

EXECUTIVE SUMMARY**Item Name: 2013 Annual Report on Wages Earned by Arizona University System Graduates** Action Item Discussion Item Information Item

Issue: The Board will receive a report from Dan Anderson on the wages earned by Arizona University System graduates.

Background

- ▶ Measuring the value of a college degree, both to students and the state, has been difficult to quantify without detailed data on the earnings of individual students. Data are now available that match individual students to their earnings in Arizona. This report is intended to document the economic contribution of Arizona's universities to improving the skills of the local workforce and to generating higher incomes for graduates.

Statutory/Policy Requirement – None.

Strategic Implications

- ▶ One way to measure success, both for the universities and their students, is employment and earnings. Individual students benefit from higher education with jobs that pay higher wages, provide better benefits, and a variety of other positive aspects. The state benefits from a better skilled workforce that adds value for the state and its employers.

Discussion

- ▶ According to the US Census Bureau, 2012 American Community Survey, the median earnings in Arizona of an individual with a graduate degree were \$60,562 and for someone with a bachelor's degree their median earnings were \$46,668. By contrast, an individual in Arizona with some college, but no degree, had median earnings of \$32,278 and a high school graduate had median earnings of \$25,923.
- ▶ So among other benefits, an undergraduate student working in Arizona has median earnings that are \$20,745 (80 percent) higher than a high school graduate. The median earnings of a graduate student were \$13,894 (30 percent) above those of a bachelor's degree recipient.
- ▶ And the gap is widening. In 2007, the median earnings of someone with a Bachelor's degree were 70 percent higher than someone with a high school diploma and someone with a graduate degree earned 23 percent more than someone with a Bachelor's degree.

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Key Findings

Wages Earned

In 2012, 241,434 students who graduated from Arizona’s public universities between 1989-1990 and 2011-12 earned nearly \$13.2 billion in wages in Arizona and paid an estimated \$947 million in state and local taxes.

Their annual average wage was \$54,534, as compared \$45,595 for all similar workers in Arizona. This is a difference of \$8,939 per graduate or 20 percent.

Undergraduate and Graduate Earnings

Individual students with graduate degrees earn varying amounts more than those with bachelor degrees.

- The median wage for recent Arizona State University graduate students who graduated from 2007-2008 through 2011-2012 was \$15,957 or 43 percent greater than the median wage for undergraduate students.
- At Northern Arizona University, the median wage difference was \$12,851 or 37 percent.
- At the University of Arizona, undergraduate and graduate median wages differed by \$20,038 or 55 percent.

**Table I
 Median Wages for 2008-12 Undergraduate & Graduate Students in 2012**

	Undergraduate Students	Graduate Students	Difference
Arizona State University	\$36,779	\$52,736	\$15,957
Northern Arizona University	\$34,449	\$47,300	\$12,851
University of Arizona	\$36,675	\$56,713	\$20,038

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Earnings rise over time as well, with some variation by institution. As individuals gain more tenure and experience in their jobs, their wages rise. Impacting wages include the labor market in which the individual is employed, the occupation in which they work and the mix of degrees awarded by the institution. Wages tend to be higher in urban labor markets as compared to rural areas. Some fields such as education pay less than areas such as engineering or business. Yet clearly with all the differences, median wages rise over time.

**Table II
 Median Wages in 2012 for Bachelor Degree Recipients
 2011 Graduates Compared to 1991 Graduates**

	Median Wages of a Resident 2011 Bachelor's Graduate	Median Wages of a Resident 1991 Bachelor's Graduate	Difference
Arizona State University	\$34,827	\$67,677	\$32,850 (94%)
Northern Arizona University	\$32,782	\$58,269	\$25,487 (78%)
University of Arizona	\$32,424	\$65,658	\$33,234 (102%)

Over time, employment of university graduates declines in Arizona. For undergraduates, nearly 70 percent are employed following graduation. This falls to below 40 percent for 1991 graduates. For graduate students, about 61 percent are employed following graduation, falling to 31 percent for 1991 graduates.

A more in-depth analysis is provided on the following pages which includes a summary for each institution.

Recommendation to the Board

The 2013 report on Wages Earned by Arizona University System Graduates In 2012 is presented for the Board's information and review.

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Wages Earned by Graduates in 2012 Overview

Population

This report provides an analysis of Arizona University System graduates working in Arizona in 2012 who graduated between 1989-1990 and 2011-2012.

In this report, wages earned come from employer records maintained by the unemployment insurance program of the Arizona Department of Economic Security. The data are only for those individuals working in Arizona who receive a wage from an employer. This excludes those who are self-employed or work outside the state.

The report is also limited to those graduates who received their degree between 1989-1990 and 2011-2012 and for whom the universities had a social security number for matching purposes. Some students are excluded because there were no social security numbers available for matching purposes. Records for graduates before 1989-1990 were excluded because of questionable data quality and quantity.

An important responsibility of the universities is to prepare students for employment in the local workforce. Two aspects of that preparation are the areas where degrees are awarded and the wages earned by those individuals.

Undergraduate Employment and Median Wages

In 2012, 173,358 undergraduate students who received their degree between 1989-1990 and 2011-2012 had employment in Arizona, earning a total of \$8.6 billion in wages for an average wage of \$49,782. The largest instructional areas where those students are employed and their median wages are contained in tables 1 and 2 below. The seven largest instructional areas accounted for 35,701 (60 percent) of those locally employed undergraduates. In these seven largest instructional areas, the highest median wage was recorded for health and related occupations followed by business, management and marketing at all three universities. Multi/Interdisciplinary studies were the next highest paying at Arizona State University while education was the third highest paying at Northern Arizona University and the University of Arizona.

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**Table 1
 Largest Instructional Areas with Recent Undergraduate Students
 Earning Wages in Arizona (2008-12)**

	Arizona University System	Arizona State University	Northern Arizona University	University of Arizona
Business/Management/Marketing	9,938	6,499	2,015	1,424
Education	7,764	4,285	2,467	1,012
Social Sciences	4,296	2,666	786	844
Psychology	3,561	2,245	462	854
Communication & Journalism	3,505	2,555	463	487
Multi/Interdisciplinary Studies	3,377	3,015		358
Health Professions and Related	3,260	1,579	932	749

**Table 2
 2012 Median Wages for Largest Instructional Areas with Recent
 Undergraduate Students Earning Wages in Arizona (2008-12)**

	Arizona State University	Northern Arizona University	University of Arizona
Business/Management/Marketing	\$43,029	\$36,641	\$42,489
Education	\$36,924	\$35,080	\$35,113
Social Sciences	\$32,512	\$29,144	\$30,058
Psychology	\$29,952	\$26,188	\$29,836
Communication & Journalism	\$34,237	\$26,310	\$32,850
Multi/Interdisciplinary Studies	\$37,162		\$28,879
Health Professions and Related	\$56,073	\$54,878	\$51,490

Graduate Employment and Median Wages

In 2012, 68,076 graduate students who received a degree between 1990 and 2012 had employment in Arizona, earning a total of \$4.5 billion in wages for an average wage of \$66,619. The largest instructional areas where those students are employed and their median wages are contained in tables 3 and 4 below. Education has significantly more graduate students employed in Arizona than any other area. Engineering had the highest median wage for these large graduate instructional areas at Northern Arizona University. At Arizona State University, the highest median wage was for engineering, with business/management/marketing graduate students close behind. At the University of Arizona, the same was true with the highest median wage for engineering followed by business/management/marketing.

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**Table 3
 Largest Instructional Areas with Recent Graduate Students
 Earning Wages in Arizona (2008-12)
 Arizona University System**

	Arizona University System	Arizona State University	Northern Arizona University	University of Arizona
Education	9,317	3,551	5,139	627
Business/Management/Marketing	3,633	2,562	513	558
Health Professions & Related	1,562	473	349	740
Public Admin. & Social Service	1,465	1,390	17	58
Engineering	1,153	905	20	228
Legal Professions	971	659		312

**Table 4
 2012 Median Wages for Largest Instructional Areas with Recent
 Graduate Students Earning Wages in Arizona (2008-12)
 Arizona University System**

	Arizona State University	Northern Arizona University	University of Arizona
Education	\$43,504	\$46,445	\$42,273
Business/Management/Marketing	\$82,181	\$62,183	\$75,980
Health Professions & Related	\$71,502	\$63,155	\$64,063
Public Admin. & Social Service	\$42,962	\$54,980	\$41,197
Engineering	\$82,204	\$72,641	\$79,821
Legal Professions	\$66,350		\$58,581

Tables 5 through 10 provide information on the number of recent undergraduate and graduate students who are working in Arizona and their median wages. For each university, separate tables are provided for undergraduate students and graduate students in the top ten instructional areas.

