Oklahoma Department of Career and Technology Education

Information Commons / Research

January 2013

State of Oklahoma

Information Technology Career Cluster Report

Region Info - Oklahoma

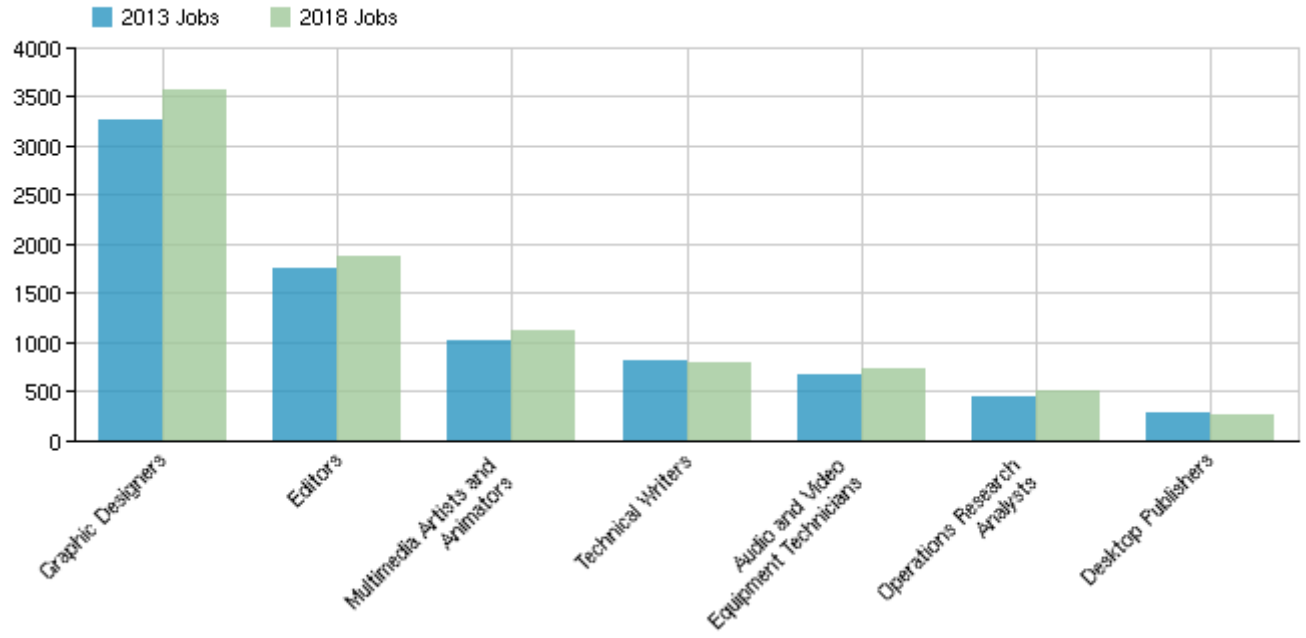
State Areas	Oklahoma (OK)

Executive Summary for Information Technology Career Cluster (Bachelor_degree and below)

Education	2013 Jobs	2018 Jobs	Change	Annual Openings	2012 Hourly Earnings
Postsecondary non-degree award	666	739	73	33	$16.71
Associate's degree	276	261	-15	6	$19.53
Bachelor's degree	7,318	7,868	550	321	$18.25
Total	8,260	8,868	608	360	$18.17

Source: EMSI Complete Employment - 2012.4

Largest Occupations

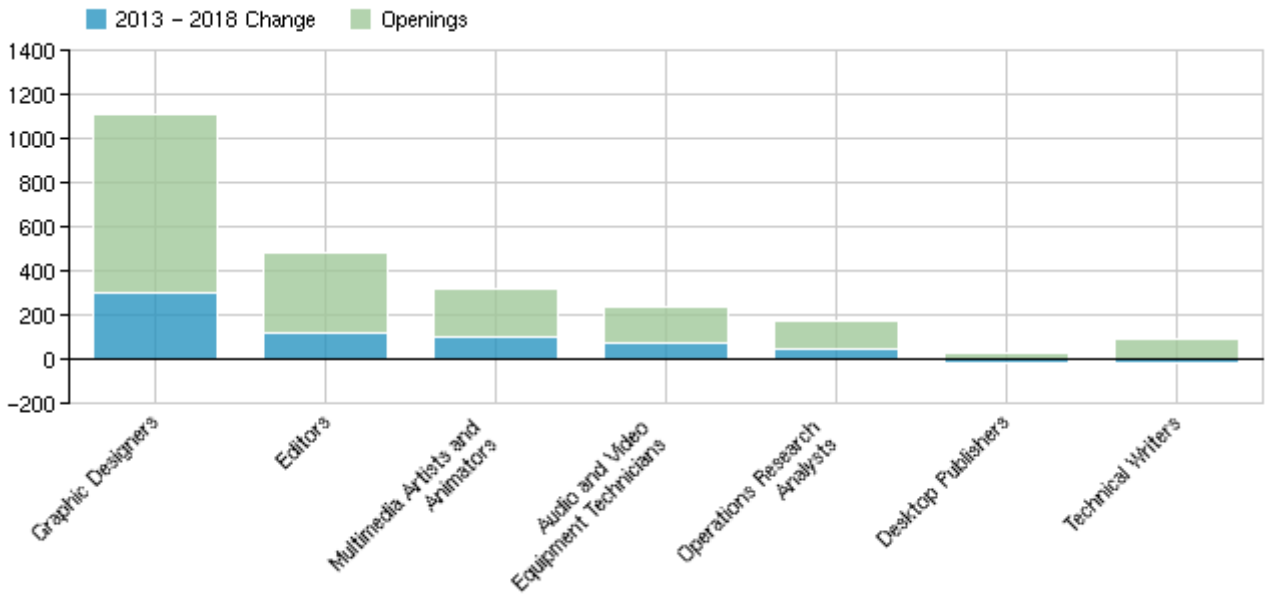


SOC Code	Description	2013 Jobs	2018 Jobs	Change	2012 Hourly Earnings	Education
27-1024	Graphic Designers	3,270	3,574	304	$15.78	Bachelor's degree

