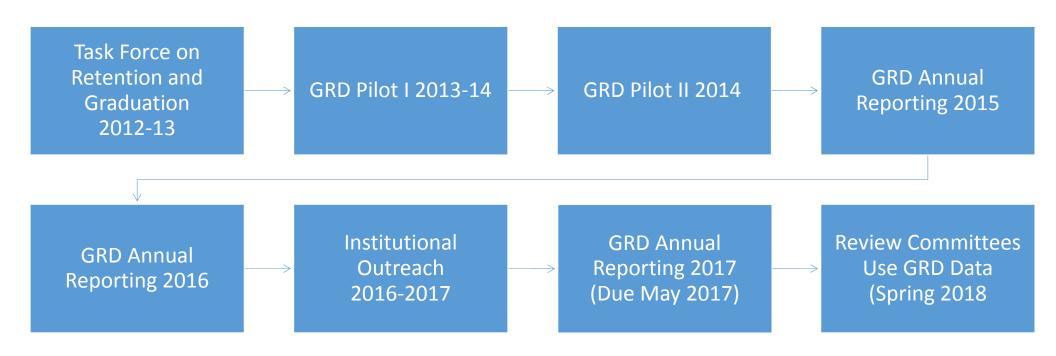


Brief Background Info from WSCUC

Henry Hernandez, WSCUC



The GRD So Far...





What is the Graduation Rate Dashboard?

6- data points

8- years of trend

2 completion measures



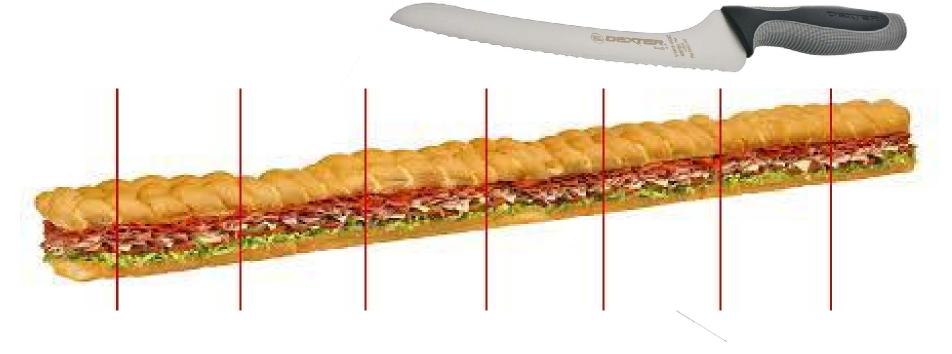


How is this different than IPEDS?





Student Success Year-to-Year



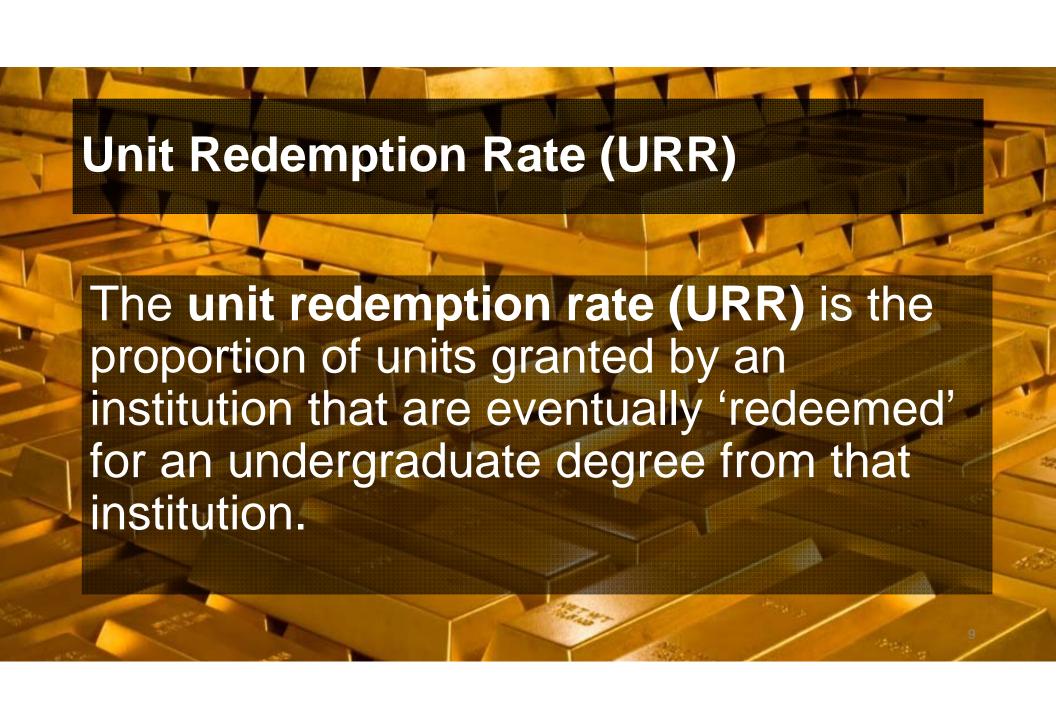


The 6 Data Points

- 1. Unduplicated headcount of undergraduate degree seeking students
- 2. Total of number of successfully completed undergraduate units awarded by the institution
- 3. Undergraduate degree recipient headcount
- Cumulative total of successfully completed undergraduate units awarded by the institution to graduating students
- 5. Non-continuing student headcount
- Total institutional units of non-continuing students







Q: How do you calculate the URR?

A:

URR =

4- Cumulative total of successfully completed undergraduate units awarded by the institution to graduating students

2- Total of successfully completed undergraduate units awarded by the institution during that period





Non-continuing students may include



- Inactive
- Drop Out
- Stop Out
- Withdrawn
- (Transfer Out)

Non-continuing students are those for the reporting year who:

- 1) Successfully completed at least one unit in the previous year
- 2) Did not graduate with a degree by the end of the previous year or in this year
- 3) Completed no units in this reporting year.



Q: How does the dashboard account for non-continuing students?

A: 'd' the 'unit count ratio'

average non-continuing student's cumulative units

average graduating student's cumulative units





The absolute graduation rate (AGR) is the proportion of undergraduate degree-seeking students entering an institution who eventually graduate from that institution.

Q: How do you calculate the AGR?

*A:*AGR =

R

$$R + (U - R)$$



Definitions

- 'd' is the ratio of the average non-continuing student's total completed units to the average graduate's total completed units (the "unit count ratio")
- U is the number of units granted by the institution during the measurement period
- R is the number of units redeemed by graduates during the measurement period

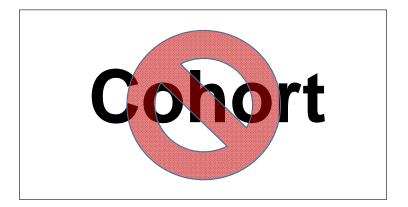


The Graduation Rate Dashboard is:

Unit Focused

'Sees' noncontinuing students

Works on multiple time periods





Continuing the GRD Work

- Outreach to institutions with problematic data (WSCUC Research Fellow)
- Customized Institutional Dashboards and comparative tool
- Export of immediate dashboard calculations as part of the 2016 Annual Report
- National Student Clearinghouse project results
- Training peer evaluators to review GRD reports



Introduction to Four Institution Use Cases

Kristina Powers, Ph.D., WSCUC Fellow



Institutional Outreach and Examples

- Effort to reach out to institutions 2016-2017
- Questions about definitions and missing data
- Biggest question...
 - "Can I see some examples how other institutions have used the data?"



