



Data Overview Presentation III

Complete College OCCC

Office of Institutional Effectiveness

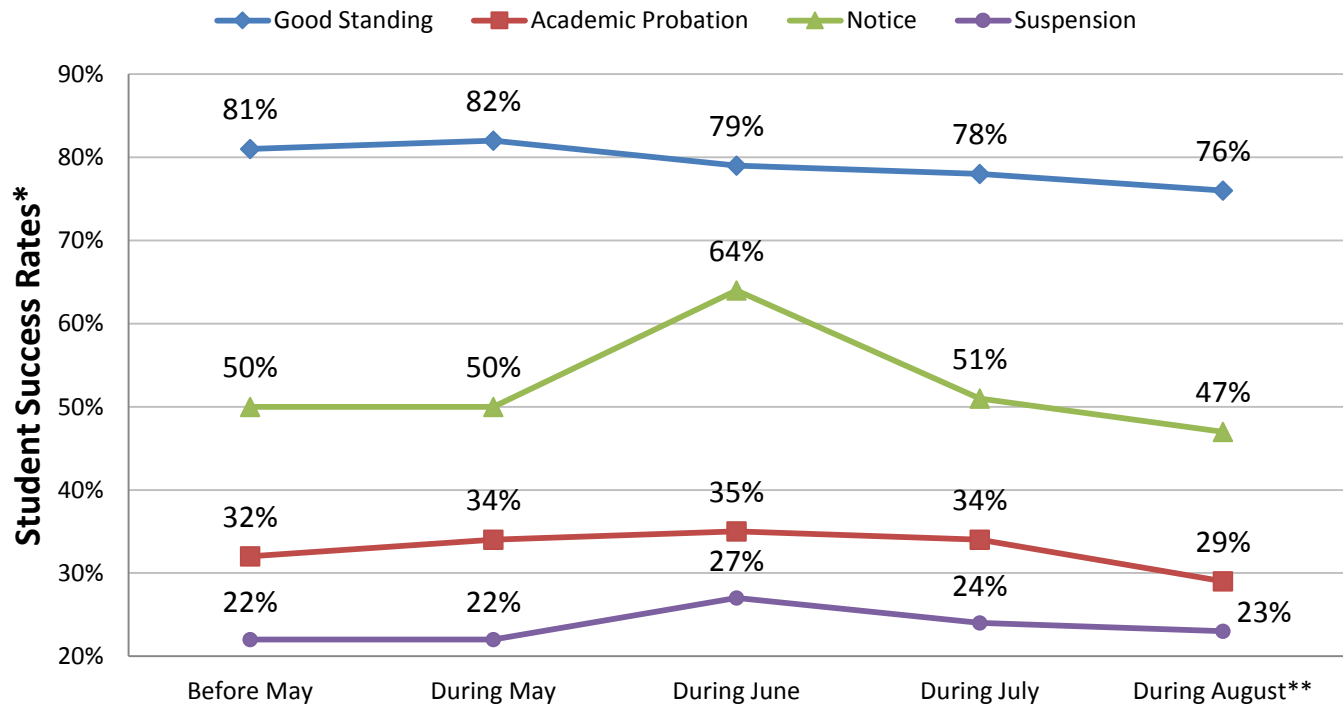
October 31, 2012

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One Additional Note on Success Rates

Success Rates for Student Enrollments for Fall 2011 16 Week Courses by Enrollment Month and Probationary Status



Fall 2011 – All Enrollment Terms				
Standing	Headcount	Enrollments	Average Course Load	Success Rate (Enrollments)
In Good Standing	11,347	31,474	2.8	79.9%
Notice	276	958	3.5	52.3%
Academic Probation	1,792	5,759	3.2	32.2%
Suspension Statuses	978	3,400	3.5	23.7%
Total	14,393	41,591	2.9	68.0%

* Success rates equal student enrollments that received a final grade of A, B, C, or S for the fall 2011 term.

** August enrollments only include dates up until the first day of classes for the fall 2011 term.



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OCCC, Rose State and OSU-OKC
Largest Programs (in terms of majors) by Broad Classification of Instruction
Program (CIP*) Designation
Five Year Average – Fiscal Year 2007 thru Fiscal Year 2011

Rank	OCCC Program	OCCC Five Year Average
1	Liberal Arts and Sciences, General Studies and Humanities	3,677
2	Health Professions and Related Programs	2,464
3	Business, Management, Marketing and Related Support Services	1,882
4	Physical Sciences	1,197
5	Visual and Performing Arts	613
6	Computer and Info. Sciences and Support Services	612
7	Engineering Technologies and Engineering Related Fields	568
Rank	Rose State Program	Rose Five Year Average
1	Liberal Arts and Sciences, General Studies and Humanities	3,990
2	Health Professions and Related Programs	1,861
3	Physical Sciences	1,246
4	Business, Management, Marketing and Related Support Services	824
5	Education	442
6	Homeland Security, Law Enforcement, Firefighting and Related	192
7	Social Sciences	190
Rank	OSU-OKC Program	OSU-OKC Five Year Average
1	Engineering Technologies and Engineering Related Fields	2,303
2	Health Professions and Related Programs	1,325
3	Business, Management, Marketing and Related Support Services	772
4	Homeland Security, Law Enforcement, Firefighting and Related	560
5	Liberal Arts and Sciences, General Studies and Humanities	350
6	Computer and Info. Sciences and Support Services	320
7	Family and Consumer Sciences/Human Sciences	227

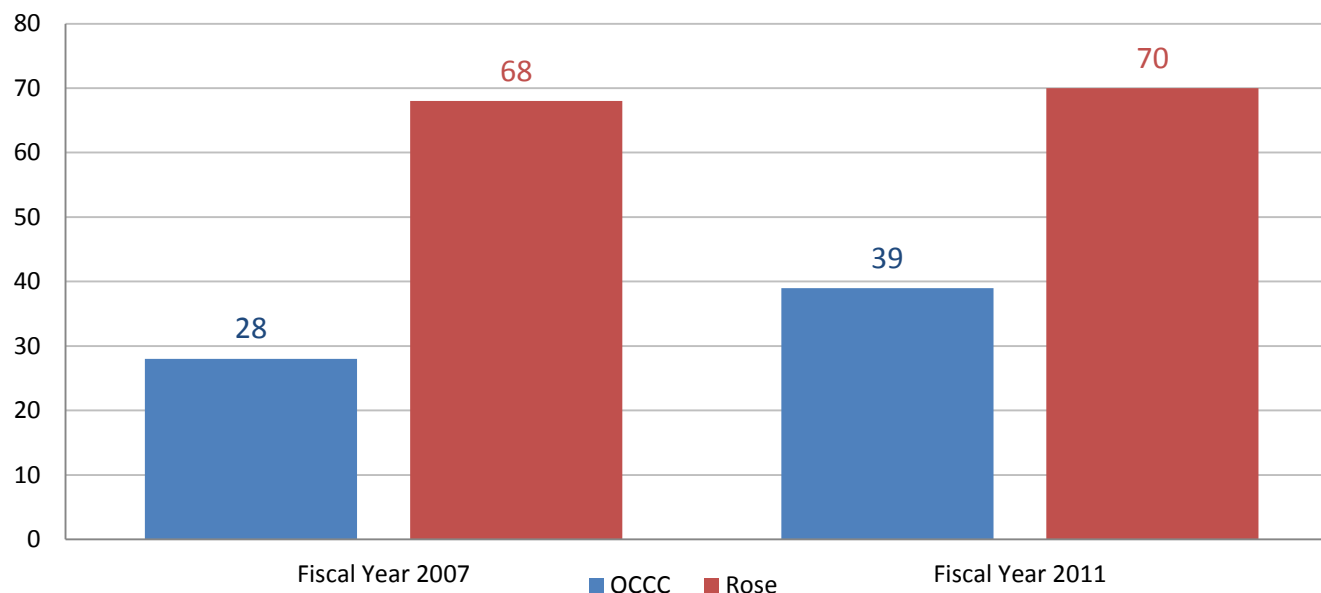
- CIP Codes were developed by the National Center for Education Statistics to provide a taxonomic scheme that supports the accurate tracking and reporting of fields of study and program completions activity.
- Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.



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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP*)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Bio-Medical Science Programs
 Number of Majors Enrolled