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**Table 5
 Largest Instructional Areas with Recent Undergraduate Students (2008-12)
 Earning Wages in 2012 in Arizona
 Arizona State University**

	Wage Earners	Median Wage
Business/Management/Marketing	6,499	\$43,029
Education	4,285	\$36,924
Multi/Interdisciplinary Studies	3,015	\$37,162
Social Sciences	2,666	\$32,512
Communication/Journalism	2,555	\$34,237
Psychology	2,245	\$29,952
Visual & Performing Arts	1,893	\$27,536
Engineering	1,865	\$58,796
Biological/Biomedical Sciences	1,828	\$29,360
Health Professions & Related	1,579	\$56,073

**Table 6
 Largest Instructional Areas with Recent Graduate Students (2008-12)
 Earning Wages in 2012 in Arizona
 Arizona State University**

	Wage Earners	Median Wage
Education	3,551	\$43,504
Business/Management/Marketing	2,562	\$82,181
Public Admin. & Social Service	1,390	\$42,962
Engineering	905	\$82,204
Legal Professions	659	\$66,360
Health Professions and Related	473	\$71,502
Visual & Performing Arts	295	\$28,355
Architecture and Related	225	\$42,013
Computer & Information Sciences	212	\$77,516
Engineering Technologies	210	\$69,934
Family & Consumer Sciences	158	\$38,384

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**Table 7
 Largest Instructional Areas with Recent Undergraduate Students (2008-12)
 Earning Wages in 2012 in Arizona
 Northern Arizona University**

	Wage Earners	Median Wage
Education	2,467	\$35,080
Business/Management/Marketing	2,015	\$36,641
Liberal Arts and Sciences	1,143	\$34,243
Health Professions & Related	932	\$54,878
Social Sciences	786	\$29,144
Visual & Performing Arts	523	\$24,922
Biological/Biomedical Sciences	498	\$25,434
Communication/Journalism	463	\$26,310
Psychology	462	\$26,188
Science Technologies & Technicians	429	\$39,426

**Table 8
 Largest Instructional Areas with Recent Graduate Students (2008-12)
 Earning Wages in 2012 in Arizona
 Northern Arizona University**

	Wage Earners	Median Wage
Education	5,139	\$46,445
Business/Management/Marketing	513	\$62,183
Health Professions & Related	349	\$63,155
English Language & Literature	191	\$42,208
Social Sciences	123	\$38,879
Psychology	67	\$48,460
Biological/Biomedical Sciences	57	\$37,228
Liberal Arts and Sciences	35	\$37,560
Natural Resources & Conservation	35	\$38,902
Communication/Journalism	34	\$44,775

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**Table 9
 Largest Instructional Areas with Recent Undergraduate Students (2008-12)
 Earning Wages in 2012 in Arizona
 University of Arizona**

	Wage Earners	Median Wage
Business/Management/Marketing	1,424	\$42,489
Education	1,012	\$35,113
Psychology	854	\$29,836
Social Sciences	844	\$30,058
Health Professions & Related	749	\$51,490
Biological & Biomedical Sciences	736	\$26,587
Engineering	579	\$62,870
Communication/Journalism	487	\$32,850
Visual & Performing Arts	414	\$24,314
English Language & Literature	363	\$26,242

**Table 10
 Largest Instructional Areas with Recent Graduate Students (2008-12)
 Earning Wages in 2012 in Arizona
 University of Arizona**

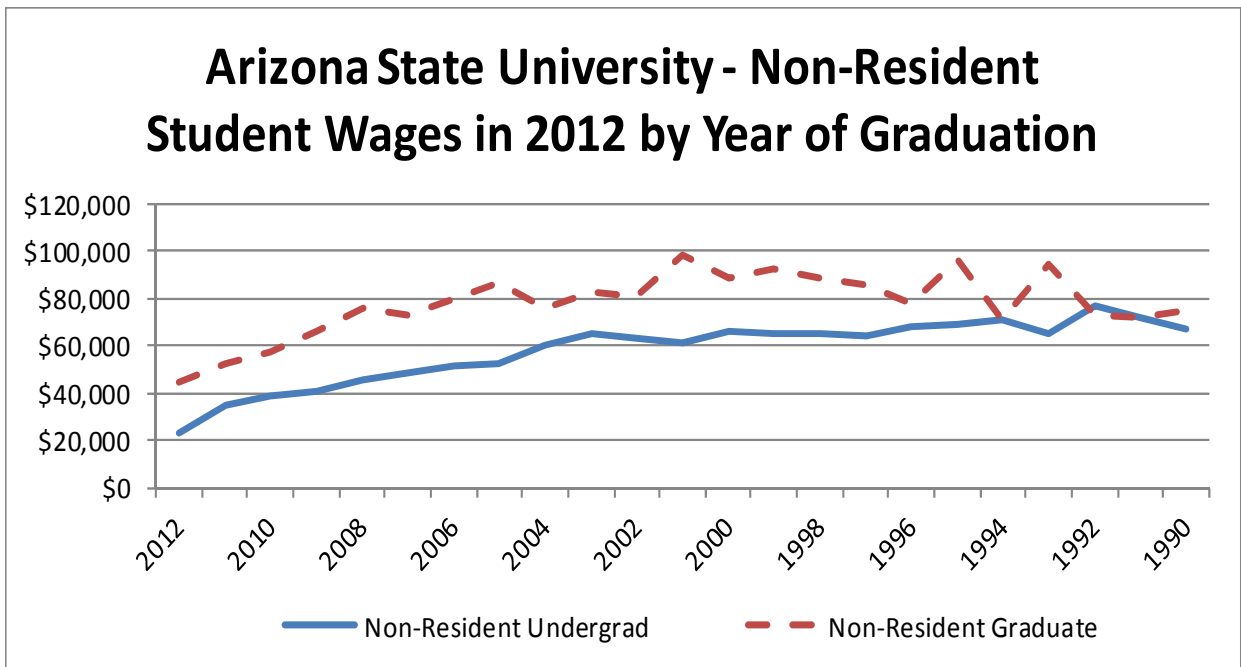
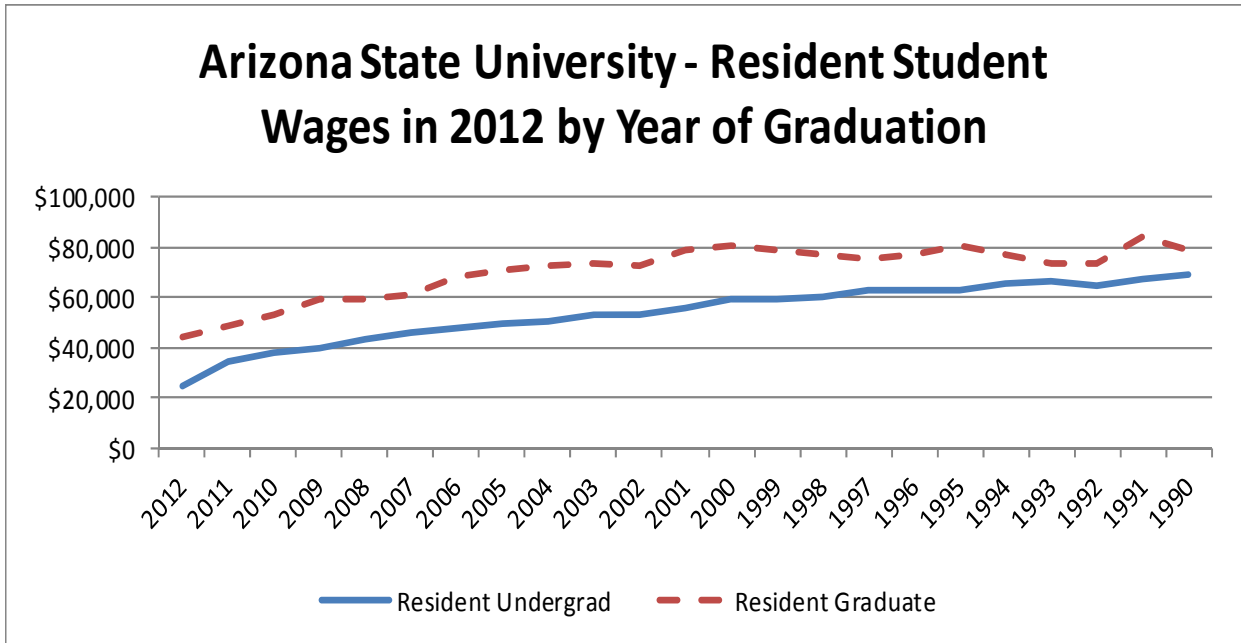
	Wage Earners	Median Wage
Health Professions & Related	740	\$64,063
Education	627	\$42,273
Business/Management/Marketing	558	\$75,980
Legal Professions	312	\$58,581
Library Science	294	\$41,802
Engineering	228	\$79,821
Physical Sciences	146	\$70,128
Biological/Biomedical Sciences	111	\$44,310
Visual & Performing Arts	79	\$24,235
Computer & Information Sciences	76	\$65,660

