Youngstown State University
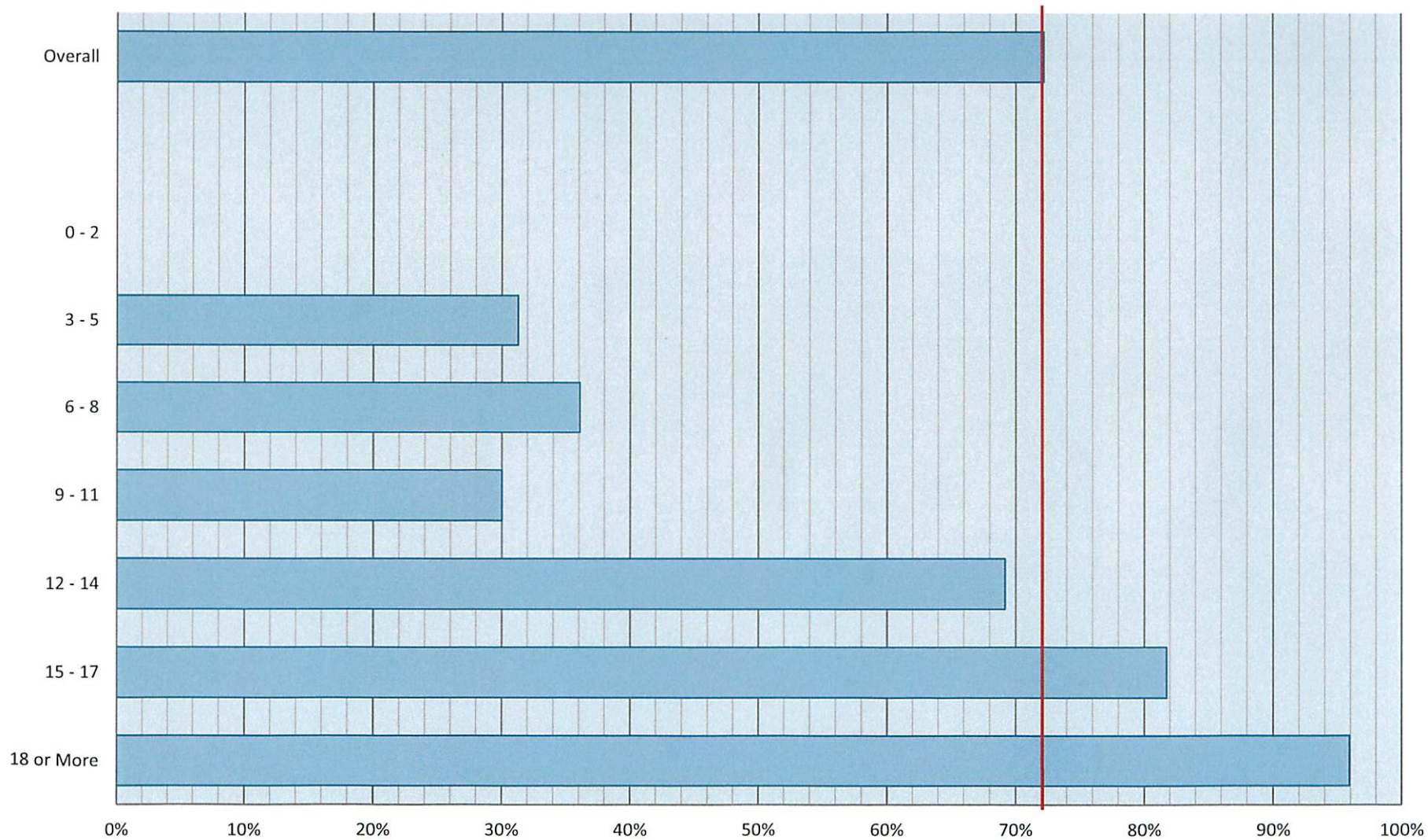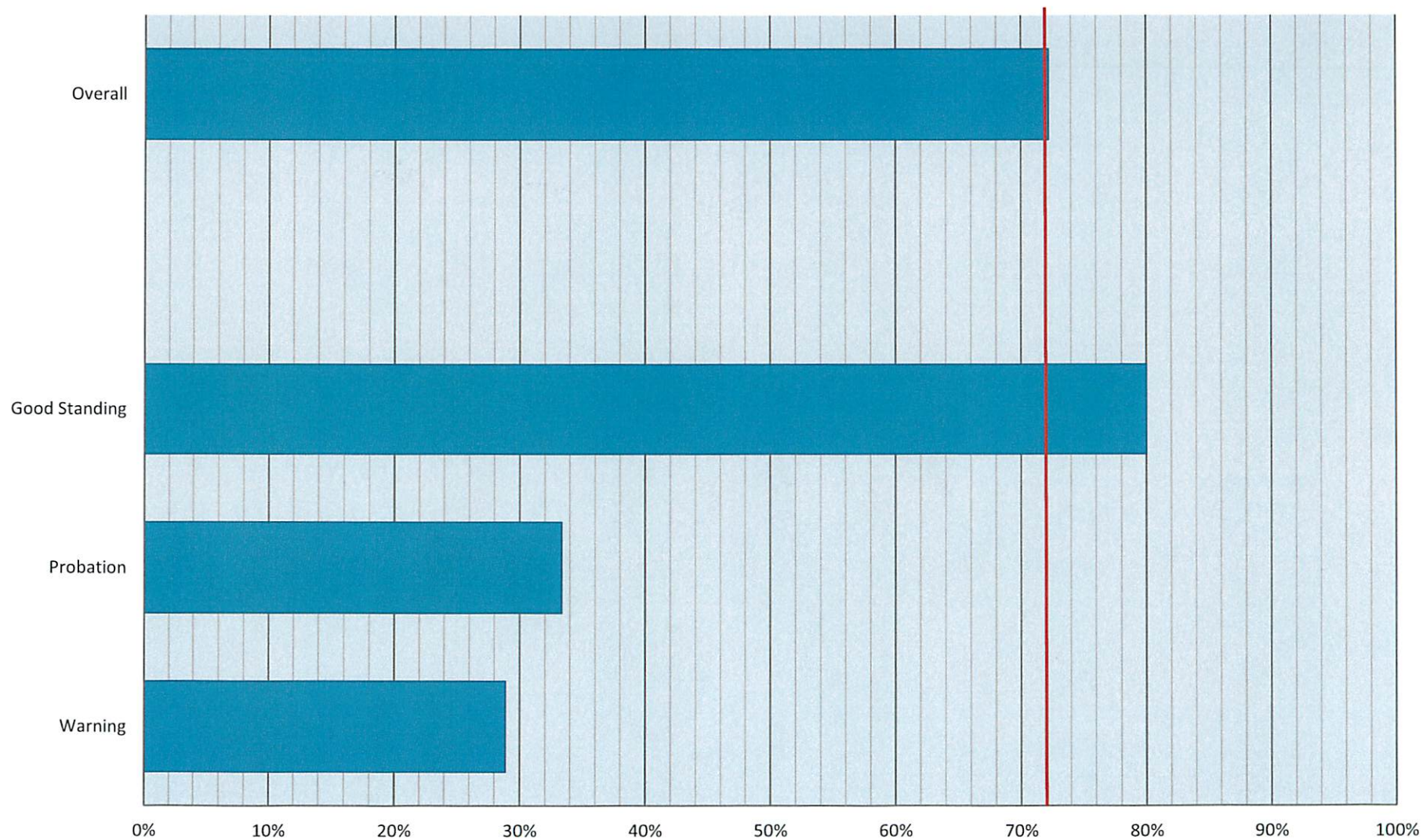## 2014 First-Time Undergraduate Degree Seeking
Fall-to-Fall Persistence Rates
by Fall 2014 Credit Hours Attempted

