Oklahoma Department of Career and Technology Education

Information Commons / Research January 2013

State of Oklahoma

Arts, A/V Technology & Communications Career Cluster Report

Region Info - Oklahoma

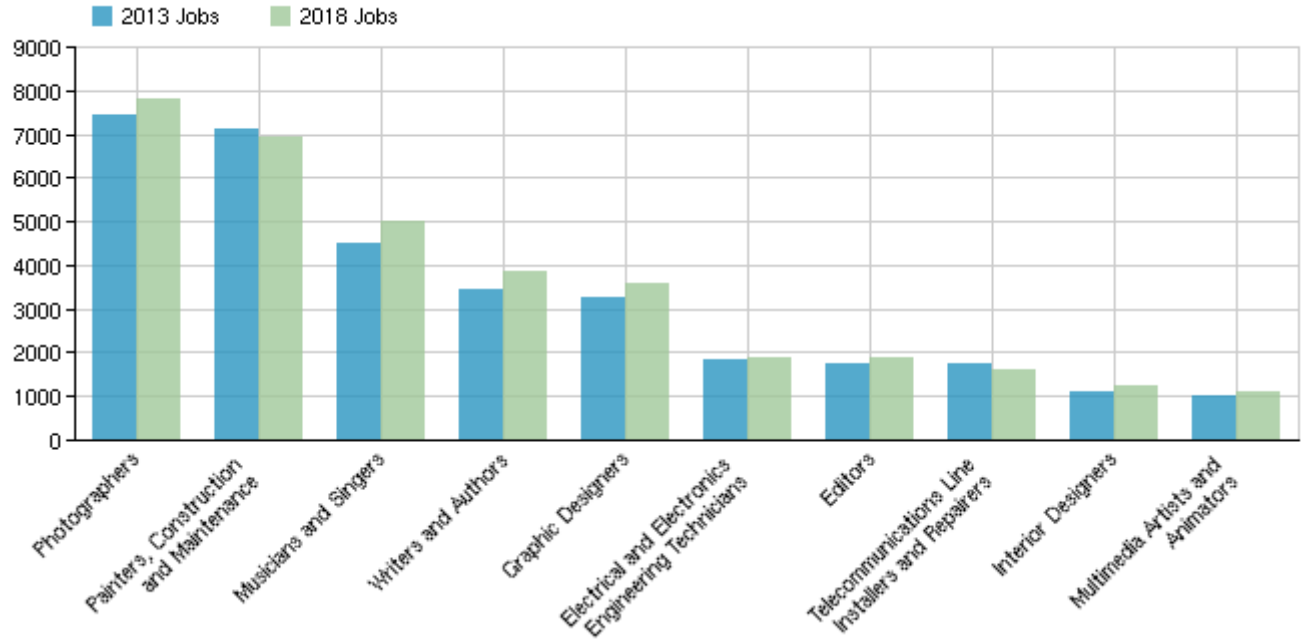
State Areas	Oklahoma (OK)

Executive Summary for Arts, A/V Technology & Communications Career Cluster (Bachelor_degree and below)

Education	2013 Jobs	2018 Jobs	Change	Annual Openings	2012 Hourly Earnings
Moderate-term on-the-job training	7,116	6,922	-194	195	$14.26
Long-term on-the-job training	15,621	16,585	964	515	$16.44
Postsecondary non-degree award	1,041	1,136	95	48	$18.04
Associate's degree	2,643	2,701	58	77	$24.12
Bachelor's degree	13,500	14,804	1,304	642	$15.82
Total	39,921	42,147	2,226	1,476	$16.39