Four Institutional Examples

- Actively sought out different types of institutions:
 - University of California
 - California State University
 - Independent
 - University of Hawaii
- Creative and/or informative ways to use the data at their institutions



Four Institutional Examples

- Four presenters will share examples that address:
 - Presenting info to different audiences
 - Displaying data differently
 - Disaggregating data and the challenges
 - Issues or challenges encountered and responses
 - Closing the loop
 - Understanding the GRD vs IPEDS
 - Improving student success and creating interventions



Institutional Example Using the GRD

Kelly Wahl, University of California, Los Angeles



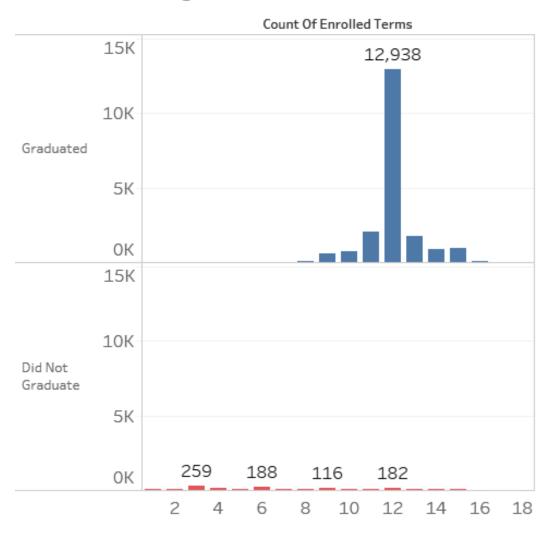


Undergraduate Degree Recipients									
Unduplicated Headcount	6,942	7,203	7,757	7,467	7,580	7,372	7,478	8,183	59,9
Total Institutional Graduation Units Completed	997464	1034498	1129799	1075423	1098123	1059410	1077600	1212543	8684
Average Institutional Graduation Units Per Student	144	144	146	144	145	144	144	148	14
Y/Y Enrollment Change		2.52%	0.38%	-1.87%	3.82%	2.94%	2.58%	2.87%	
Y/Y Graduation Headcount Change		3.76%	7.69%	-3.74%	1.51%	-2.74%	1.44%	9.43%	
Ratio - Grad Headcount/Annual Units	26%	26%	28%	27%	27%	25%	25%	26%	
Unit Redemption Rates (URR)	91%	91%	101%	97%	96%	89%	88%	96%	93
URR 2-year average		93%	100%	97%	97%	90%	89%	97%	
URR 3-year average			101%	96%	98%	92%	91%	99%	
URR 4-year average				96%	97%	93%	92%	100%	
Calculation for numerator of 'd'									
Total institutional units completed by non-continuing students=	112775	103055	113305	125082	108300	102746	104438	109303	
Headcount of non-continuing students =	1254	1183	1270	1347	1187	1173	1263	1248	
Average institutional units for non-continuing students=	89.93	87.11	89.22	92.86	91.24	87.59	82.69	87.58	88
d' (ratio of average non-continuing units to average graduating units)	0.625	0.605	0.611	0.645	0.629	0.608	0.574	0.592	0.0
Absolute Graduation Rates (AGR)	86%	86%	102%	95%	93%	83%	81%	93%	90
AGR 2-year average		88%	101%	95%	96%	85%	82%	95%	
AGR 3-year average			102%	94%	96%	88%	85%	98%	
AGR 4-year average				95%	96%	89%	87%	100%	
AGR 5-year average					97%	89%	88%	103%	
7	2008	2009	2010	2011	2012	2013	2014	2015	
Available IPEDS 6-year graduation rates	89%	89%	90%	90%	92%	90%	0%	0%	91
IPEDS Graduates	3795	3809	3341	3977	4400	4120			23
IPEDS Cohort	4254	4268	3721	4421	4808	4562			260
Proportion of graduating cohort in IPEDS	54.67%	52.88%	43.07%	53.26%	58.05%	55.89%	0.00%	0.00%	52.9

Bottom Corner of the WSCUC Graduation Rate Dashboard

-	_							
		2.87%	2.58%	2.94%	3.82%	-1.87%	0.38%	2.52%
		9.43%	1.44%	-2.74%	1.51%	-3.74%	7.69%	3.76%
l loi+		26%	25%	25%	27%	27%	28%	26%
Unit								
Redemption	93%	96%	88%	89%	96%	97%	101%	91%
•		97%	89%	90%	97%	97%	100%	93%
Rate		99%	91%	92%	98%	96%	101%	
		100%	92%	93%	97%	96%		
		109303	104438	102746	108300	125082	113305	103055
CONSISTEN'		1248	1263	1173	1187	1347	1270	1183
	88.53	87.58	82.69	87.59	91.24	92.86	89.22	87.11
☐ Absolute	0.011	0.592	0.574	0.608	0.629	0.645	0.611	0.605
	90%	020/	010/	020/	020/	050/	1020/	0.00
Graduation	90%	93%	81%	83%	93%	95%	102%	86%
Rate		95% 98%	82% 85%	85% 88%	96% 96%	95% 94%	101% 102%	88%
l Nate		100%	85% 87%	89%	96%	95%	10270	
		100%	87% 88%	89%	96%	9370		
		10370	0070	0370	3770			
IDEDC C V		2015	2014	2013	2012	2011	2010	2009
IPEDS 6-Year	90%	0%	0%	90%	92%	90%	90%	89%
Graduation	23442			4120	4400	3977	3341	3809
Graduation	26034			4562	4808	4421	3721	4268
Rate	52.97%	0.00%	0.00%	55.89%	58.05%	53.26%	43.07%	52.88%

Five Entering Freshman Cohorts Combined





Dashboard Data Reorientation Process

OCLA	Year 1	Year 2	Year 3	Year 4	Year 5
Redeemed Units (SCH)	1,075,423	1,098,123	1,059,410	1,077,600	1,212,543
	Year 1	Year 2	Year 3	Year 4	Year 5
Per Graduating Student	145 151 141 148	150 152 145 143	151 139 145 144	140 149 150 144	153 149 140 145
	Year 1	Year 2	Year 3	Year 4	Car 5
Unredeemed Units (SCH)	125,082	108,300	102,/46	104,425	109,303
	Year 1	Year 2	Year 3	rear 4	Year 5
Per Departing Student	91 95 43 15	25 101 45 62	125 25 45	15 35 100 18	28 110 14 56
	ohort	Cohor 2	Cohort 3	Cohort 4	Cohort 5
Reassembled by Entering Frosh Cohort	150 43 15 145	151 101 12 140	139 28 155 143	25 145 144 151	10 140 141 156
Categorize	Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5
Graduation Status	150 43 15 145	151 101 120 140	139 28 155 143	25 145 144 151	104 140 141 156

Categorize
Graduation Status

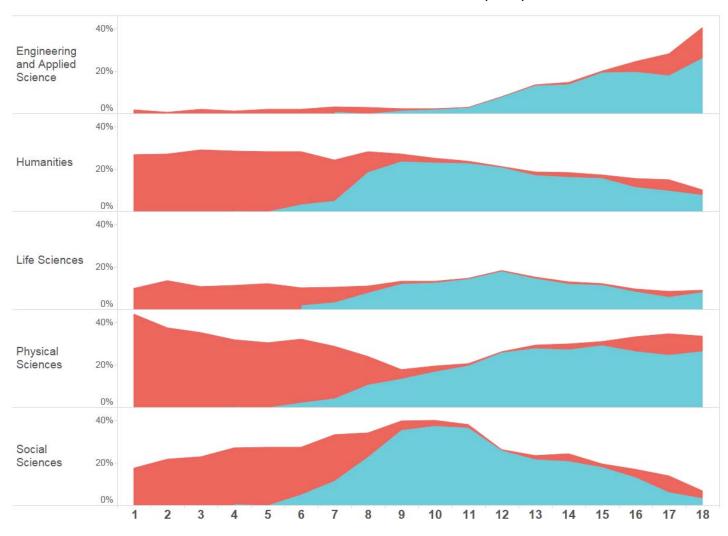
Burst SCH by Division Per Student

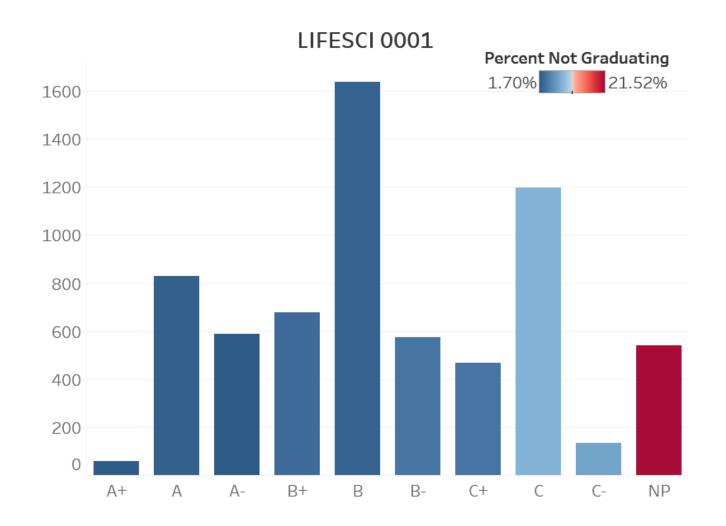
Social Sciences
Physical Sciences
Humanities
Life Sciences

