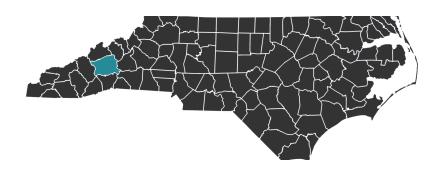
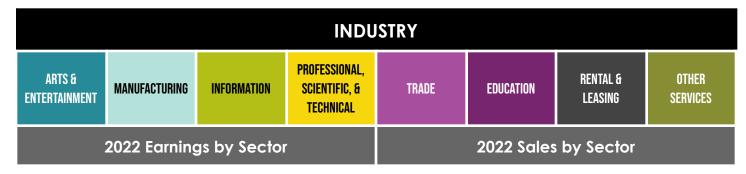


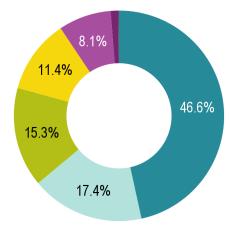
BUNCOMBE COUNTY, NC

2022 Creative Economy Snapshot

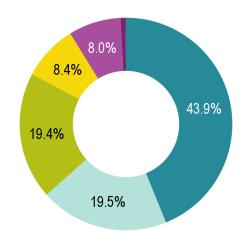
This snapshot takes an arts forward look at the Creative Economy in Buncombe County, NC. Data from 56 industries was gathered using the North American Industry Classification System (NAICS) to estimate industry activity, and the Standard Occupational Classification (SOC) System was used to identify 66 occupations.







Total \$352,991,500 | A 8.3% (2021-2022)



Total \$969,363,253

Top 5 Core Creative Industries by Earnings

- 1 Historical Sites
- 2 Commercial Printing (except Screen and Books)
- 3 Independent Artists, Writers, and Performers
- Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
- **5** Graphic Design Services

Top 5 Core Creative Industries by Sales

- 1 Historical Sites
- 2 Commercial Printing (except Screen and Books)
- Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
- 4 Independent Artists, Writers, and Performers
- **5** Radio Broadcasting Stations

OCCUPATION



% Change (2021-2022)

8,480

△ 4%



Top **5** Core Creative Occupations

1 Photographers

2 Musicians and Singers

3 Writers and Authors

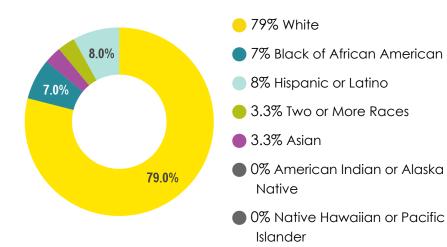
Fine Artists, Including Painters,
Sculptors, and Illustrators

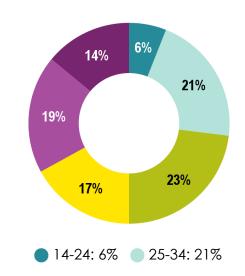
5 Graphic Designers

Demographics

Race/Ethnicity

Age

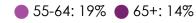




Gender

46% Male





35-44: 23% 45-54: 17%





54% Female

ENDNOTES: Sponsored by Buncombe County Government. Data compiled by Riverbird Research using Lightcast 2023.3. All data reflects a snapshot or point in time and may be subject to periodic adjustment. Margins of error may apply. Data in this analysis includes estimates for four Class of Worker categories: QCEW, Non-QCEW, Self-Employed, and Extended Proprietors.

APPENDIX

Methodology

There is no right way to define the creative economy. Creativity is a fundamental part of what it means to be human and creative skill sets are naturally part of many industries and occupations. Nowhere is that influence more apparent than in the arts.

Instead of taking an expansive view, this report looks at the creative economy through the lens of an arts agency. Therefore, the scope has been limited to industries and occupations that feasibly fall within an arts agency's sphere of influence.

The North American Industry Classification System (NAICS) is used to define industries and the Standard Occupational Classification (SOC) code system is used to define occupations. These systems are nationally accepted, and provide the most reliable and current results.

Since these systems encompass all US industries and occupations, multiple focus areas can be grouped under the same code. There are aspects of the creative economy that cannot be fully captured using these code systems. Additionally, there are some pieces of other industries or occupations that do not completely apply to the arts that may be mixed in arts data.