Appendix – Arizona State University

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Arizona State University

CIP	CIP Code Description	Bachelors		
		Degrees Awarded	Number Working in	Median Wages in
		2008-2012	2012	2012
01	Agriculture, and Related Sciences	339	180	\$31,647
03	Natural Resources and Conservation	47	28	\$35,815
04	Architecture and Related Services	908	499	\$34,624
05	Area, Ethnic, Cultural, and Gender Studies	305	196	\$31,000
09	Communication, Journalism, and Related Programs	4,109	2,555	\$34,237
10	Communications Technologies/Technicians & Support	76	56	\$28,926
11	Computer and Information Sciences & Support Services	850	611	\$53,192
12	Personal and Culinary Services			
13	Education	5,161	4,285	\$36,924
14	Engineering	3,069	1,865	\$58,796
15	Engineering Technologies/Technicians	294	203	\$57,398
16	Foreign Languages, Literatures, and Linguistics	726	400	\$31,131
19	Family and Consumer Sciences/Human Sciences	1,557	1,031	\$28,950
22	Legal Professions and Studies	301	218	\$30,498
23	English Language and Literatures/Letters	1,545	979	\$30,927
24	Liberal Arts and Sciences, General Studies & Humanities	528	294	\$40,831
25	Library Science			
26	Biological and Biomedical Sciences	3,132	1,828	\$29,360
27	Mathematics and Statistics	432	237	\$41,787
28	ROTC			
29	Military Technologies			
30	Multi/Interdisciplinary Studies	4,969	3,015	\$37,162
31	Parks, Recreation, Leisure and Fitness Studies	1,953	1,270	\$27,546
38	Philosophy and Religious Studies	420	238	\$29,541
39	Theology and Religious Vocations			
40	Physical Sciences	333	160	\$38,537
41	Science Technologies and Technicians	377	286	\$55,242
42	Psychology	3,383	2,245	\$29,952
43	Security and Protective Services	1,707	1,193	\$32,831
44	Public Administration and Social Service Professions	667	510	\$35,661
45	Social Sciences	4,732	2,666	\$32,512
46	Construction Trades			
47	Mechanic and Repair Technologies/Technicians			
48	Precision Production			
49	Transportation and Materials Moving	256	151	\$28,080
50	Visual and Performing Arts	3,436	1,893	\$27,536
51	Health Professions and Related Clinical Sciences	2,064	1,579	\$56,073
52	Business, Management, Marketing, and Related Support	10,176	6,499	\$43,029
54	History	1,089	661	\$30,223
	University Total	58,941	37,831	\$36,779

Notes: Degree recipients may exist in more than one CIP group and career grouping if they earned degrees in multiple areas.
All income is from calendar year 2012.
Cells blackened indicate an N of less than 6.

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Arizona State University

CIP	CIP Code Description	Graduate		
		Degrees Awarded 2008-2012	Number Working in 2012	Median Wages in 2012
01	Agriculture, and Related Sciences	50	22	\$37,876
03	Natural Resources and Conservation	113	58	\$64,111
04	Architecture and Related Services	466	225	\$42,013
05	Area, Ethnic, Cultural, and Gender Studies			
09	Communication, Journalism, and Related Programs	308	145	\$44,232
10	Communications Technologies/Technicians & Support			
11	Computer and Information Sciences & Support Services	603	212	\$77,516
12	Personal and Culinary Services			
13	Education	4,780	3,551	\$43,504
14	Engineering	2,371	905	\$82,204
15	Engineering Technologies/Technicians	365	210	\$69,934
16	Foreign Languages, Literatures, and Linguistics	117	53	\$37,265
19	Family and Consumer Sciences/Human Sciences	216	158	\$38,384
22	Legal Professions and Studies	1,092	659	\$66,350
23	English Language and Literatures/Letters	248	110	\$43,462
24	Liberal Arts and Sciences, General Studies & Humanities	165	105	\$40,968
25	Library Science			
26	Biological and Biomedical Sciences	303	119	\$46,787
27	Mathematics and Statistics	169	62	\$62,210
28	ROTC			
29	Military Technologies			
30	Multi/Interdisciplinary Studies	171	86	\$49,748
31	Parks, Recreation, Leisure and Fitness Studies	110	38	\$45,488
38	Philosophy and Religious Studies	86	45	\$35,180
39	Theology and Religious Vocations			
40	Physical Sciences	279	80	\$49,001
41	Science Technologies and Technicians			
42	Psychology	279	135	\$46,098
43	Security and Protective Services	191	99	\$40,451
44	Public Administration and Social Service Professions	1,830	1,390	\$42,962
45	Social Sciences	409	153	\$45,486
46	Construction Trades			
47	Mechanic and Repair Technologies/Technicians			
48	Precision Production			
49	Transportation and Materials Moving			
50	Visual and Performing Arts	738	295	\$28,355
51	Health Professions and Related Clinical Sciences	706	473	\$71,502
52	Business, Management, Marketing, and Related Support	5,006	2,562	\$82,181
54	History	99	35	\$39,167
	University Total	21,275	11,990	\$52,736

Notes:

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Arizona State University

Year Graduated	Resident Undergraduates						Non-Resident Undergraduates							
	Resident Bachelor Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012	Non-Resident Bachelor Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012
1990	4,134	1,642	39.7%	\$129,145,442	\$9,097,203	1,355	\$69,276	914	113	12.4%	\$9,193,129	\$647,075	91	\$66,664
1991	4,303	1,905	44.3%	\$149,130,784	\$10,510,367	1,574	\$67,677	992	116	11.7%	\$8,856,520	\$626,284	96	\$72,424
1992	4,377	1,939	44.3%	\$149,677,809	\$10,569,415	1,661	\$65,134	1,004	124	12.4%	\$10,717,352	\$759,189	95	\$77,185
1993	4,555	2,067	45.4%	\$154,779,308	\$10,952,407	1,712	\$66,466	1,152	150	13.0%	\$11,204,300	\$792,871	122	\$64,985
1994	4,598	2,224	48.4%	\$164,504,713	\$11,598,067	1,874	\$65,579	1,087	162	14.9%	\$14,213,016	\$997,426	132	\$71,093
1995	4,800	2,394	49.9%	\$173,165,916	\$12,249,498	1,991	\$63,223	1,004	140	13.9%	\$11,900,730	\$837,008	116	\$68,601
1996	4,933	2,501	50.7%	\$172,710,622	\$12,235,823	2,074	\$62,859	943	131	13.9%	\$8,938,330	\$638,797	105	\$68,115
1997	5,074	2,639	52.0%	\$185,744,004	\$13,103,966	2,218	\$62,576	1,135	198	17.4%	\$14,315,914	\$1,007,887	162	\$63,904
1998	5,249	2,833	54.0%	\$186,315,760	\$13,168,192	2,372	\$60,038	1,457	233	16.0%	\$16,474,398	\$1,157,462	198	\$64,999
1999	5,238	2,836	54.1%	\$179,088,610	\$12,703,319	2,342	\$59,728	1,482	269	18.2%	\$18,248,476	\$1,285,312	214	\$64,670
2000	5,565	3,151	56.6%	\$198,737,239	\$14,081,219	2,623	\$59,125	1,633	315	19.3%	\$22,755,341	\$1,604,506	259	\$66,422
2001	5,463	3,113	57.0%	\$187,565,485	\$13,274,130	2,609	\$55,639	1,562	276	17.7%	\$17,958,253	\$1,278,363	228	\$61,723
2002	5,959	3,482	58.4%	\$199,909,017	\$14,180,126	2,892	\$53,642	1,458	289	19.8%	\$22,659,414	\$1,599,209	234	\$63,347
2003	6,353	3,770	59.3%	\$211,223,533	\$14,986,264	3,146	\$53,342	1,564	347	22.2%	\$22,964,150	\$1,620,381	291	\$64,756
2004	6,888	4,213	61.2%	\$219,680,636	\$15,683,752	3,443	\$50,969	1,662	368	22.1%	\$21,976,088	\$1,555,574	302	\$59,925
2005	7,447	4,739	63.6%	\$239,052,581	\$17,085,129	3,893	\$49,401	1,833	447	24.4%	\$23,684,664	\$1,685,654	348	\$52,406
2006	7,787	5,094	65.4%	\$245,983,069	\$17,604,584	4,117	\$48,113	1,819	412	22.6%	\$22,296,997	\$1,576,750	345	\$51,502
2007	8,023	5,371	66.9%	\$241,274,159	\$17,372,182	4,328	\$45,930	1,862	521	28.0%	\$23,970,459	\$1,723,308	391	\$48,176
2008	8,021	5,337	66.5%	\$224,251,062	\$16,315,106	4,223	\$43,067	1,983	486	24.5%	\$20,256,182	\$1,476,463	356	\$45,440
2009	8,467	5,749	67.9%	\$217,265,942	\$16,051,778	4,503	\$40,373	2,178	509	23.4%	\$18,801,138	\$1,396,018	379	\$40,599
2010	8,984	6,422	71.5%	\$224,014,591	\$16,911,156	4,988	\$38,149	2,130	596	28.0%	\$19,752,006	\$1,499,190	422	\$39,173
2011	9,372	7,077	75.5%	\$219,853,993	\$17,172,135	5,346	\$34,827	2,209	701	31.7%	\$18,968,914	\$1,509,643	452	\$34,709
2012	9,926	8,048	81.1%	\$176,242,058	\$15,792,172	5,049	\$25,091	2,344	941	40.1%	\$14,464,098	\$1,402,448	373	\$23,396
TOTAL	145,516	88,546	60.8%	\$4,449,316,330	\$322,697,991	70,333		35,407	7,844	22.2%	\$394,569,868	\$28,676,817	5,711	

Notes:

Degree recipients are included in only one student grouping and one graduation year based upon their highest degree awarded.