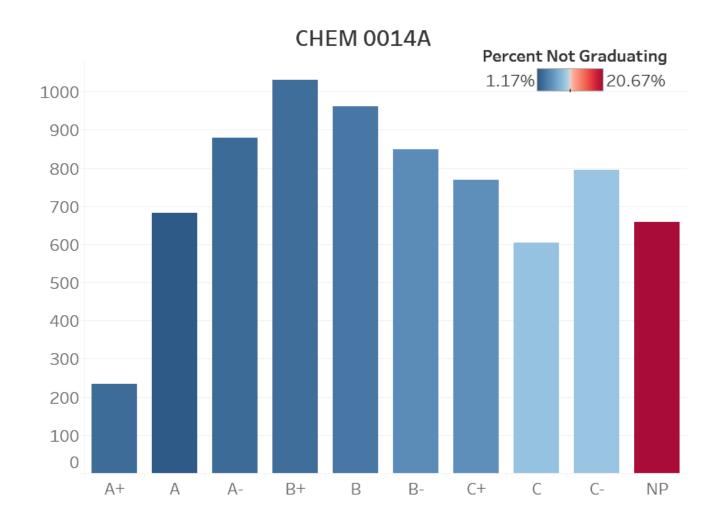
Burst SCH into Courses and Grades

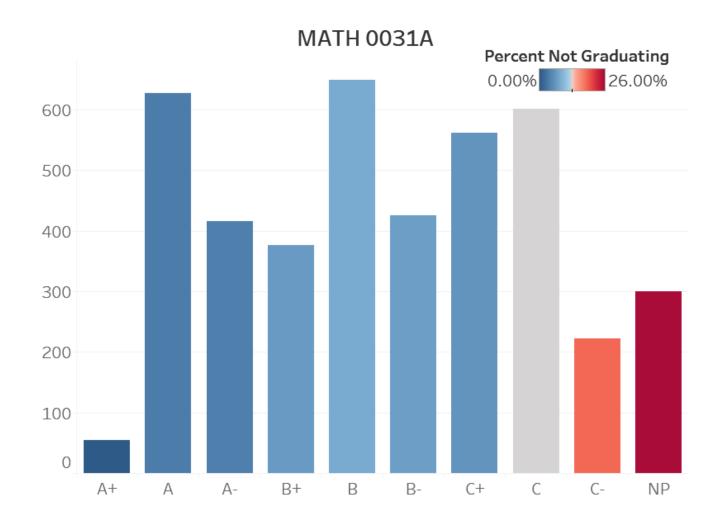
Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5
150 43 15 145	151 101 120 140	139 28 155 143	25 145 144 151	104 140 141 156
Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5
10 104 28 16	114 21 7 4	51 8 14 75	11 8 101 8	20 101 14 4
Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5
Life Sci 00	1 A-	Math 03	2B B+	
Ma	ath 031B [)- Eng	Comp 003	C+
	(Chem 020A	F	

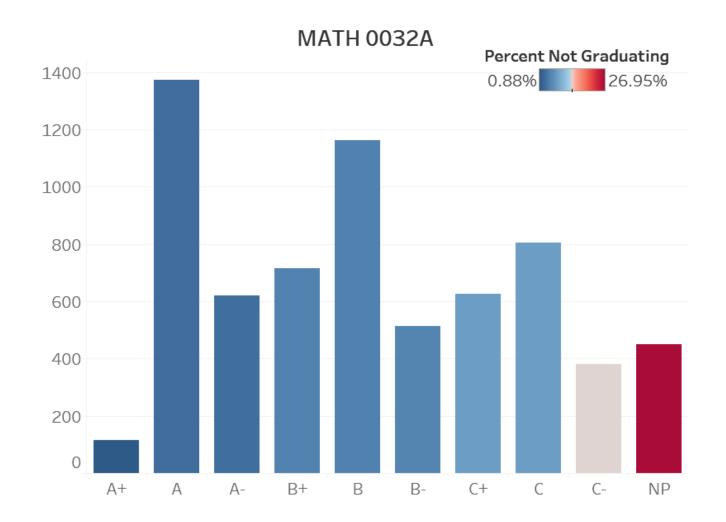
Unredeemed Student Credit Hours (SCH) in Red

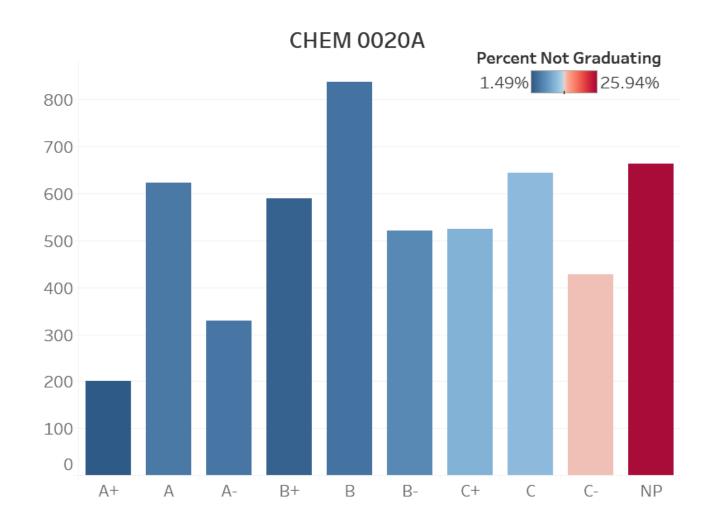












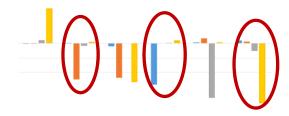


Mining for Course Performance Patterns

Principal Components Analysis

Rotated Component Matrix ^a								
	Component							
	1 2 3 4							
math32B_min	.795							
math32A_min	.752							
chem20A_min	.656							
lifesci1_min		.803						
chem14A_min		.802						
astr3_min			.684					
stats10_min			.613					
engcomp3_min			.565					
psych10_min		.330	.442					
math31A_min				.863				
math31B_min	.330			.680				
	Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization.							
a. Rotation converged in 5 iterations.								

K-Means Cluster Analysis



Identified Course Performance Patterns:

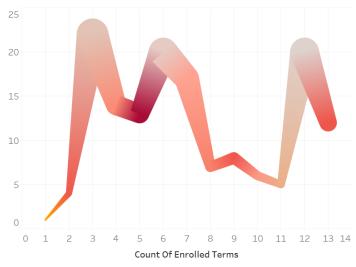
Trouble in Life Sciences
Pre-Requisites

Trouble in Calculus

Trouble in Physical Sciences Pre-Requisites

Identified
Groups of Students Experiencing
Course Performance Issues

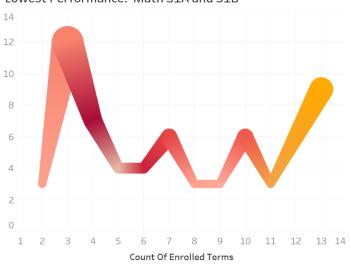




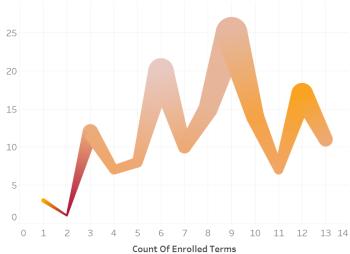
Students Not Graduating, in the Course Performance Cluster Groups...

