

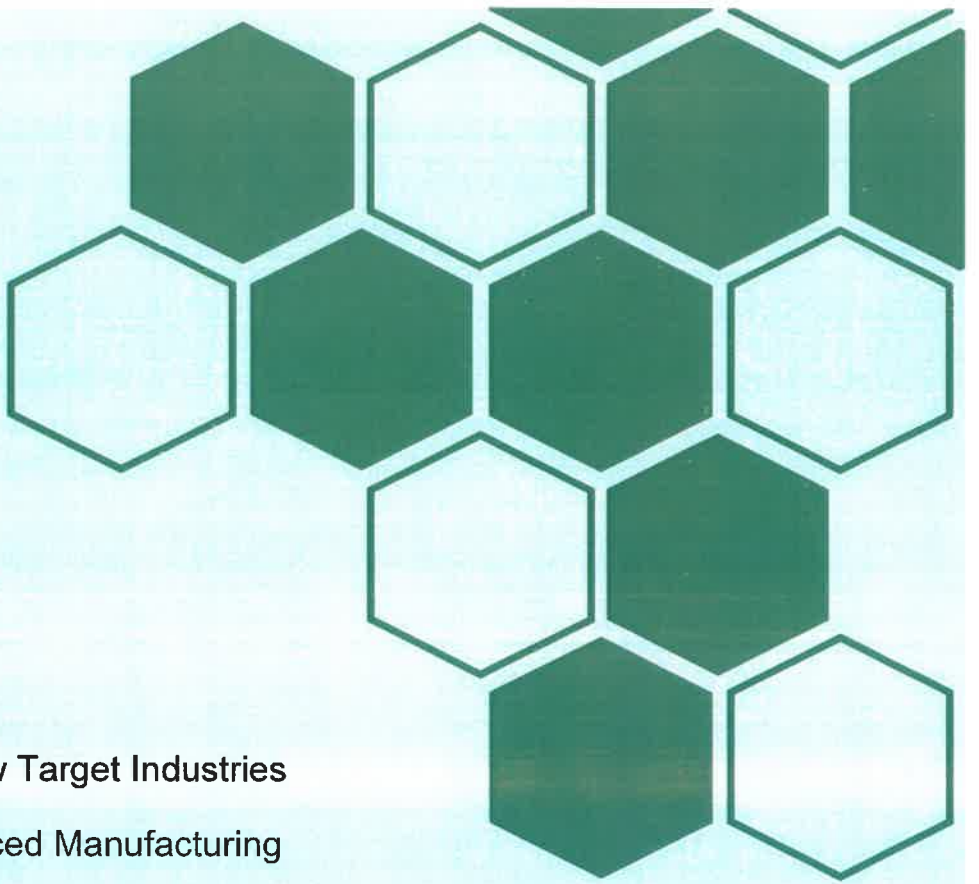
Target Industry Validation Study

Revisiting Southern Nevada's
Approach to Economic Diversification

Las Vegas Global Economic Alliance

March 2021

Prepared by **SRI International®**
Center for Innovation Strategy & Policy



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New Target Industries



General Manufacturing

Advanced Manufacturing



Creative Professional Services

Media Production

Media Broadcasting & Distribution

Entertainers & Supporting Services



ICT Professional Services

Cybersecurity



Distribution & Warehousing

Transportation Support

Passenger Services

Production of Unmanned Autonomous Systems



Management & Professional Services

Business Administration

Financial Services



General & Specialist Healthcare Services

Hospitals

Care Facilities

Healthcare Research & Technologies



Clean Energy Generation

Distribution & Wholesale

Engineering & Supporting Services

HVAC & Plumbing Contractors

Introduction

In 2017, the Las Vegas Global Economic Alliance (LVGEA) released a target industry validation study to identify new and emerging industries in Southern Nevada in an effort to diversify the region's economic base. The study identified the following industries as priorities for development over the subsequent five years: Autonomous Systems; Business Headquarters & Services; Emerging Technology; Finance, Banking, & Insurance; Gaming, Tourism, & Conventions; Health Care Services & Medical Education; and Logistics, Manufacturing, & Supply Chain Management. These industries represented the majority of Southern Nevada's total employment.