**Overall
2020 Goal = 72%**

Prepared by: Becky Geltz, Institutional Research, 4/19/2016
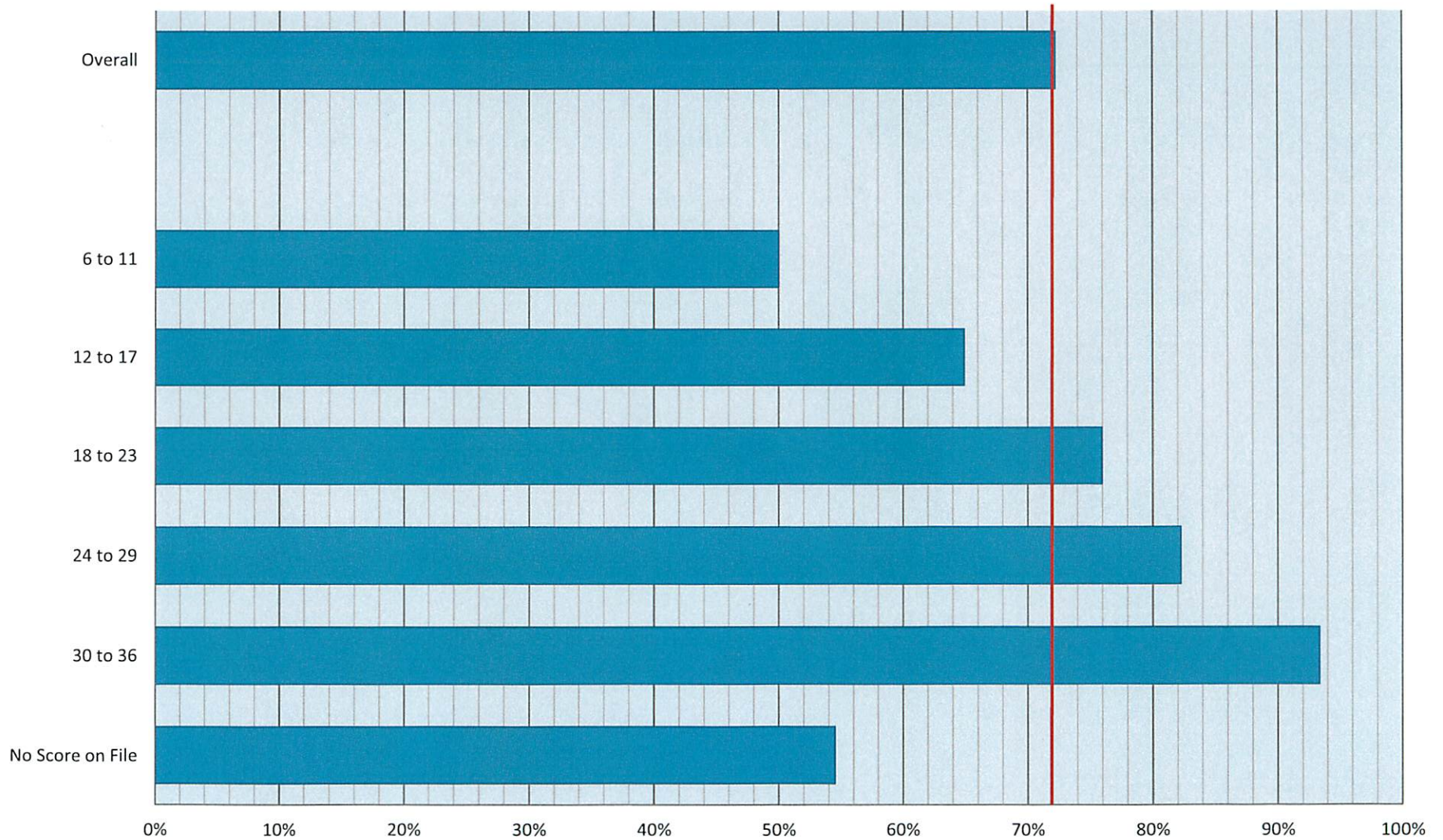
Youngstown State University
2014 First-Time Undergraduate Degree Seeking
Fall-to-Fall Persistence Rates
by Fall 2014 End-of-Term Academic Standing

**Overall
2020 Goal = 72%**

Youngstown State University
2014 First-Time Undergraduate Degree Seeking
Fall-to-Fall Persistence Rates
by ACT Composite Score Range

**Overall
2020 Goal = 72%**

Horizontal bar chart showing Fall-to-Fall persistence rates by ACT Composite Score Range:
- Overall: ~72%
- 6 to 11: ~50%
- 12 to 17: ~65%
- 18 to 23: ~76%
- 24 to 29: ~82%
- 30 to 36: ~93%
- No Score on File: ~54%

X-axis: 0% to 100% (red goal line at ~72%)