For example, these three clusters of students tell three distinct stories.

Lowest Performance: Math 31A and 31B



Lowest Performance: Math 32A & 32B and Chem 20A



Application of Findings

- Confirmation for Academic Advisors and Student Affairs Officers
 - Retention and Completion of Students per Program
- Feedback to Academic Departments and Programs
 - Patterns of Persistence and Course Performance
- Perspective for Academic Planning and Budget
 - Issues Regarding "Unredeemed" SCH

Continuous Analysis and Dialogue

Institutional Example Using the GRD

Dmitri Rogulkin, California State University, Fresno



WSCUC Graduation Rate Dashboard (Excel Version)

		2007	2008	2009	2010	2011	2012	2013	2014	8 Year Total
Degree Seeking Undergraduate Students										
	Unduplicated Headcount	19703	19677	18260	18989	20081	19806	20793	21538	158847
	Total Annual Institutional Units Completed	409854	418080	407307	415118	442227	450882	462225	471874	3477567
Avera	age Institutional Units Completed Per Student	21	21	22	22	22	23	22	22	22
	,									
Undergraduate Degree Recipients										
	Unduplicated Headcount	3565	3542	3456	3551	3441	3699	4265	3878	29397
Т	otal Institutional Graduation Units Completed	257803	330371	335311	343785	342288	363353	416214	376273	2765398
Avera	ge Institutional Graduation Units Per Student	72	93	97	97	99	98	98	97	94
	V/V 5 II Ch		0.420/	7.200/	2.000/	F 7F0/	4.270/	4.000/	2.500/	
	Y/Y Enrollment Change			-7.20%	3.99%	5.75%	-1.37%	4.98%	3.58%	
	Y/Y Graduation Headcount Change		-0.65%	-2.43%	2.75%	-3.10%	7.50%	15.30%	-9.07%	
	Ratio - Grad Headcount/Annual Units	0.1809	0.18	0.1893	0.187	0.1714	0.1868	0.2051	0.1801	
Unit Redemption Rates (URR)		63%	79%	82%	83%	77%	81%	90%	80%	80%
. ,	URR 2-year average		80%	81%	84%	80%	81%	91%	81%	
	URR 3-year average			81%	83%	81%	83%	92%	82%	
	URR 4-year average				83%	81%	85%	94%	82%	
Calculation for numerator of 'd'										
Total institutional	units completed by non-continuing students =	108220	111664	91313	88901	97780	89698	93783	88484	
	Headcount of non-continuing students =	2777	2964	2119	1977	2240	2079	2219	2269	
								2055		
Average in:	stitutional units for non-continuing students =	39	38	43	45	44	43	42	39	42
								164		
d (ratio of dropout units to graduating units)		0.541	0.405	0.444	0.464	0.441	0.440	0.431	0.402	0.446
Absolute Graduation Rates (AGR)		48%	60%	67%	69%	60%	65%	80%	61%	64%
	AGR 2-year average		62%	66%	70%	64%	66%	82%	62%	
	AGR 3-year average			66%	70%	66%	69%	83%	64%	
	AGR 4-year average				70%	66%	71%	87%	65%	
	AGR 5-year average					66%	72%	90%	68%	

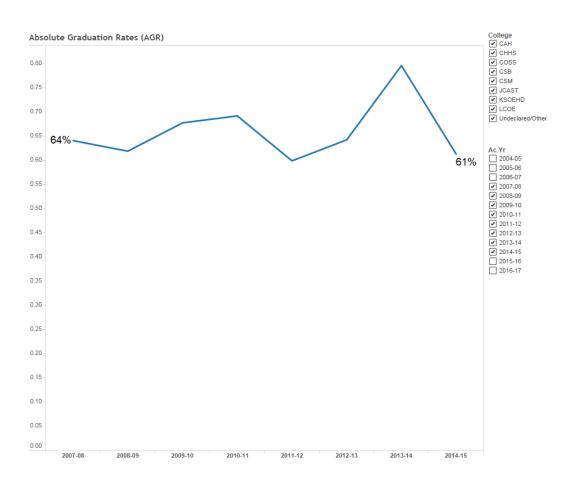
WSCUC Graduation Rate Dashboard (Tableau Version)

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Grand Total
Unduplicated Headcount	19,718	19,682	18,254	18,989	20,081	19,806	20,792	21,536	158,858
Total Annual Institutional Units Completed	410,178	418,198	407,235	415,113	442,227	450,870	462,220	471,875	3,477,916
Average Institutional Units Completed Per Student	21	21	22	22	22	23	22	22	22
Undergraduate Degree Recipients	3,509	3,541	3,456	3,551	3,434	3,684	4,263	3,878	29,316
Total Institutional Graduation Units Completed	331,647	334,299	335,311	343,785	341,855	362,408	416,080	376,273	2,841,657
Average Institutional Graduation Units Per Student	95	94	97	97	100	98	98	97	97
Y/Y Enrollment Change		-0.2%	-7.3%	4.0%	5.8%	-1.4%	5.0%	3.6%	
Y/Y Graduation Headcount Change		0.9%	-2.4%	2.7%	-3.3%	7.3%	15.7%	-9.0%	
Ratio - Grad Headcount/Annual Units	18%	18%	19%	19%	17%	19%	21%	18%	18%
Unit Redemption Rates (URR)	81%	80%	82%	83%	77%	80%	90%	80%	82%
URR 2-year average		81%	81%	84%	80%	81%	91%	81%	
URR 3-year average			81%	83%	81%	83%	92%	82%	
Total institutional units completed by non-continuing students	108,553	111,507	91,751	89,902	97,985	89,403	93,635	88,388	
Headcount of non-continuing students	2,718	2,896	2,097	1,991	2,244	2,071	2,214	2,264	
Average institutional units for non-continuing students	40	39	44	45	44	43	42	39	43
d (ratio of dropout units to graduating units)	0.423	0.408	0.451	0.466	0.439	0.439	0.433	0.402	0.446
Absolute Graduation Rates (AGR)	64%	62%	68%	69%	60%	64%	80%	61%	67%
AGR 2-year average		63%	66%	70%	63%	65%	82%	63%	
AGR 3-year average			66%	70%	65%	68%	83%	64%	
AGR 4-year average				70%	66%	71%	87%	65%	
AGR 5-year average					66%	71%	90%	68%	

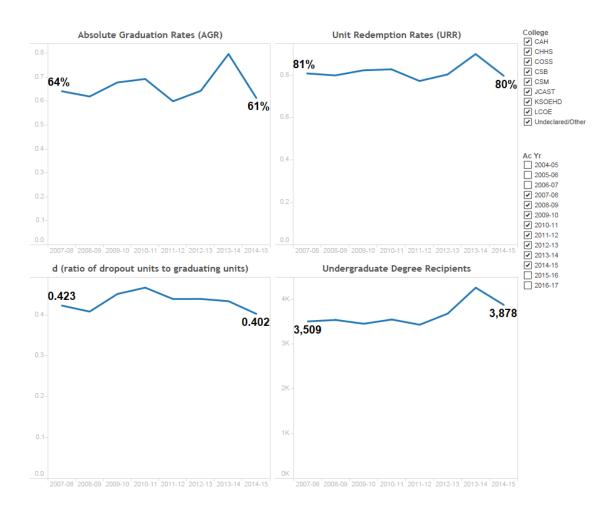
Advantages

- Visual
- Drilldown (College, Department, Demographics)
- Automated (updates on a refresh button)
- Timing