All income is from calendar year 2012.

Estimated Arizona state tax revenue assumes the following rates and income levels: <=\$25k = 12.6%; >\$25k and <=\$75k = 6.8%; >\$75k and <=\$100k = 7.2%; >\$100k = 6.9%.

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Arizona State University

Year Graduated	Resident Graduates						Non-Resident Graduates							
	Resident Graduate Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012	Non-Resident Graduate Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012
1990	1,111	429	38.6%	\$38,954,965	\$2,739,723	357	\$79,280	615	95	15.4%	\$8,930,084	\$626,279	83	\$75,307
1991	1,332	524	39.3%	\$50,191,978	\$3,523,952	442	\$84,523	526	70	13.3%	\$5,566,302	\$390,689	57	\$72,462
1992	1,248	526	42.1%	\$49,237,181	\$3,465,767	436	\$73,668	511	50	9.8%	\$3,636,811	\$256,315	40	\$72,798
1993	1,421	645	45.4%	\$54,882,941	\$3,843,042	542	\$73,904	592	57	9.6%	\$4,742,917	\$339,040	45	\$94,500
1994	1,552	706	45.5%	\$62,451,941	\$4,399,713	581	\$76,789	594	41	6.9%	\$3,485,933	\$243,555	31	\$71,430
1995	1,720	829	48.2%	\$76,296,660	\$5,352,943	693	\$80,871	648	52	8.0%	\$5,963,380	\$416,775	46	\$96,173
1996	1,628	813	49.9%	\$73,775,468	\$5,163,613	675	\$77,499	641	76	11.9%	\$6,055,847	\$426,805	62	\$77,528
1997	1,723	807	46.8%	\$73,888,157	\$5,184,065	685	\$75,597	752	110	14.6%	\$9,396,425	\$659,152	89	\$85,675
1998	1,783	856	48.0%	\$78,550,773	\$5,509,229	742	\$77,268	766	106	13.8%	\$9,989,268	\$700,062	91	\$88,194
1999	1,854	954	51.5%	\$87,524,888	\$6,121,127	795	\$78,499	793	102	12.9%	\$9,123,748	\$640,240	82	\$92,588
2000	1,791	958	53.5%	\$87,421,270	\$6,127,163	813	\$80,934	851	144	16.9%	\$13,171,615	\$921,895	125	\$88,652
2001	1,711	889	52.0%	\$86,580,802	\$6,055,491	759	\$79,167	861	128	14.9%	\$11,551,909	\$809,490	106	\$97,914
2002	1,986	1,126	56.7%	\$94,092,280	\$6,586,124	963	\$72,929	813	132	16.2%	\$9,972,333	\$707,607	111	\$80,329
2003	2,069	1,206	58.3%	\$99,142,177	\$6,940,353	1,021	\$73,923	927	151	16.3%	\$14,005,133	\$983,720	126	\$82,769
2004	2,046	1,209	59.1%	\$96,015,486	\$6,742,549	1,027	\$72,376	1,113	215	19.3%	\$16,406,498	\$1,156,133	176	\$75,916
2005	2,019	1,210	59.9%	\$92,876,498	\$6,514,130	1,006	\$71,309	879	170	19.3%	\$13,554,191	\$953,308	133	\$86,399
2006	1,939	1,234	63.6%	\$95,366,678	\$6,690,435	1,072	\$68,091	1,093	188	17.2%	\$14,777,076	\$1,035,022	161	\$80,180
2007	2,097	1,369	65.3%	\$95,439,765	\$6,695,355	1,148	\$61,263	1,169	234	20.0%	\$17,132,550	\$1,203,831	186	\$73,184
2008	2,378	1,603	67.4%	\$110,946,131	\$7,807,386	1,351	\$59,850	1,189	258	21.7%	\$18,203,937	\$1,289,759	194	\$75,882
2009	2,519	1,796	71.3%	\$111,240,720	\$7,837,043	1,477	\$59,143	1,765	396	22.4%	\$25,207,919	\$1,782,667	306	\$66,003
2010	2,786	2,096	75.2%	\$117,009,394	\$8,278,454	1,701	\$52,929	1,692	462	27.3%	\$26,304,697	\$1,873,428	345	\$57,395
2011	2,883	2,207	76.6%	\$115,294,786	\$8,210,757	1,786	\$48,858	1,847	561	30.4%	\$27,674,700	\$2,012,055	382	\$52,307
2012	2,713	2,179	80.3%	\$89,732,526	\$6,771,812	1,368	\$44,087	1,997	694	34.8%	\$24,088,530	\$1,901,789	278	\$44,406
TOTAL	44,309	26,171	59.1%	\$1,936,913,465	\$136,560,225	21,440		22,634	4,492	19.8%	\$298,941,803	\$21,329,617	3,255	

Notes:

Degree recipients are included in only one student grouping and one graduation year based upon their highest degree awarded.

All income is from calendar year 2012.

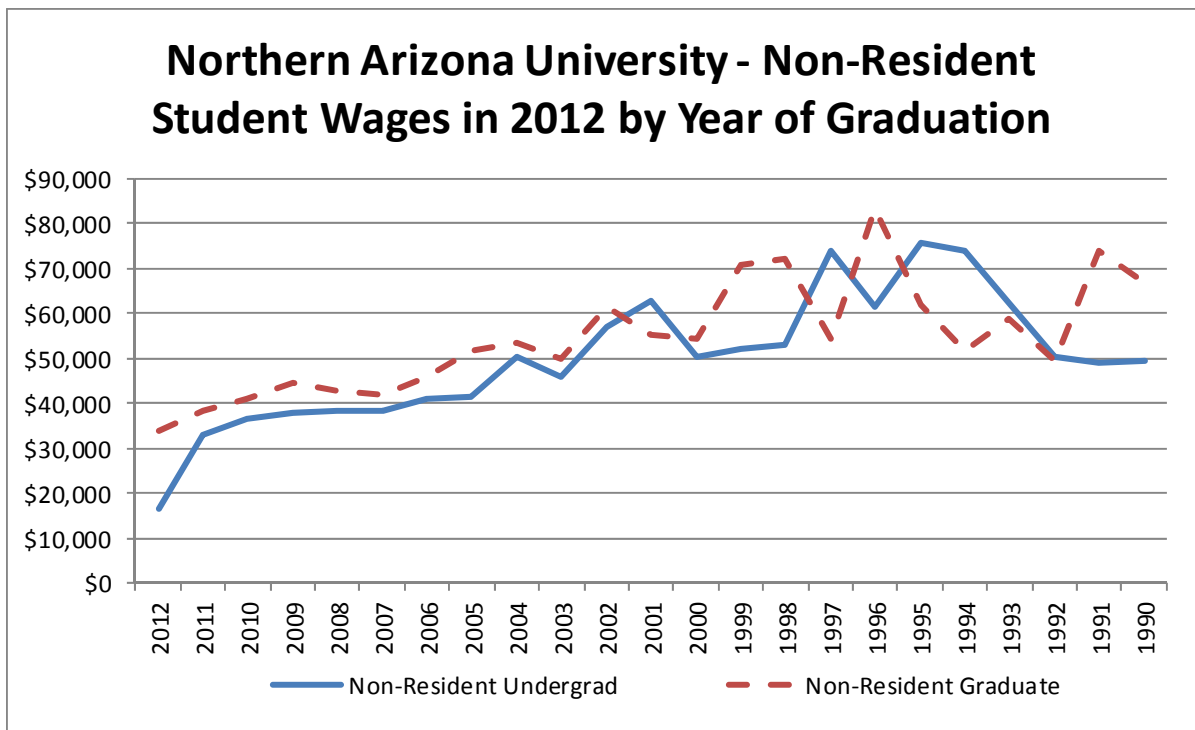
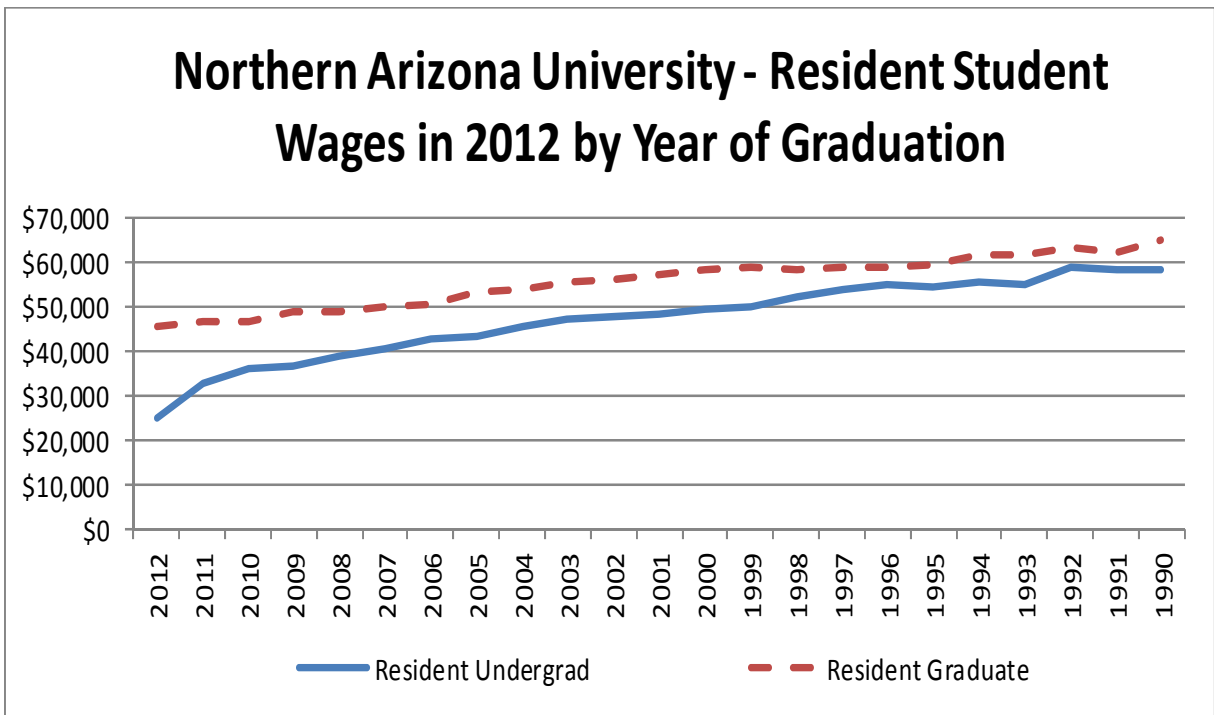
Estimated Arizona state tax revenue assumes the following rates and income levels: <=\$25k = 12.6%; >\$25k and <=\$75k = 6.8%; >\$75k and <=\$100k = 7.2%; >\$100k = 6.9%.