SOC Code	Description	2013 Jobs	2018 Jobs	Change	2012 Hourly Earnings	Education
27-3041	Editors	1,754	1,870	116	$17.51	Bachelor's degree
27-1014	Multimedia Artists and Animators	1,019	1,119	100	$11.37	Bachelor's degree
27-3042	Technical Writers	818	800	-18	$29.41	Bachelor's degree
27-4011	Audio and Video Equipment Technicians	666	739	73	$16.71	Postsecondary non-degree award
15-2031	Operations Research Analysts	456	505	49	$33.51	Bachelor's degree
43-9031	Desktop Publishers	276	261	-15	$19.53	Associate's degree

Source: EMSI Complete Employment - 2012.4

Largest Growth

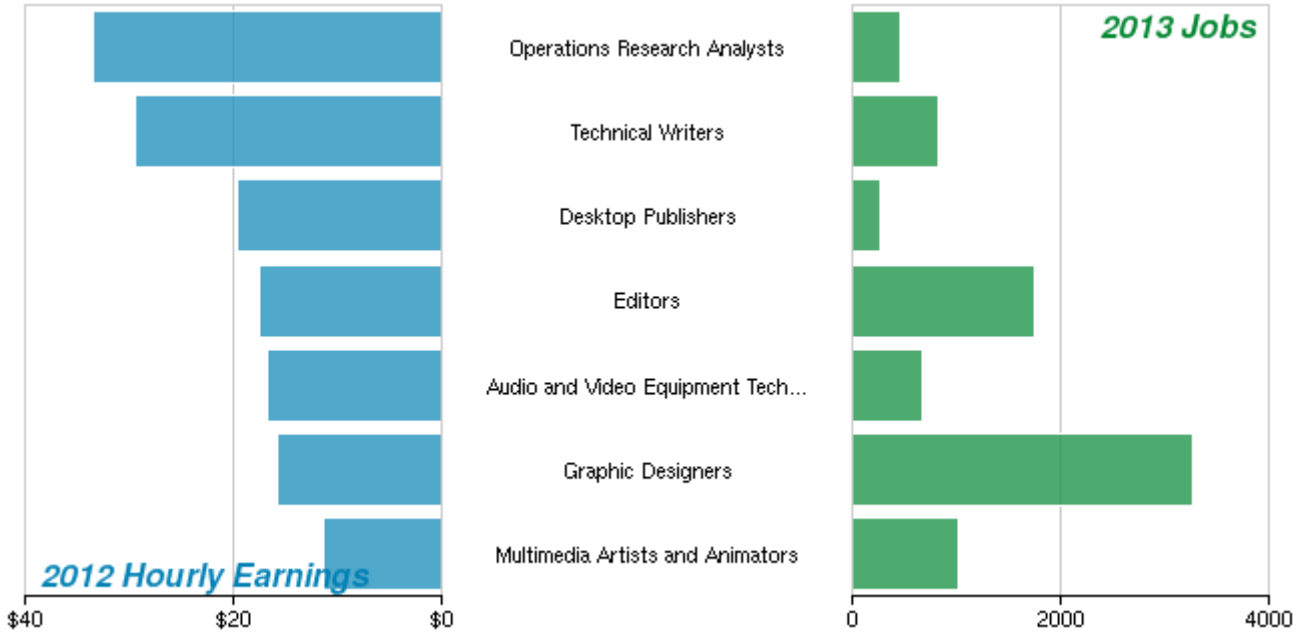


SOC Code	Description	2013 - 2018 Change	Openings	Annual Openings	2012 Hourly Earnings	Education
27-1024	Graphic Designers	304	802	160	$15.78	Bachelor's degree
27-3041	Editors	116	368	74	$17.51	Bachelor's degree
27-1014	Multimedia Artists and Animators	100	219	44	$11.37	Bachelor's degree
27-4011	Audio and Video Equipment Technicians	73	167	33	$16.71	Postsecondary non-degree award
15-2031	Operations Research Analysts	49	120	24	$33.51	Bachelor's degree
43-9031	Desktop Publishers	-15	30	6	$19.53	Associate's degree

SOC Code	Description	2013 - 2018 Change	Openings	Annual Openings	2012 Hourly Earnings	Education
27-3042	Technical Writers	-18	95	19	$29.41	Bachelor's degree

Source: EMSI Complete Employment - 2012.4

Highest Earnings



SOC Code	Description	2012 Hourly Earnings	2013 Jobs	2013 - 2018 Change	Annual Openings	Education
15-2031	Operations Research Analysts	$33.51	456	49	24	Bachelor's degree
27-3042	Technical Writers	$29.41	818	-18	19	Bachelor's degree
43-9031	Desktop Publishers	$19.53	276	-15	6	Associate's degree
27-3041	Editors	$17.51	1,754	116	74	Bachelor's degree
27-4011	Audio and Video Equipment Technicians	$16.71	666	73	33	Postsecondary non-degree award
27-1024	Graphic Designers	$15.78	3,270	304	160	Bachelor's degree
27-1014	Multimedia Artists and Animators	$11.37	1,019	100	44	Bachelor's degree

Source: EMSI Complete Employment - 2012.4

*Note: Occupations with fewer than 10 employees are not shown.

Career Cluster Data

Career clusters and pathways are collections of standard occupation (SOC) codes. They are defined by the States' Career Cluster Initiative.

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.

State Data Sources

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