To define the creative economy, industries and occupations that fall under one of six arts mediums were identified: performing, visual, craft, literary, media, and interdisciplinary. These mediums were then further refined to the following sub-categories:

- Performing: theatre, dance, music, and other types of performance
- Visual: painting, sculpture, photography, mixed media
- Craft: ceramics, glass, fiber, metal or wood
- Literary: writing, journalism
- Media: graphic and web design, radio, television, film
- Interdisciplinary: has a significant presence in more than one of the arts mediums

Creative Industries

CODE	NAICS INDUSTRY TITLE	DEFINITION
323111	Commercial printing (except Screen and Books) (code changed in 2022, previously 323119)	This U.S. industry comprises establishments primarily engaged in commercial printing (except screen printing, books printing) without publishing (except fabric grey goods printing). The printing processes used in this industry include, but are not limited to, lithographic, gravure, flexographic, letterpress, engraving, and various digital printing technologies. This industry includes establishments engaged in commercial printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job-order basis. Establishments primarily engaged in traditional printing activities combined with document photocopying services (i.e., quick printers) or primarily engaged in printing graphical materials using digital printing equipment are included in this industry.

323113	Commercial screen printing	This U.S. industry comprises establishments primarily engaged in screen printing without publishing (except books, fabric grey goods, and manifold business forms). This industry includes establishments engaged in screen printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job-order basis. Establishments primarily engaged in printing on apparel and textile products, such as T-shirts, caps, jackets, towels, and napkins, are included in this industry.
323117	Books printing	This U.S. industry comprises establishments primarily engaged in printing or printing and binding books and pamphlets without publishing.
323120	Support activities for printing	This industry comprises establishments primarily engaged in performing prepress and postpress services in support of printing activities. Prepress services may include such things as platemaking, typesetting, trade binding, and sample mounting. Postpress services include such things as book or paper bronzing, die cutting, edging, embossing, folding, gilding, gluing, and indexing.
325992	Photographic film, paper, plate, chemical, and copy toner manufacturing (code changed in 2022, previously 333316)	This U.S. industry comprises establishments primarily engaged in manufacturing sensitized film, sensitized paper, sensitized cloth, sensitized plates, toners (i.e., for photocopiers, laser printers, and similar electrostatic printing devices), toner cartridges, and photographic chemicals.
327110	Pottery, ceramics and plumbing material manufacturing	This industry comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, plumbing fixtures, and electrical supplies made entirely or partly of clay or other ceramic materials.
327212	Other pressed and blown glass and glassware manufacturing	This U.S. industry comprises establishments primarily engaged in manufacturing glass by melting silica sand or cullet and making pressed, blown, or shaped glass or glassware (except glass packaging containers).
327215	Glass product manufacturing made of purchased glass (code changed in 2022, previously 327215)	This U.S. industry comprises establishments primarily engaged in coating, laminating, tempering, or shaping purchased glass.
332323	Ornamental, sheet, and architectural metal work manufacturing	This U.S. industry comprises establishments primarily engaged in manufacturing ornamental and architectural metal work, such as staircases, metal open steel flooring, fire escapes, railings, and scaffolding.
334220	Radio and television broadcasting and wireless communications equipment manufacturing	This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.
334310	Audio and video equipment manufacturing	This industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicles, and public address and musical instrument amplification. Examples of products made by these establishments are digital video recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