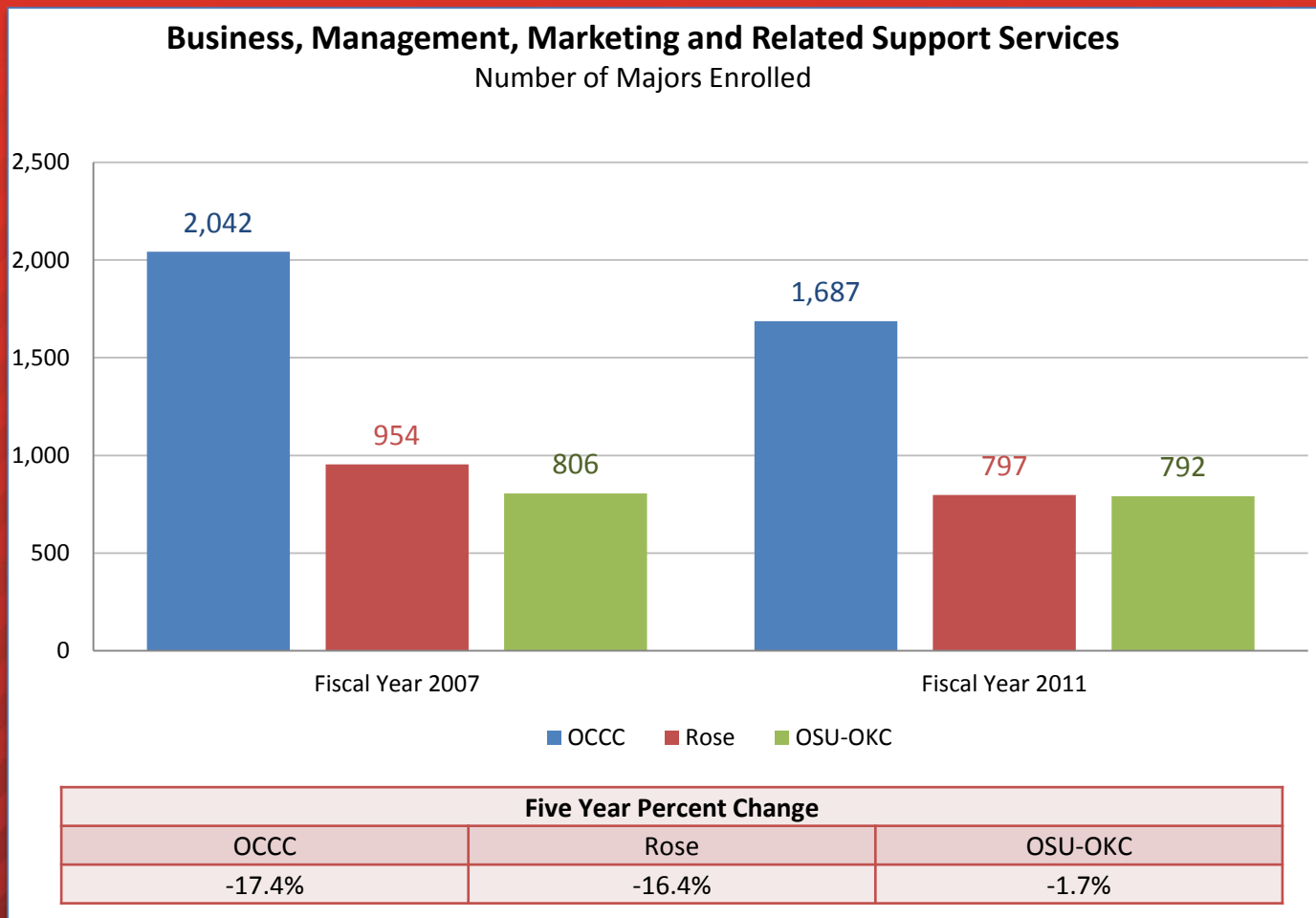
Five Year Percent Change		
OCCC	Rose	OSU-OKC
39.3%	2.9%	N/A



Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP*)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

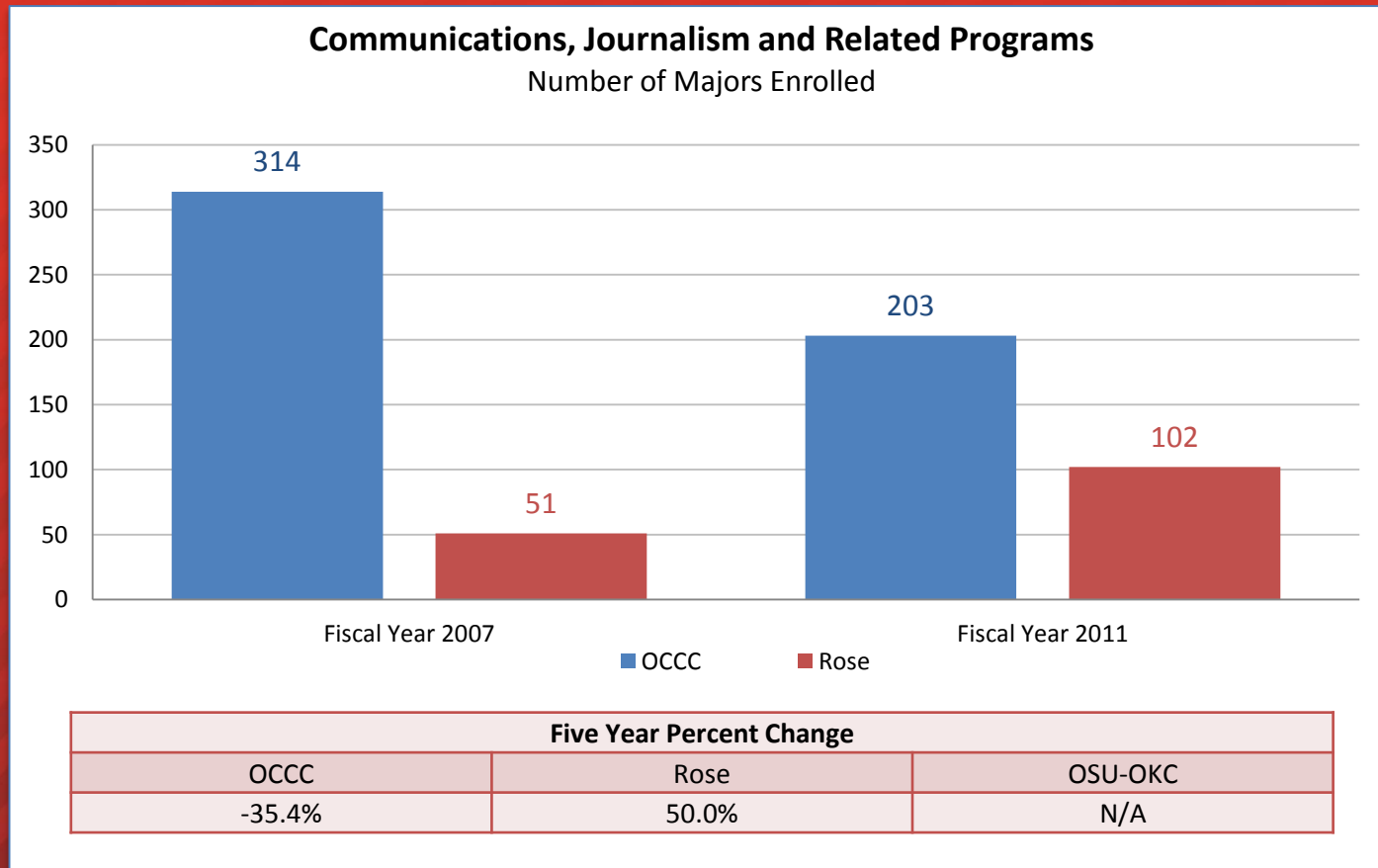


Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.



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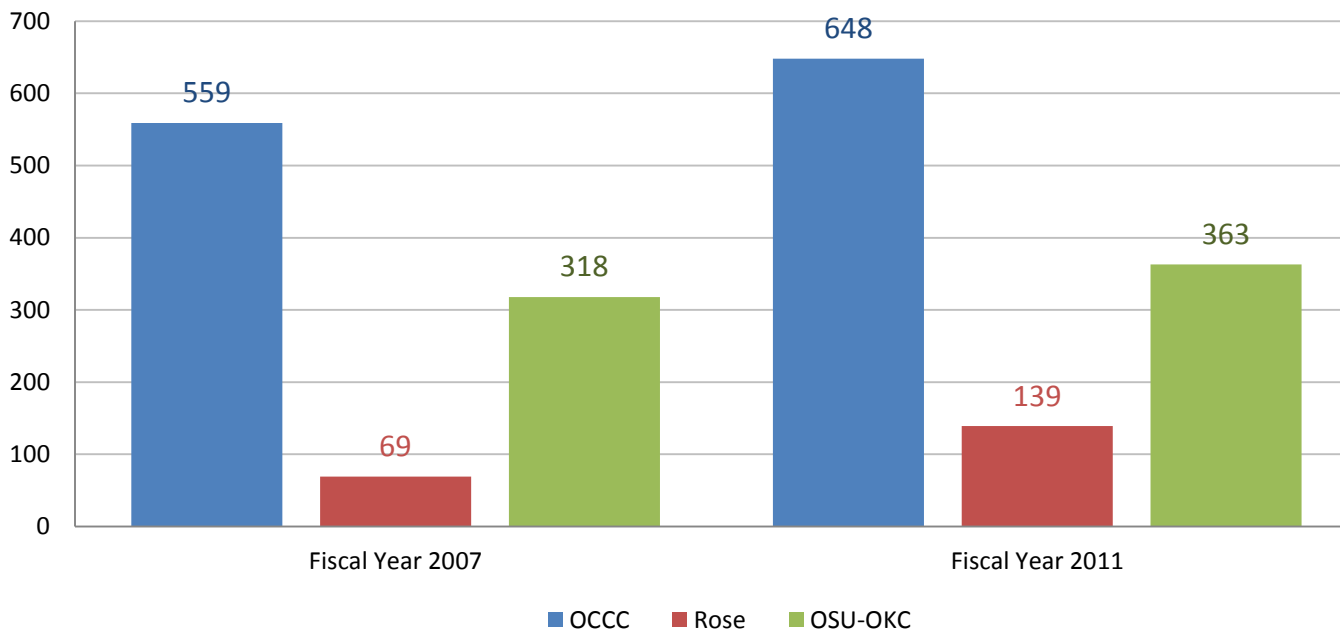


Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

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OSCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP*)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Computer and Info. Sciences and Support Services
 Number of Majors Enrolled