Source: EMSI Complete Employment - 2012.4

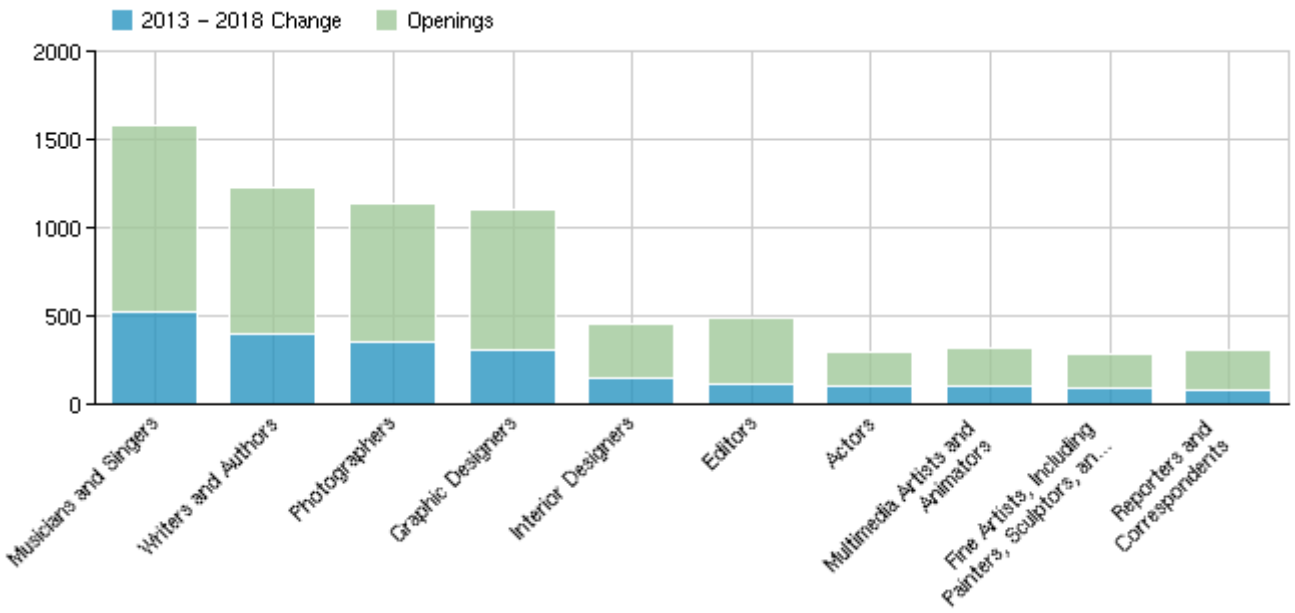
Largest Occupations



SOC Code	Description	2013 Jobs	2018 Jobs	Change	2012 Hourly Earnings	Education
27-4021	Photographers	7,462	7,819	357	$10.62	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	7,116	6,922	-194	$14.26	Moderate-term on-the-job training
27-2042	Musicians and Singers	4,499	5,021	522	$25.76	Long-term on-the-job training
27-3043	Writers and Authors	3,445	3,841	396	$14.96	Bachelor's degree
27-1024	Graphic Designers	3,270	3,574	304	$15.78	Bachelor's degree
17-3023	Electrical and Electronics Engineering Technicians	1,842	1,874	32	$26.99	Associate's degree
27-3041	Editors	1,754	1,870	116	$17.51	Bachelor's degree
49-9052	Telecommunications Line Installers and Repairers	1,753	1,606	-147	$22.09	Long-term on-the-job training
27-1025	Interior Designers	1,113	1,258	145	$17.75	Bachelor's degree
27-1014	Multimedia Artists and Animators	1,019	1,119	100	$11.37	Bachelor's degree
27-3022	Reporters and Correspondents	863	937	74	$14.50	Bachelor's degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	841	934	93	$10.16	Long-term on-the-job training
27-2011	Actors	716	817	101	$14.72	Long-term on-the-job training
27-4011	Audio and Video Equipment Technicians	666	739	73	$16.71	Postsecondary non-degree award
27-3011	Radio and Television Announcers	630	696	66	$12.70	Bachelor's degree
27-1021	Commercial and Industrial Designers	541	585	44	$25.81	Bachelor's degree
27-4031	Camera Operators, Television, Video, and Motion Picture	382	404	22	$14.17	Bachelor's degree
27-2031	Dancers	350	387	37	$11.57	Long-term on-the-job training
27-4012	Broadcast Technicians	342	376	34	$13.78	Associate's degree
43-9031	Desktop Publishers	276	261	-15	$19.53	Associate's degree
27-4032	Film and Video Editors	249	265	16	$17.93	Bachelor's degree
39-5091	Makeup Artists, Theatrical and Performance	213	236	23	$22.29	Postsecondary non-degree award
27-1022	Fashion Designers	184	190	6	$21.29	Associate's degree
27-1027	Set and Exhibit Designers	163	178	15	$14.02	Bachelor's degree
27-4014	Sound Engineering Technicians	162	161	-1	$17.98	Postsecondary non-degree award
27-3021	Broadcast News Analysts	70	78	8	$23.05	Bachelor's degree