Prepared by: Becky Geltz, Institutional Research, 4/19/2016

Youngstown State University
2014 All Undergraduate Degree Seeking Students
Fall-to-Fall Persistence Rates
by Fall 2014 Student Rank Classification
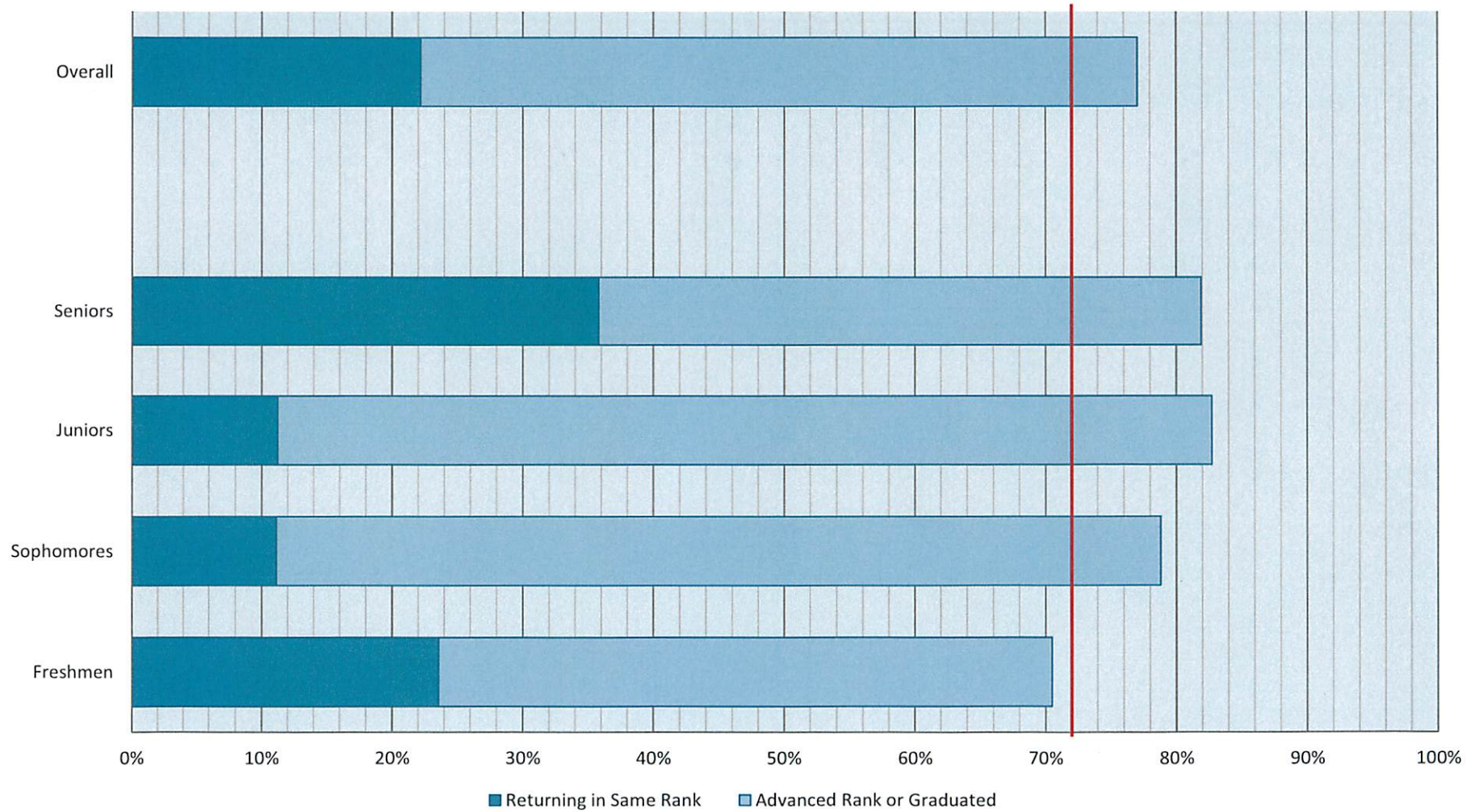
**Overall
2020 Goal = 72%**
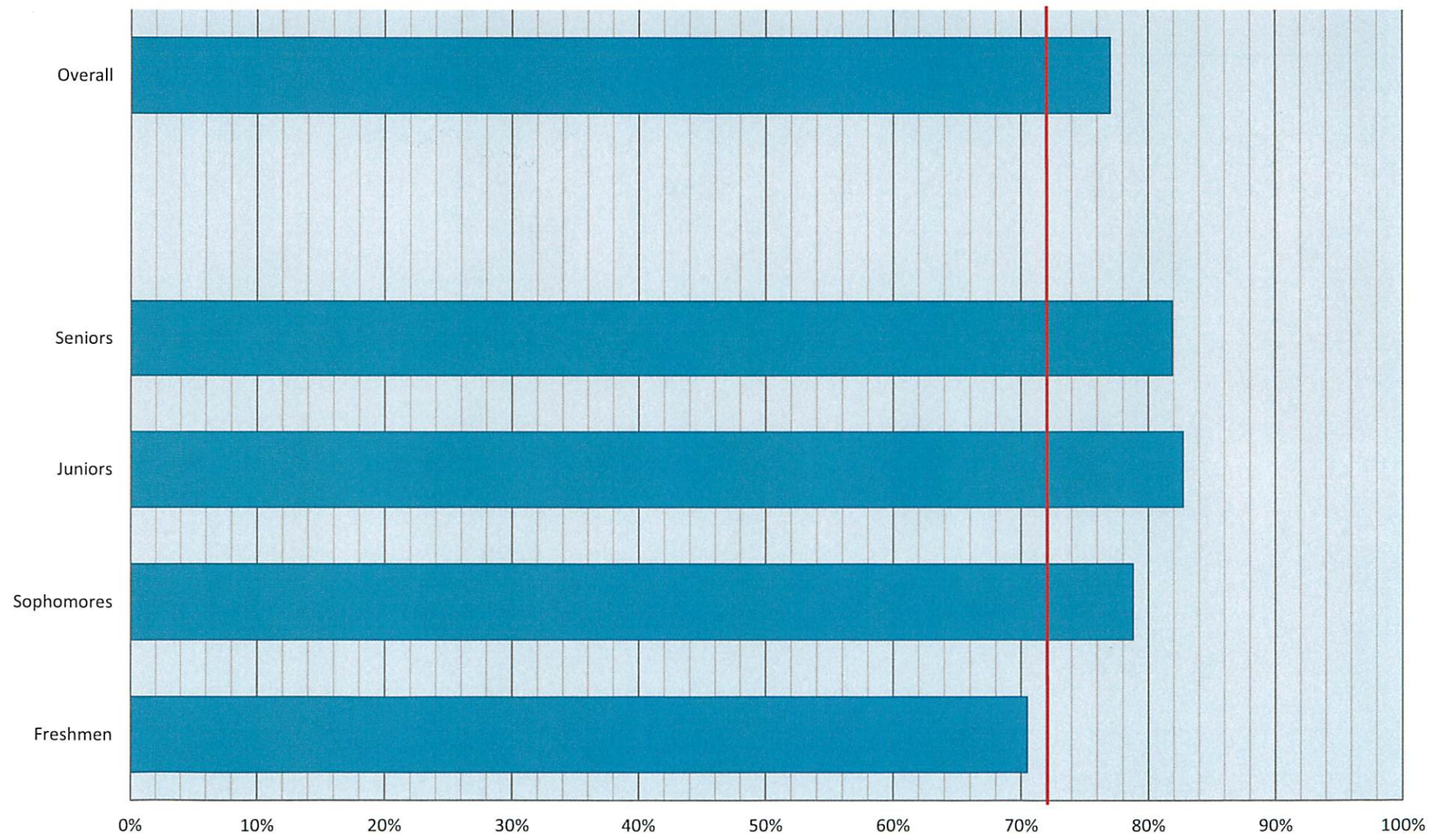
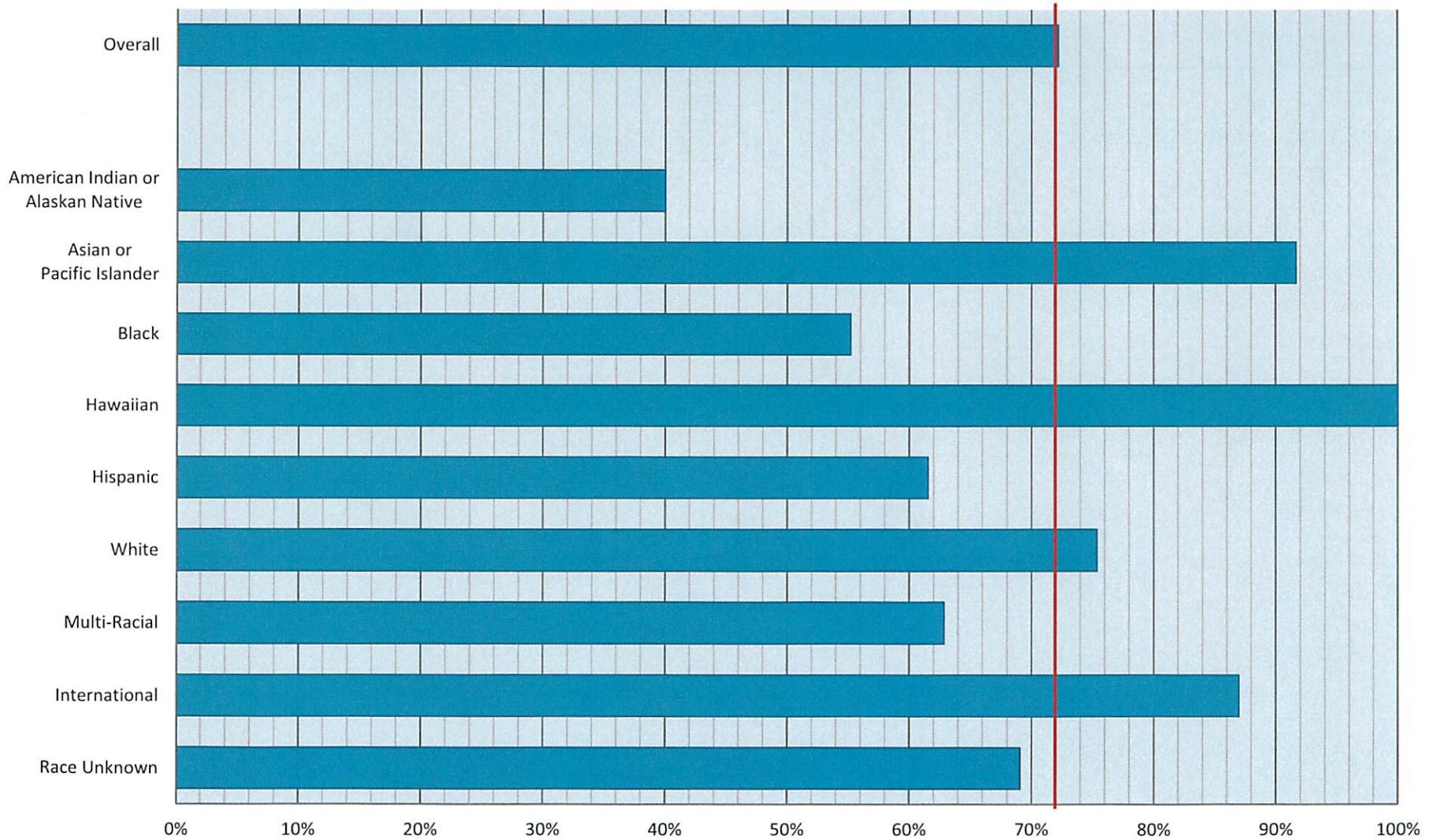# Youngstown State University
2014 All Undergraduate Degree Seeking Student
Gross Progression
Fall-to-Fall Persistence Rates
by Fall 2014 Student Rank Classification

**Overall
2020 Goal = 72%**

Legend: ■ Returning in Same Rank □ Advanced Rank or Graduated

Categories (top to bottom): Overall, Seniors, Juniors, Sophomores, Freshmen

X-axis: 0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Youngstown State University
2014 First-Time Undergraduate Degree Seeking
Fall-to-Fall Persistence Rates
by Race/Ethnicity

**Overall
2020 Goal = 72%**

Bar chart of Fall-to-Fall Persistence Rates by Race/Ethnicity. Categories (top to bottom): Overall (~72%), American Indian or Alaskan Native (~40%), Asian or Pacific Islander (~91%), Black (~55%), Hawaiian (~100%), Hispanic (~61%), White (~75%), Multi-Racial (~63%), International (~87%), Race Unknown (~69%). X-axis ranges from 0% to 100% in 10% increments. A red vertical line marks the 72% goal.