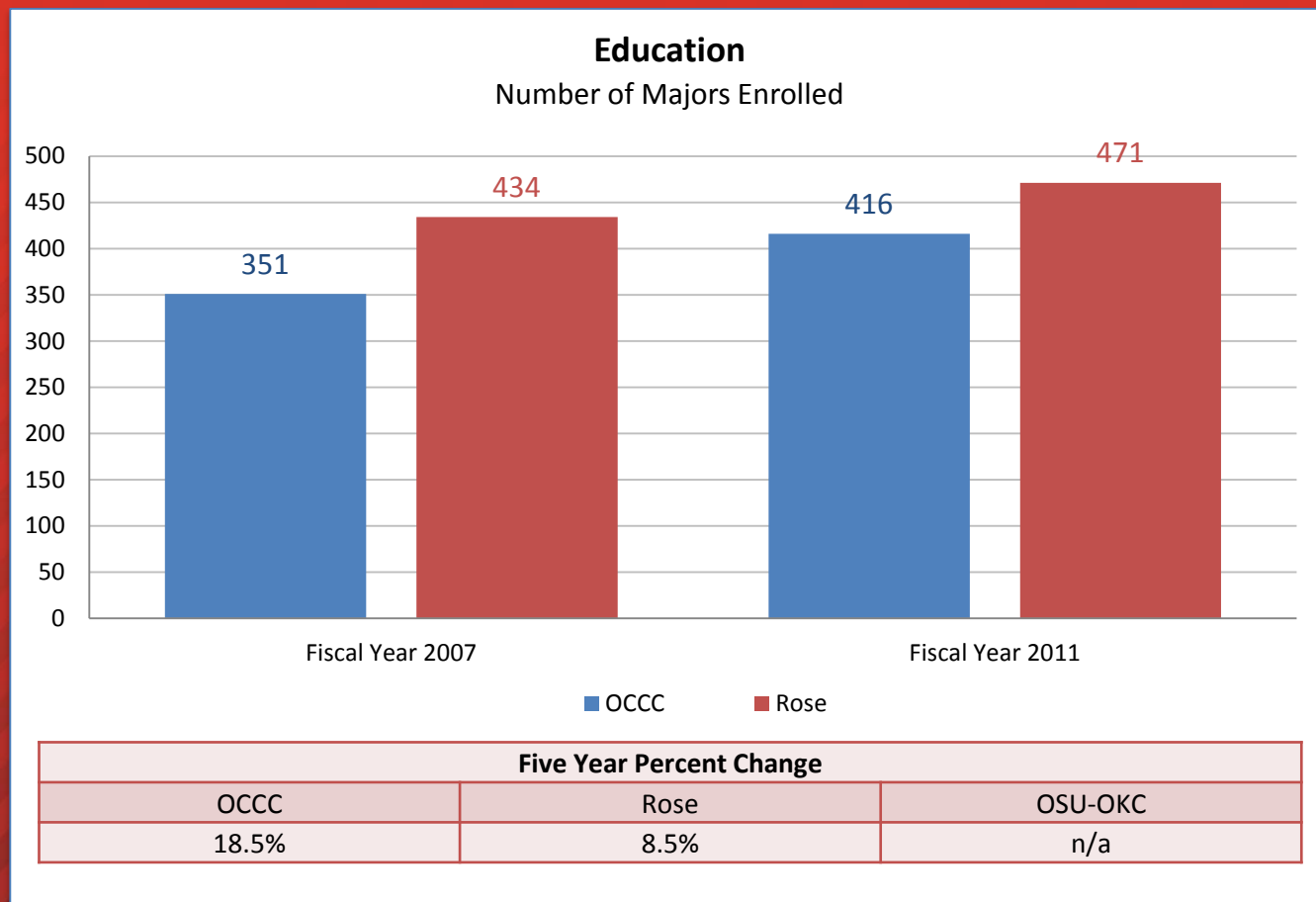
Five Year Percent Change		
OSCC	Rose	OSU-OKC
15.9%	101.4%	14.2%



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OCCC, Rose State and OSU-OKC Common Program Majors by Broad Classification of Instruction Program (CIP) Designation

Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

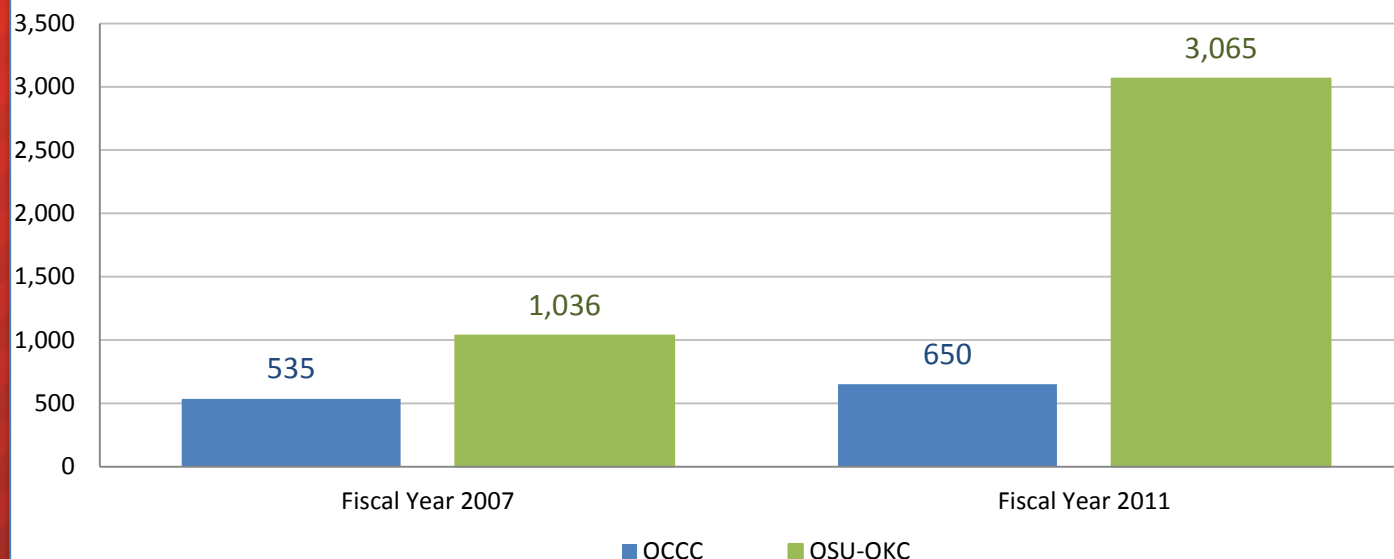


Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Engineering Technologies and Engineering Related Fields
 Number of Majors Enrolled



Five Year Percent Change		
OCCC	Rose	OSU-OKC
21.5%	n/a	195.8%

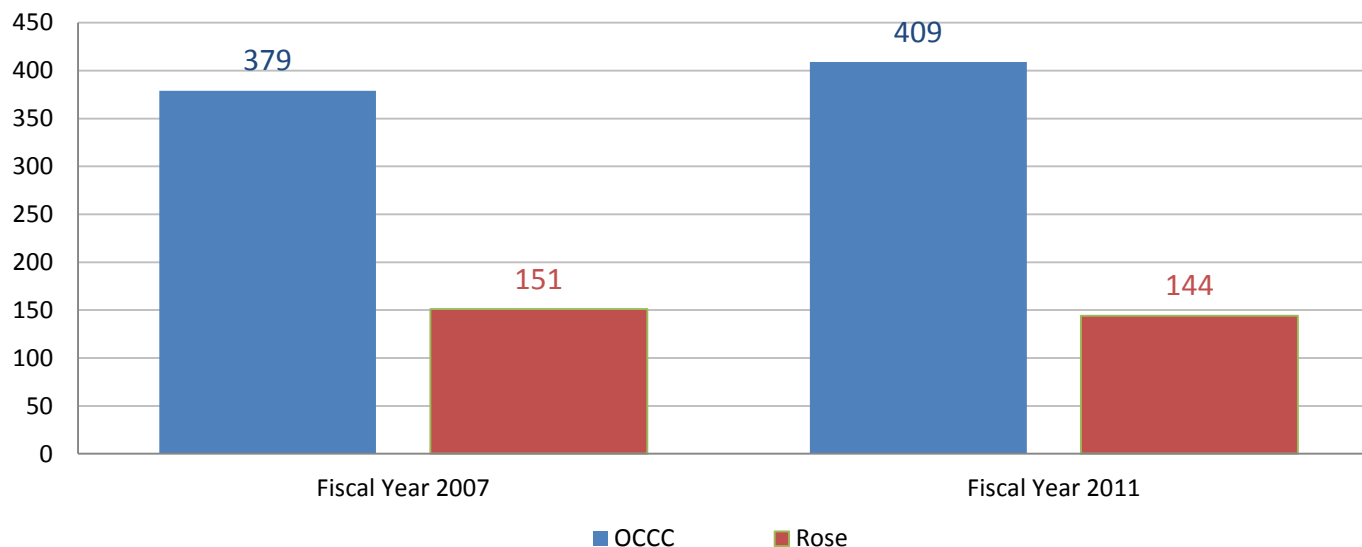


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Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

