



CRA

Computing Research
Association

CRA Taulbee Survey Benchmarking Samples at Snowbird 2018

This is for the session at Snowbird 2018 on Using CRA Data to Improve Your Department and Inform Decision Making.

Benchmarking is available to CRA member departments who participated in the CRA Taulbee Survey in the most recent year. These reports are run against a “comparison group” which can be one of the standard Taulbee groups (e.g. All US CS Public) or a self-selected peer group. At this time, each Taulbee academic unit is limited to a single self-selected comparison group.

The following tables and charts are provided for examples.

1. Sample salary benchmarking report. This report has been available for several years but is not seeing much use.
2. Sample tables and graphs from a “slide show” of non-salary data items. These are new. A “slide show” is be a predefined set of tables and graphs which a user can run using their own comparison group. These examples are some of the possible table and graph types.
 - a. A summary of multiple variables for a single year for a single comparison group, providing mean and 10th, 25th, 50th, 75th, and 90th percentile values for the group, plus also showing (in the first row) the data submitted for the focus organization (i.e. your department.)
 - b. A bar chart of a single variable over time (history available back to 2010) showing the focus organization and the selected comparison group.
 - c. A table of a single variable over time showing the focus organization and the selected comparison group.

Sample Report

Reports for Users at Academic Units: Faculty Salary Summary Report

Report Parameters

Focus Academic Unit Demonstration Academic Unit
 Comparison Group All US CS
 Group Size 186 Academic Units
 Taulbee Year 2014
 Only from Academic Units on 9 month Academic Year (162)

Focus Academic Unit: user's department

Comparison Group: Selected peer group

Incumbent-level section: available only to units that provide incumbent-level data

	Full Professor				Associate Professor			Ass. Prof	Non-Tenure Track		
	In rank 16+ years	In rank 8-15 yrs	In rank 0-7 years	All Years	In rank 8+ years	In rank 0-7 years	All Years		Teach	Research	Postdoc
Based on All Incumbent-level Reporting											
N Depts	73	79	82	93	72	83	92	90	65	35	33
N Indiv	373	361	398	1226	283	446	788	493	356	205	198
10 %tile	\$119,211	\$114,033	\$111,465	\$113,810	\$92,583	\$94,289	\$93,374	\$86,879	\$53,793	\$49,138	\$41,048
25 %tile	\$134,154	\$126,533	\$120,988	\$126,819	\$98,511	\$100,887	\$99,838	\$92,395	\$63,606	\$60,770	\$47,325
50 %tile	\$154,496	\$150,523	\$136,197	\$147,342	\$104,911	\$109,596	\$107,881	\$97,375	\$72,200	\$85,000	\$54,167
75 %tile	\$188,920	\$175,760	\$157,156	\$174,000	\$115,438	\$118,268	\$117,828	\$102,202	\$82,954	\$108,561	\$62,319
90 %tile	\$217,572	\$200,336	\$185,594	\$204,198	\$128,257	\$131,434	\$131,341	\$107,462	\$100,511	\$148,199	\$70,000
Based on All Department Averages											
50 %tile	\$156,787	\$150,635	\$142,069	\$149,036	\$106,050	\$110,642	\$109,633	\$96,055	\$71,839	\$87,848	\$52,877
% diff*	1.5%	0.1%	4.3%	1.1%	1.1%	1.0%	1.6%	-1.4%	-0.5%	3.4%	-2.4%
Demonstration Academic Unit											
Average	\$200,000		\$120,000	\$160,000		\$100,000	\$100,000				\$65,000
% diff**	27.6%		-15.5%	7.4%		-9.6%	-8.8%				22.9%
N Indiv	1		1	2		1	1				1

* % diff from 50 %tile of All Incumbent-level Reporting. ** % diff from 50 %tile of All Department Averages.

Only the median will display when the number of academic units is less than 10. When the number of units falls below 3 the median also will not display.

This report was generated by CRA's Taulbee Survey Online application on Mar 11, 2015 12:37:36 PM EDT. © 2014 CRA.

Own Unit summary. Blank for non-Taulbee units.

All Department section: available to units that provided summary data, and to units not eligible for Taulbee (e.g. industry)