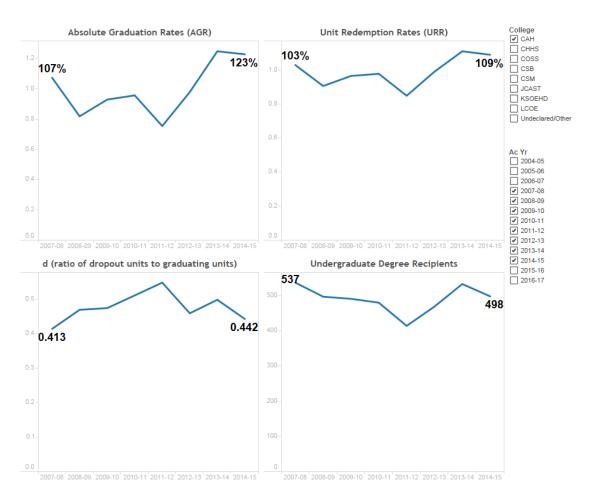
Visual



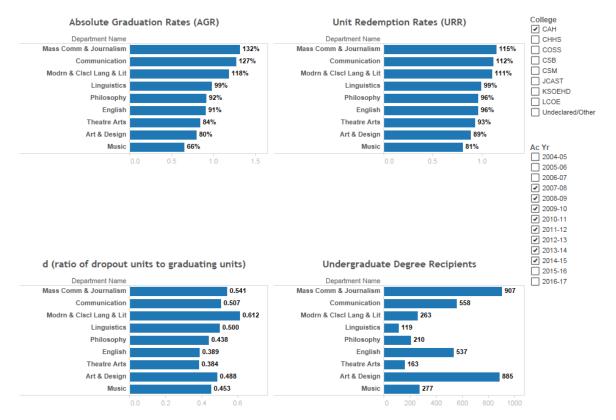
Visual



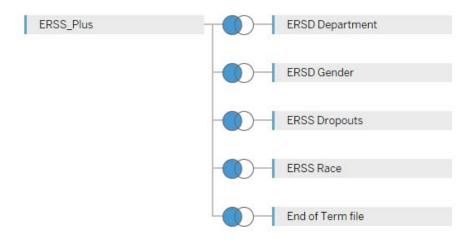
Drill Down (College of Arts and Humanities)



Drill Down (Department level)



Mechanics



Application

(Fall 2008 Cohort Outcome Measures)

	6yr Graduation FTFTF	Count FTFTF	6-yr Graduation Transfer	Count Transfer	Absolute Graduation Rates (AGR)
Jordan College of Agricultural Sciences and Technology	60%	% 189	76%	6 111	54%
Kremen School of Education & Human Development	58%	% 137	78%	6 111	108%
Craig School of Business	56%	338	66%	6 297	69%
College of Science and Mathematics	56%	410	68%	205	44%
College of Arts and Humanities	55%	% 288	73%	6 177	123%
College of Social Sciences	53%	% 257	82%	6 192	77%
Undeclared / Other	49%	% 403	72%	6 25	1%
College of Health and Human Services	47%	475	74%	323	61%
Lyles College of Engineering	44%	% 235	64%	6 113	30%

Agenda	Fresno State	WSCUC Grad Rate Dashboard Excel Version	Tableau Version	Confucius	Visual, Interactive, Personalized	Comparison
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- Grad Rate dashboard in Tableau: data sources and automation
- Disaggregation by college, department, and demographics
- Advantages and potential usage

Dmitri Rogulkin Associate Director of Institutional Effectiveness Fresno State

Fresno State Visual, Interactive, Comparison Agenda WSCUC Grad Rate Tableau Version Confucius Personalized Dashboard Excel Version **FRESN@STATE** Discovery. Diversity. Distinction. 24,403 22,383 Fall 2016 Fall 2007 000

Agenda Fresno State WSCUC Grad Rate Dashboard Excel Version Confucius Visual, Interactive, Personalized Comparison

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	Unduplicated Headcount	3565	3542	3456	3551	3441	3699	4265	3878	29397
	Total Institutional Graduation Units Completed	257803	330371	335311	343785	342288	363353	416214	376273	2765398
	Average Institutional Graduation Units Per Student	72	93	97	97	99	98	98	97	94
	Y/Y Enrollment Change		-0.13%	-7.20%	3.99%	5.75%	-1.37%	4.98%	3.58%	
	Y/Y Graduation Headcount Change		-0.65%	-2.43%	2.75%	-3.10%	7.50%	15.30%	-9.07%	
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d (ratio of dropout units to graduating units)		0.541	0.405	0.444	0.464	0.441	0.440	0.431	0.402	0.446
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	AGR 3-year average		_	66%	70%	66%	69%	83%		-
	AGR 4-year average				70%	66% 66%	71% 72%	87% 90%	65%	
	AGR 5-year average	_	_	_	_	55%	12%	90%	68%	_
	Available IPEDS 6-year graduation rates	48%	48%	48%	51%	49%	48%	49%	52%	49%

Agenda Fresno State WSCUC Grad Rate Dashboard Excel Version Confucius Visual, Interactive, Personalized Comparison

Multiple values

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Grand Total
Unduplicated Headcount	19,718	19,682	18,254	18,989	20,081	19,806	20,792	21,536	158,858
Total Annual Institutional Units Completed	410,178	418,198	407,235	415,113	442,227	450,870	462,220	471,875	3,477,916
Average Institutional Units Completed Per Student	21	21	22	22	22	23	22	22	22
Undergraduate Degree Recipients	3,509	3,541	3,456	3,551	3,434	3,684	4,263	3,878	29,316
Total Institutional Graduation Units Completed	331,647	334,299	335,311	343,785	341,855	362,408	416,080	376,273	2,841,657
Average Institutional Graduation Units Per Student	95	94	97	97	100	98	98	97	97
Y/Y Enrollment Change		-0.2%	-7.3%	4.0%	5.8%	-1.4%	5.0%	3.6%	
Y/Y Graduation Headcount Change		0.9%	-2.4%	2.7%	-3.3%	7.3%	15.7%	-9.0%	
Ratio - Grad Headcount/Annual Units	18%	18%	19%	19%	17%	19%	21%	18%	18%
Unit Redemption Rates (URR)	81%	80%	82%	83%	77%	80%	90%	80%	82%
URR 2-year average		81%	81%	84%	80%	81%	91%	81%	
URR 3-year average			81%	83%	81%	83%	92%	82%	
Total institutional units completed by non-continuing students	108,553	111,507	91,751	89,902	97,985	89,403	93,635	88,388	
Headcount of non-continuing students	2,718	2,896	2,097	1,991	2,244	2,071	2,214	2,264	
Average institutional units for non-continuing students	40	39	44	45	44	43	42	39	43
d (ratio of dropout units to graduating units)	0.423	0.408	0.451	0.466	0.439	0.439	0.433	0.402	0.446
Absolute Graduation Rates (AGR)	64%	62%	68%	69%	60%	64%	80%	61%	67%
AGR 2-year average		63%	66%	70%	63%	65%	82%	63%	
AGR 3-year average			66%	70%	65%	68%	83%	64%	
AGR 4-year average				70%	66%	71%	87%	65%	
AGR 5-year average					66%	71%	90%	68%	
6yr Graduation FTFTF							48.6%	52.4%	

Fresno State

WSCUC Grad Rate Dashboard Excel Version Tableau Version

Confucius

Visual, Interactive, Personalized

Comparison

Actionable



I hear and I forget.
I see and I remember.
I do and I understand.
(Confucius)

WSCUC Grad
Rate Dashboard
Excel Version

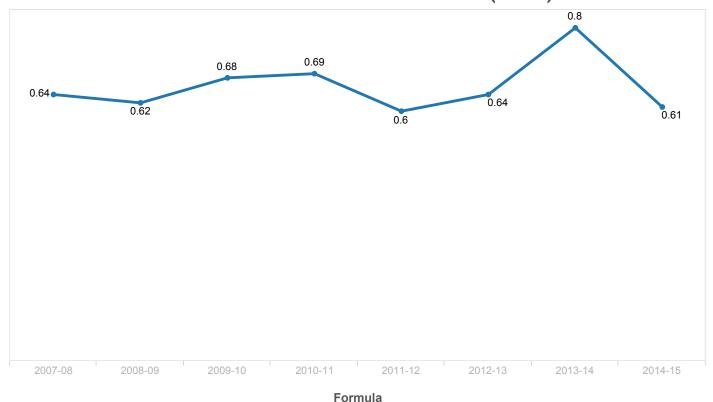
Confucius

Visual, Interactive,
Personalized

Comparison
Actionable

Data Sources

Absolute Graduation Rates (AGR)



Academic Years
Multiple values

College

MeasureAbsolute Graduation Rates (...