General Engineering
 Number of Majors Enrolled



Five Year Percent Change		
OCCC	Rose	OSU-OKC
18.5%	-1.3%	n/a



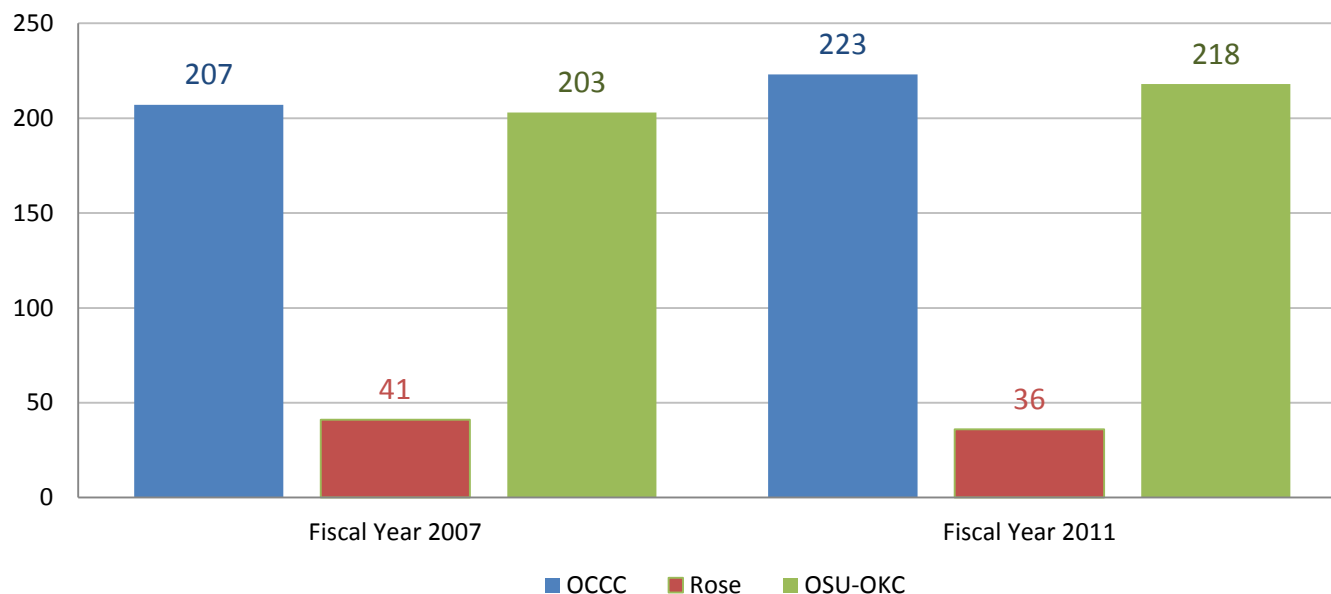
Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Family and Consumer Sciences/Human Sciences

Number of Majors Enrolled



Five Year Percent Change		
OCCC	Rose	OSU-OKC
8.3%	-12.2%	7.4%

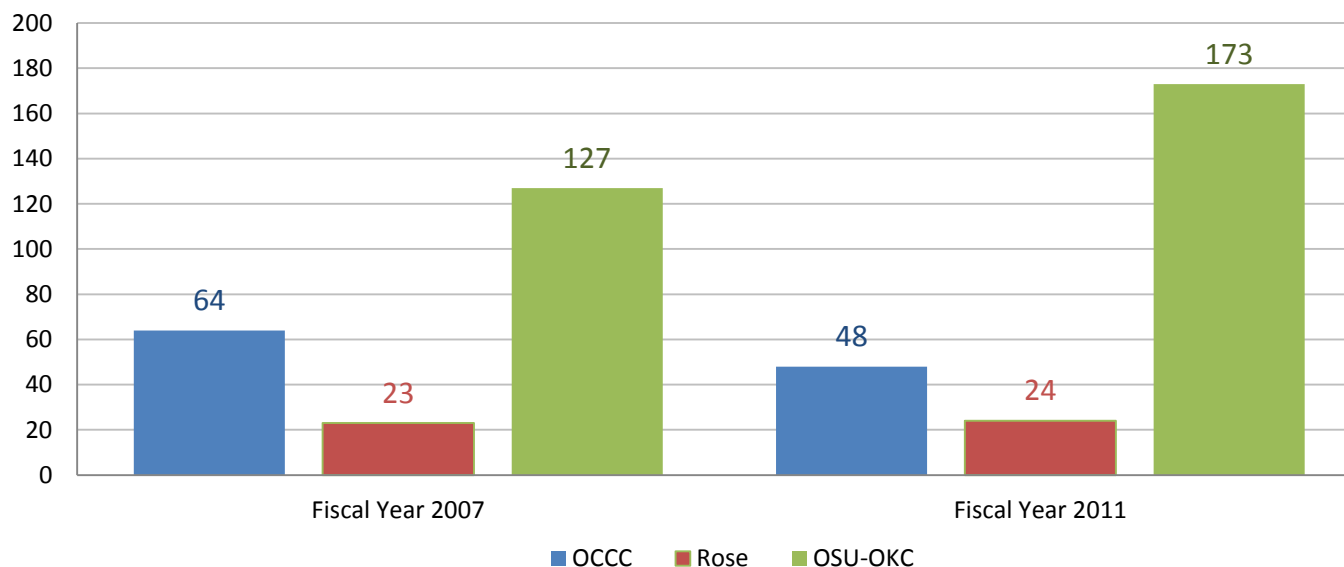


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Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Foreign Languages, Literatures and Linguistics
 Number of Majors Enrolled



Five Year Percent Change

OCCC	Rose	OSU-OKC
-25.0%	4.3%	36.2%



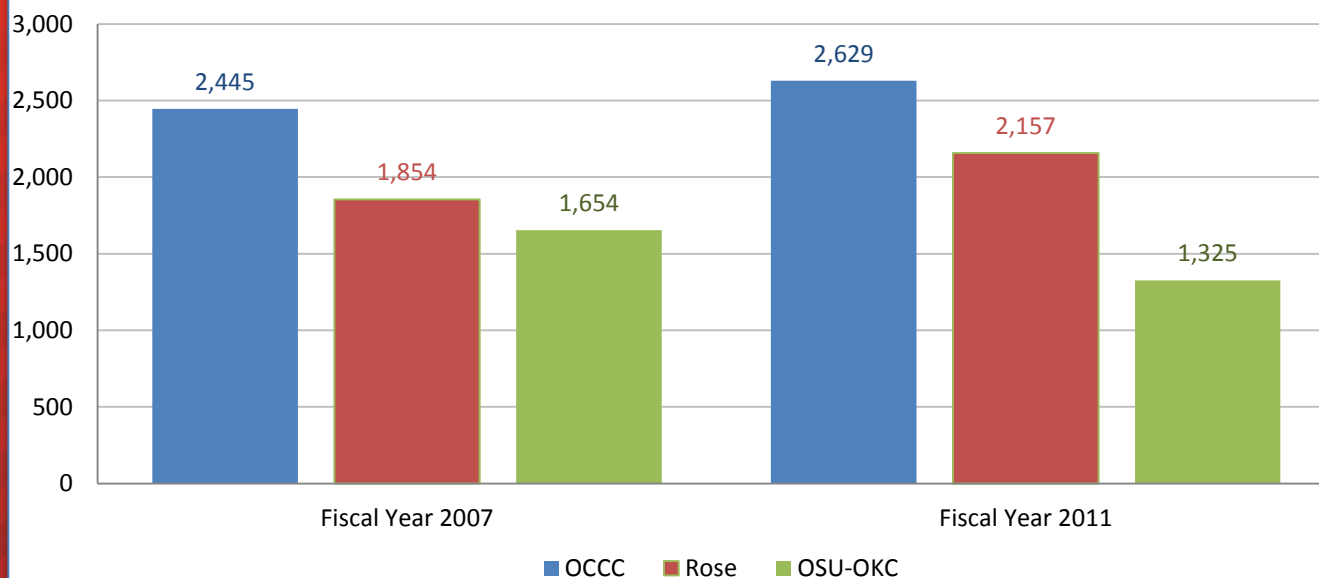
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Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Health Professions and Related Programs