Appendix – Northern Arizona University

EXECUTIVE SUMMARY

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EXECUTIVE SUMMARY



EXECUTIVE SUMMARY

Northern Arizona University		Bachelors		
		Degrees	Number	Median
		Awarded	Working in	Wages in
CIP	CIP Code Description	2008-2012	2012	2012
	1 Agriculture, and Related Sciences			
	3 Natural Resources and Conservation	322	138	\$28,422
	4 Architecture and Related Services			
	5 Area, Ethnic, Cultural, and Gender Studies	38	19	\$21,958
	9 Communication, Journalism, and Related Programs	791	463	\$26,310
	10 Communications Technologies/Technicians & Support			
	11 Computer and Information Sciences & Support Servic	60	33	\$40,689
	12 Personal and Culinary Services			
	13 Education	2,993	2,467	\$35,080
	14 Engineering	484	241	\$54,325
	15 Engineering Technologies/Technicians			
	16 Foreign Languages, Literatures, and Linguistics	151	82	\$26,736
	19 Family and Consumer Sciences/Human Sciences			
	22 Legal Professions and Studies			
	23 English Language and Literatures/Letters	350	228	\$26,613
	24 Liberal Arts and Sciences, General Studies & Human	1,670	1,143	\$34,243
	25 Library Science			
	26 Biological and Biomedical Sciences	876	498	\$25,434
	27 Mathematics and Statistics	83	39	\$25,689
	28 ROTC			
	29 Military Technologies			
	30 Multi/Interdisciplinary Studies			
	31 Parks, Recreation, Leisure and Fitness Studies	507	226	\$25,740
	38 Philosophy and Religious Studies	88	46	\$22,688
	39 Theology and Religious Vocations			
	40 Physical Sciences	376	172	\$28,945
	41 Science Technologies and Technicians	601	429	\$39,426
	42 Psychology	724	462	\$26,188
	43 Security and Protective Services			
	44 Public Administration and Social Service Professio	203	133	\$31,085
	45 Social Sciences	1,401	786	\$29,144
	46 Construction Trades			
	47 Mechanic and Repair Technologies/Technicians			
	48 Precision Production			
	49 Transportation and Materials Moving			
	50 Visual and Performing Arts	895	523	\$24,922
	51 Health Professions and Related Clinical Sciences	1,424	932	\$54,878
	52 Business, Management, Marketing, and Related Suppo	3,202	2,015	\$36,641
	54 History	205	107	\$26,309
	TOTAL	17,453	11,187	\$34,449

Notes:

Degree recipients may exist in more than one CIP group and career grouping if they earned degrees in multiple areas.
All income is from calendar year 2012.
Cells blackened indicate an N of less than 6.

EXECUTIVE SUMMARY

Northern Arizona University

CIP	CIP Code Description	Graduate	Number	Median
		Degrees Awarded	Working in	Wages in
		2008-2012	2012	2012
1	Agriculture, and Related Sciences			
3	Natural Resources and Conservation	137	35	\$38,902
4	Architecture and Related Services			
5	Area, Ethnic, Cultural, and Gender Studies			
9	Communication, Journalism, and Related Programs	51	34	\$44,775
10	Communications Technologies/Technicians & Support			
11	Computer and Information Sciences & Support Serv			
12	Personal and Culinary Services			
13	Education	6,196	5,139	\$46,445
14	Engineering	49	20	\$72,641
15	Engineering Technologies/Technicians			
16	Foreign Languages, Literatures, and Linguistics			
19	Family and Consumer Sciences/Human Sciences			
22	Legal Professions and Studies			
23	English Language and Literatures/Letters	341	191	\$42,208
24	Liberal Arts and Sciences, General Studies & Human	69	35	\$37,560
25	Library Science			
26	Biological and Biomedical Sciences	114	57	\$37,228
27	Mathematics and Statistics	38	20	\$43,610
28	ROTC			
29	Military Technologies			
30	Multi/Interdisciplinary Studies			
31	Parks, Recreation, Leisure and Fitness Studies			
38	Philosophy and Religious Studies			
39	Theology and Religious Vocations			
40	Physical Sciences	95	33	\$42,842
41	Science Technologies and Technicians			
42	Psychology	124	67	\$48,460
43	Security and Protective Services			
44	Public Administration and Social Service Professio	21	17	\$54,980
45	Social Sciences	275	123	\$38,879
46	Construction Trades			
47	Mechanic and Repair Technologies/Technicians			
48	Precision Production			
49	Transportation and Materials Moving			
50	Visual and Performing Arts	49	13	\$28,095
51	Health Professions and Related Clinical Sciences	599	349	\$63,155
52	Business, Management, Marketing, and Related Suppo	692	513	\$62,183
54	History	33	17	\$36,260
	TOTAL	8,912	6,666	\$47,300

Notes:

Degree recipients may exist in more than one CIP group and career grouping if they earned degrees in multiple areas.
All income is from calendar year 2012.
Cells blackened indicate an N of less than 6.

