

Program Endorsement Brief: 0614.40/Animation

Los Angeles/Orange County Center of Excellence, February 2019

Summary:

The Los Angeles/Orange County Center of Excellence for Labor Market Research (COE) prepared this report to provide regional labor market supply and demand data related to animation. This report is intended to help determine whether there is demand in the local labor market that is not being met by the supply from community college programs that align with relevant occupations.

The following summarizes key findings from this data brief:

- Jobs related to animation are decreasing by 2% over the next five years; however, more than 2,500 job openings will be available annually due to replacement need.
- Over the past 12 months, there were 1,650 online job postings related to animation in Los Angeles and Orange Counties.
- Three other related program recommendation requests were received between January and December 2018 from regional community colleges.
- Eleven colleges in the region have existing programs closely related to animation.
- Between 2014 and 2017, community colleges in the region conferred an average of 70 awards annually (associate degrees and certificates) in related training programs.

Occupational Demand—In Los Angeles/Orange County, the number of jobs related to animation is projected to decrease by 2%. However, due to retirements and workers leaving the field there will be more than 2,500 job openings per year through 2023 (Exhibit 1).

Exhibit 1: Occupational demand in Los Angeles and Orange Counties¹

Geography	2017 Jobs	2022 Jobs	2018-2023 Change	2018-2023 % Change	Annual Openings
Los Angeles	25,455	24,943	(512)	(2%)	2,381
Orange	1,499	1,581	82	5%	147
Total	26,954	26,524	(430)	(2%)	2,527

¹ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

Wages—Entry-level wages for animation occupations in the region are between \$12.20 and \$19.01. Entry-level wages for multimedia artists and animators, and sound engineering technicians are lower than the MIT Living hourly wage for one adult in the region (\$13.54 in Los Angeles County and \$15.31 in Orange County). Experienced workers earn between \$58.66 and \$101.31.

Job Postings—There were 1,650 online job postings related to animation listed in the past 12 months. The majority of job postings were for video editors, animators, and graphic designers. Top specialized skills are: Adobe Photoshop, animation, and Adobe After Effects. The top three employers, by number of job postings, in the region are: Activision, Electronic Arts Incorporated, and Blizzard Entertainment.

Educational Attainment—The BLS lists a Bachelor’s degree as the typical entry-level education for both multimedia artists and animators, and film and video editors; a postsecondary certificate for sound engineering technicians. The national-level educational attainment data indicates between 27% and 45% of workers in the field have completed some college or an associate degree. In Los Angeles/Orange County, 89% of job postings request a Bachelor’s degree.

Community College Supply—Appendix A shows the annual and three-year average number of awards conferred by community colleges in Animation (0614.40). The colleges with the most completions in the region are: Mt. San Antonio and Santa Monica. Between January and December 2018, there were three other related program recommendation requests from regional community colleges.

Appendix A: Regional community college awards (certificates and degrees), 2014-2017

TOP Code	Program	College	2014-15 Awards	2015-16 Awards	2016-2017 Awards	3-Year Award Average
0614.40	Animation	Cerritos	1	3	4	3
		Cypress	3	1	9	4
		East LA	3	9	3	5
		El Camino	-	1	-	0
		Glendale	4	3	4	4
		Irvine	1	-	-	0
		LA Mission	2	3	4	3
		Mt San Antonio	29	26	19	25
		Rio Hondo	7	10	11	9
		Santa Ana	3	2	5	3
		Santa Monica	15	13	12	13
		Total/Average	68	71	71	70

Appendix B: Occupational demand and wage data by county

Exhibit 2. Los Angeles County

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Film and Video Editors (27-4032)	13,897	13,821	(76)	(1%)	1,406	\$19.09	\$32.53	\$99.26
Multimedia Artists and Animators (27-1014)	7,547	7,291	(256)	(3%)	609	\$12.32	\$32.90	\$58.95
Sound Engineering Technicians (27-4014)	4,011	3,830	(181)	(5%)	365	\$13.34	\$30.45	\$67.96
Total	25,455	24,943	(512)	(2%)	2,381			

Exhibit 3. Orange County

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Multimedia Artists and Animators (27-1014)	775	803	28	4%	67	\$11.45	\$23.45	\$43.39
Film and Video Editors (27-4032)	382	429	47	12%	47	\$20.97	\$29.17	\$60.06
Sound Engineering Technicians (27-4014)	342	349	7	2%	33	\$17.64	\$30.50	\$48.84
Total	1,499	1,581	82	5%	147			

Exhibit 4. Los Angeles and Orange Counties

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Film and Video Editors (27-4032)	14,279	14,250	(29)	0%	1,453	\$19.01	\$32.40	\$101.31
Multimedia Artists and Animators (27-1014)	8,322	8,094	(228)	(3%)	676	\$12.20	\$31.51	\$58.66
Sound Engineering Technicians (27-4014)	4,353	4,179	(174)	(4%)	398	\$13.52	\$30.46	\$67.73
Total	26,954	26,524	(430)	(2%)	2,527			

Appendix C: Sources

- O*NET Online
- Labor Insight/Jobs (Burning Glass)
- Economic Modeling Specialists, International (EMSI)
- Employment Development Department, Labor Market Information Division, OES
- Employment Development Department, Unemployment Insurance Dataset
- Living Insight Center for Community Economic Development
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- MIT Living Wage
- Chancellor's Office Curriculum Inventory (COCI 2.0)

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February 2019