Number of Majors Enrolled



Five Year Percent Change

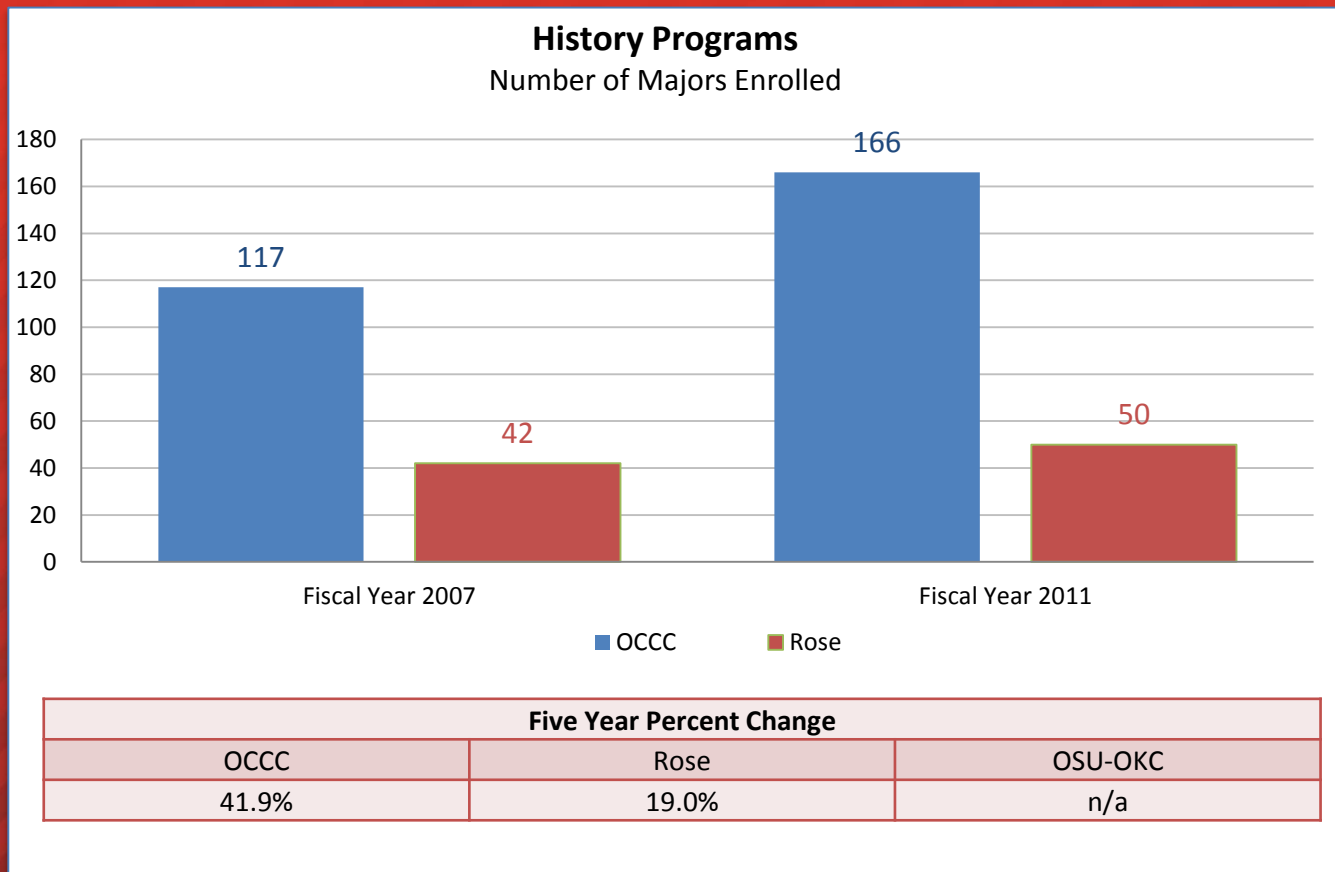
OCCC	Rose	OSU-OKC
7.5%	16.3%	-25.0%



Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

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Common Program Majors by Broad Classification of Instruction Program (CIP)
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Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011



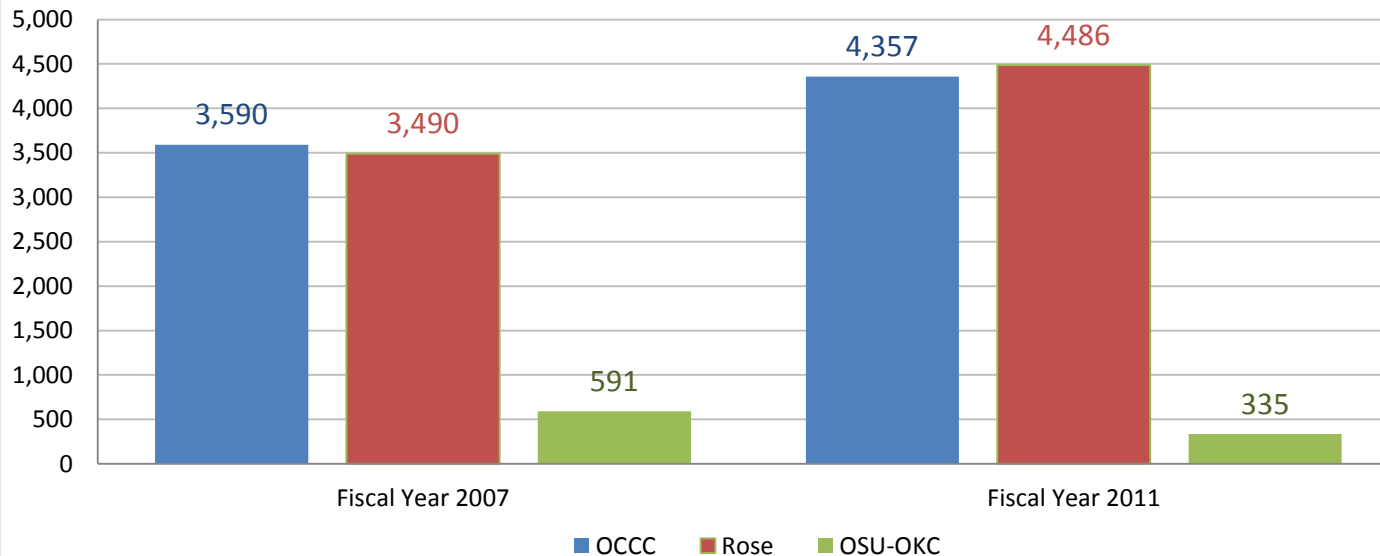
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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Liberal Arts and Sciences, General Studies and Humanities
 Number of Majors Enrolled



Five Year Percent Change		
OCCC	Rose	OSU-OKC
21.4%	28.5%	-43.3%

Note: This CIP family classification includes undeclared and unclassified majors for each college.

Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

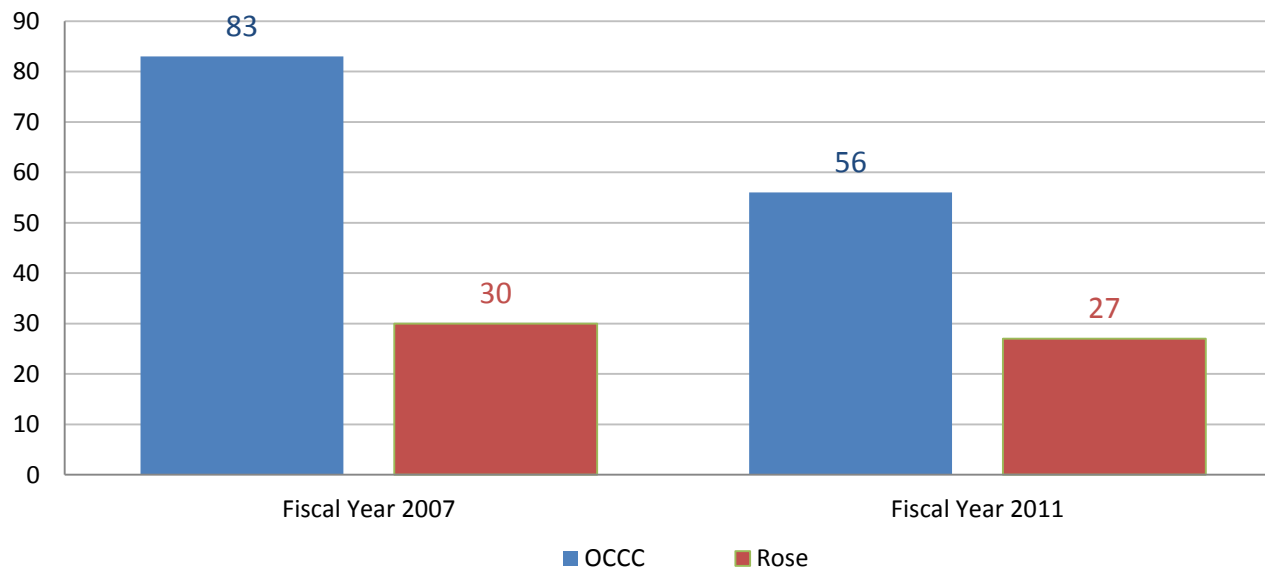


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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP) Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Mathematics and Statistics

Number of Majors Enrolled



Five Year Percent Change		
OCCC	Rose	OSU-OKC
-32.5%	-10.0%	n/a



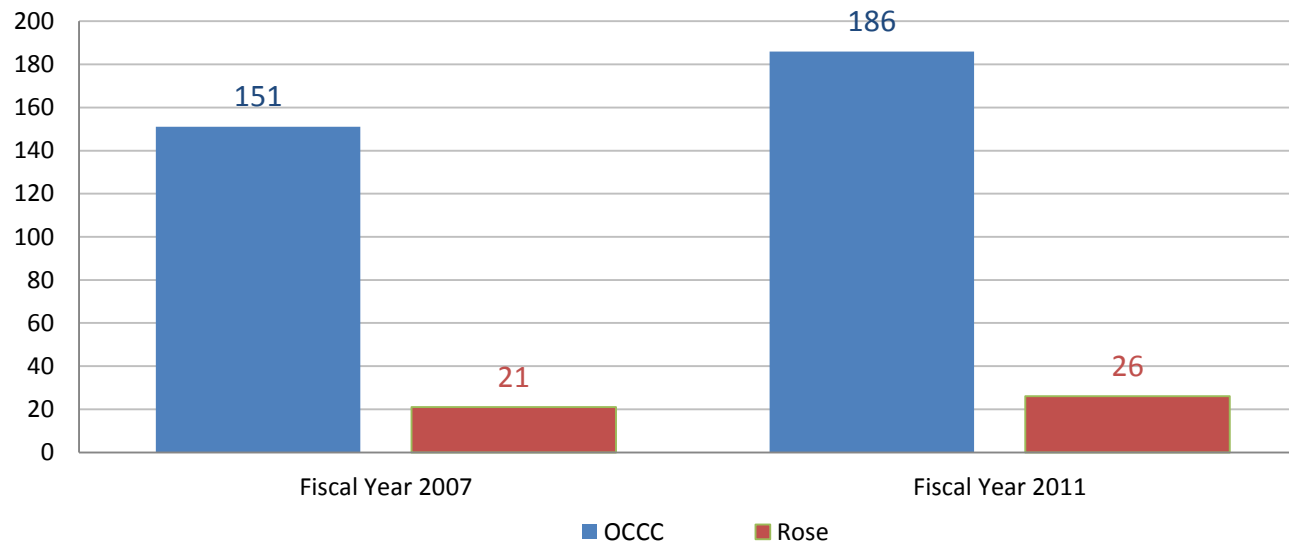
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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Mechanic and Repair Technologies

Number of Majors Enrolled



Five Year Percent Change

OCCC	Rose	OSU-OKC
23.2%	23.8%	n/a

Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.