Prepared by: Becky Geltz, Institutional Research, 4/19/2016

Youngstown State University
2014 First-Time Undergraduate Degree Seeking
Fall-to-Fall Persistence Rates
by Fall 2014 YSU Student Employee

**Overall
2020 Goal = 72%**

Chart categories (top to bottom): Overall, Not a YSU Student Employee, YSU Student Employee

X-axis: 0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%

Prepared by: Becky Geltz, Institutional Research, 4/19/2016
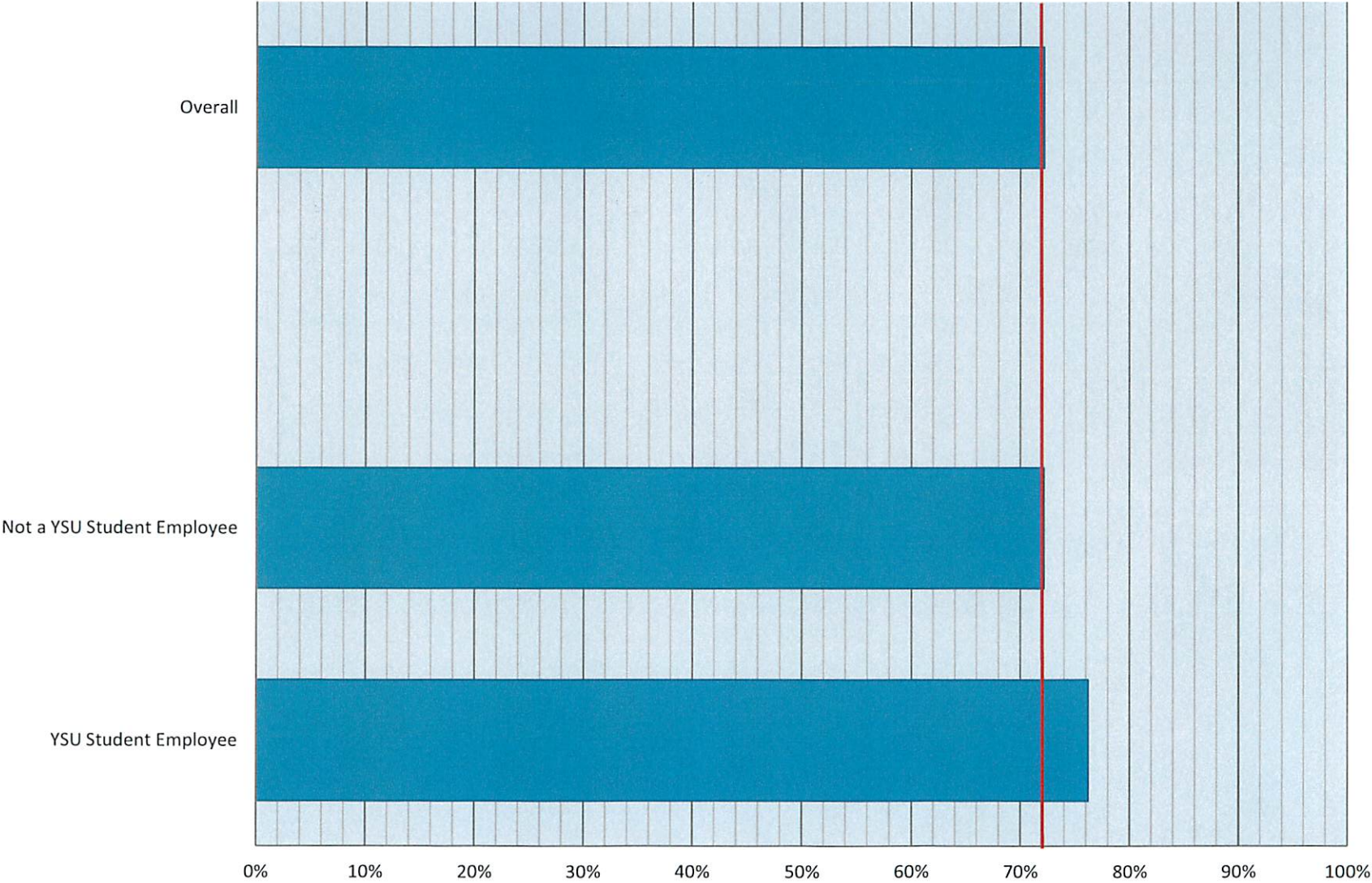
Attachment A

College of STEM - In Demand Jobs: Internships- Fall, 2014:

Major	NAICS	JobsOhio Industry	Employers	Hours worked
Industrial Engineering	3329	Advanced Manufacturing	Taylor - Winfield Technologies	345.0
Information Technology	3329	Advanced Manufacturing	Brilex Industries Inc.	325.8
Mechanical Engineering	3329	Advanced Manufacturing	Taylor - Winfield Technologies	210.0
MET	3311	Advanced Manufacturing	Vallourec, Inc.	536.6
MET	3329	Advanced Manufacturing	Taylor - Winfield Technologies	487.8
MET	3329	Advanced Manufacturing	Taylor - Winfield Technologies	596.3
Chemical Engineering	3345	Aerospace & Aviation	ABB Inc.	656.0
Industrial Engineering	5417	Advanced Manufacturing	America Makes	328.0
Industrial Engineering	2371	Energy	Valley Electrical Consolidated	137.0
Information Technology	3118	Food Processing	Schwebel's Baking Company	459.6
Information Technology	3119	Food Processing	John Zidian	398.1
Computer Science	5415	Information Technology	Empyra	276.0
Information Technology	5182	Information Technology	DRS LLC	383.8
Information Technology	5415	Information Technology	Intellitech Corporation	401.5

College of STEM - In Demand Jobs: Internships, Spring, 2014:

Major	NAICS	JobsOhio Industry	Employers	Hours worked
Mechanical Engineering	3339	Advanced Manufacturing	Simmers Crane	377.0
Mechanical Engineering	3339	Advanced Manufacturing	Simmers Crane	639.8
Chemical Engineering	3351	Advanced Manufacturing	GE Lighting	429.0
Electrical Engineering	3351	Advanced Manufacturing	GE Lighting	617.0
Industrial Engineering	3321	Advanced Manufacturing	Commercial Metal Forming	474.0
Mechanical Engineering	3322	Advanced Manufacturing	The M.K. Morse Company	472.0
Electrical Engineering	3345	Aerospace & Aviation	ABB Inc.	447.0
Electrical Engineering	3345	Aerospace & Aviation	ABB Inc.	539.0
Mechanical Engineering	2211	Energy	Bruce and Merrilees	540.5
Mechanical Engineering	2211	Energy	Bruce and Merrilees	449.5
Electrical Engineering	2211	Energy	FirstEnergy Corporation	496.0
Mechanical Engineering	2211	Energy	FirstEnergy Corporation	428.0
Information Technology	5112	Information Technology	Turning Technologies	308.3
Civil Engineering	5112	Information Technology	Learning Egg LLC	457.3
CSIS	5112	Information Technology	Infinite Synergy	392.0
Information Technology	5191	Information Technology	GBS Corp	413.0
Environmental Studies	3252	Shale Energy and Petrochemical	Goodyear Tire	593.0
Chemistry	3259	Shale Energy and Petrochemical	Lubrizol	458.5