Since the release of the target industry validation study, much has changed in the state of Nevada. In 2018, the Nevada Governor's Office of Economic Development released *A New Economic Agenda for Nevada* detailing the state's progress since the Great Recession, which has laid a groundwork for future economic development efforts. Likewise, in early 2020, LVGEA released its revised comprehensive economic development strategy (CEDS), outlining Southern Nevada's achievements over the last decade and the opportunities that lay ahead.

Perhaps the most important event since the last target industry validation study is the onset of the COVID-19 pandemic in March 2020, which has reshaped local, regional, national, and international economic systems. Due to the continued importance of tourism to the regional economy, Southern Nevada has been among the most economically impacted metropolitan areas in the United States. Though the region has made significant progress over the last decade in attracting new businesses and industries and growing non-tourism employment, the region remains in need of targeted, intentional diversification efforts.

This updated target industry validation study seeks to provide this intentionality. The current target industries have served the region well over the last five years, and they should continue to play a role in Southern Nevada's efforts to diversify its economy. Nevertheless, a re-examination of the region's target industries is necessary to account for the rapidly evolving industrial environment taking place across the globe, and Southern Nevada must work to capitalize on these changes to fortify its place within the new economy.

The discussion that follows provides an explanation of SRI's methodological approach for identifying new target industries for Southern Nevada. Brief discussions are also provided for each target industry, along with a visualization demonstrating the historical performance of the new target industries and the potential growth patterns between 2021 and 2025. It is important to note that the projected dynamics for 2021 and beyond do not take into consideration ongoing or recently passed federal stimulus programs to alleviate the economic impact of the COVID-19 pandemic. Readers should keep this in mind when assessing the projected performance for each of the new target industries.

Methodology

SRI employed a mixed-methods approach to identify new target industries for Southern Nevada. SRI's extensive work in the region, beginning in 2018 with the development of a new state economic development plan for Nevada, provided SRI with significant existing knowledge of industry trends and regional ambitions for future growth. Over the course of different projects throughout 2018, 2019, and 2020, SRI engaged many stakeholders in Southern Nevada to discuss the potential for different industries in the region, the capabilities of the region's workforce, the strength of Southern Nevada's education and training institutions, and the dynamism of the region's existing industries. From these discussions, SRI learned several things, including:

- Local and regional development organizations work hard to attract companies in new and emerging industries, such as the advanced manufacturing firm Haas Automation.
- The region's historical strengths in gaming, tourism, and hospitality will continue to drive Southern Nevada's economy for years to come. However, there are growing opportunities for new technology- and skills-intensive industries that build off of this historical strength and position Southern Nevada in the center of next-generation virtual technologies.
- Southern Nevadans are invested in a cleaner and greener future and are intent on being a part of the solution for the world's changing climate.
- Southern Nevada is exceptionally well-positioned to capitalize on emerging areas of unmanned autonomous systems technologies, given the proximity of large military installations and the technology-friendly attitude of local governments.
- While the industry has seen significant growth in recent years, healthcare remains a challenge for the region, a challenge that has been further exacerbated by the COVID-19 pandemic.

While the qualitative data gleaned from stakeholder engagement pointed SRI toward certain industries, quantitative data formed the basis of SRI's analysis. SRI used the Emsi data platform to examine historical data for all industries in Southern Nevada between 2011 and 2020, as well as forecasted growth between 2021 and 2025. Emsi utilizes data from the Quarterly Census of Employment and Wages (QCEW) from the U.S. Bureau of Labor Statistics (BLS) to determine industry change over time. Industries are measured at several different levels of specificity, according to the North American Industry Classification System (NAICS). At the two-digit NAICS level, industries are assessed as the cumulation of their component three-, four-, five-, and six-digit NAICS industries, with industries at the six-digit level being the most specific.