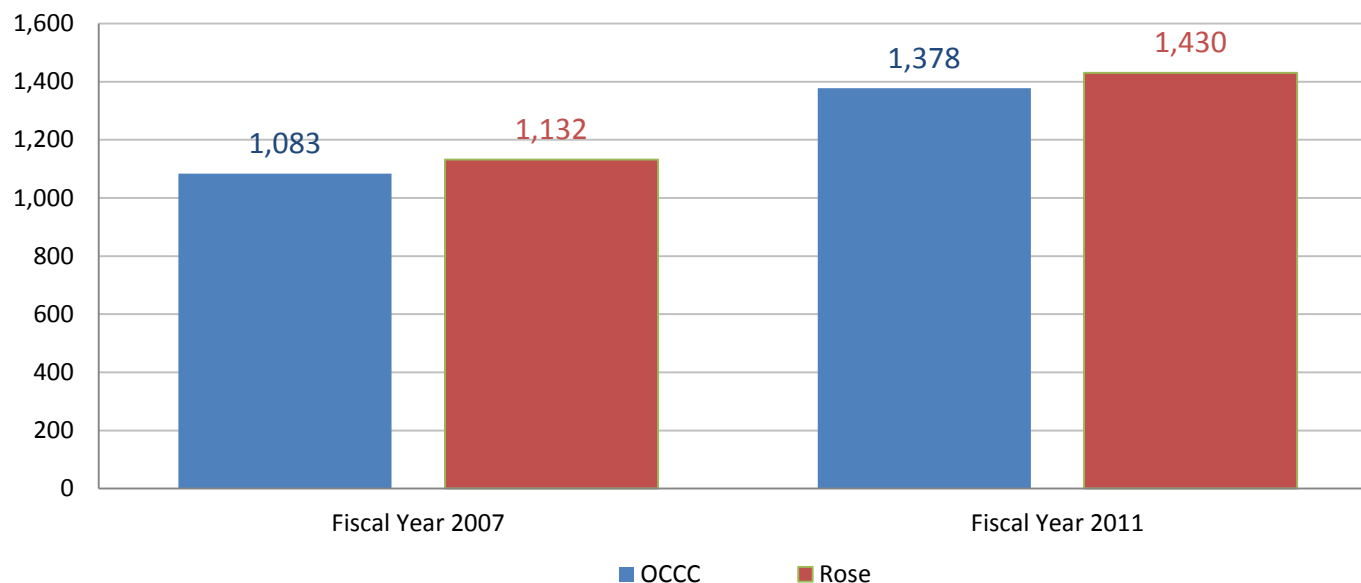
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OCCC, Rose State and OSU-OKC Common Program Majors by Broad Classification of Instruction Program (CIP) Designation

Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Physical Sciences

Number of Majors Enrolled



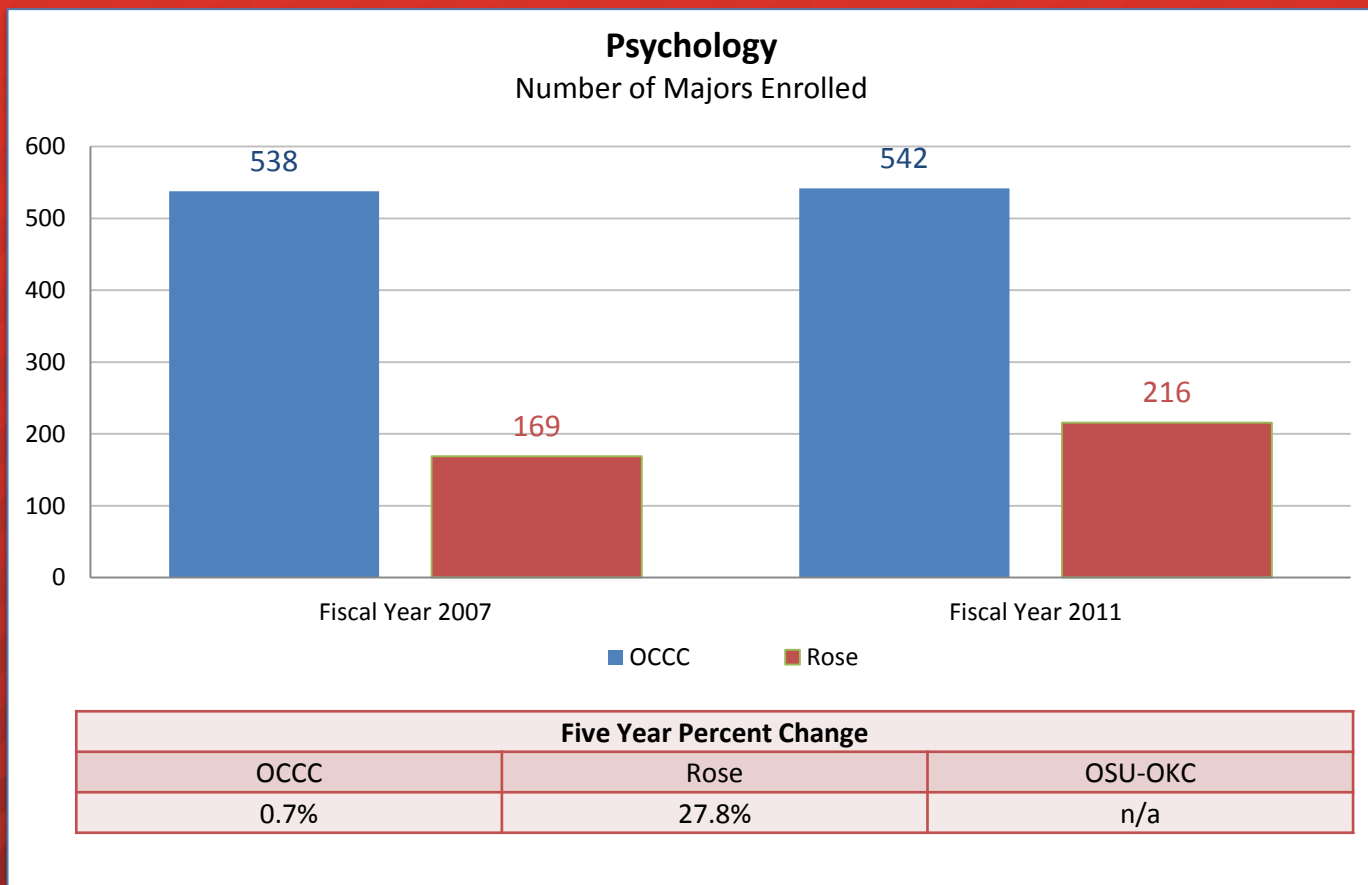
Five Year Percent Change		
OCCC	Rose	OSU-OKC
27.2%	26.3%	n/a



Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation
Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011



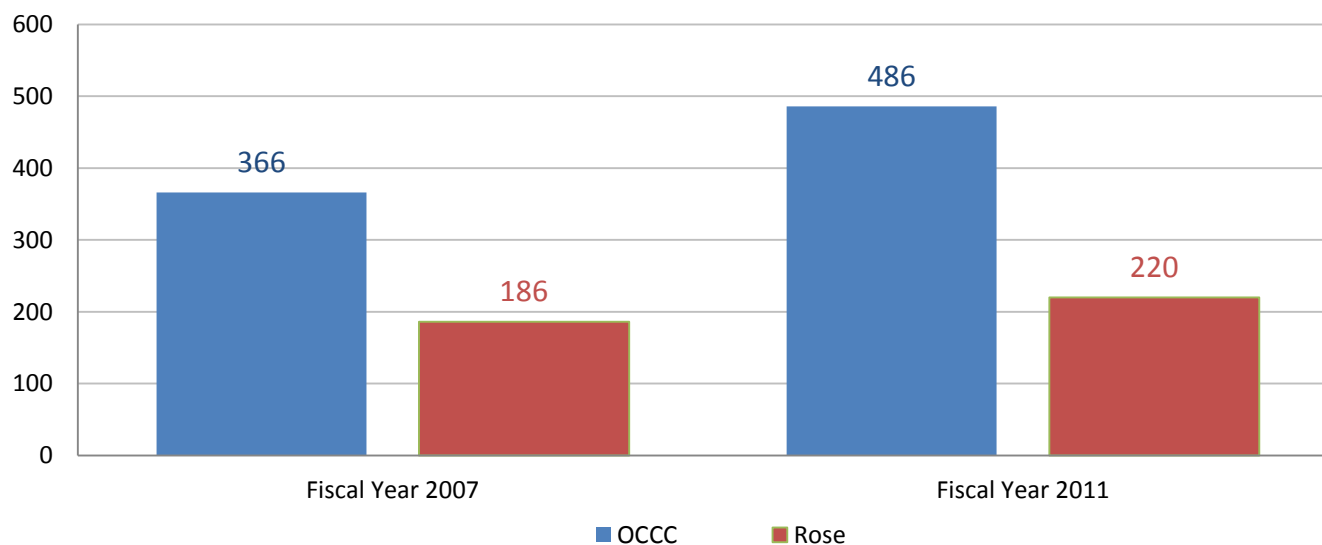
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OCCC, Rose State and OSU-OKC
Common Program Majors by Broad Classification of Instruction Program (CIP)
Designation

Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Social Sciences
Number of Majors Enrolled



Five Year Percent Change

OCCC	Rose	OSU-OKC
32.8%	18.3%	n/a

Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.