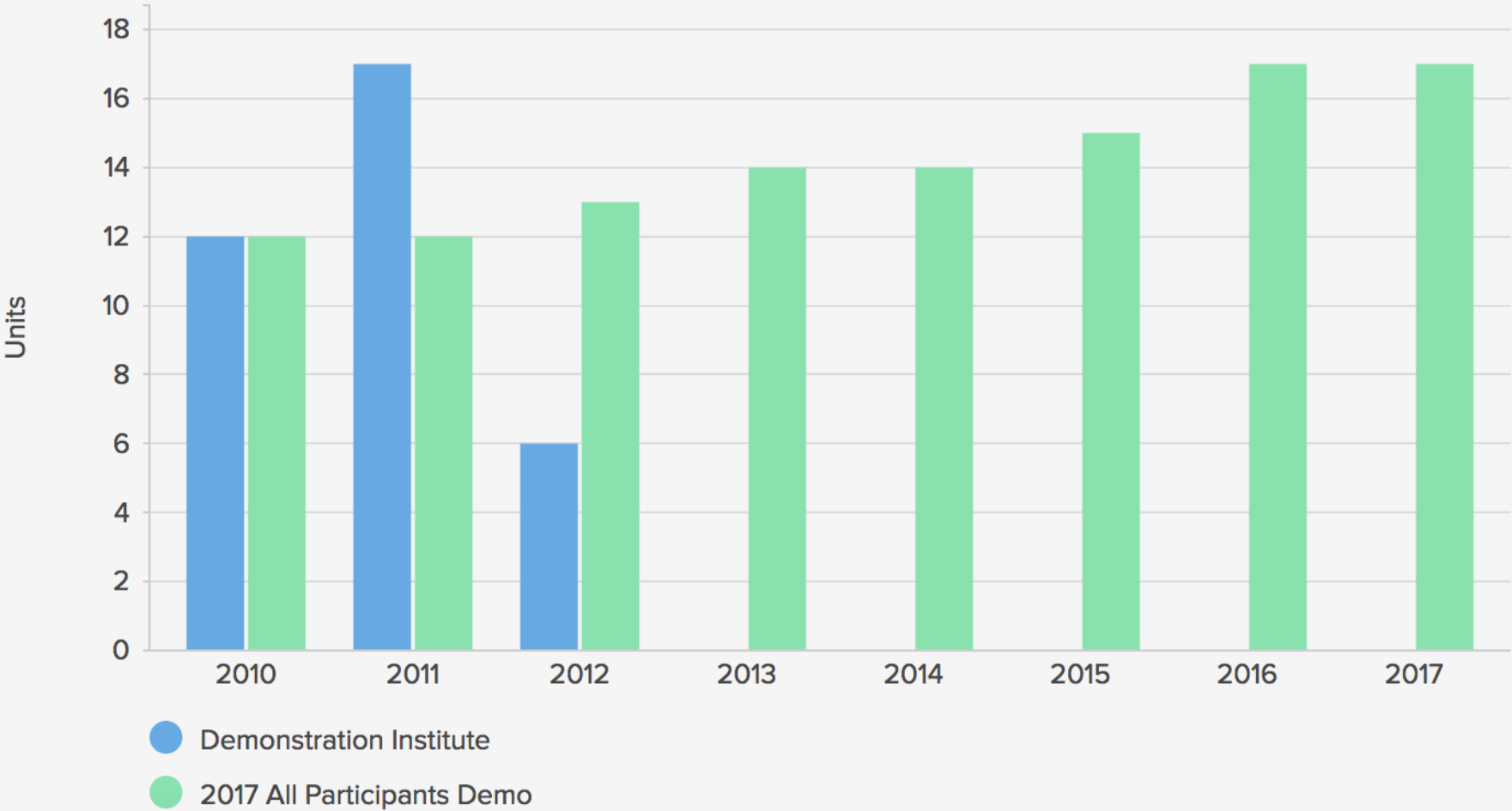
Summary	Bachelors Degrees Awarded Per Tenure Track Faculty	Percent Bachelors Degrees Awarded to Women	Total Bachelors Degrees Awarded	Total number of PhDs awarded	Total Bachelors Enrollment	Total PhD Enrollment	Total Current Tenure/ Tenure-Track FTE	Grad Student Support TA Institutional	Grad Student Support RA External	Profiles: Teaching Load - Courses Per Academic Year Tenure Track	Profiles: Teaching Load - Courses Per Academic Year Non-tenure-track Teaching	Profiles: Current Department - Space Total
Demonstration Institute				13								
Mean (Average)	5.3	17	191	12	967	97	29.24	33.81	43.92	too few values	too few values	too few values
90th Percentile	10.8	30	396	26	1,993	205	53.00	65.00	98.54	too few values	too few values	too few values
75th Percentile	7.0	23	257	17	1,186	132	38.50	40.00	52.50	too few values	too few values	too few values
50th Percentile (median)	4.7	15	131	9	728	77	25.00	23.00	28.00	too few values	too few values	too few values
25th Percentile	3.1	10	80	6	438	44	17.00	10.50	15.00	too few values	too few values	too few values
10th Percentile	0.0	6	52	3	291	24	12.00	6.00	6.00	too few values	too few values	too few values
Number of Academic Units Reporting Valid Data	173	151	151	144	153	159	173	141	121	0	0	0

Bachelors Degrees Awarded % F Graph

Comparison group values:

Arithmetic means

Percent Bachelors Degrees Awarded to Women



Bachelors Degree Totals

Comparison group values:

<u>Total Bachelors Degrees Awarded</u>			
Year	Demonstration Institute	2017 All Participants Demo	
		mean	N
2010	259	76	141
2011	308	88	141
2012	68	101	143
2013	--	103	134
2014	--	118	137
2015	--	139	148
2016	--	165	146
2017	--	191	151