337122	Nonupholstered wood household furniture manufacturing	This U.S. industry comprises establishments primarily engaged in manufacturing nonupholstered wood household-type furniture and freestanding cabinets (except television, stereo, and sewing machine cabinets). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).
337212	Custom architectural woodwork and millwork manufacturing	This U.S. industry comprises establishments primarily engaged in manufacturing custom designed interiors consisting of architectural woodwork and fixtures utilizing wood, wood products, and plastics laminates. All of the industry output is made to individual order on a job shop basis and requires skilled craftsmen as a labor input. A job might include custom manufacturing of display fixtures, gondolas, wall shelving units, entrance and window architectural detail, sales and reception counters, wall paneling, and matching furniture.
339910	Jewelry and silverware manufacturing	This industry comprises establishments primarily engaged in one or more of the following: (1) manufacturing, engraving, chasing, or etching fine and costume jewelry; (2) manufacturing, engraving, chasing, or etching metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases); (3) manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter flatware and other hollowware; (4) stamping coins; (5) manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing; (6) cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems; (7) recutting, repolishing, and setting gem stones; and (8) drilling, sawing, and peeling cultured and costume pearls. This industry includes establishments primarily engaged in manufacturing precious solid, precious clad, and precious plated jewelry and personal goods.
339992	Musical instrument manufacturing	This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).
423410	Photographic equipment and supplies wholesaler	This industry comprises establishments primarily engaged in the merchant wholesale distribution of photographic equipment and supplies (except office equipment).
459130	Sewing, needlework, and piece good stores (code changed in 2022, previously 451130)	This industry comprises establishments primarily engaged in retailing new sewing supplies, fabrics, patterns, yarns, and other needlework accessories or retailing these products in combination with new sewing machines.
459140	Musical instrument and supplies retailers (code changed in 2022, previously 451140)	This industry comprises establishments primarily engaged in retailing new musical instruments, sheet music, and related supplies; or retailing these new products in combination with musical instrument repair, rental, or music instruction.
459210	Book retailers and news dealers (code changed in 2022, previously 451211)	This industry comprises establishments primarily engaged in retailing new books, newspapers, magazines, and other periodicals (without publishing).
459920	Art dealers (code changed in 2022, previously 453920)	This industry comprises establishments primarily engaged in retailing original and limited edition art works created by others. Included in this industry are establishments primarily engaged in displaying works of art for retail sale in art galleries.
512110	Motion picture and video production	This industry comprises establishments primarily engaged in producing, or producing and distributing motion pictures, videos, television programs, or television commercials.
512120	Motion picture and video distribution	This industry comprises establishments primarily engaged in acquiring distribution rights and distributing film and video productions to motion picture theaters, television

		networks and stations, other media broadcast and streaming outlets, and exhibitors.
512131	Motion picture theaters	This U.S. industry comprises establishments primarily engaged in operating motion picture theaters (except drive-ins) and/or exhibiting motion pictures or videos at film festivals, and so forth.
512132	Drive-in motion picture theaters	This U.S. industry comprises establishments primarily engaged in operating drive-in motion picture theaters.
512191	Teleproduction and other postproduction services	This U.S. industry comprises establishments primarily engaged in providing specialized motion picture or video postproduction services, such as editing, film/tape transfers, subtitling, credits, closed captioning, and animation and special effects.
512199	Other motion picture and video industries	This U.S. industry comprises establishments primarily engaged in providing motion picture and video services (except motion picture and video production, distribution, exhibition, and teleproduction and other postproduction services).
512230	Music publishers	This industry comprises establishments primarily engaged in acquiring and registering copyrights for musical compositions in accordance with law and promoting and authorizing the use of these compositions in recordings, radio, television, motion pictures, live performances, print, or other media. Establishments in this industry represent the interests of the songwriter or other owners of musical compositions to produce revenues from the use of such works, generally through licensing agreements. These establishments may own the copyright or act as administrator of the music copyrights on behalf of copyright owners. Publishers of music books and sheet music are included in this industry.
512240	Sound recording studios	This industry comprises establishments primarily engaged in providing the facilities and technical expertise for sound recording in a studio. This industry includes establishments that provide audio production and postproduction services to produce master recordings. These establishments may provide audio services for film, television, and video productions.
512250	Record production and distribution	This industry comprises establishments primarily engaged in record production and/or releasing, promoting, and distributing sound recordings to wholesalers, retailers, or directly to the public. These establishments contract with artists, arrange and finance the production of original master recordings, and/or produce master recordings themselves, such as digital music and compact discs. Establishments in this industry hold the copyright to the master recording, or obtain reproduction and distribution rights to master recordings produced by others, and derive most of their revenues from the sales, leasing, licensing, or distribution of master recordings.
512290	Other sound recording industries	This industry comprises establishments primarily engaged in providing sound recording services (except record production, distribution, music publishing, and sound recording in a studio). Establishments in this industry provide services, such as the audic recording of meetings and conferences.
513110	Newspaper publishers (code changed in 2022, previously 511110)	This industry comprises establishments known as newspaper publishers. Establishments in this industry carry out operations necessary for producing and distributing newspapers, including gathering news; writing news columns, feature stories, and editorials; and selling and preparing advertisements. These establishments may publish newspapers in print or electronic form, including exclusively on the Internet.
513120	Periodical publishers (code changed in 2022, previously 511120)	This industry comprises establishments known either as magazine publishers or periodical publishers. These establishments carry out the operations necessary for producing and distributing magazines and other periodicals, such as gathering, writing, and editing articles, and selling and preparing advertisements. These establishments may publish magazines and other periodicals in print or electronic form, including exclusively on the Internet.