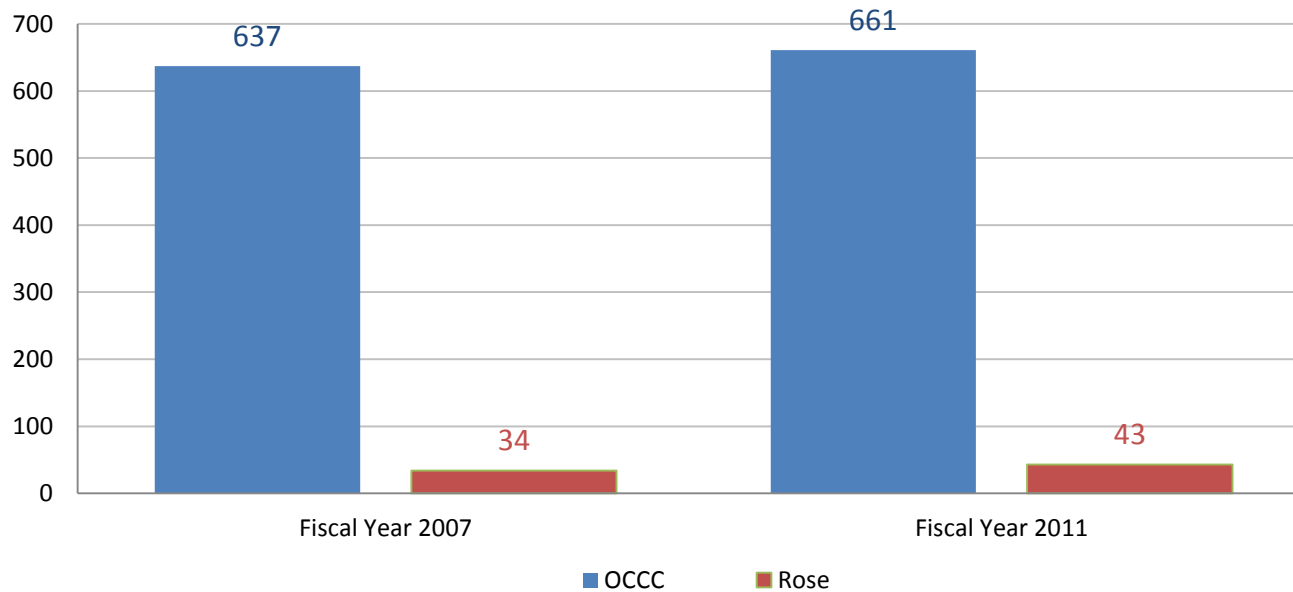
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OCCC, Rose State and OSU-OKC

Common Program Majors by Broad Classification of Instruction Program (CIP) Designation Five Year Amount and Percent Changes – Fiscal Year 2007 & Fiscal Year 2011

Visual and Performing Arts

Number of Majors Enrolled



Five Year Percent Change		
OCCC	Rose	OSU-OKC
3.8%	26.5%	n/a



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Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

Fastest Growing Degree Programs by Five Year Percent Changes

OCCC, Rose State and OSU-OKC – 2007 to 2011

(Only includes programs with 60 or more reported majors in Fiscal Year 2011 and existing programs in 2007. Excludes General Studies/Undeclared Majors)

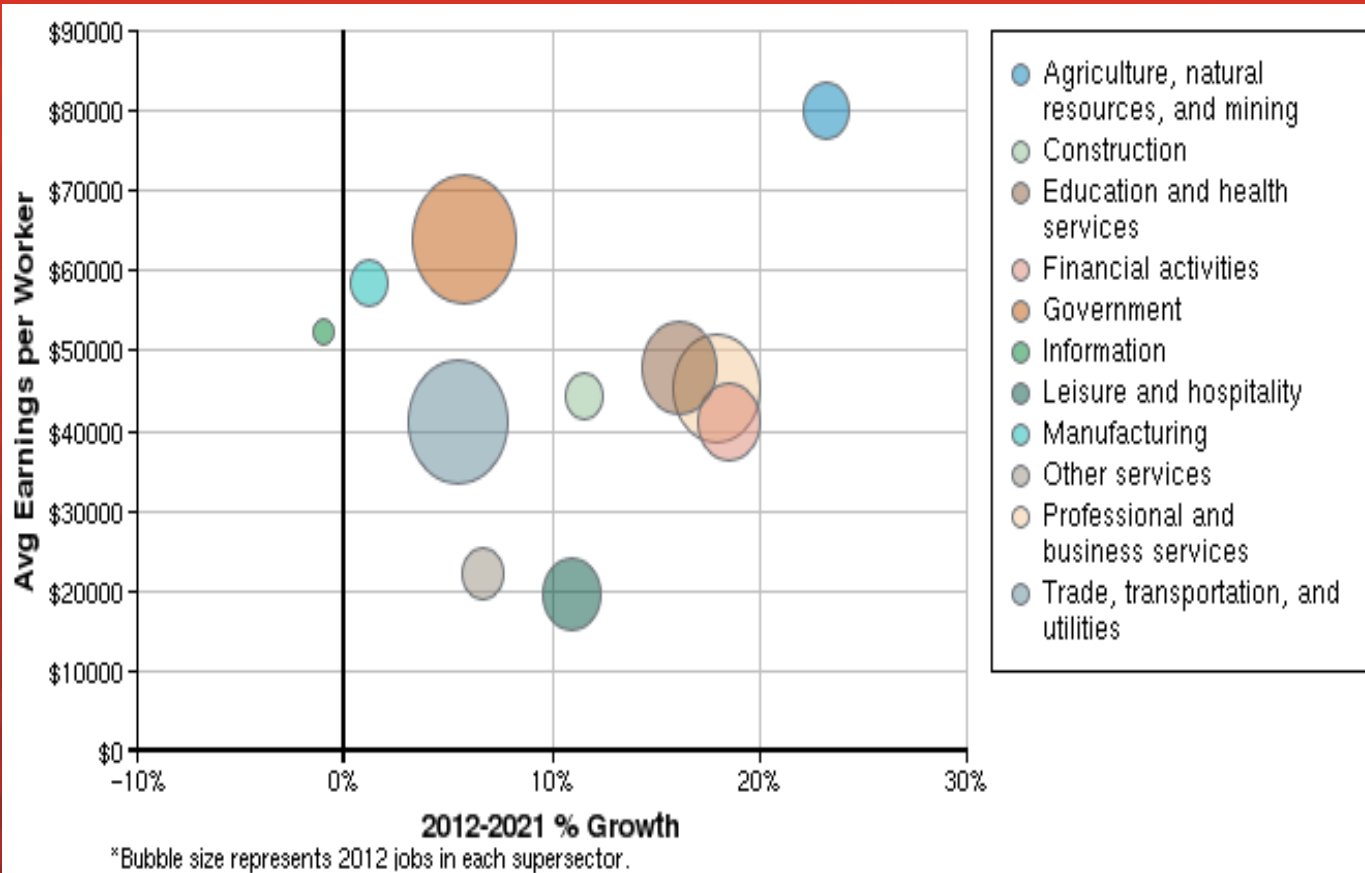
College	Program Degree Title	Degree Type	Three Year Percent Change	Five Year Percent Change	2011 Majors (frequency)
OSU-OKC	Applied Technology	AAS	28.1%	257.0%	2,649
OSU-OKC	Radiological Technology	AAS	64.1%	173.6%	238
Rose	Networking/Cyber Security	AAS	54.4%	101.4%	139
Rose	Mass Communications	AA	9.7%	100.0%	102
OSU-OKC	Healthcare Administration	AS	42.6%	93.3%	174
OCCC	Film and Video Production	AA	62.3%	83.8%	125
OCCC	Network Technology	AAS	0.9%	81.7%	109
OSU-OKC	Horticulture Technology	AAS	18.9%	75.4%	107
OSU-OKC	EMS Municipal Fire	AAS	22.3%	68.3%	170
Rose	Business Administration	AAS	28.6%	66.4%	198
OCCC	Applied Technology	AAS	96.5%	57.7%	112
OSU-OKC	Business Technologies	AAS	2.8%	54.3%	145
OSU-OKC	Graphic Design	AAS	120.5%	53.6%	86
Rose	Health and Sports Science	AS	31.3%	47.4%	84
OCCC	Computer Aided Technology	AAS	33.3%	47.2%	212
OCCC	Sociology	AA	28.4%	45.3%	276
Rose	Social Sciences	AA	51.7%	42.1%	135
OCCC	History	AA	-2.4%	41.9%	166
Rose	Criminal Justice	AS	60.0%	40.1%	248
OCCC	Humanities	AA	34.5%	39.4%	152
Rose	Paralegal Studies	AAS	27.2%	39.3%	117
Rose	Nursing Science	AAS	25.1%	33.1%	961
OCCC	Medical Assistant	AAS	73.1%	30.4%	90
OSU-OKC	Power Transmission and Dist.	AAS	20.4%	30.0%	65



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Source: Oklahoma State Regents of Higher Education 2012 Productivity Report – To be published early 2013.