College of STEM - In Demand Jobs: Internships, Fall, 2015

Major	NAICS	JobsOhio Industry	Employers	Hours worked
Computer & Information System	3339	Advanced Manufacturing	Brilex Tech industries	653.7
Industrial and Systems Engineering	3354	Advanced Manufacturing	Extrudex Aluminum	192.3
Electrical Engineering	333992	Advanced Manufacturing	Taylor - Winfield Technologies	320.0
Mechanical Engineering	333992	Advanced Manufacturing	Taylor - Winfield Technologies	351.0
Industrial & System Engineering	333992	Advanced Manufacturing	Taylor - Winfield Technologies	597.0
Industrial & Systems Engineering	333992	Advanced Manufacturing	Taylor - Winfield Technologies	190.0
Industrial Engineering	3352	Advanced Manufacturing	Whirlpool	720.0
Electrical Engineering	541512-13	Advanced Manufacturing	Rovisys Building Technologies	N/A
Electrical Engineering	3345	Aerospace	ABB	651.0
Chemical Engineering	3363	Automotive	Delphi	232.0
Mechanical Engineering	336212	Automotive	MAC Trailer	217.2
Mechanical Engineering Technology	3362121	Automotive	MAC Trailer	459.1
Mechanical Engineering	332722	Automotive	PSM International	400.0
Chemical Engineering	5416	Business	Applied Systems & Technology Transfer	186.0
Information Technology	5191	Information Technology	GBS Corp	595.0

College of STEM - In Demand Jobs: Internships, Fall, 2015

Continued

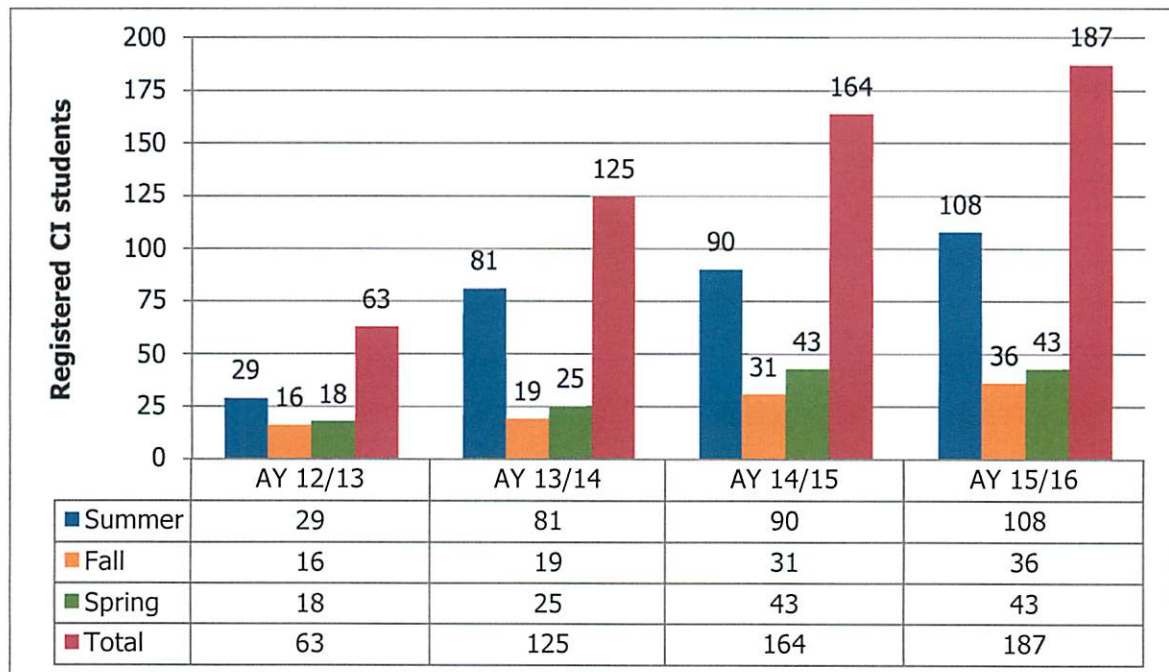| Major	NAICS	JobsOhio Industry	Employers	Hours worked
Computer Information Systems	5112	Information Technology	Turning Technologies	231.8
Information Technology	5112	Information Technology	Turning Technologies	161.3
Computer Information Systems	5191	Information Technology	GBS Corp	426.4
Chemical Engineering	3262	Shale Energy and Petrochemical	Gold Key Processing Inc.	675.8
Chemical Engineering	3262	Shale Energy and Petrochemical	Gold Key Processing Inc.	670.8
Mechanical Engineering	32612101	Shale Energy and Petrochemical	Mercury Plastic Inc.	N/A

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College of STEM - In Demand Jobs: Internships, Spring, 2015

Major	NAICS	JobsOhio Industry	Employers	Hours worked
Electrical Engineering	3372	Advanced Manufacturing	Gasser Chair Company Inc.	128.0
Electrical Engineering	3351	Advanced Manufacturing	GE Lighting	548.0
CSIS	3353	Advanced Manufacturing	Laird Technologies	504.7
Information Technology	3311	Advanced Manufacturing	Liberty Steel	450.0
Electrical Engineering	3353	Advanced Manufacturing	Rockwell Automation	480.0
Electrical Engineering	3329	Advanced Manufacturing	Roth Bros.	394.5
Mechanical Engineering	3328	Advanced Manufacturing	Treemen Industries	505.3
Electrical Engineering	3345	Aerospace & Aviation	ABB Inc.	563.0
Chemical Engineering	3345	Aerospace & Aviation	ABB Inc.	474.5
Electrical Engineering	3361	Automotive	General Motors Lordstown	358.5
Mechanical Engineering	3362	Automotive	MAC Trailer	453.4
Civil Engineering	5413	Business	ACA Engineering	388.0
Civil Engineering	5413	Business	Kohli & Kaliher Associates, Inc.	425.5
Environmental Studies	5416	Business	Lennon, Smith, Souleret Engineering, Inc.	408.0
CIS	5416	Business	SenSource, Inc.	381.0
Civil Engineering	5416	Business	GPD Group	277.0
Information Technology	2211	Energy	FirstEnergy Corporation	504.0
Information Technology	2371	Shale Energy and Petrochemical	Valley Electrical Consolidated	296.0
CIS	2371	Energy	Youngstown Computer	231.5
CIS	5191	Information Technology	GBS Corp	496.0
Mathematics	5415	Information Technology	Intellitech Corporation	392.5
Information Technology	5182	Information Technology	Involta	420.0
Computer Science	5112	Information Technology	Turning Technologies	356.8
Mechanical Engineering	3261	Shale Energy and Petrochemical	Molded Fiber Glass Company	560.2
Chemical Engineering	3261	Shale Energy and Petrochemical	PlastiPak	431.7

STEM Experiential Learning Report, Summer 2015 through Spring 2016

History

The College of STEM began formally tracking registered interns and co-ops (CI) since Summer 2012. Though there was experiential learning activity before that time, it was not adequately tracked.

Since the formal launch of STEM Professional Services, the number of registered CIs per academic year has nearly tripled.

	AY 12/13	AY 13/14	AY 14/15	AY 15/16
■ Summer	29	81	90	108
■ Fall	16	19	31	36
■ Spring	18	25	43	43
■ Total	63	125	164	187

Majors

Undergraduate CIs

Major[1]	AY 15/16	X12-S16
Science	**15**	**56**
Biology	2	4
Chemistry	0	4
Environmental Studies	11	44
Geology	2	4
Technology	**47**	**154**
Computer Information Systems	8	18
Computer Science	11	25
Information Technology	28	111
Engineering	**101**	**266**
Chemical Engineering	26	61
Civil Engineering	8	25
Electrical Engineering	28	61
Industrial & Systems Engineering	8	37
Mechanical Engineering	31	82
Engineering Technology	**5**	**25**
Civil & Construction Engineering Technology	1	6
Drafting & Design Technology	1	1
Electrical Engineering Technology	0	1
Mechanical Engineering Technology	3	17
Mathematics	**3**	**6**

Graduate CIs

Major	AY 15/16	X12-S16
Science	**0**	**4**
Environmental Studies	0	3
Materials Science	0	1
Technology	**15**	**23**
Computing & Information Systems	15	23
Engineering	**0**	**4**
Electrical Engineering	0	1
Industrial & Systems Engineering	0	2
Mechanical Engineering	0	1
Mathematics	**1**	**1**

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[1] Students with more than one major were counted within the major of their CI transcription course

Wages

Unpaid Interns

During AY 15/16, seven interns received no wages. Of these, only two were at for-profit employers. This represents a significant decline from the following year, which had 16 unpaid CIs, four of whom were at for-profit employers.

Wages of Paid CIs

Please note that for some programs the average wage is distorted due to too few students in a program.