513130	Book publishers (code changed in 2022, previously 511130)	This industry comprises establishments known as book publishers. Establishments in this industry carry out design, editing, and marketing activities necessary for producing and distributing books. These establishments may publish books in print, electronic, or audio form, including exclusively on the Internet.
513191	Greeting card publishers (code changed in 2022, previously 511191)	This U.S. industry comprises establishments primarily engaged in publishing greeting cards. These establishments may publish works in print or electronic form, including exclusively on the Internet.
513199	All other publishers (code changed in 2022, previously 511199)	This U.S. industry comprises establishments generally known as publishers (except newspaper, magazine, book, directory, mailing list, music, software, and greeting card publishers). These establishments may publish works in print or electronic form, including exclusively on the Internet.
516110	Radio broadcasting stations (2022 rev. combined 515111 and 515112)	This industry comprises establishments primarily engaged in broadcasting aural programs by radio to the public. These establishments operate radio broadcasting studios and facilities for the programming and transmission of programs to the public. Programming may originate in their own studio, from an affiliated network, or from external sources.
516120	Television broadcasting stations (code changed in 2022, previously 515120)	This industry comprises establishments primarily engaged in broadcasting images together with sound. These establishments operate television broadcasting studios and facilities for the programming and transmission of programs to the public. Programming may originate in their own studio, from an affiliated network, or from external sources.
519210	Libraries and archives (code changed in 2022, previously 519120)	This industry comprises establishments primarily engaged in providing library or archive services. These establishments are engaged in maintaining collections of documents (e.g., books, journals, newspapers, and music) and facilitating the use of such documents (recorded information regardless of its physical form and characteristics) as required to meet the informational, research, educational, or recreational needs of their user. These establishments may also acquire, research, store, preserve, and generally make accessible to the public historical documents, photographs, maps, audio material, audiovisual material, and other archival material of historical interest. All or portions of these collections may be accessible electronically.
532282	Video tape and disc rental	This U.S. industry comprises establishments primarily engaged in renting prerecorded video tapes and discs for home electronic equipment, including renting through vending machines.
541420	Industrial design services	This industry comprises establishments primarily engaged in creating and developing designs and specifications that optimize the use, value, and appearance of products. These services can include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance. Establishments providing automobile or furniture industrial design services or industrial design consulting services are included in this industry.
541430	Graphic design services	This industry comprises establishments primarily engaged in planning, designing, and managing the production of visual communication in order to convey specific messages or concepts, clarify complex information, or project visual identities. These services can include the design of printed materials, packaging, advertising, signage systems, and corporate identification (logos). This industry also includes commercial artists engaged exclusively in generating drawings and illustrations requiring technical accuracy or interpretative skills.

