

DATA SHEET

No. 63-16

October 2016

Labor Market Employment and Wage Data for Occupations in the Arts for the Washington Metropolitan Area: 2011 through 2015

This Data Sheet presents the Labor Market Employment and Wage Data¹ for Occupations in the Arts for the Washington Metropolitan Area (see Appendix for specific areas included) from 2011 through 2015. Occupations in the Arts include, but are not limited to, various types of Designers, Artists, Editors, Musicians, and Photographers.

Data Notes

- **Standard Occupational Classification (SOC):** The OES estimates are based on the full Standard Occupational Classification (SOC) system, which is used by Federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data. All workers are classified into one of 840 detailed occupations according to their occupational definition. To facilitate classification, detailed occupations are combined to form 461 broad occupations, 97 minor groups, and 23 major groups. Detailed occupations in the SOC with similar job duties, and in some cases, skills, education, and/or training, are grouped together.
- **Occupational Employment and Wage Estimates:** These estimates are calculated from data collected in a national survey of employers. Data on occupational employment and wages are collected from employers of every size, in every state, in metropolitan and nonmetropolitan areas, in all industry sectors. These estimates are cross-industry estimates; each occupation's employment and wage estimates are calculated from data collected from employers in all industry sectors. Self-employed persons are not included in the survey or estimates.
- **Location Quotient:** The location quotient is the ratio of an occupation's share of employment in a given area to that occupation's share of employment in the U.S. as a whole. For example, an occupation that makes up 10 percent of employment in a specific metropolitan area compared with 2 percent of U.S. employment would have a location quotient of 5 for the area in question.

¹ These data come from two sources: The Bureau of Labor Statistics' (BLS) Occupational Employment Statistics (OES) Reports from 2011 to 2015 and Burning Glass' Labor Insight Database.

Occupational Employment Estimates (Table 1) are calculated from data collected in a national survey of employers. Data on occupational employment are collected from employers of every size, in every state, in metropolitan and nonmetropolitan areas, in all industry sectors. These estimates are cross-industry estimates; each occupation's employment estimates are calculated from data collected from employers in all industry sectors. Self-employed persons are not included in the survey or estimates.

Table 1. Estimated Total Occupational Employment in Arts Occupations in the Washington Metropolitan Area: 2011 through 2015

Arts Occupation Title (SOC Code)	Total Employment				
	2011	2012	2013	2014	2015
Graphic Designers (27-1024)	5,810	5,410	5,080	5,460	5,460
Producers and Directors (27-2012)	2,600	2,740	2,580	2,780	2,940
Writers and Authors (27-3043)	2,720	2,640	2,600	2,440	2,350
Interior Designers (27-1025)	1,510	1,480	1,670	1,520	1,730
Artists and Related Workers, All Other (27-1019)	1,750	1,690	1,630	1,610	1,550
Museum Technicians and Conservators (25-4013)	1,250	1,220	930	830	870
Photographers (27-4021)	1,150	1,110	960	830	840
Musicians and Singers (27-2042)	590	680	710	780	820
Media and Communication Equipment Workers, All Other (27-4099)	1,090	1,020	1,040	980	810
Camera Operators, Television, Video, and Motion Picture (27-4031)	360	400	460	500	790
Art Directors (27-1011)	710	720	630	610	650
Actors (27-2011)	*	*	620	560	650
Media and Communication Workers, All Other (27-3099)	770	840	680	450	430
Multimedia Artists and Animators (27-1014)	480	520	460	500	410
Set and Exhibit Designers (27-1027)	300	310	340	360	410
Music Directors and Composers (27-2041)	340	320	290	230	350
Archivists (25-4011)	350	410	440	410	350
Film and Video Editors (27-4032)	420	470	460	350	310
Sound Engineering Technicians (27-4014)	280	370	340	340	290
Curators (25-4012)	350	340	270	280	280
Designers, All Other (27-1029)	130	160	150	170	240
Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013)	80	100	180	180	130

*Estimates not included in BLS/OES Reports.

Note: Data do not include Self-Employment.

Source: Bureau of Labor Statistics' (BLS) Occupational Employment Statistics (OES) Reports

The following job postings data (Table 2) comes from the Burning Glass software. Burning Glass collects millions of online job postings from close to 40,000 sources on a daily basis. Both Burning Glass and OES estimates are based on the Office of Management and Budget's revised metropolitan area definitions. These results are based on the 2010 decennial census.