Undergraduate, Average Hourly Wage

Major	AY 15/16	X12-S16
Science	**10.74**	**11.03**
Biology	9.50	11.50
Chemistry	-	15.86
Environmental Studies	11.14	10.51
Geology	9.75	11.38
Technology	**12.37**	**11.79**
Computer Information Systems	14.75	13.06
Computer Science	12.36	13.06
Information Technology	11.69	11.30
Engineering	**15.86**	**16.22**
Chemical Engineering	16.61	17.29
Civil Engineering	14.00	13.47
Electrical Engineering	18.20	17.45
Industrial & Systems Engineering	15.00	15.94
Mechanical Engineering	13.82	15.46
Engineering Technology	**13.60**	**14.42**
Civil & Construction Engineering Technology	14.00	14.67
Drafting & Design Technology	10.00	10.00
Electrical Engineering Technology	-	15.00
Mechanical Engineering Technology	14.67	14.59
Mathematics	**13.00**	**12.83**
All Majors	**14.46**	**14.44**

Graduate, Average Hourly Wage

Major	AY 15/16	X12-S16
Science	-	**27.21**
Environmental Studies	-	25.88
Materials Science	-	31.20
Technology	**16.75**	**18.10**
Computing & Information Systems	16.75	18.10
Engineering	-	**14.33**
Electrical Engineering	-	14.00
Industrial & Systems Engineering	-	14.50
Mechanical Engineering	-	*missing*
Mathematics	**20.00**	**20.00**
All Majors	**16.98**	**18.79**

Employers

As the number of CIs has grown, so has the number of employer hiring. The below chart demonstrates the growth of individual employers[2] over time.

Count of CI Employers

- AY 12/13: 60
- AY 13/14: 83
- AY 14/15: 113
- AY 15/16: 142

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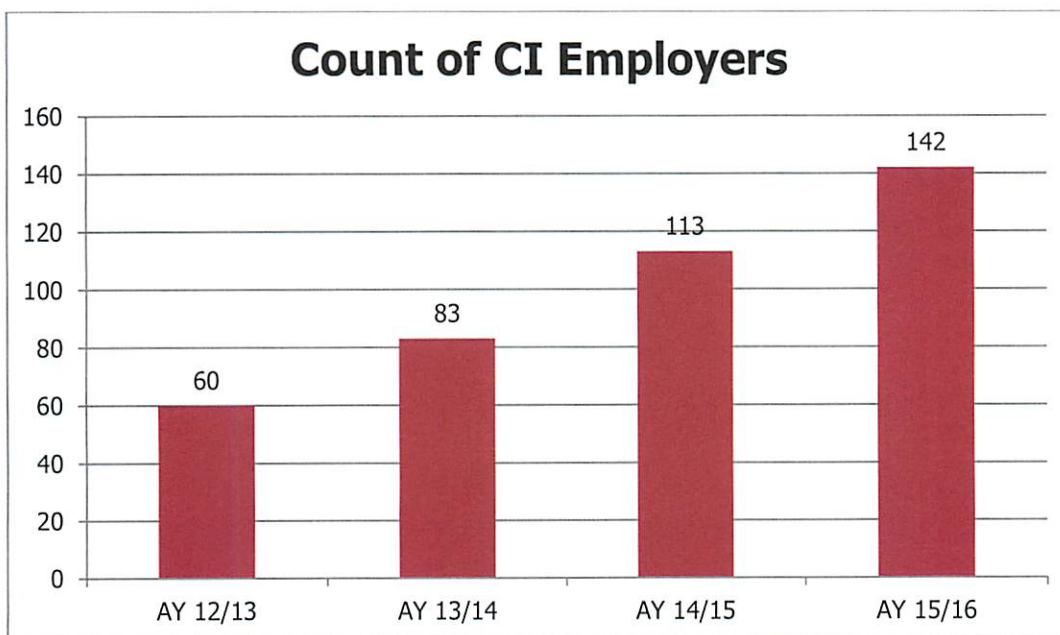
[2] This chart counts two departments at the same location as 1 employer, whereas the below list specifies varying departments, if possible. This mostly effects interns at YSU.

During AY 15/16, registered CIs were employed at the following sites.

ABB Inc.
ACA Engineering
Ajax Tocco Magnethermic
Applied Systems and Technology Transfer
AVCO Consulting, Inc.
Boardman Local Schools
Boardman Steel Inc.
Brilex Group; Brilex Tech Services, Inc.
Brilex Group; Taylor-Winfield Technologies
Butler Technologies
Cafaro Company
Catullo Prime Meats
Columbia Gas
Commercial Metal Forming
Cuyahoga County Board of Health
Day Environmental
Delphi
Digital Ninjas IT Solutions
Dimension Consulting
Drund
Environmental Design Group
Erie Insurance
Extrudex Aluminum, Inc.
FirstEnergy Corporation
Flashstarts, Inc.
Flowline
Gasser Chair Company Inc.
GBS Corp
GE Lighting
GE Transportation
General Motors
Gerhart Engineering
GLI Pool Products
Gold Key Processing, Inc.
GPD Group
Great Basin Institute
Greenwood Chevrolet
Harley-Davidson Motor Company
Ibeam Technologies
IDMI.NET

Innovar Systems
Intellitech Corporation
Involta
IT America Inc
JMC Steel Group; Sharon Tube
Johnson Matthey Process Tech, Inc.
Kohli & Kaliher Associates, Inc.
Laird Technologies
Lennon, Smith, Souleret Engineering, Inc.
Liberty Steel Products, Inc.
M.K. Morse
MAC Manufacturing, Inc.
Magical Computing
Mahoning County Sanitary Engineers
Mercury Plastics
MGI Computers
Miller Industries Towing Equipment, Inc.
Molded Fiber Glass Company
Morgan Engineering
National Park Service
Naval Sea Systems Command
Nellcom Technologies
NEOMed
Northwestern Mutual
Novelis
Nucor Corporation; American Buildings Group
Nucor Corporation; Nucor Building Systems
Oak Hill Collaborative
Ohio Department of Natural Resources
Ohio Department of Transportation; D4
Ohio EPA; Dayton
Ohio EPA; Twinsburg
PlastiPak
Poland Local Schools
Power Tool and Supply
Printing 3D Parts, Inc
Professional Software Consulting Services
PSM International
Quaker City Castings

Raccoon Creek State Park
Raytheon Missile Systems
Red Hat, Inc.
Resco Products Inc
Richardson Cooling Packages
Rockwell Automation
Roth Bros.
Rovisys Building Technologies
Saint Gobain
Schedulytics
SenSource, Inc.
Simon Roofing and Sheet Metal
Steelcon
Texas Water Utilities Department
The Counseling Center of Lisbon
Goodyear Tire & Rubber Company
Reserves Network
Youngstown Vindicator Printing Co.
Treemen Industries
Turner Construction Company
Turning Technologies
Union Metal Corporation
Valley Office Solutions
VEC, Inc.
via680, LLC.
Vintech Solutions
VMH International
Wallace & Pancher
Walt Disney Company
Whirlpool
Winner Aviation
Xerox
Youngstown Computer
Youngstown State University; MAC
Youngstown State University; EOHS
Youngstown State University; Math & Stats
Department
yourSBA.com

Williamson College of Business Administration students enrolled in Internship Courses (by Major)