EXECUTIVE SUMMARY

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EXECUTIVE SUMMARY

Northern Arizona University

Year Graduated	Resident Undergraduates					Non-Resident Undergraduates								
	Resident Bachelor Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012	Non-Resident Bachelor Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012
1990	1,581	682	43.1%	\$44,142,940	\$3,109,443	602	\$58,250	310	37	11.9%	\$2,118,926	\$150,594	31	\$49,666
1991	1,721	826	48.0%	\$54,645,674	\$3,862,658	716	\$58,269	266	42	15.8%	\$2,478,750	\$180,187	41	\$48,966
1992	2,008	944	47.0%	\$60,165,625	\$4,264,812	814	\$58,872	266	35	13.2%	\$2,135,729	\$153,963	32	\$50,323
1993	2,249	1,083	48.2%	\$64,699,711	\$4,588,776	916	\$55,034	247	38	15.4%	\$2,659,887	\$187,179	32	\$62,178
1994	2,384	1,157	48.5%	\$70,976,578	\$5,023,115	986	\$55,708	242	27	11.2%	\$2,100,384	\$148,877	20	\$73,751
1995	2,255	1,130	50.1%	\$67,677,358	\$4,778,730	977	\$54,373	221	31	14.0%	\$2,348,988	\$164,191	27	\$75,697
1996	2,552	1,283	50.3%	\$75,792,485	\$5,388,378	1,087	\$54,830	332	44	13.3%	\$2,769,421	\$196,086	37	\$61,452
1997	2,385	1,177	49.4%	\$68,850,775	\$4,883,361	1,003	\$53,682	360	48	13.3%	\$3,324,747	\$232,859	38	\$74,039
1998	2,280	1,197	52.5%	\$69,046,515	\$4,879,771	1,030	\$52,024	457	55	12.0%	\$2,873,209	\$204,257	45	\$53,232
1999	2,463	1,263	51.3%	\$67,441,302	\$4,778,731	1,079	\$50,242	508	72	14.2%	\$4,022,660	\$287,361	61	\$52,000
2000	2,494	1,320	52.9%	\$68,729,953	\$4,911,473	1,120	\$49,477	478	62	13.0%	\$3,296,577	\$234,038	50	\$50,483
2001	2,418	1,329	55.0%	\$65,022,325	\$4,664,849	1,134	\$48,165	513	76	14.8%	\$5,366,273	\$378,836	61	\$62,900
2002	2,439	1,378	56.5%	\$68,417,967	\$4,893,617	1,181	\$47,709	434	61	14.1%	\$3,148,295	\$230,767	49	\$57,161
2003	2,560	1,505	58.8%	\$72,608,692	\$5,179,070	1,270	\$47,021	444	59	13.3%	\$3,113,672	\$220,102	53	\$45,909
2004	2,439	1,430	58.6%	\$63,377,637	\$4,557,835	1,167	\$45,658	435	83	19.1%	\$4,134,682	\$300,179	65	\$50,197
2005	2,446	1,459	59.6%	\$63,408,749	\$4,573,674	1,213	\$43,609	417	68	16.3%	\$2,788,992	\$202,831	55	\$41,314
2006	2,426	1,536	63.3%	\$63,401,728	\$4,603,816	1,255	\$42,809	415	75	18.1%	\$2,415,289	\$185,481	49	\$40,826
2007	2,427	1,526	62.9%	\$61,318,697	\$4,465,780	1,262	\$40,734	432	85	19.7%	\$2,965,452	\$224,243	64	\$38,504
2008	2,392	1,579	66.0%	\$58,337,789	\$4,326,678	1,277	\$38,755	493	86	17.4%	\$3,161,742	\$229,397	68	\$38,182
2009	2,497	1,688	67.6%	\$58,383,151	\$4,382,364	1,349	\$36,709	560	107	19.1%	\$3,168,513	\$243,612	74	\$38,124
2010	2,746	1,958	71.3%	\$64,523,789	\$4,950,152	1,527	\$36,179	601	123	20.5%	\$3,478,377	\$273,988	80	\$36,438
2011	3,024	2,264	74.9%	\$65,181,698	\$5,216,351	1,711	\$32,782	691	177	25.6%	\$4,088,697	\$343,041	104	\$32,987
2012	3,320	2,676	80.6%	\$56,489,183	\$5,120,735	1,486	\$25,004	799	321	40.2%	\$3,464,315	\$389,692	90	\$16,703
TOTAL	55,506	32,390	58.4%	\$1,472,640,319	\$107,404,171	26,162		9,921	1,812	18.3%	\$71,423,578	\$5,361,760	1,226	

Degree recipients are included in only one student grouping and one graduation year based upon their highest degree awarded.

All income is from calendar year 2012.

Estimated Arizona state tax revenue assumes the following rates and income levels: <=\$25k = 12.6%; >\$25k and <=\$75k = 6.8%; >\$75k and <=\$100k = 7.2%; >\$100k = 6.9%.

EXECUTIVE SUMMARY

Northern Arizona University

Year Graduated	Resident Graduates						Non-Resident Graduates							
	Resident Graduate Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012	Non-Resident Graduate Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012
1990	584	265	45.4%	\$14,636,822	\$1,037,560	217	\$65,234	152	21	13.8%	\$1,371,033	\$97,314	20	\$67,029
1991	661	289	43.7%	\$16,398,801	\$1,173,959	234	\$62,414	108	11	10.2%	\$636,898	\$47,214	6	\$73,804
1992	873	419	48.0%	\$23,250,854	\$1,648,200	344	\$63,279	117	18	15.4%	\$1,050,834	\$73,885	16	\$49,257
1993	889	452	50.8%	\$24,684,093	\$1,754,259	376	\$61,486	100	11	11.0%	\$712,728	\$50,162	10	\$58,723
1994	1,120	607	54.2%	\$34,108,435	\$2,419,186	515	\$61,674	95	10	10.5%	\$530,553	\$37,282	9	\$51,638
1995	1,326	752	56.7%	\$41,461,621	\$2,938,780	667	\$59,298	126	8	6.3%	\$604,353	\$41,686	8	\$61,964
1996	1,356	807	59.5%	\$43,451,278	\$3,072,510	687	\$58,839	99	10	10.1%	\$626,986	\$45,951	6	\$83,480
1997	1,583	980	61.9%	\$53,862,356	\$3,803,043	868	\$59,060	132	19	14.4%	\$974,130	\$68,579	15	\$54,438
1998	1,503	948	63.1%	\$51,789,591	\$3,654,009	806	\$58,084	149	16	10.7%	\$1,307,445	\$91,455	14	\$72,114
1999	1,835	1,196	65.2%	\$67,052,521	\$4,722,470	1,002	\$58,978	114	14	12.3%	\$865,717	\$61,257	10	\$70,872
2000	1,740	1,143	65.7%	\$65,126,222	\$4,575,004	975	\$58,357	160	18	11.3%	\$1,043,602	\$74,615	17	\$54,293
2001	1,776	1,224	68.9%	\$71,935,909	\$5,059,778	1,069	\$57,229	160	11	6.9%	\$724,105	\$51,522	9	\$55,306
2002	1,818	1,264	69.5%	\$71,055,070	\$4,991,640	1,115	\$56,150	152	19	12.5%	\$997,558	\$71,314	16	\$61,274
2003	1,852	1,319	71.2%	\$71,937,237	\$5,054,176	1,160	\$55,290	151	19	12.6%	\$1,182,897	\$81,212	18	\$49,707
2004	1,921	1,368	71.2%	\$71,795,476	\$5,056,411	1,178	\$54,010	197	27	13.7%	\$1,454,328	\$100,417	23	\$53,629
2005	1,816	1,308	72.0%	\$69,316,088	\$4,868,310	1,144	\$53,286	185	22	11.9%	\$1,061,309	\$77,437	17	\$51,897
2006	1,842	1,382	75.0%	\$69,891,515	\$4,897,740	1,211	\$50,673	168	33	19.6%	\$1,255,094	\$90,494	26	\$46,082
2007	1,661	1,249	75.2%	\$61,962,027	\$4,352,175	1,091	\$50,227	182	29	15.9%	\$1,036,563	\$76,576	22	\$41,806
2008	1,660	1,267	76.3%	\$62,076,266	\$4,364,385	1,108	\$49,046	191	39	20.4%	\$1,357,845	\$104,349	27	\$42,968
2009	1,638	1,316	80.3%	\$63,809,633	\$4,492,841	1,141	\$48,859	182	31	17.0%	\$1,122,919	\$85,142	22	\$44,589
2010	1,601	1,296	80.9%	\$60,769,195	\$4,294,933	1,125	\$46,788	182	42	23.1%	\$1,411,829	\$106,022	31	\$41,095
2011	1,580	1,295	82.0%	\$60,228,344	\$4,267,799	1,117	\$46,696	216	59	27.3%	\$1,654,935	\$126,884	36	\$38,364
2012	1,455	1,247	85.7%	\$51,006,015	\$3,718,557	949	\$45,652	198	69	34.8%	\$1,054,137	\$101,771	19	\$33,848
TOTAL	34,090	23,393	68.6%	\$1,221,605,367	\$86,217,724	20,099		3,516	556	15.8%	\$24,037,797	\$1,762,540	397	

Degree recipients are included in only one student grouping and one graduation year based upon their highest degree awarded.

All income is from calendar year 2012.

Estimated Arizona state tax revenue assumes the following rates and income levels: <= \$25k = 12.6%; >\$25k and <=\$75k = 6.8%; >\$75k and <=\$100k = 7.2%; >\$100k = 6.9%.