Because Southern Nevada's current and new target industries do not map on to the built-in NAICS industries, SRI analyzed industrial change at the six-digit level. This enabled SRI to capture change occurring at the hyper-specialized level and build new target industries according to changes occurring within related six-digit industries. SRI also consulted existing literature and target industry studies in other regions of the United States to determine how other regions have measured certain industries that do not map on to the existing NAICS industry classifications. For example, many regions have set targets to grow the clean technology industry, but the methods used to define this industry at the six-digit level vary significantly. To account for this variation, SRI reviewed several existing studies of the clean technology industry to determine how it is best defined in the Southern Nevada context.

Southern Nevada's New Target Industries

The new target industries SRI has identified for Southern Nevada do not mark a radical departure from Southern Nevada's existing target industries. The quantitative and qualitative data indicate that key components of the existing target industries remain relevant to the regional economy. Furthermore, data that capture the impact of the pandemic on regional employment in key industries show that, among the existing target industries, some maintained their employment levels or grew between 2019 and 2020. See the below sidebar entitled "Performance of Southern Nevada's Existing Target Industries" for a detailed discussion of the dynamics of the region's current target industries since 2011.

Performance of Southern Nevada's Existing Target Industries

The first step in identifying new target industries for a region is to evaluate the performance of the region's existing target industries. This evaluation enables SRI to determine what has worked and what has not worked since the adoption of these targets in 2017. SRI separated its evaluation into two time periods: 2011 to 2019 and 2019 to 2020. By evaluating the pandemic performance of the target industries separately from their growth prior to the pandemic, SRI intends to demonstrate the comparative resiliency of the existing target industries.

Visualizations of the performance of the region's existing target industries can be found in Appendix A. As the graphics demonstrate, as Southern Nevada recovered from the Great Recession between 2011 and 2019, employment in each of the target industries grew by double digits. Cumulatively, the existing target industries grew by slightly less than 30% during this period. In absolute terms, growth was led by Business Headquarters & Services, which added more than 48,500 jobs between 2011 and 2019. Other industries saw in excess of 20,000 new jobs during this time, including Gaming, Tourism, & Conventions (+33,600); Health Care Services & Medical Education (+23,140); and Logistics, Manufacturing, & Supply Chain Management (+22,900). In terms of percentage growth between 2011 and 2019, Emerging Technology (+89%) and Logistics, Manufacturing, & Supply Chain Management (+61%) grew the quickest.

The COVID-19 pandemic, however, introduced significant headwinds for Southern Nevada's economy, and employment in the region's existing target industries fell by nearly 7%. Between 2019 and 2020, employment in Gaming, Tourism, & Conventions shrank by 13%, followed by Business Headquarters & Services (-4%) and Emerging Technology (-1%). Nevertheless, employment in Autonomous Systems (+1%); Finance, Banking, & Insurance (+1.4%); and Logistics, Manufacturing, & Supply Chain Management (+2.3%) continued to grow despite the pandemic, while employment in Health Care Services & Medical Education remained relatively unchanged (-0.2%).

Due to the relatively strong performance of certain existing target industries during the last decade, and in particular during the COVID-19 pandemic, SRI has incorporated these target industries within the new targets, modifying them slightly to better reflect the aspirations and realities of the region's economy in 2021. Overall, four main qualities were assessed to determine industries that may be good targets for Southern Nevada:

- **Stability.** Southern Nevada's historical dependence upon gaming and hospitality has enabled volatility within the regional economy, and any new target industries that region seeks to actively recruit should work to minimize future volatility.