Table 2. Annual Number of Online Job Postings in the Arts for the Washington Metropolitan Area: 2011 through 2015

Arts Occupation Title (SOC Code)	Online Job Postings				
	2011	2012	2013	2014	2015
Graphic Designers (27-1024)	903	905	1,076	1,170	1,695
Photographers (27-4021)	125	210	299	236	922
Producers and Directors (27-2012)	371	449	584	608	799
Writers and Authors (27-3043)	487	472	636	559	796
Designers, All Other (27-1029)	378	326	521	490	671
Interior Designers (27-1025)	160	207	172	279	482
Art Directors (27-1011)	111	139	159	160	289
Multimedia Artists and Animators (27-1014)	144	127	201	177	240
Camera Operators, Television, Video, and Motion Picture (27-4031)	84	106	128	81	157
Film and Video Editors (27-4032)	19	42	70	52	106
Sound Engineering Technicians (27-4014)	48	38	52	54	87
Curators (25-4012)	40	56	79	86	86
Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013)	57	40	51	51	81
Archivists (25-4011)	47	61	42	63	79
Actors (27-2011)	71	74	103	104	68
Museum Technicians and Conservators (25-4013)	17	30	32	41	65
Musicians and Singers (27-2042)	43	49	56	37	44
Music Directors and Composers (27-2041)	29	30	44	36	41
Set and Exhibit Designers (27-1027)	14	9	18	26	18
Artists and Related Workers, All Other (27-1019)	1	0	0	5	0
Media and Communication Workers, All Other (27-3099)	0	0	0	0	0
Media and Communication Equipment Workers, All Other (27-4099)	1	0	0	0	0

Source: Burning Glass' Labor Insight Database.

Wage Estimates (Tables 3 and 4) are calculated from data collected in a national survey of employers. Data on wages are collected from employers of every size, in every state, in metropolitan and nonmetropolitan areas, in all industry sectors. These estimates are cross-industry estimates; each occupation's wage estimates are calculated from data collected from employers in all industry sectors. Self-employed persons are not included in the survey or estimates.

Table 3. Estimated Mean and Median Hourly Wages of Arts Occupations in the Washington Metropolitan Area: 2011 through 2015