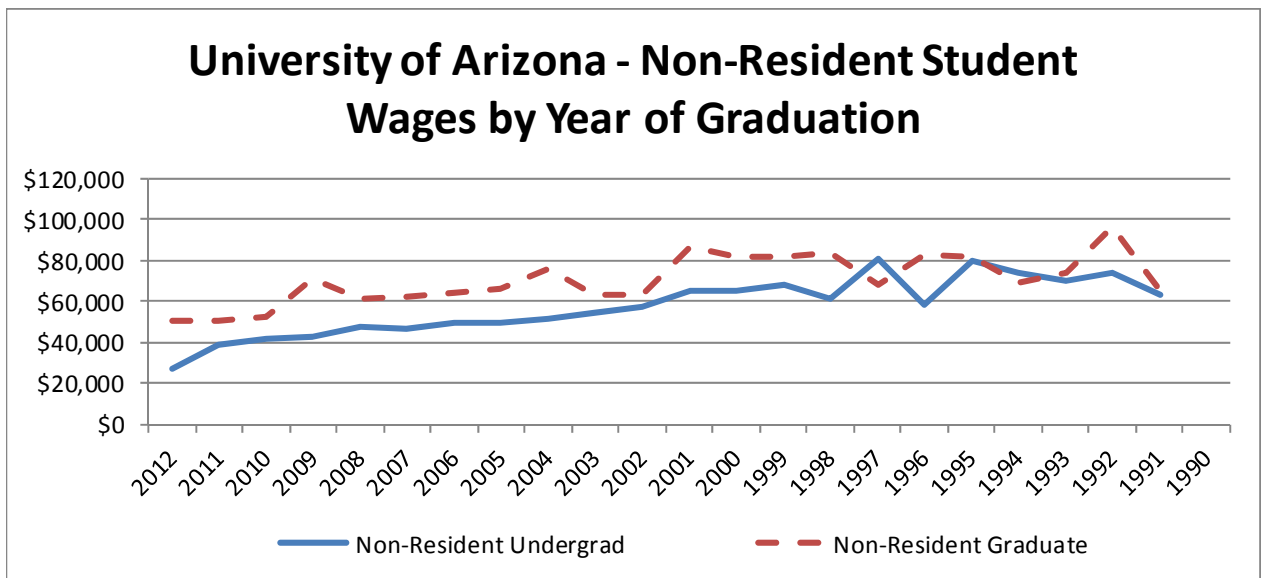
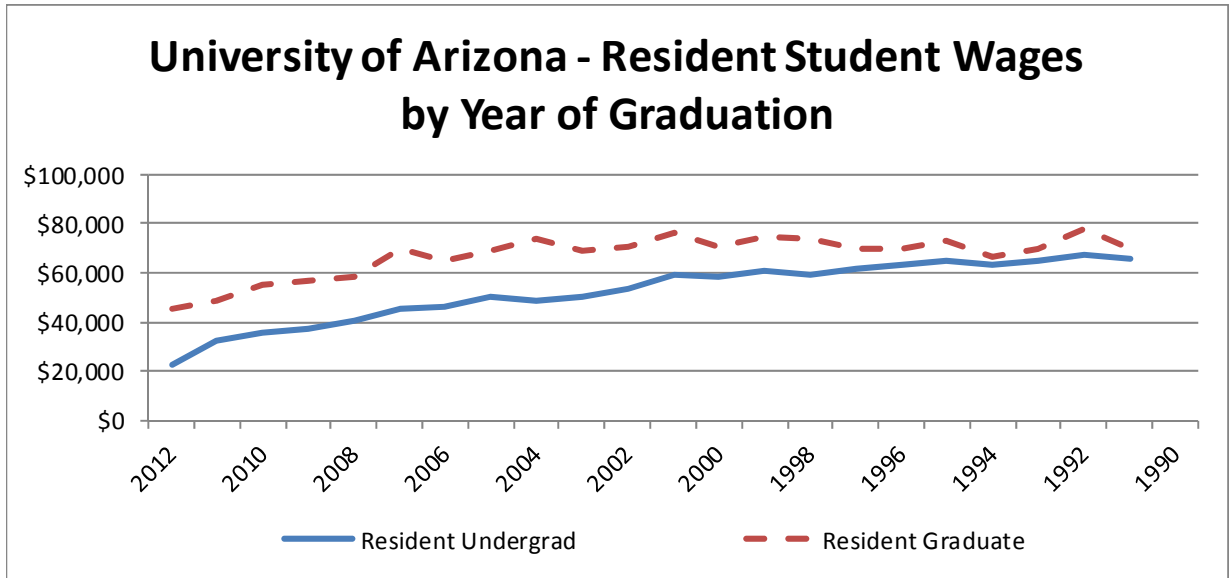
EXECUTIVE SUMMARY

Appendix – University of Arizona

EXECUTIVE SUMMARY

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EXECUTIVE SUMMARY



EXECUTIVE SUMMARY**University of Arizona**

CIP	CIP Description	Bachelors		
		Degrees Awarded 2008-2012	Number Working in 2012	Median Wages in 2012
01	Agriculture, and Related Sciences	445	174	\$39,059
03	Natural Resources and Conservation	241	80	\$27,248
04	Architecture and Related Services	837	210	\$36,597
05	Area, Ethnic, Cultural, and Gender Studies	338	95	\$23,954
09	Communication, Journalism, and Related Programs	1,951	487	\$32,850
10	Communications Technologies/Technicians & Support			
11	Computer and Information Sciences & Support Services	359	130	\$59,801
12	Personal and Culinary Services			
13	Education	1,874	1,012	\$35,113
14	Engineering	1,558	579	\$62,870
15	Engineering Technologies/Technicians	530	206	\$59,127
16	Foreign Languages, Literatures, and Linguistics	888	298	\$28,723
19	Family and Consumer Sciences/Human Sciences	837	346	\$28,653
22	Legal Professions and Studies			
23	English Language and Literatures/Letters	1,051	363	\$26,242
24	Liberal Arts and Sciences, General Studies & Humanities			
25	Library Science			
26	Biological and Biomedical Sciences	2,745	736	\$26,587
27	Mathematics and Statistics	309	80	\$40,181
28	ROTC			
29	Military Technologies			
30	Multi/Interdisciplinary Studies	1,174	358	\$28,879
31	Parks, Recreation, Leisure and Fitness Studies			
38	Philosophy and Religious Studies	283	83	\$28,151
39	Theology and Religious Vocations			
40	Physical Sciences	597	143	\$45,684
41	Science Technologies and Technicians	26	17	\$37,588
42	Psychology	2,338	854	\$29,836
43	Security and Protective Services	104	43	\$40,081
44	Public Administration and Social Service Professions	228	76	\$28,232
45	Social Sciences	2,964	844	\$30,058
46	Construction Trades			
47	Mechanic and Repair Technologies/Technicians			
48	Precision Production			
49	Transportation and Materials Moving			
50	Visual and Performing Arts	1,488	414	\$24,314
51	Health Professions and Related Clinical Sciences	1,575	749	\$51,490
52	Business, Management, Marketing, and Related Support	4,444	1,424	\$42,489
54	History	689	228	\$28,550
	University Total	29,876	10,029	\$36,675

Notes: Degree recipients may exist in more than one CIP group and career grouping if they earned degrees in multiple areas.

All income is from calendar year 2012.

Cells blackened indicate an N of less than 6.

EXECUTIVE SUMMARY**University of Arizona**

CIP	CIP Description	Graduate		
		Degrees Awarded 2008-2012	Number Working in 2012	Median Wages in 2012
01	Agriculture, and Related Sciences	214	44	\$44,017
03	Natural Resources and Conservation	141	33	\$46,274
04	Architecture and Related Services	190	54	\$45,577
05	Area, Ethnic, Cultural, and Gender Studies	257	51	\$37,573
09	Communication, Journalism, and Related Programs	59	10	\$45,622
10	Communications Technologies/Technicians & Support			
11	Computer and Information Sciences & Support Services	379	76	\$65,660
12	Personal and Culinary Services			
13	Education	1,330	627	\$42,273
14	Engineering	859	228	\$79,821
15	Engineering Technologies/Technicians			
16	Foreign Languages, Literatures, and Linguistics	268	38	\$39,432
19	Family and Consumer Sciences/Human Sciences	51	12	\$46,807
22	Legal Professions and Studies	835	312	\$58,581
23	English Language and Literatures/Letters	226	43	\$32,532
24	Liberal Arts and Sciences, General Studies & Humanities			
25	Library Science	621	294	\$41,802
26	Biological and Biomedical Sciences	528	111	\$44,310
27	Mathematics and Statistics	122	16	\$47,892
28	ROTC			
29	Military Technologies			
30	Multi/Interdisciplinary Studies	37	10	\$46,465
31	Parks, Recreation, Leisure and Fitness Studies			
38	Philosophy and Religious Studies			
39	Theology and Religious Vocations			
40	Physical Sciences	899	146	\$70,128
41	Science Technologies and Technicians			
42	Psychology	245	65	\$50,026
43	Security and Protective Services			
44	Public Administration and Social Service Professions	139	58	\$41,197
45	Social Sciences	430	65	\$40,484
46	Construction Trades			
47	Mechanic and Repair Technologies/Technicians			
48	Precision Production			
49	Transportation and Materials Moving			
50	Visual and Performing Arts	389	79	\$24,235
51	Health Professions and Related Clinical Sciences	1,819	740	\$64,063
52	Business, Management, Marketing, and Related Support	1,343	558	\$75,980
54	History	67	11	\$40,039
	University Total	11,538	3,687	\$56,713

Notes: Degree recipients may exist in more than one CIP group and career grouping if they earned degrees in multiple areas.

All income is from calendar year 2012.

Cells blackened indicate an N of less than 6.