Definition

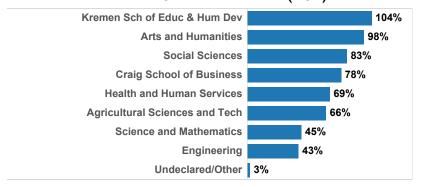
The Absolute Graduation Rate is the proportion of students entering an institution that eventually graduate from that institution.

sum([Total Institutional Graduation Units Completed])/
(sum([Total Institutional Graduation Units Completed])+((sum([Total Annual Institutional Units Completed])sum([Total Institutional Graduation Units Completed]))/[d (ratio of dropout units to graduating units)]))

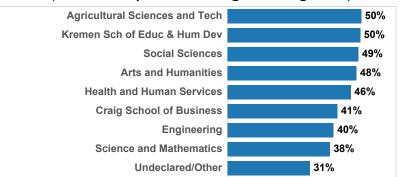
WSCUC Grad Rate Dashboard	Tableau Version	Confucius	Visual, Interactive, Personalized	Comparison	Actionable	Data Sources

Comparison by: College College All

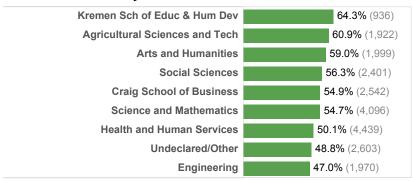
Absolute Graduation Rates (AGR)



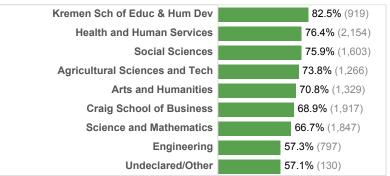
d (ratio of dropout units to graduating units)



6-year Graduation FTFTF



4-year Graduation Transfer Students

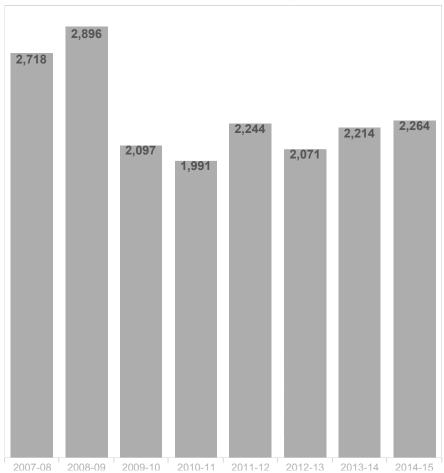


Note: Data aggregated for the last 8 years. In parenthesis, aggregated cohort sizes.

WSCUC Grad Rate Dashboard	Tableau Version	Confucius	Visual, Interactive, Personalized	Comparison	Actionable	Data Sources

College All Department Name

Headcount of non-continuing students

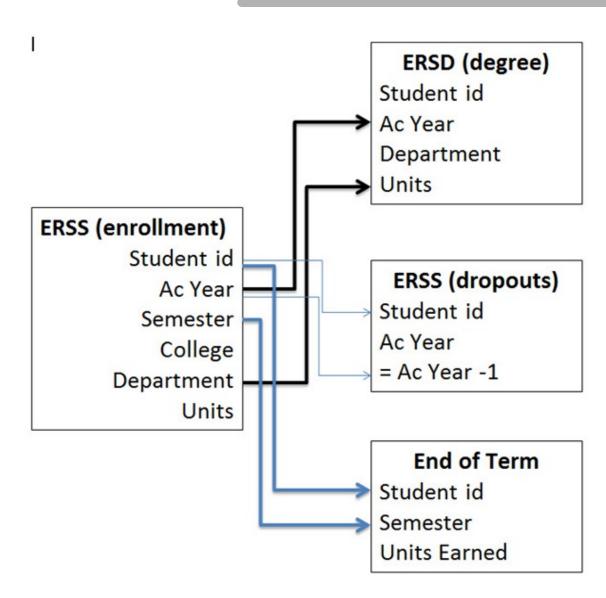


List of non-continuing students (total units)

WSCUC Tableau Version Confucius Visual, Interactive, Personalized Comparison Actionable Data Sources

Personalized

Data Sources



Institutional Example Using the GRD

W. Ken Nelson, MD Loma Linda University



Loma Linda University



UNIVERSITY

HEALTH

MANY STRENGTHS. ONE MISSION.

A Seventh-day Adventist Organization

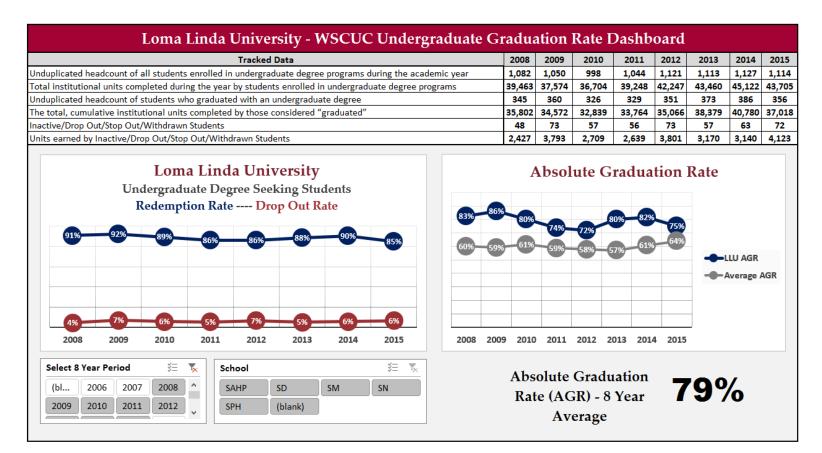
Diverse Campus Private, non-profit, faith-based, health sciences, <u>transfer in only</u>

- 1,157 Undergraduate
 Students
 - 1,648 Graduate Students
 - 1,639 Doctoral or Professional Students
 - 4,157 FTE
 - 100+ Programs

- 400 International Students
- 75 Countries
- 22 Professional Accreditors
 (8 undergraduate)
- 26 Undergraduate programs

Fall 2016

Loma Linda University – WSCUC AGR



Loma Linda University – WSCUC AGR

Loma Linda University - WSCUC Undergraduate	e Gradu	ation	Rate 1	Dashl	ooard	l		
Tracked Data	2008	2009	2010	2011	2012	2013	2014	2015
Unduplicated headcount of all students enrolled in undergraduate degree programs during the academic year	1,082	1,050	998	1,044	1,121	1,113	1,127	1,114
Total institutional units completed during the year by students enrolled in undergraduate degree programs	39,463	37,574	36,704	39,248	42,247	43,460	45,122	43,705
Unduplicated headcount of students who graduated with an undergraduate degree	345	360	326	329	351	373	386	356
The total, cumulative institutional units completed by those considered "graduated"	35,802	34,572	32,839	33,764	35,066	38,379	40,780	37,018
Inactive/Drop Out/Stop Out/Withdrawn Students	48	73	57	56	73	57	63	72
Units earned by Inactive/Drop Out/Stop Out/Withdrawn Students	2,427	3,793	2,709	2,639	3,801	3,170	3,140	4,123