	Accounting	Fin/Econ	Management	Marketing	ICP	Total
2014-15 Totals						
Internships	31	11	15	26	1	84
Graduates	77	25	79	51	6	238
% of graduates with at least on internship	40.3%	44%	19.0%	51.0%	16.7%	35.3%
2013-14 Totals						
Internships	26	5	18	26	1	76
Graduates	65	26	62	53	5	211
% of graduates with at least on internship	40.0%	19.2%	29.0%	49.1%	20.0%	36.0%
2012-2013 Totals						
Internships	22	5	15	14	2	58
Graduates	78	29	69	43	2	221
% of graduates with at least on internship course	28.8%	17.2%	21.7%	32.6%	100.0%	26.2%
2011-2012 Totals						
Internships	19	3	17	19	1	59
Graduates	66	24	86	50	3	226
% of graduates with at least on internship course	28.8%	14.3%	19.8%	38.0%	33.3%	26.1%
2010-2011 Totals						
Internships	30	3	17	28	0	78
Graduates	81	23	82	61	1	248
% of graduates with at least on internship course	37.0%	13.0%	20.7%	45.9%	0	31.5%
2009-2010 Totals						
Internships	23	3	23	19	0	68
Graduates	88	21	83	53	0	247
% of graduates with at least on internship course	26.1%	14.3%	27.7%	35.9%	0	27.5%
2008-2009 Totals						
Internships	22	5	15	14	2	58
Graduates	78	29	69	43	2	221
% of graduates with at least on internship course	28.8%	17.2%	21.7%	32.6%	100.0%	26.2%
2007-2008 Totals						
Internships	16	10	15	27	1	69
Graduates	53	28	62	63	9	215
% of graduates with at least on internship course	30.2%	35.7%	24.9%	42.9%	11.0%	32.1%
2006-2007 Totals						
Internships	18	8	8	32	0	66
Graduates	60	36	70	68	5	239
% of graduates with at least on internship course	30.0%	22.2%	11.4%	47.1%	0%	27.6%
2005-2006 Totals						
Internships	30	9	14	30	0	83
Graduates	71	28	74	79	1	253
% of graduates with at least on internship course	42.2%	32.1%	18.9%	37.97%	0%	32.8%
2004-2005 Totals						
Internships	30	7	18	40	0	95
Graduates	65	33	80	93	4	276
% of graduates with at least on internship course	46.2%	21.2%	22.5%	43.0%	0%	34.4%
2003-2004 Totals						
Internships	41	10	7	35	0	93
Graduates	58	42	74	82	1	257
% of graduates with at least on internship course	70.7%	23.8%	9.5%	42.7%	0%	36.2%
2002-2003 Totals						
Internships	33	11	24	26	0	94
Graduates	56	43	99	67	6	271
% of graduates with at least on internship course	58.9%	25.6%	24.2%	38.8%	0%	34.7%
2001-2002 Totals						
Internships	58	10	17	28	0	113
Graduates	83	34	76	68	4	265
% of graduates with at least on internship course	70%	29%	22%	41%	0%	42.6%
2000-2001 Totals						
Internships	19	10	18	26	1	74
Graduates	57	35	57	56	3	208
% of graduates with at least on internship course	33%	29%	32%	46%	33%	36%
1999-2000 Totals						
Internships	25	5	16	45	0	91
Graduates	79	30	75	69	0	253
% of graduates with at least on internship course	32%	17%	21%	65%	0%	36%

Williamson College of Business Administration Internships

Summer 2014 WCBA Business Internships

Internship Type	# of Students	Average Hourly Wage	Minimum Rate	Maximum Rate	Unpaid	Stipend	Bonus/Comm
Accounting	14	$10.70	$7.95	$17.00	0	0	-
Business Administration/Managemen	5	$10.40	$8.00	$13.00	0	0	-
Economics*	1	-	-	-	-	-	-
Entrepreneurship	0	-	-	-	-	-	-
Finance	3	$8.97	$7.95	$10.00	0	1	-
Human Resource Management	4	$11.00	$10.00	$14.00	0	0	-
Management Information Systems	1	$22.00	$22.00	$22.00	0	0	-
Marketing/Sales/Advertising/PR	19	$10.69	$7.95	$16.50	0	3	-
Non-Profit Leadership	0	-	-	-	-	-	-
MBA*							
Overall Total	46	$10.88	$7.95	$22.00	0	4	-

* Wage data was not reported for Economics and MBA internships

Fall 2014 WCBA Business Internships

Internship Type	# of Students	Average Hourly Wage	Minimum Rate	Maximum Rate	Unpaid	Stipend	Bonus/Comm
Accounting	6	$11.08	$10.00	$15.75	0	0	-
Business Administration/Managemen	1	$12.00	$12.00	$12.00	0	0	-
Economics*	1	-	-	-	-	-	-
Entrepreneurship	2	$10.00	$10.00	$10.00	0	0	-
Finance	4	$10.50	$9.00	$12.00	0	2	-
Human Resource Management	2	$14.87	$14.00	$15.75	0	0	-
Management Information Systems	0	-	-	-	-	-	-
Marketing/Sales/Advertising/PR	19	$11.09	$7.95	$17.50	0	2	-
Non-Profit Leadership	0	-	-	-	-	-	-
MBA*	1	-	-	-	-	-	-
Overall Total	33	$11.35	$7.95	$17.50	0	4	-

* Wage data was not reported for Economics and MBA internships
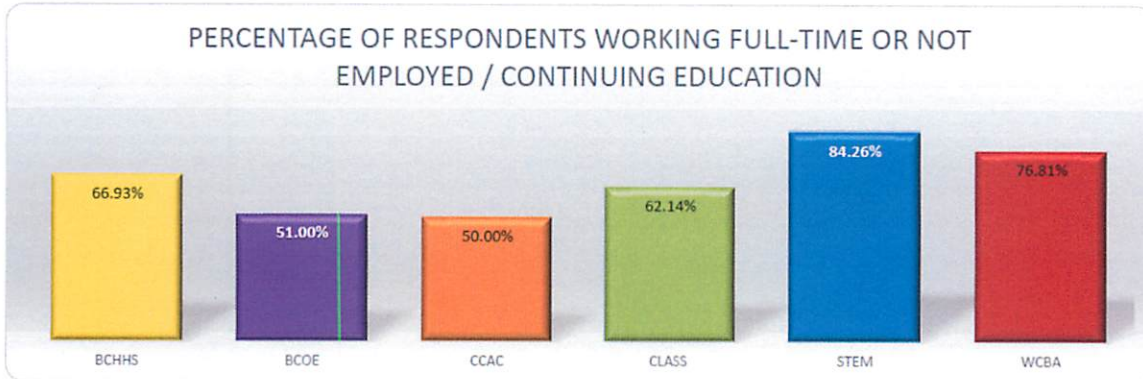
Spring 2015 WCBA Business Internships

Internship Type	# of Students	Average Hourly Wage	Minimum Rate	Maximum Rate	Unpaid	Stipend	Bonus/Comm
Accounting	25	$15.21	$8.25	$22.00	0	0	-
Business Administration/Managemen	0	-	-	-	-	-	-
Economics*	0						
Entrepreneurship	2	$10.00	$10.00	$10.00	0	0	-
Finance	4	$11.50	$8.00	$15.00	0	1	-
Human Resource Management	1	$10.00	$10.00	$10.00	0	0	-
Management Information Systems	0	-	-	-	-	-	-
Marketing/Sales/Advertising/PR	29	$9.57	$7.95	$10.00	0	1	-
Non-Profit Leadership w/o Marketing	1	$10.00	$10.00	$10.00	0	0	-
Non-Profit Leadership**	10	$10.00	$10.00	$10.00	0	0	-
MBA*	2	-	-	-	-	-	-
Overall Total	63	$11.71	$7.95	$22.00	0	2	-

* Wage data was not reported for Economics and MBA internships

Highlights of the 2014-2015 University Outcome Report

UNDERGRADUATES EMPLOYED FULL-TIME OR
NOT EMPLOYED / CONTINUING EDUCATION

PERCENTAGE OF RESPONDENTS WORKING FULL-TIME OR NOT
EMPLOYED / CONTINUING EDUCATION

	BCHHS	BCOE	CCAC	CLASS	STEM	WCBA
	66.93%	51.00%	50.00%	62.14%	84.26%	76.81%

COLLEGE	TOTAL NUMBER OF RESPONDENTS PER COLLEGE	TOTAL # OF RESPONDENTS WORKING FULL-TIME OR NOT EMPLOYED / CONTINUING EDUCATION	% OF RESPONDENTS WORKING FULL-TIME OR NOT EMPLOYED / CONTINUING EDUCATION
BCHHS	254	170	66.93%
BCOE	100	51	51.00%
CCAC	54	27	50.00%
CLASS	140	87	62.14%
STEM	235	198	84.26%
WCBA	138	106	76.81%
TOTAL	921	639	69.46%

SALARIES OF YSU UNDERGRADUATES EMPLOYED FULL-TIME:

- 35.7% reported annual salaries of over $50,000
- 13.473% reported salaries of $40,000 - $49,000
- 15.078% reported salaries of $30,000 - $39,999
- 16.1% reported salaries of $20,000 - $29,999
- 4.1% reported salaries of less than $20,000
- 32.8% of the respondents employed full-time did not provide salary information

GRADUATES PURSUING ADDITIONAL EDUCATION:

- A total of 172 undergraduate respondents, (18.6%) reported that they were pursuing additional education at 45 different academic institutions.