Industry Size and Growth – Five County Metro Area Current and Projected Jobs Data – 2012 to 2021

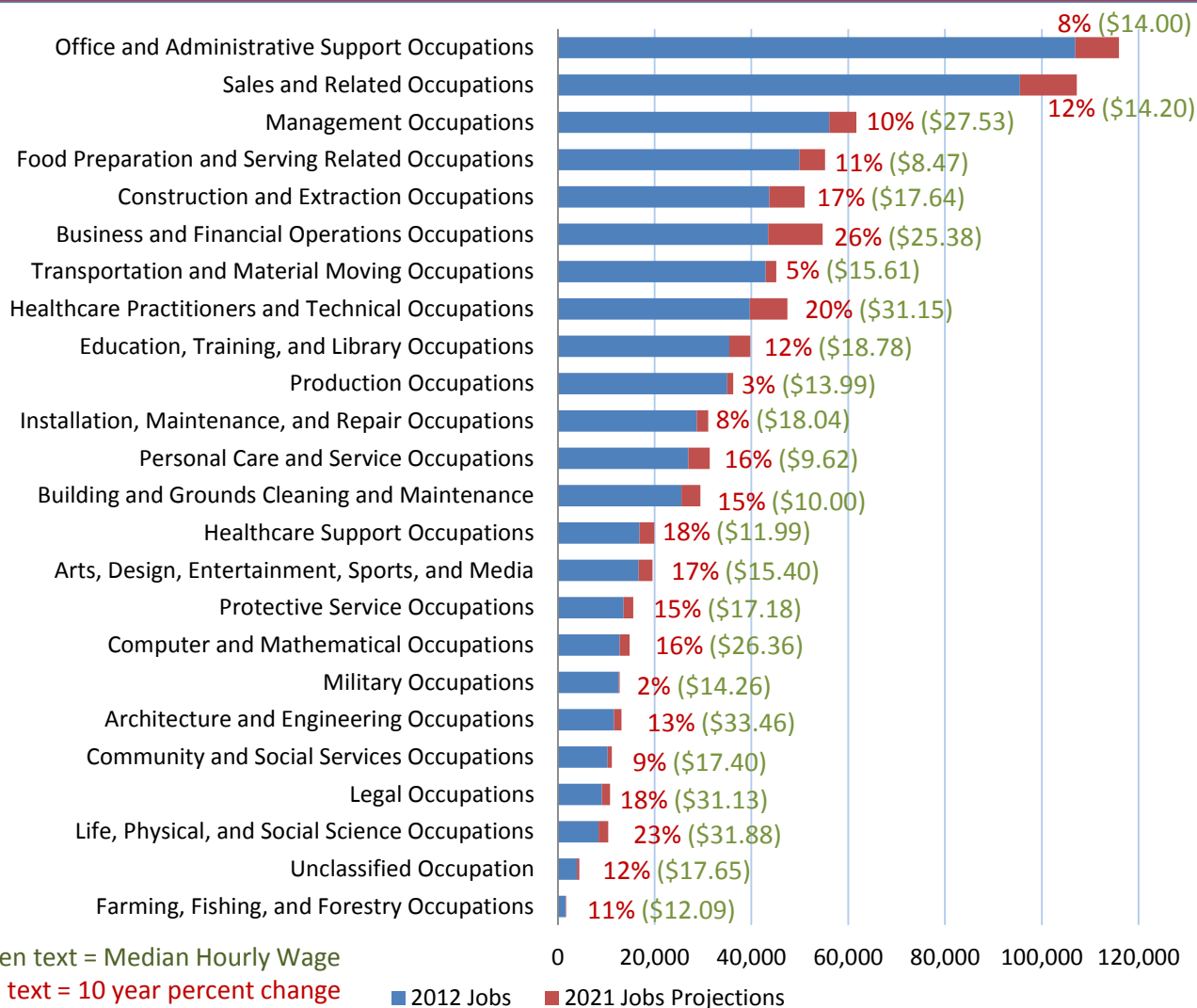


Source: EMSI (details on methodology available on slides at end of presentation.)

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Five County Metro Area - Current and Ten Year Projected Jobs Statistics by General Occupational Categories

2012 to 2021



Source: EMSI. Method explanation and projection calculations available on last slide.



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Five County Metro Area – Ten Year Projection of Fastest Growing Large Employing Jobs by Occupation - 2012 to 2021

Associate's and Postsecondary Vocational Award Levels

(Only occupations with more than 500 jobs and having more than 20% projected growth are provided below.)

Standard Occupational Classification (SOC)	Course Instructional Program (CIP) Classifications	Degree Level	2012 Jobs	Ten Year Percent Change Projection
Fitness Trainers and Aerobics Instructors	Physical Education Teaching & Coaching	Postsecondary vocational award	1,263	40%
Massage Therapists	Health Services/Allied Health/Health Sciences, General	Postsecondary vocational award	1,373	38%
Manicurists and Pedicurists	Cosmetology/Cosmetologist, General	Postsecondary vocational award	522	37%
Security and Fire Alarm Systems Installers	Electrician	Postsecondary vocational award	633	32%
Dental Hygienists	Health Services/Allied Health/Health Sciences, General	Associate's degree	705	30%
Legal Secretaries	Legal Administrative Assistant/Secretary	Associate's degree	900	29%
Respiratory Therapists	Health Services/Allied Health/Health Sciences, General	Associate's degree	515	29%
Paralegals and Legal Assistants	Legal Studies, General	Associate's degree	1,380	28%
Geological and Petroleum Technicians	Physical Science Technologies/Technicians, Other	Associate's degree	541	25%
Hairdressers, Hairstylists, and Cosmetologists	Cosmetology/Cosmetologist, General	Postsecondary vocational award	3,269	25%
Appraisers and Assessors of Real Estate	Business/Commerce, General	Associate's degree	1,508	24%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Mechanics & Repairers, General	Postsecondary vocational award	1,266	24%
Surgical Technologists	Health Services/Allied Health/Health Sciences, General	Postsecondary vocational award	682	24%
Real Estate Sales Agents	Real Estate	Postsecondary vocational award	11,745	23%
Registered Nurses	Health Services/Allied Health/Health Sciences, General	Associate's degree	12,037	22%

Note: Green shaded cells represent course programs with common CIP classifications offered at OCCC.

Source: EMSI. Method explanation and projection calculations available on last slide.



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Five County Metro Area – Ten Year Projection of Fastest Growing Large Employing Jobs by Occupation - 2012 to 2021

Bachelors or Higher Award Levels

(Only occupations with more than 500 jobs and having more than 25% projected growth are provided below.)

Standard Occupational Classification (SOC)	Course Instructional Program (CIP) Classifications	Degree Level	2012 Jobs	Ten Year Percent Change Projection
Personal Financial Advisors	Business/Commerce, General	Bachelor's degree	5,842	54%
Marketing Managers	Apparel & Textiles, General	Bachelor's degree	1,105	51%
Securities, Commodities, and Financial Sales Agents	Financial Planning & Services	Bachelor's degree	4,626	49%
Petroleum Engineers	Engineering, General	Bachelor's degree	1,184	36%
Network Systems Analysts	Computer & Information Sciences	Bachelor's degree	1,257	35%
Geoscientists	Biological & Physical Sciences	Master's degree	1,927	34%
Physical Therapists	Kinesiology & Exercise Science	Master's degree	890	34%
Cost Estimators	Business/Commerce, General	Bachelor's degree	631	33%
Accountants and Auditors	Accounting & Computer Science	Bachelor's degree	8,907	31%
Property, Real Estate Managers	Business/Commerce, General	Bachelor's degree	6,735	31%
Management Analysts	Business/Commerce, General	Bachelor's degree,	4,204	31%
Computer Software Engineers	Artificial Intelligence	Bachelor's degree	1,242	31%
Financial Analysts	Business/Commerce, General	Bachelor's degree	1,601	29%
Pharmacists	Health Services/Allied Health/Health Sciences, General	First professional degree	1,360	29%
Sales Managers	Business/Commerce, General	Bachelor's degree	1,547	28%
Market Research Analysts	Consumer Merchandising/Retailing Management	Bachelor's degree	1,098	28%



Note: Green shaded cells represent course programs with common CIP classifications offered at OCCC.

Source: EMSI. Method explanation and projection calculations available on last slide.

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Five County Metro Area – Ten Year Projection of Largest Employing Jobs by Occupation 2012 to 2021 – All Post-Secondary Levels

Rank	Entry Level – Associate's or Post-Secondary Vocational Award	2012 Jobs	10 Year Projected Growth	Entry Level – Bachelor's Degree or Higher	2012 Jobs	10 Year Projected Growth
1	Registered Nurses	12,037	22%	General and Operations Managers	11,810	8%
2	Real Estate Sales Agents	11,745	23%	Accountants and Auditors	8,907	31%
3	Nursing Aides, Orderlies, and Attendants	6,132	10%	Postsecondary teachers	8,351	13%
4	Licensed Practical and Licensed Vocational Nurses	4,856	9%	Property, Real Estate, and Community Association Managers	6,735	31%
5	Insurance Sales Agents	4,479	16%	Personal Financial Advisors	5,842	54%
6	Automotive Service Technicians and Mechanics	3,838	3%	Elementary School Teachers, Except Special Education	5,611	12%
7	Hairdressers, Hairstylists, and Cosmetologists	3,269	25%	Lawyers	5,506	17%
8	Welders, Cutters, Solderers, and Brazers	3,051	6%	Securities, Commodities, and Financial Services Sales Agents	4,626	49%
9	Computer Support Specialists	2,759	7%	Management Analysts	4,204	31%
10	Preschool Teachers, Except Special Education	2,135	15%	Secondary School Teachers, Except Special and Vocational Education	3,455	6%



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Source: EMSI. Method explanation and projection calculations available on last slide.

Economic Modeling Specialists International (EMSI)

Data Sources and Calculations

Industry Data

In order to capture a complete picture of industry employment, EMSI basically combines covered employment data from Quarterly Census of Employment and Wages (QCEW) produced by the Department of Labor with total employment data in Regional Economic Information System (REIS) published by the Bureau of Economic Analysis (BEA), augmented with County Business Patterns (CBP) and Nonemployer Statistics (NES) published by the U.S. Census Bureau. Projections are based on the latest available EMSI industry data, 15-year past local trends in each industry, growth rates in statewide and (where available) sub-state area industry projections published by individual state agencies, and (in part) growth rates in national projections from the Bureau of Labor Statistics.

Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

Educational Attainment Data

EMSI's educational attainment numbers are based on Census 1990, Census 2000, the Current Population Survey, and EMSI's demographic data. By combining these sources, EMSI interpolates for missing years and projects data at the county level. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.

State Data Sources

This report uses state data from the following agencies: Oklahoma Employment Security Commission.



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