Year	2008	2009	2010	2011	2012	2013	2014	2015
Headcount	1,082	1,050	998	1,044	1,121	1,113	1,127	1,114
HC Units	39,463	37,574	36,704	39,248	42,247	43,460	45,122	43,705
Graduates	345	360	326	329	351	373	386	356
Grad Units	35,802	34,572	32,839	33,764	35,066	38,379	40,780	37,018
Lost Count	48	73	57	56	73	57	63	72
Lost Units	2,427	3,793	2,709	2,639	3,801	3,170	3,140	4,123

Case Study BS RN 2015

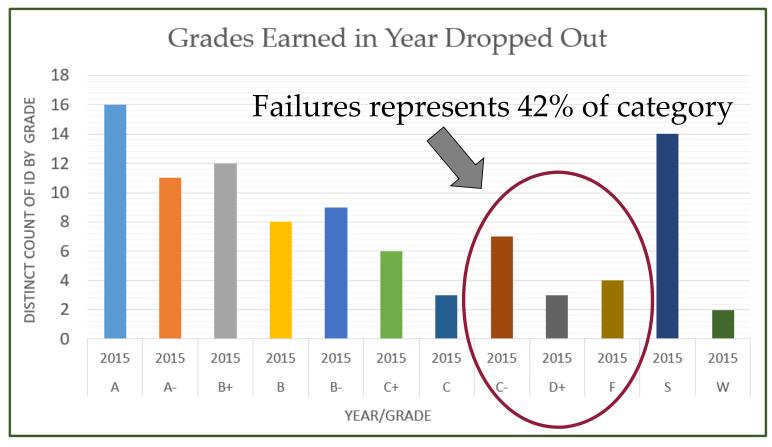
- »WSCUC GRD identified **72** inactive/drop out/stop out/withdrawn students in 2015
- »Undergraduate program with largest "N" in this category was the BS RN program with 26 discontinuing students
- »11 failed out
- »15 discontinued
- »Incoming years **2013**, **2014**, **2015**



LLU - WSCUC GRD – BS Nursing

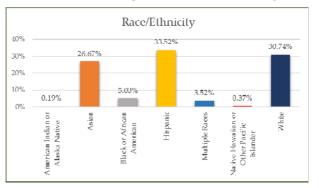
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ing the ye who gradua is complet in Student p Out/Wit	ar by students enro ited with an underg ed by those conside s hdrawn Students	olled in undergraduat graduate degree		17,91 130 15,62	13 17,951 159	16,896 137	17,304 146	18,016	19,023	19,820	568
who gradua is complet in Student p Out/Wit	ited with an underg ed by those conside s hdrawn Students	raduate degree	te degree programs	130 15,63	159	137	146			-	
s complet n Student p Out/Wit	ed by those conside s hdrawn Students			15,62				119	146	450	18,9
n Student p Out/Wit	s hdrawn Students	ered "graduated"			22 15.530					158	13
p Out/Wit	hdrawn Students					15,206 33	16,005 32	12,690 41	17,004 26	18,612 30	15,9 20
a Line				1,73		1,803	1,535	2,710	1,551	1,589	1,7
		Students			Absol	ute G	radua	tion l	Rate		_
800	2009	2012	2	2013		2014		2015			
78	588	544	553	563	5	568 581		5	68		
,913	17,951	16,896	17,304	18,01	5 19	,023	19	,820	18,	994	
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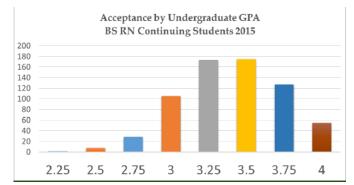
Students Who Discontinued - BS RN 2015



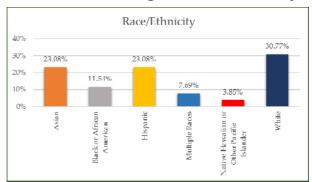
Continuing vs Discontinuing Students BS RN 2015

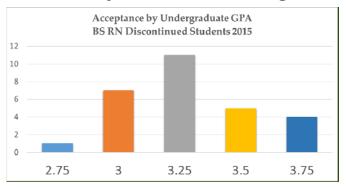
Continuing Students by Race/Ethnicity and Incoming GPA





Discontinuing Students by Race/Ethnicity and Incoming GPA





WSCUC AGR – LLU aware of trends

»Professional accreditation reporting

Characteristics of a Discontinuing Student

»"Life Happens" – characteristics unknown



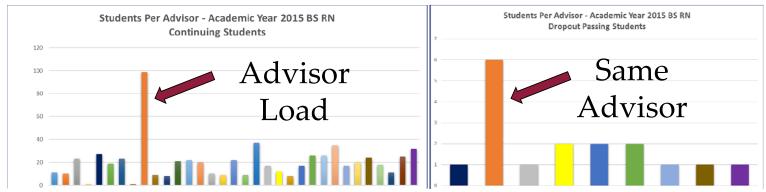
http://edtechtimes.com

Started a Conversation What is in place to address attrition?

»Advisors

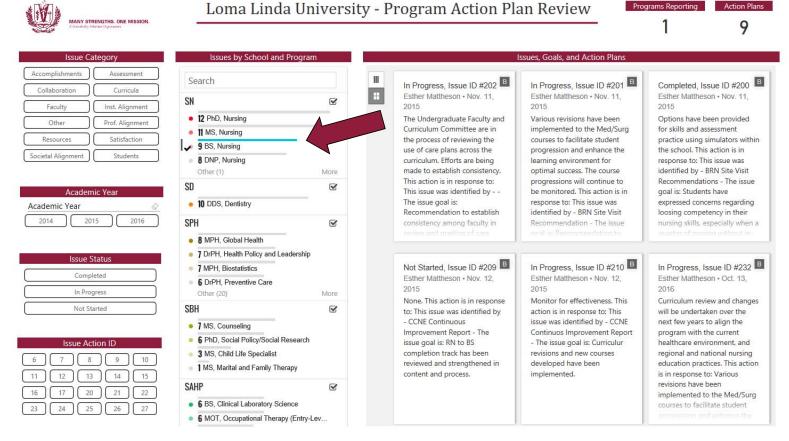
Continuing Students

Dropout Passing Students



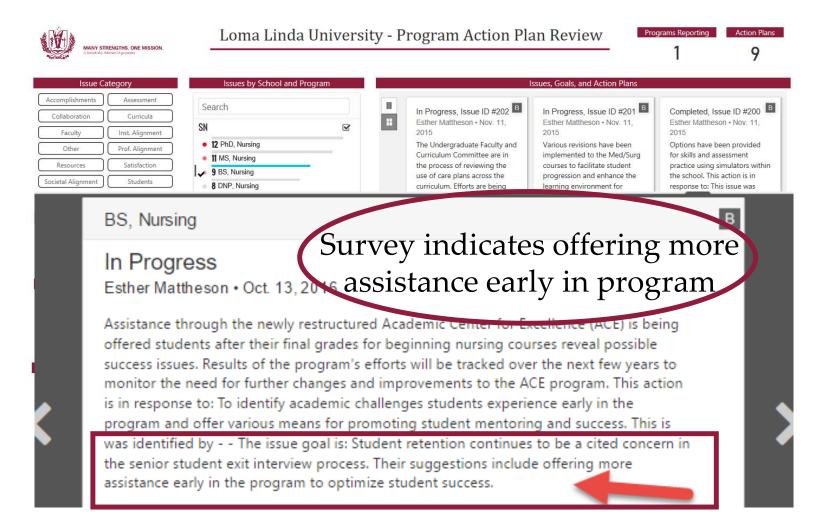
Advisor load – is there a chance this affects the opportunity to intervene?

Program Review Action Plans





Findings Validation





Ken Nelson, MD, MS Associate Director, Office of Educational Effectiveness Institutional Researcher LOMA LINDA UNIVERSITY



Institutional Example Using the GRD

John Stanley University of Hawaii – West Oahu



Triangulation and Context

 "Institutions' definitions of success will differ, given their unique missions, traditions, programs, and the characteristics of the student they serve."