Source: EMSI Complete Employment - 2012.4

Largest Growth

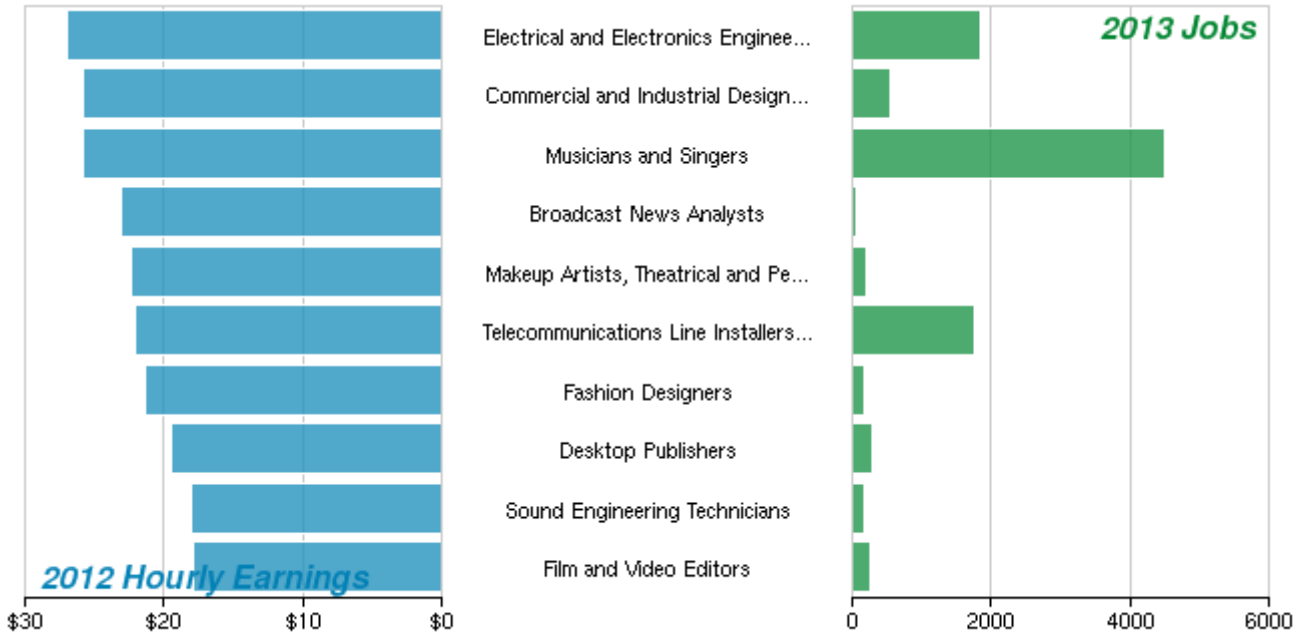


SOC Code	Description	2013 - 2018 Change	Openings	Annual Openings	2012 Hourly Earnings	Education
27-2042	Musicians and Singers	522	1,052	210	$25.76	Long-term on-the-job training
27-3043	Writers and Authors	396	830	166	$14.96	Bachelor's degree
27-4021	Photographers	357	785	157	$10.62	Long-term on-the-job training
27-1024	Graphic Designers	304	802	160	$15.78	Bachelor's degree
27-1025	Interior Designers	145	311	62	$17.75	Bachelor's degree
27-3041	Editors	116	368	74	$17.51	Bachelor's degree
27-2011	Actors	101	194	39	$14.72	Long-term on-the-job training
27-1014	Multimedia Artists and Animators	100	219	44	$11.37	Bachelor's degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	93	189	38	$10.16	Long-term on-the-job training
27-3022	Reporters and Correspondents	74	235	47	$14.50	Bachelor's degree
27-4011	Audio and Video Equipment Technicians	73	167	33	$16.71	Postsecondary non-degree award
27-3011	Radio and Television Announcers	66	161	32	$12.70	Bachelor's degree
27-1021	Commercial and Industrial Designers	44	127	25	$25.81	Bachelor's degree
27-2031	Dancers	37	106	21	$11.57	Long-term