541810	Advertising agencies	This industry comprises establishments primarily engaged in creating advertising campaigns and placing such advertising in print and digital periodicals, newspapers, radio and television, or other media. These establishments are organized to provide a full range of services (i.e., through in-house capabilities or subcontracting), including advice, creative services, account management, production of advertising content, media planning, and buying (i.e., placing advertising).
541921	Photography studios, portrait	This U.S. industry comprises establishments known as portrait studios primarily engaged in providing still, video, or digital portrait photography services.
541922	Commercial photography	This U.S. industry comprises establishments primarily engaged in providing commercial photography services, generally for advertising agencies, publishers, and other business and industrial users.
611610	Fine arts schools	This industry comprises establishments primarily engaged in offering instruction in the arts, including dance, art, drama, and music.
711110	Theater companies and dinner theaters	This industry comprises (1) companies, groups, or theaters primarily engaged in producing the following live theatrical presentations: musicals; operas; plays; and comedy, improvisational, mime, and puppet shows and (2) establishments, commonly known as dinner theaters, engaged in producing live theatrical productions and in providing food and beverages for consumption on the premises. Theater groups or companies may or may not operate their own theater or other facility for staging their shows.
711120	Dance companies	This industry comprises companies, groups, or theaters primarily engaged in producing all types of live theatrical dance (e.g., ballet, contemporary dance, folk dance) presentations. Dance companies or groups may or may not operate their own theater or other facility for staging their shows.
711130	Musical groups and artists	This industry comprises (1) groups primarily engaged in producing live musical entertainment (except theatrical musical or opera productions) and (2) independent (i.e., freelance) artists primarily engaged in providing live musical entertainment. Musical groups and artists may perform in front of a live audience or in a studio, and may or may not operate their own facilities for staging their shows.
711190	Other performing arts companies	This industry comprises companies or groups (except theater companies, dance companies, and musical groups and artists) primarily engaged in producing live theatrical presentations.
711310		This industry comprises establishments primarily engaged in (1) organizing, promoting, and/or managing live performing arts productions, sports events, and similar events, such as state fairs, county fairs, agricultural fairs, concerts, and festivals, held in facilities that they manage and operate and/or (2) managing and providing the staff to operate arenas, stadiums, theaters, or other related facilities for rent to other promoters.
711320	Promoters of performing arts, sports, and similar events without facilities	This industry comprises promoters primarily engaged in organizing, promoting, and/or managing live performing arts productions, sports events, and similar events, such as state fairs, county fairs, agricultural fairs, concerts, and festivals, in facilities that are managed and operated by others. Theatrical (except motion picture) booking agencies are included in this industry.
711410	Agents and managers for artists, athletes, entertainers, and other public figures	This industry comprises establishments of agents and managers primarily engaged in representing and/or managing creative and performing artists, sports figures, entertainers, and other public figures. The representation and management includes activities, such as representing clients in contract negotiations; managing or organizing clients' financial affairs; and generally promoting the careers of their clients.

		This industry comprises independent (i.e., freelance) individuals primarily engaged in
	Independent artists,	performing in artistic productions, in creating artistic and cultural works or productions,
711510	writers, and	or in providing technical expertise necessary for these productions. This industry also
	performers	includes athletes and other celebrities exclusively engaged in endorsing products and
		making speeches or public appearances for which they receive a fee.
712110	Museums	This industry comprises establishments primarily engaged in the preservation and
712110		exhibition of objects of historical, cultural, and/or educational value.
	Historical sites	This industry comprises establishments primarily engaged in the preservation and
710100		exhibition of sites, buildings, forts, or communities that describe events or persons of
712120		particular historical interest. Archeological sites, battlefields, historical ships, and
		pioneer villages are included in this industry.
	Photofinishing	This U.S. industry comprises establishments (except those known as "one-hour"
812921	laboratories (except	photofinishing labs) primarily engaged in developing film and/or making
	one-hour)	photographic slides, prints, and enlargements.

Creative Occupations

CODE	SOC OCCUPATION TITLE	DEFINITION
	Agents and business	Represent and promote artists, performers, and athletes in dealings with
13-1011	managers of artists,	current or prospective employers. May handle contract negotiation and
	performers, and athletes	other business matters for clients.
13-1121	Meeting, Convention,	Coordinate activities of staff, convention personnel, or clients to make
	and Event Planners	arrangements for group meetings, events, or conventions.
		Design digital user interfaces or websites. Develop and test layouts,
		interfaces, functionality, and navigation menus to ensure compatibility and
		usability across browsers or devices. May use web framework applications
		as well as client-side code and processes. May evaluate web design
	Web and Digital Interface	following web and accessibility standards, and may analyze web use
15-1255	Designers	metrics and optimize websites for marketability and search engine ranking.
	Designers	May design and test interfaces that facilitate the human-computer
		interaction and maximize the usability of digital devices, websites, and
		software with a focus on aesthetics and design. May create graphics used
		in websites and manage website content and links. Excludes "Special
		Effects Artists and Animators" (27-1014) and "Graphic Designers" (27-1024).
	Historians	Research, analyze, record, and interpret the past as recorded in sources,
19-3093		such as government and institutional records, newspapers and other
19-3093		periodicals, photographs, interviews, films, electronic media, and
		unpublished manuscripts, such as personal diaries and letters.
		Appraise, edit, and direct safekeeping of permanent records and
25-4011	Archivists	historically valuable documents. Participate in research activities based on
		archival materials.
		Administer collections, such as artwork, collectibles, historic items, or
25-4012	Curators	scientific specimens of museums or other institutions. May conduct
		instructional, research, or public service activities of institution.