EXECUTIVE SUMMARY

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EXECUTIVE SUMMARY

University of Arizona

Year Graduated	Resident Undergraduates						Non-Resident Undergraduates							
	Resident Bachelor Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012	Non-Resident Bachelor Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012
1990														
1991	2,670	1,055	39.5%	\$83,217,021	\$5,856,805	921	\$65,658	966	102	10.6%	\$7,389,612	\$527,217	82	\$63,128
1992	2,884	1,180	40.9%	\$97,441,537	\$6,883,030	1,008	\$67,173	1,228	92	7.5%	\$8,149,325	\$579,987	72	\$74,194
1993	3,008	1,220	40.6%	\$94,621,458	\$6,682,063	1,057	\$64,582	1,353	148	10.9%	\$13,372,327	\$947,484	126	\$69,999
1994	3,091	1,287	41.6%	\$98,967,291	\$6,984,864	1,142	\$63,022	1,172	108	9.2%	\$8,388,704	\$591,122	88	\$73,749
1995	3,167	1,394	44.0%	\$106,222,401	\$7,490,924	1,213	\$64,541	1,161	115	9.9%	\$12,972,164	\$909,196	98	\$79,999
1996	2,981	1,304	43.7%	\$96,674,084	\$6,817,552	1,137	\$63,423	1,182	128	10.8%	\$9,713,427	\$685,279	109	\$58,635
1997	3,015	1,332	44.2%	\$99,413,032	\$7,012,731	1,158	\$61,332	1,285	118	9.2%	\$8,972,535	\$632,568	96	\$81,110
1998	3,226	1,503	46.6%	\$99,727,573	\$7,068,596	1,297	\$59,370	1,553	155	10.0%	\$12,486,296	\$875,765	134	\$61,110
1999	3,058	1,454	47.5%	\$96,880,703	\$6,849,237	1,246	\$61,205	1,351	155	11.5%	\$11,843,723	\$839,675	128	\$67,691
2000	3,071	1,421	46.3%	\$94,529,769	\$6,700,349	1,229	\$58,767	1,347	150	11.1%	\$9,963,557	\$709,656	124	\$65,624
2001	3,130	1,545	49.4%	\$97,396,290	\$6,905,673	1,318	\$59,096	1,364	143	10.5%	\$9,196,121	\$654,326	117	\$64,999
2002	3,076	1,508	49.0%	\$90,950,500	\$6,449,571	1,291	\$53,852	1,415	167	11.8%	\$10,528,689	\$747,294	142	\$57,142
2003	3,225	1,608	49.9%	\$85,421,301	\$6,109,645	1,344	\$49,960	1,632	212	13.0%	\$12,157,813	\$864,917	179	\$54,037
2004	3,299	1,737	52.7%	\$89,503,530	\$6,409,705	1,498	\$48,936	1,513	176	11.6%	\$9,852,944	\$705,513	142	\$51,332
2005	3,552	1,842	51.9%	\$92,330,801	\$6,618,792	1,547	\$49,951	1,766	246	13.9%	\$12,857,738	\$919,219	206	\$49,782
2006	3,575	1,956	54.7%	\$94,454,766	\$6,795,096	1,636	\$46,423	1,612	250	15.5%	\$11,858,053	\$847,632	199	\$49,145
2007	3,445	1,944	56.4%	\$91,557,023	\$6,640,374	1,579	\$45,046	1,834	403	22.0%	\$19,021,969	\$1,367,264	335	\$46,893
2008	3,805	2,235	58.7%	\$85,101,519	\$6,324,962	1,741	\$40,789	1,630	299	18.3%	\$18,436,702	\$1,324,857	219	\$47,874
2009	4,128	2,388	57.8%	\$81,640,755	\$6,192,359	1,854	\$37,433	1,639	269	16.4%	\$10,160,642	\$760,877	190	\$42,332
2010	4,047	2,471	61.1%	\$81,964,200	\$6,327,592	1,862	\$35,737	1,609	285	17.7%	\$9,960,341	\$747,934	182	\$41,851
2011	4,337	2,844	65.6%	\$86,228,954	\$6,856,797	2,060	\$32,424	1,732	305	17.6%	\$9,185,050	\$715,697	195	\$38,803
2012	4,446	3,016	67.8%	\$53,165,328	\$5,005,068	1,557	\$22,544	1,905	496	26.0%	\$8,326,155	\$756,610	169	\$26,885
TOTAL	74,236	38,244	51.5%	\$1,997,409,836	\$144,981,785	30,695		32,249	4,522	14.0%	\$244,793,887	\$17,710,089	3,332	

Notes:

Degree recipients are included in only one student grouping and one graduation year based upon their highest degree awarded.

All income is from calendar year 2012.

Estimated Arizona state tax revenue assumes the following rates and income levels: <= \$25k = 12.6%; >\$25k and <=\$75k = 6.8%; >\$75k and <=\$100k = 7.2%; >\$100k = 6.9%.

EXECUTIVE SUMMARY

University of Arizona

Year Graduated	Resident Graduates						Non-Resident Graduates							
	Resident Graduate Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012	Non-Resident Graduate Degrees Awarded	Number Employed in Arizona in 2012	Percent Employed in Arizona in 2012	Total Wages Earned 2012	Estimated AZ Total State Tax Revenue	Number Employed in Arizona During All 4 Quarters of 2012	Median Wage in 2012 of Those Employed All 4 Quarters of 2012
1990														
1991	979	332	33.9%	\$32,524,643	\$2,280,032	285	\$69,569	563	61	10.8%	\$3,872,584	\$280,706	50	\$65,502
1992	1,024	374	36.5%	\$38,989,705	\$2,735,276	321	\$77,911	641	64	10.0%	\$5,806,389	\$410,809	48	\$95,975
1993	1,046	359	34.3%	\$35,347,492	\$2,471,028	315	\$69,463	628	54	8.6%	\$4,270,214	\$302,475	47	\$73,749
1994	1,102	427	38.7%	\$36,601,427	\$2,577,691	373	\$66,547	719	65	9.0%	\$4,586,188	\$325,246	49	\$68,749
1995	1,041	409	39.3%	\$36,810,143	\$2,582,124	341	\$73,392	728	65	8.9%	\$5,337,438	\$378,793	53	\$81,666
1996	1,095	435	39.7%	\$40,101,826	\$2,812,813	367	\$69,885	718	65	9.1%	\$5,598,567	\$393,208	55	\$82,999
1997	1,088	432	39.7%	\$39,329,443	\$2,757,680	383	\$69,658	783	59	7.5%	\$4,942,336	\$346,161	46	\$68,332
1998	986	419	42.5%	\$40,496,093	\$2,826,951	363	\$73,570	745	46	6.2%	\$4,404,555	\$308,088	38	\$83,332
1999	998	457	45.8%	\$45,054,988	\$3,151,839	399	\$74,458	792	87	11.0%	\$7,711,154	\$540,287	78	\$81,666
2000	919	403	43.9%	\$37,181,932	\$2,605,997	343	\$70,237	802	104	13.0%	\$9,090,513	\$640,305	83	\$82,142
2001	919	395	43.0%	\$36,047,732	\$2,522,564	340	\$75,908	757	95	12.5%	\$7,704,963	\$541,815	78	\$86,666
2002	920	400	43.5%	\$39,116,176	\$2,740,867	358	\$70,713	794	82	10.3%	\$5,394,023	\$387,393	66	\$63,332
2003	912	455	49.9%	\$39,739,796	\$2,780,657	399	\$68,853	870	94	10.8%	\$6,618,934	\$466,472	83	\$63,124
2004	1,024	496	48.4%	\$44,137,763	\$3,092,535	428	\$74,241	961	130	13.5%	\$9,354,352	\$659,388	109	\$75,908
2005	992	521	52.5%	\$41,252,151	\$2,899,856	442	\$68,912	965	134	13.9%	\$8,589,154	\$613,832	107	\$66,332
2006	1,047	559	53.4%	\$42,341,760	\$2,973,957	485	\$64,642	1,002	143	14.3%	\$8,278,886	\$587,222	110	\$63,845
2007	961	519	54.0%	\$48,478,387	\$3,401,795	433	\$69,864	1,191	254	21.3%	\$16,211,161	\$1,154,887	200	\$61,999
2008	1,066	585	54.9%	\$36,371,609	\$2,567,530	475	\$58,098	1,103	228	20.7%	\$16,892,320	\$1,191,525	181	\$61,499
2009	1,164	644	55.3%	\$37,769,144	\$2,678,640	538	\$56,767	1,140	227	19.9%	\$16,711,387	\$1,181,440	181	\$71,189
2010	1,184	726	61.3%	\$41,606,461	\$2,958,749	617	\$54,772	1,041	253	24.3%	\$13,070,323	\$945,351	175	\$52,894
2011	1,384	900	65.0%	\$46,843,777	\$3,355,717	723	\$48,736	1,059	267	25.2%	\$13,072,164	\$949,836	182	\$50,937
2012	1,272	862	67.8%	\$31,266,530	\$2,432,857	486	\$45,077	1,152	334	29.0%	\$9,723,307	\$778,962	129	\$50,697
TOTAL	23,123	11,109	48.0%	\$867,408,978	\$61,207,155	9,214		19,154	2,911	15.2%	\$187,240,912	\$13,384,201	2,148	

Notes:

Degree recipients are included in only one student grouping and one graduation year based upon their highest degree awarded.

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Estimated Arizona state tax revenue assumes the following rates and income levels: <=\$25k = 12.6%; >\$25k and <=\$75k = 6.8%; >\$75k and <=\$100k = 7.2%; >\$100k = 6.9%.