SOC Code	Description	2013 - 2018 Change	Openings	Annual Openings	2012 Hourly Earnings	Education
						on-the-job training
27-4012	Broadcast Technicians	34	85	17	$13.78	Associate's degree
17-3023	Electrical and Electronics Engineering Technicians	32	227	45	$26.99	Associate's degree
39-5091	Makeup Artists, Theatrical and Performance	23	42	8	$22.29	Postsecondary non-degree award
27-4031	Camera Operators, Television, Video, and Motion Picture	22	56	11	$14.17	Bachelor's degree
27-4032	Film and Video Editors	16	39	8	$17.93	Bachelor's degree
27-1027	Set and Exhibit Designers	15	40	8	$14.02	Bachelor's degree
27-3021	Broadcast News Analysts	8	21	4	$23.05	Bachelor's degree
27-1022	Fashion Designers	6	41	8	$21.29	Associate's degree
27-4014	Sound Engineering Technicians	-1	30	6	$17.98	Postsecondary non-degree award
43-9031	Desktop Publishers	-15	30	6	$19.53	Associate's degree
49-9052	Telecommunications Line Installers and Repairers	-147	246	49	$22.09	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	-194	975	195	$14.26	Moderate-term on-the-job training

Source: EMSI Complete Employment - 2012.4

Highest Earnings



SOC Code	Description	2012 Hourly Earnings	2013 Jobs	2013 - 2018 Change	Annual Openings	Education
17-3023	Electrical and Electronics Engineering Technicians	$26.99	1,842	32	45	Associate's degree
27-1021	Commercial and Industrial Designers	$25.81	541	44	25	Bachelor's degree
27-2042	Musicians and Singers	$25.76	4,499	522	210	Long-term on-the-job training
27-3021	Broadcast News Analysts	$23.05	70	8	4	Bachelor's degree
39-5091	Makeup Artists, Theatrical and Performance	$22.29	213	23	8	Postsecondary non-degree award
49-9052	Telecommunications Line Installers and Repairers	$22.09	1,753	-147	49	Long-term on-the-job training
27-1022	Fashion Designers	$21.29	184	6	8	Associate's degree
43-9031	Desktop Publishers	$19.53	276	-15	6	Associate's degree
27-4014	Sound Engineering Technicians	$17.98	162	-1	6	Postsecondary non-degree award
27-4032	Film and Video Editors	$17.93	249	16	8	Bachelor's degree
27-1025	Interior Designers	$17.75	1,113	145	62	Bachelor'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
27-3043	Writers and Authors	$14.96	3,445	396	166	Bachelor's degree
27-2011	Actors	$14.72	716	101	39	Long-term on-the-job training
27-3022	Reporters and Correspondents	$14.50	863	74	47	Bachelor's degree
47-2141	Painters, Construction and Maintenance	$14.26	7,116	-194	195	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	$14.17	382	22	11	Bachelor's degree
27-1027	Set and Exhibit Designers	$14.02	163	15	8	Bachelor's degree
27-4012	Broadcast Technicians	$13.78	342	34	17	Associate's degree
27-3011	Radio and Television Announcers	$12.70	630	66	32	Bachelor's degree
27-2031	Dancers	$11.57	350	37	21	Long-term on-the-job training
27-1014	Multimedia Artists and Animators	$11.37	1,019	100	44	Bachelor's degree
27-4021	Photographers	$10.62	7,462	357	157	Long-term on-the-job training
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	$10.16	841	93	38	Long-term on-the-job training

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.