- WSCUC, About the Graduation Rate Dashboard

- Triangulating multiple measures (i.e., IPEDS, WSCUC GRD, campus reports) is an inclusive approach to understanding your institution's success "story."
- Providing information relative to other institutions can help gauge key performance indicators.

University of Hawaii – West Oahu



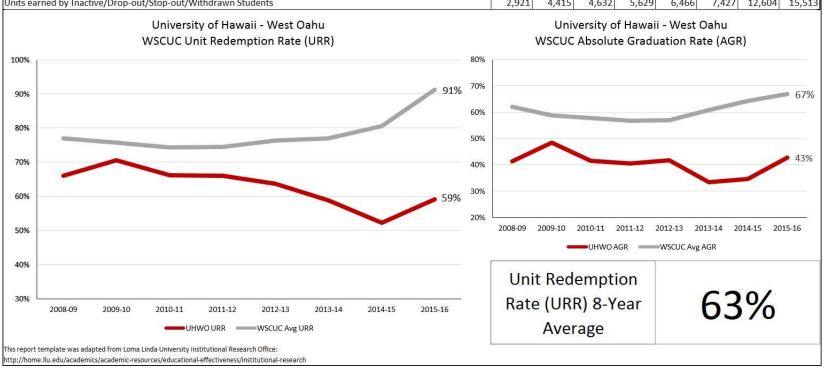


- Baccalaureate university established in 1976; new physical campus opened in 2012.
- Part of ten-campus UH System.
- ~3,000 undergraduate students.
- Rapid enrollment growth last four years.
- Many students enroll with intent of transferring after two years, typically to UH flagship campus.

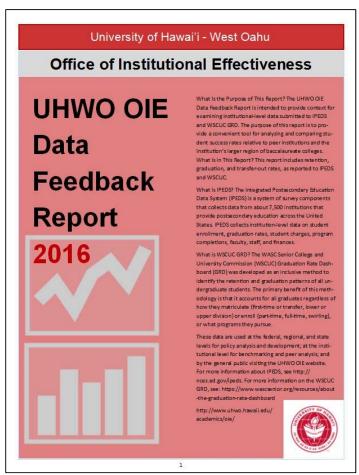


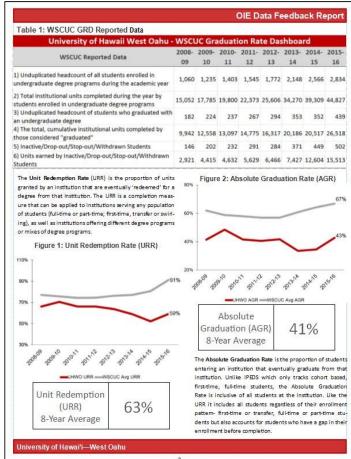
First Step: GRD data readily accessible on IR website

University of Hawaii West Oahu - WSCUC Graduation Rate Dashboard								
WSCUC Reported Data	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Unduplicated headcount of all students enrolled in undergraduate degree programs during the academic year	1,060	1,235	1,403	1,545	1,772	2,148	2,566	2,834
Total institutional units completed during the year by students enrolled in undergraduate degree programs	15,052	17,785	19,800	22,373	25,606	34,270	39,309	44,827
Unduplicated headcount of students who graduated with an undergraduate degree	182	224	237	267	294	353	352	439
The total, cumulative institutional units completed by those considered "graduated"	9,942	12,558	13,097	14,775	16,317	20,186	20,517	26,518
Inactive/Drop-out/Stop-out/Withdrawn Students	146	202	232	291	284	371	449	502
Units earned by Inactive/Drop-out/Stop-out/Withdrawn Students	2,921	4,415	4,632	5,629	6,466	7,427	12,604	15,513



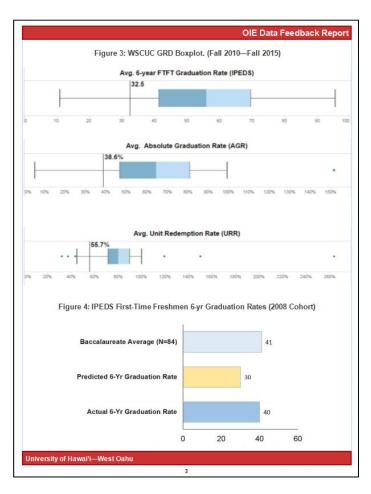
Next Step: 'Homegrown' Data Feedback Report (DFR)

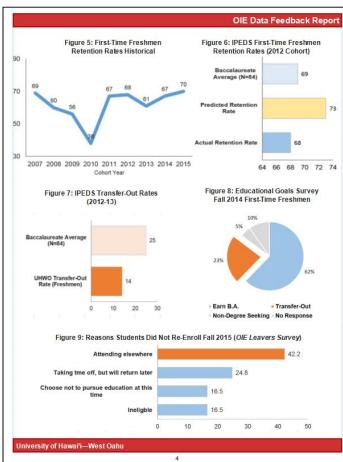




- One report with comparative data on student success based on IPEDS and WSCUC GRD data.
- Regional and national averages used in analyses.
- Compares actual performance to predicted performance.
- Particular attention towards unit redemption rates and 'swirling.'

Comparison groups, predicted performance





- Retention rate close to baccalaureate group average, lower than predicted rate.
- Unit redemption rate at 50th percentile.
- Results from Ed Goals survey, and Leaver's survey corroborate transfer-out rates and low thirdyear retention rates.

UHWO's DFR story

- Retention rate performance good comparatively.
- URR above average, AGR below.
- One-third of first-time freshmen indicate desire to transfer-out/ not earn a bachelors.
- Desire to attend elsewhere was the top reason reported in the 2015 Leaver's Survey.
- Institution second-to-third year persistence rates low.
- Triangulating data points indicates a sizable % of entering students intend to transfer after two to three years.
- AGR measure is volatile due to enrollment size; URR better reflects the amount of units taught/earned towards degrees.

DFR Next Steps

- Enhance OIE Data Feedback Report with narrative.
- Distribute DFR annually to administration; present at campus IR workshops and trainings.
- Create an user-friendly, dashboard version.

Attendee Discussion

Kristina Powers, Ph.D., WSCUC Fellow

Audience Questions for Presenters

Workgroup Discussion

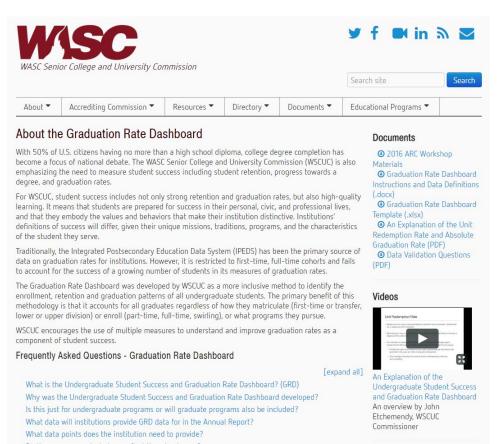
- Form small groups with individuals around you.
- In your groups:
 - Introduce yourself (name, title, and connection to the GRD)
 - How has the GRD been used at your institution?
 - What ideas do you have for GRD analyses at your institution?
 - What challenges exist for completing your GRD analyses?
- Report-out from groups Goal is to create a list of ideas and gather more institutional examples to share.

Workgroup Report-Out

- How has the GRD been used at your institution?
- What ideas do you have for GRD analyses at your institution?
- What challenges exist for completing your GRD analyses?

Resource Documents

- This session will be on the CAIR and WSCUC websites.
- https://www.wascsenio r.org/resources/aboutthe-graduation-ratedashboard



If you want to know more...





WSCUC will be working bring more information about the dashboard and training to the region.

- WSCUC ARC 2017 San Diego, CA
- Association for Institutional Research 2017 Washington, DC

Thank You for Attending