Arts Occupation Title (SOC Code)	Hourly Wage									
	2011		2012		2013		2014		2015	
	Mean	Median	Mean	Median	Mean	Median	Mean	Median	Mean	Median
Media and Communication Equipment Workers, All Other (27-4099)	\$44.22	\$45.60	\$43.97	\$45.59	\$42.55	\$44.39	\$43.48	\$45.32	\$44.21	\$46.76
Art Directors (27-1011)	\$38.23	\$37.20	\$40.16	\$39.04	\$42.86	\$40.90	\$44.40	\$42.67	\$48.59	\$44.88
Artists and Related Workers, All Other (27-1019)	\$40.18	\$40.79	\$40.24	\$40.80	\$40.61	\$40.80	\$40.81	\$41.21	\$41.20	\$42.84
Camera Operators, Television, Video, and Motion Picture (27-4031)	\$32.38	\$33.18	\$33.22	\$32.26	\$34.22	\$32.36	\$33.84	\$32.58	\$39.26	\$40.48
Writers and Authors (27-3043)	\$37.50	\$36.08	\$37.60	\$37.19	\$38.56	\$38.89	\$39.88	\$39.66	\$41.92	\$40.40
Producers and Directors (27-2012)	\$42.57	\$40.80	\$42.34	\$40.80	\$40.30	\$39.45	\$39.89	\$38.78	\$39.99	\$38.67
Curators (25-4012)	\$30.76	\$29.53	\$30.61	\$29.18	\$34.55	\$34.97	\$38.04	\$37.34	\$38.66	\$37.95
Archivists (25-4011)	\$34.58	\$34.04	\$32.81	\$32.04	\$32.43	\$31.26	\$33.32	\$33.37	\$36.23	\$37.26
Film and Video Editors (27-4032)	\$31.85	\$30.64	\$36.01	\$33.76	\$35.79	\$34.28	\$35.44	\$31.66	\$34.57	\$34.80
Multimedia Artists and Animators (27-1014)	\$29.80	\$28.36	\$30.86	\$28.34	\$31.27	\$29.54	\$31.23	\$29.42	\$33.78	\$33.02
Set and Exhibit Designers (27-1027)	\$30.46	\$32.04	\$31.89	\$32.43	\$30.60	\$31.44	\$31.26	\$32.57	\$29.88	\$31.50
Graphic Designers (27-1024)	\$30.13	\$29.55	\$30.61	\$29.87	\$31.00	\$30.21	\$31.16	\$29.67	\$32.07	\$30.82
Museum Technicians and Conservators (25-4013)	\$26.52	\$23.74	\$26.90	\$24.35	\$30.26	\$28.98	\$31.65	\$30.34	\$31.70	\$30.64
Music Directors and Composers (27-2041)	\$28.53	\$26.78	\$27.79	\$23.44	\$26.43	\$22.49	\$27.84	\$25.22	\$31.36	\$30.33
Interior Designers (27-1025)	\$30.45	\$27.05	\$30.51	\$26.52	\$33.18	\$27.60	\$33.04	\$28.19	\$34.13	\$28.63
Media and Communication Workers, All Other (27-3099)	\$23.45	\$19.69	\$23.25	\$19.94	\$27.67	\$24.01	\$31.56	\$28.78	\$30.88	\$27.17
Musicians and Singers (27-2042)	\$30.80	\$25.03	\$30.82	\$25.71	\$29.94	\$25.33	\$27.64	\$25.93	\$28.39	\$26.54
Sound Engineering Technicians (27-4014)	\$25.67	\$22.92	\$26.63	\$24.47	\$27.14	\$24.40	\$28.16	\$24.86	\$27.64	\$23.00
Designers, All Other (27-1029)	\$29.18	\$28.57	\$22.74	\$14.06	\$25.25	\$24.21	\$23.51	\$22.22	\$23.00	\$21.55
Photographers (27-4021)	\$23.23	\$17.71	\$23.15	\$18.14	\$24.02	\$19.98	\$24.31	\$22.10	\$22.37	\$20.50
Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013)	\$23.39	\$22.29	\$21.69	\$20.14	\$18.47	\$16.50	\$20.13	\$17.90	\$21.16	\$18.23
Actors (27-2011)	\$17.42	\$11.41	\$18.50	\$12.91	\$19.97	\$14.45	\$30.51	\$17.19	\$28.12	\$14.83

Source: Bureau of Labor Statistics' (BLS) Occupational Employment Statistics (OES) Reports

Table 4. Estimated Mean Annual Wages in Arts Occupations in the Washington Metropolitan Area: 2011 through 2015

Arts Occupation Title (SOC Code)	Mean Annual Wage				
	2011	2012	2013	2014	2015
Art Directors (27-1011)	\$79,520	\$83,540	\$89,150	\$92,360	\$101,060
Media and Communication Equipment Workers, All Other (27-4099)	\$91,980	\$91,460	\$88,500	\$90,440	\$91,950
Writers and Authors (27-3043)	\$78,000	\$78,200	\$80,200	\$82,950	\$87,200
Artists and Related Workers, All Other (27-1019)	\$83,560	\$83,710	\$84,460	\$84,890	\$85,690
Producers and Directors (27-2012)	\$88,540	\$88,070	\$83,830	\$82,690	\$83,190
Camera Operators, Television, Video, and Motion Picture (27-4031)	\$67,360	\$69,100	\$71,170	\$70,380	\$81,660
Curators (25-4012)	\$63,970	\$63,680	\$71,870	\$79,120	\$80,420
Archivists (25-4011)	\$71,930	\$68,240	\$67,450	\$69,300	\$75,360
Film and Video Editors (27-4032)	\$66,240	\$74,900	\$74,440	\$73,720	\$71,910
Interior Designers (27-1025)	\$63,340	\$63,460	\$69,000	\$68,730	\$70,990
Multimedia Artists and Animators (27-1014)	\$61,980	\$64,190	\$65,040	\$64,950	\$70,260
Graphic Designers (27-1024)	\$62,670	\$63,660	\$64,480	\$64,810	\$66,700
Museum Technicians and Conservators (25-4013)	\$55,160	\$55,960	\$62,940	\$65,840	\$65,940
Music Directors and Composers (27-2041)	\$59,350	\$57,790	\$54,970	\$57,900	\$65,230
Media and Communication Workers, All Other (27-3099)	\$48,780	\$48,360	\$57,560	\$65,640	\$64,230
Set and Exhibit Designers (27-1027)	\$63,360	\$66,340	\$63,650	\$65,020	\$62,150
Sound Engineering Technicians (27-4014)	\$53,390	\$55,390	\$56,440	\$58,570	\$57,490
Designers, All Other (27-1029)	\$60,690	\$47,290	\$52,510	\$48,910	\$47,840
Photographers (27-4021)	\$48,320	\$48,150	\$49,960	\$50,560	\$46,540
Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013)	\$48,660	\$45,110	\$38,420	\$41,870	\$44,010
Actors (27-2011)	*	*	*	*	*
Musicians and Singers (27-2042)	*	*	*	*	*