References for Student Characteristics

Pell Grants: YSU Office of Financial Aid and Scholarships, Dashboard
http://web.ysu.edu/gen/ysu_generated_bin/documents/basic_module/Financial_Aid_Dashboa
rd_07_23_13.pdf. The value was for the 2012-13 academic year

Remedial Coursework: Ohio Board of Regents, "Percent of First-Year Students Taking Remedial
Coursework FY 2010", July 2011 https://www.ohiohighered.org/files/uploads/data/statistical-
profiles/preparation/rem_by_age_FY10_rev_07-29-11.pdf

Attending Part-Time: Calculated from data on the Institutional Research website for Fall 2013,
http://web.ysu.edu/gen/ysu_generated_bin/documents/basic_module/Fall_2013_Credit_Hour
_Load__Residency.pdf

First Generation: Ohio Board of Regents, "Undergraduate and Graduate Student Diversity, Fall
2012", https://www.ohiohighered.org/files/uploads/data/statistical-
profiles/enrollment/Diversity%20Report%20Fall%202010.pdf

ACT Composite Score: Fall 2013, calculated by Institutional Research

High School GPA: Fall 2013, calculated by Institutional Research

GED Recipients: Institutional Research, Fall 2013
http://web.ysu.edu/gen/ysu_generated_bin/documents/basic_module/20092013_University_
Total_Feeder_HS.pdf

Sources for Persistence Risk Factors As Applied to YSU Students

Lower Socioeconomic Class: 2014-2015, calculated by Elaine Ruse, Financial Aid.

Being Academically Underprepared: Calculated by Institutional Research using ODHE, HEI CN,
SN, and SE data submissions for fall 2011, 2012, 2013, and 2014.

Having a Disability: Fall 2015, calculated by Gina McGranahan, Disability Services.

Working More Than Half-Time: Calculated by Institutional Research using 2013 NSSE as a
proxy for all student employment (dataset consists of freshmen and seniors).

Being a Commuter Student: Fall 2015, calculated by Institutional Research using preliminary
14th day dataset.

Going to School Part-Time: Fall 2015, calculated by Institutional Research using preliminary 14th day dataset.

Being a First-Generation College Student: Fall 2014, calculated by Institutional Research using ODHE *Youngstown State University Progress and Completion Reports.*

Receive a Pell Grant: 2014-2015, calculated by Elaine Ruse, Financial Aid.

Coming From an Underrepresented Population: Fall 2015, calculated by Institutional Research using preliminary 14th day dataset.

Conditionally Admitted: Fall 2014, calculated by Institutional Research using ODHE, HEI CN, SN, and SE data submissions.

Adult Learners: Fall 2014, calculated by Institutional Research using preliminary 14th day dataset.

Findings of Academic Senate Program Review Committee, 2015-2016

Academic Senate Program Review Committee Members:

Corey E. Andrews (coordinator), Jane Beese (BCOE), Rebecca M. Curnalia (CCAC), Kin P. Moy (STEM), William G. Vendemia (WCBA), Albert J. Sumell (CLASS), Patricia Hoyson (HHS), Ernest M. Barket (student)

Process of Program Review:

This year marked the beginning of a new formalized process of program review. All academic programs on campus submitted either an abbreviated program review or a full program review. 20% of all academic programs were self-selected by College Deans to undergo full program review. The process for both abbreviated and full program review was explained in the Program Review Handbook, which included specific categories for review as well as a rubric that was used in the evaluation process. In addition, data concerning programs' enrollment, retention, and associated categories was provided for program coordinators; training sessions on the use and interpretation of this data were also made available.

22 Full Program Reviews Evaluated:

1. BSE Early Childhood (BCOE)
2. BA Communication Studies (CCAC)
3. BA Music—Music History, Music Theory, Applied Music (CCAC)
4. BFA Musical Theater (CCAC)
5. BA Long-Term Care (CLASS)
6. BA Professional and Technical Writing (CLASS)
7. BA Psychology (CLASS)
8. BGS General Studies (CLASS)
9. AAS Dietetic Technician Human Ecology (HHS)
10. AAS Emergency Medical Services Health Professions (HHS)
11. BSAS Coordinated program in Dietetics Human Ecology (HHS)
12. BSAS Didactic Program in Human Ecology (HHS)
13. BSW Social Work (HHS)
14. CER Emergency Medical Services Health Professions (HHS)
15. BA Chemistry (STEM)
16. BS Chemistry (STEM)
17. BS Biochemistry (STEM)
18. BE Industrial Engineering (STEM)
19. BE Mechanical Engineering (STEM)
20. BSBA Accounting (WCBA)
21. BSBA Advertising and Public Relations (WCBA)
22. BSBA Marketing Management (WCBA)

Program Reviews Approved / Not Approved:

All program reviews were approved with the exception of the following: BE Industrial Engineering, BSAS Coordinated Program in Dietetics Human Ecology, BS Biochemistry, BFA Musical Theater, and BA Long-Term Care. Coordinators for these programs will be required to revise and resubmit these program reviews on a time-line to be determined.

Please note that program reviews were approved or not approved solely on the basis of the review itself; no judgement of a program's quality was made by reviewers, but rather the quality of the reviews that were submitted was assessed. In some cases, the reviews were incomplete or lacked data; in others, coordinators did not follow the program review guidelines in writing the review. Feedback from all committees on the full program reviews will archived online and made accessible to faculty.

Overall Success of Program Review:

Program review approval rate for this first round was 77% (17/22). All program reviews underwent three stages of evaluation: College level, University level, and Academic Senate Program Review Committee level. In addition, all abbreviated program reviews were evaluated at the College level. In sum, 75 abbreviated and full programs were submitted for this first round of evaluation.

RECOMMENDATIONS

Recommendations for Program Coordinators Concerning Program Review:

1. Program reviews need to provide evidence (such as enrollment and retention data) to substantiate claims about both program quality and program needs; data was provided for all program coordinators. In several cases this data was not utilized in the program reviews.

2. Program reviews need to present plausible solutions to existing problems within the program, especially concerning allocation of present and future resources. Program reviews need to offer constructive plans for the resolution of existing problems that can be addressed at the program level.

3. Programs need to be aligned more clearly and explicitly to university mission and strategic goals, as well as provide greater evidence of engagement at the local, national, and / or global levels. Program outcomes also need to be directly tied to achievement of these goals at the program level.

4. Program effectiveness needs to be more clearly stated and explained; in addition, explicit action steps with specific details on implementation need to be provided. These action steps should also be able to be implemented in a reasonable timeline.

5. Program coordinators need to improve outreach to alumni for tracking, job placement, and program quality data. Establishing such ties with alumni should enable a stronger and more coherent evaluation of program effectiveness in general.

6. Programs which are requesting resources for growth and development need to provide specific costs for their implementation; in addition, programs need to present proposals that substantiate the need for resources. Faculty and facilities may be considered as resource requests in this respect.

7. Programs need to provide a clearly defined evaluative process to assess program outcomes. Improved methods and / or strategies for determining student success in meeting these outcomes need to be clearly stated and capable of effective utilization.

Recommendations for University / Administration Concerning Program Review:

1. The University and Administration need to develop a protocol for resource requests; programs that need facilities and faculty as resources for growth and development require a clearly-defined process to initiate and maintain their requests.

2. Resources for program maintenance (especially as they impact enrollment) need to be provided by the University and Administration, particularly regarding a program's need to maintain adequate quality control standards.

3. The University and Administration need to aid program coordinators with tracking alumni to gain data on job placement and program quality. Outreach to alumni needs to extend beyond the program level; with greater institutional aid, better data may be gathered to evaluate a program's overall effectiveness for its graduates.

4. The University and Administration should be responsible for ensuring ADA compliance, not individual faculty or programs; all programs need institutional resources and support in order to meet the demands for ADA compliance.

Recommendations about the Overall Process of Program Review:

1. The program review process will take place over two semesters beginning in the fall 2016 semester; this will involve earlier deadlines for submission of program reviews, but it will also allow for more time for their composition and evaluation.

2. Data for analysis will be provided earlier in the process for program coordinators; in addition, training sessions on data usage will be offered over a longer period.

3. The entire program review process will be evaluated before its next implementation in the fall 2016 semester, with attention to feedback on the current model's strengths and areas for improvement.