		Restore, maintain, or prepare objects in museum collections for storage, research, or exhibit. May work with specimens such as fossils, skeletal parts,
25-4013	Museum technicians and conservators	or botanicals; or artifacts, textiles, or art. May identify and record objects or install and arrange them in exhibits. Includes book or document conservators.
25-4022	Librarians and Media Collections Specialists	Administer and maintain libraries or collections of information, for public or private access through reference or borrowing. Work in a variety of settings such as educational institutions, museums, and corporations, and with various types of informational materials, such as books, periodicals, recordings, films, and databases. Tasks may include acquiring, cataloging, and circulating library materials, and user services such as locating and organizing information, providing instruction on how to access information, and setting up and operating a library's media equipment.
25-4031	Library technicians	Assist librarians by helping readers in the use of library catalogs, databases, and indexes to locate books and other materials; and by answering questions that require only brief consultation of standard reference. Compile records; sort and shelve books or other media; remove or repair damaged books or other media; register patrons; and check materials in and out of the circulation process. Replace materials in shelving area (stacks) or files. Includes bookmobile drivers who assist with providing services in mobile libraries.
27-1011	Art directors	Formulate design concepts and presentation approaches for visual productions and media, such as print, broadcasting, video, and film. Direct workers engaged in artwork or layout design. Excludes "Set and Exhibit Designers" (27-1027).
27-1012	Craft artists	Create or reproduce handmade objects for sale and exhibition using a variety of techniques, such as welding, weaving, pottery, and needlecraft.
27-1013	Fine artists, including painters, sculptors, and illustrators	Create original artwork using any of a wide variety of media and techniques.
27-1014	Special Effects Artists and Animators	Create special effects or animations using film, video, computers, or other electronic tools and media for use in products, such as computer games, movies, music videos, and commercials.
27-1019	Artists and related workers, all other	All artists and related workers not listed separately.
27-1021	Commercial and industrial designers	Design and develop manufactured products, such as cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design.
27-1022	Fashion designers	Design clothing and accessories. Create original designs or adapt fashion trends.
27-1024	Graphic designers	Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects. Excludes "Web and Digital Interface Designers" (15-1255).
27-1026	Merchandise displayers and window trimmers	Plan and erect commercial displays, such as those in windows and interiors of retail stores and at trade exhibitions.
27-1027	Set and exhibit designers	Design special exhibits and sets for film, video, television, and theater productions. May study scripts, confer with directors, and conduct research