*Wages for some occupations that do not generally work year-round, full time, are reported either as hourly wages or annual salaries depending on how they are typically paid.

Source: Bureau of Labor Statistics' (BLS) Occupational Employment Statistics (OES) Reports

The location quotient is the ratio of an occupation's share of employment in a given area to that occupation's share of employment in the U.S. as a whole. For example, an occupation that makes up 10 percent of employment in a specific metropolitan area compared with 2 percent of U.S. employment would have a location quotient of 5 for the area in question.

Table 5. Location Quotients for Arts Occupations in the Washington Metropolitan Area: 2011 through 2015

Arts Occupation Title (SOC Code)	Location Quotient				
	2011	2012	2013	2014	2015
Artists and Related Workers, All Other (27-1019)	10.82	11.09	9.90	9.57	9.28
Museum Technicians and Conservators (25-4013)	5.36	5.24	4.27	3.83	3.72
Archivists (25-4011)	2.86	3.23	3.62	3.48	2.95
Writers and Authors (27-3043)	2.98	2.82	2.70	2.58	2.50
Media and Communication Equipment Workers, All Other (27-4099)	3.33	3.26	2.93	2.55	2.10
Camera Operators, Television, Video, and Motion Picture (27-4031)	0.99	1.11	1.24	1.25	1.81
Designers, All Other (27-1029)	0.71	0.97	0.92	1.15	1.65
Set and Exhibit Designers (27-1027)	1.60	1.62	1.57	1.57	1.60
Interior Designers (27-1025)	1.65	1.63	1.73	1.55	1.56
Producers and Directors (27-2012)	1.40	1.41	1.26	1.31	1.29
Graphic Designers (27-1024)	1.36	1.27	1.18	1.27	1.23
Curators (25-4012)	1.53	1.49	1.13	1.15	1.09
Musicians and Singers (27-2042)	0.62	0.72	0.81	0.92	1.02
Sound Engineering Technicians (27-4014)	0.83	1.16	1.15	1.12	0.96
Media and Communication Workers, All Other (27-3099)	1.45	1.72	1.17	0.82	0.89
Art Directors (27-1011)	1.03	1.02	0.89	0.84	0.87
Photographers (27-4021)	0.94	0.89	0.79	0.73	0.78
Music Directors and Composers (27-2041)	0.60	0.58	0.57	0.48	0.74
Multimedia Artists and Animators (27-1014)	0.76	0.80	0.67	0.80	0.62
Actors (27-2011)	*	*	0.45	0.43	0.59
Film and Video Editors (27-4032)	0.90	0.98	0.95	0.66	0.52
Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013)	0.29	0.36	0.68	0.67	0.47

*Estimates not included in BLS/OES Reports.

Note: Data do not include Self-Employment.

Source: Bureau of Labor Statistics' (BLS) Occupational Employment Statistics (OES) Reports

Appendix

Washington Metropolitan Area: The Washington-Arlington-Alexandria, DC-VA-MD-WV

Metropolitan Division includes the following locales:

- Alexandria City, VA
- Arlington County, VA
- Calvert County, MD
- Charles County, MD
- Clarke County, VA
- Culpeper County, VA
- District of Columbia
- Fairfax County, VA
- Fairfax City, VA
- Falls Church City, VA
- Fauquier County, VA
- Frederick County, MD
- Fredericksburg City, VA
- Jefferson County, WV
- Loudoun County, VA
- Manassas Park City, VA
- Manassas City, VA
- Montgomery County, MD
- Prince George's County, MD
- Prince William County, VA
- Rappahannock County
- Spotsylvania County, VA
- Stafford County, VA
- Warren County, VA