		to determine appropriate architectural styles.
27-1029	Designers, all other	All designers not listed separately.
		Play parts in stage, television, radio, video, or film productions, or other settings for entertainment, information, or instruction. Interpret serious or
27-2011	Actors	comic role by speech, gesture, and body movement to entertain or inform
		audience. May dance and sing.
		Produce or direct stage, television, radio, video, or film productions for
07.0010	D 1 1 1 1	entertainment, information, or instruction. Responsible for creative
27-2012	Producers and directors	decisions, such as interpretation of script, choice of actors or guests, set
		design, sound, special effects, and choreography.
07.0021	Devise a vis	Perform dances. May perform on stage, for broadcasting, or for video
27-2031	Dancers	recording.
27 2022	Charaagraphara	Create new dance routines. Rehearse performance of routines. May direct
27-2032	Choreographers	and stage presentations.
	Music directors and	Conduct, direct, plan, and lead instrumental or vocal performances by
27-2041	Music directors and	musical artists or groups, such as orchestras, bands, choirs, and glee clubs;
	composers	or create original works of music.
27-2042	Musicians and singers	Play one or more musical instruments or sing. May perform on stage, for
Z/-ZU4Z	Musicians and singers	broadcasting, or for sound or video recording.
		Play prerecorded music for live audiences at venues or events such as
		clubs, parties, or wedding receptions. May use techniques such as mixing,
	Disc Jockeys, Except	cutting, or sampling to manipulate recordings. May also perform as emce
27-2091	Radio	(master of ceremonies). Radio disc jockeys are included in "Broadcast
	Radio	Announcers and Radio Disc Jockeys" (27-3011). Excludes "Musicians and
		Singers" (27-2042), "Audio and Video Technicians" (27-4011), and "Sound
		Engineering Technicians" (27-4014).
	Miscellaneous	
27-2099	Entertainers and	All entertainers and performers, sports and related workers not listed
	Performers, Sports and	separately.
	Related Workers	
		Speak or read from scripted materials, such as news reports or commercia
	Broadcast Announcers	messages, on radio, television, or other communications media. May play
27-3011	and Radio Disc Jockeys	and queue music, announce artist or title of performance, identify station,
		or interview guests. Excludes "News Analysts, Reporters, and Journalists"
		(27-3023).
		Narrate or write news stories, reviews, or commentary for print, broadcast,
27-3023	News Analysts, Reporters, and Journalists	or other communications media such as newspapers, magazines, radio, o
	ana Journalists	television. May collect and analyze information through interview,
		investigation, or observation.
27 2021	Public rolations as a signit-1-	Promote or create an intended public image for individuals, groups, or
27-3031	Public relations specialists	organizations. May write or select material for release to various
		communications media. May specialize in using social media.
27-3041	Editors	Plan, coordinate, revise, or edit written material. May review proposals and
		drafts for possible publication.
27-3042	Technical writers	Write technical materials, such as equipment manuals, appendices, or
		operating and maintenance instructions. May assist in layout work.
		Originate and prepare written material, such as scripts, stories,
27-3043	Writers and authors	advertisements, and other material. Excludes "News Analysts, Reporters, and Journalists" (27-3023), "Public Relations Specialists" (27-3031), and

		"Technical Writers" (27-3042).
27-3091	Interpreters and translators	Interpret oral or sign language, or translate written text from one language into another.
	Media and	
27-3099	Communication Workers, All Other	All media and communication workers not listed separately.
		Set up, maintain, and dismantle audio and video equipment, such as
		microphones, sound speakers, connecting wires and cables, sound and
		mixing boards, video cameras, video monitors and servers, and related
27-4011	Audio and Video	electronic equipment for live or recorded events, such as concerts,
27-4011	Technicians	meetings, conventions, presentations, podcasts, news conferences, and sporting events. Excludes "Sound Engineering Technicians" (27-4014),
		"Lighting Technicians" (27-4015), and "Audiovisual Equipment Installers and Repairers" (49-2097).
		Set up, operate, and maintain the electronic equipment used to acquire,
		edit, and transmit audio and video for radio or television programs. Contro
27-4012	Broadcast technicians	and adjust incoming and outgoing broadcast signals to regulate sound
		volume, signal strength, and signal clarity. Operate satellite, microwave, or
		other transmitter equipment to broadcast radio or television programs.
		Assemble and operate equipment to record, synchronize, mix, edit, or
27-4014	Sound engineering	reproduce sound, including music, voices, or sound effects, for theater,
27-4014	technicians	video, film, television, podcasts, sporting events, and other productions.
		Excludes "Audio and Video Technicians" (27-4011).
		Set up, maintain, and dismantle light fixtures, lighting control devices, and
		the associated lighting electrical and rigging equipment used for
27-4015	Lighting Technicians	photography, television, film, video, and live productions. May focus or
		operate light fixtures, or attach color filters or other lighting accessories.
		Excludes "Audio and Video Technicians" (27-4011).
		Photograph people, landscapes, merchandise, or other subjects. May use
07 4001	Die o to our que la our	lighting equipment to enhance a subject's appearance. May use editing
27-4021	Photographers	software to produce finished images and prints. Includes commercial and
		industrial photographers, scientific photographers, and photojournalists.
		Excludes "Camera Operators, Television, Video, and Film" (27-4031).
27-4031	Camera Operators,	Operate television, video, or film camera to record images or scenes for
	Television, Video, and Film	television, video, or film productions.
		Edit moving images on film, video, or other media. May work with a
27-4032	Film and video editors	producer or director to organize images for final production. May edit or
27 1002	FIIITI and video editors	synchronize soundtracks with images. Excludes "Sound Engineering
		Technicians" (27-4014).
	Media and	
27-4099	Communication	All media and communication equipment workers not listed separately.
	Equipment Workers, All Other	
39-3021	Motion Picture	Set up and operate motion picture projection and related sound
	Projectionists	reproduction equipment.
		Assist patrons at entertainment events by performing duties, such as
39-3031	Ushers, lobby attendants,	collecting admission tickets and passes from patrons, assisting in finding
1. 0001	and ticket takers	seats, searching for lost articles, and helping patrons locate such facilities
		as restrooms and telephones.

39-3092	Costume attendants	Select, fit, and take care of costumes for cast members, and aid entertainers. May assist with multiple costume changes during performances.
39-3099	Entertainment attendants and related workers, all other	All entertainment attendants and related workers not listed separately.
39-5091	Makeup artists, theatrical and performance	Apply makeup to performers to reflect period, setting, and situation of their role.
41-9012	Models	Model garments or other apparel and accessories for prospective buyers at fashion shows, private showings, or retail establishments. May pose for photos to be used in magazines or advertisements. May pose as subject for paintings, sculptures, and other types of artistic expression.
43-4121	Library assistants, clerical	Compile records, and sort, shelve, issue, and receive library materials such as books, electronic media, pictures, cards, slides and microfilm. Locate library materials for loan and replace material in shelving area, stacks, or files according to identification number and title. Register patrons to permit them to borrow books, periodicals, and other library materials. Excludes "Library Technicians" (25-4031).
49-9061	Camera and Photographic Equipment Repairers	Repair and adjust cameras and photographic equipment, including commercial video and motion picture camera equipment.
49-9063	Musical instrument repairers and tuners	Repair percussion, stringed, reed, or wind instruments. May specialize in one area, such as piano tuning. Excludes "Audiovisual Equipment Installers and Repairers" (49-2097) who repair electrical and electronic musical instrument
51-5112	Printing press operators	Set up and operate digital, letterpress, lithographic, flexographic, gravure, or other printing machines. Includes short-run offset printing presses.
51-5113	Print Binding and Finishing Workers	Bind books and other publications or finish printed products by hand or machine. May set up binding and finishing machines.
51-6051	Sewers, hand	Sew, join, reinforce, or finish, usually with needle and thread, a variety of manufactured items. Includes weavers and stitchers.
51-6052	Tailors, dressmakers, and custom sewers	Design, make, alter, repair, or fit garments.
51-7011	Cabinetmakers and bench carpenters	Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products. Excludes "Woodworking Machine Setters, Operators, and Tenders" (51-7040).
51-7021	Furniture finishers	Shape, finish, and refinish damaged, worn, or used furniture or new high-grade furniture to specified color or finish.
51-7031	Model makers, wood	Construct full-size and scale wooden precision models of products. Includes wood jig builders and loft workers.
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	Operate or tend heating equipment other than basic metal, plastic, or food processing equipment. Includes activities such as annealing glass, drying lumber, curing rubber, removing moisture from materials, or boiling soap.

51-9071	Jewelers and precious stone and metal workers	Design, fabricate, adjust, repair, or appraise jewelry, gold, silver, other
		precious metals, or gems. Includes diamond polishers and gem cutters, and persons who perform precision casting and modeling of molds, casting
		metal in molds, or setting precious and semiprecious stones for jewelry and
		related products.
51-9123	Painting, Coating, and Decorating Workers	Paint, coat, or decorate articles, such as furniture, glass, plateware, pottery,
		jewelry, toys, books, or leather. Excludes "Artists and Related Workers""
		(27-1010), "Designers" (27-1020), "Photographic Process Workers and
		Processing Machine Operators" (51-9151), and "Etchers and Engravers"
		(51-9194
51-9151	Photographic process	Perform work involved in developing and processing photographic images
	workers and processing	from film or digital media. May perform precision tasks such as editing
	machine operators	photographic negatives and prints.
51-9194	Etchers and engravers	Engrave or etch metal, wood, rubber, or other materials. Includes such
		workers as etcher-circuit processors, pantograph engravers, and silk screen
		etchers. Photoengravers are included in "Prepress Technicians and Workers'
		(51-5111).
51-9195	Molders, shapers, and	Mold, shape, form, cast, or carve products such as food products, figurines,
	casters (except metal	tile, pipes, and candles consisting of clay, glass, plaster, concrete, stone, or
	and plastic)	combinations of materials.