- **Earnings.** Southern Nevada should aspire to attract stable, well-paying industries that provide the region's residents with rewarding, productive, and meaningful work.
- **Job-Rich.** While Southern Nevada should seek to grow emerging and next-generation industries, there should also be a focus on those industries that have established a strong presence in the region and are proven to produce a high number of jobs.
- **Growth in Employment Share.** Any new target industries should also demonstrate a growing role in Southern Nevada's economy, with promising growth in share of the region's overall employment.

Taking into consideration the performance of Southern Nevada's current target industries and the four criteria above, SRI recommends the following target industries for LVGEA:

Target Industry	Component Industries
General & Advanced Manufacturing	General Manufacturing Advanced Manufacturing
Business & Financial Services	Management & Professional Services Business Administration Financial Services
Creative Industries	Creative Professional Services Media Production Media Broadcasting & Distribution Entertainers & Supporting Services
Clean Technologies	Clean Energy Generation Distribution & Wholesale Engineering & Support HVAC & Plumbing Contractors
Transportation & Logistics Technologies	Distribution & Warehousing Transportation & Support Passenger Services Production of Unmanned Autonomous Systems
Information & Communication Technologies	ICT Professional Services Cybersecurity
Healthcare Services	General & Specialist Healthcare Services Hospitals

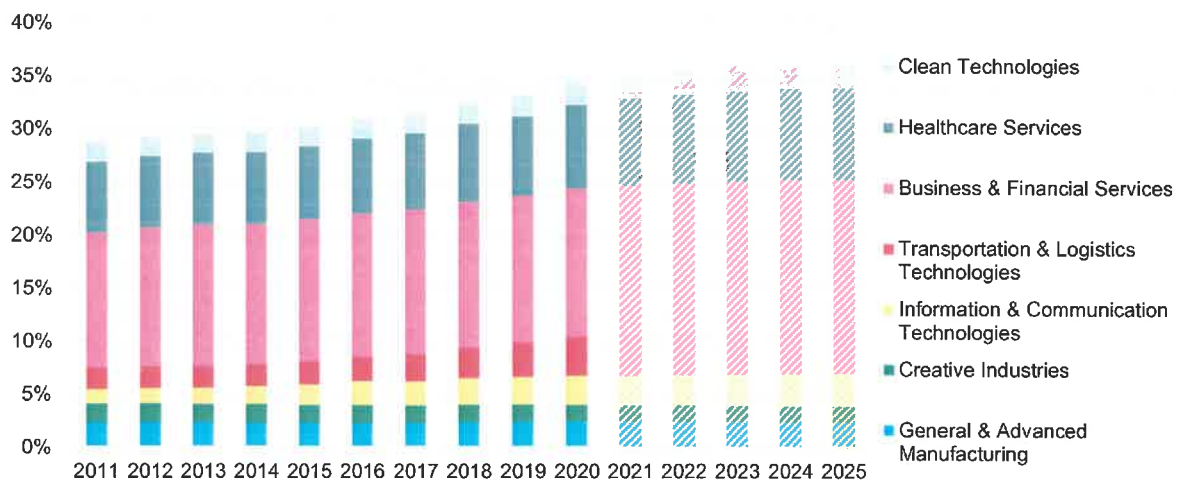
Target Industry	Component Industries
	Care Facilities
	Healthcare Research & Technologies

While SRI has identified seven target industries, several component industries have also been identified for each target industry. In an approach that differs from the prior target industry validation study, SRI has identified a few key sub-industries that capture changing dynamics within each overall target industry. This approach enables LVGEA to monitor change within a single target industry and focus support on specific components of the target industry that may require additional assistance.

At their aggregate levels, the new target industries have demonstrated promising growth since 2011 with increasing shares of total employment in Southern Nevada (Figure 1 below). Emerging from the Great Recession, the new target industries represented less than 30% of total employment in Southern Nevada. However, by 2020 that proportion had grown to nearly 35%, and forecasts indicate an employment share of nearly 37% by 2025.

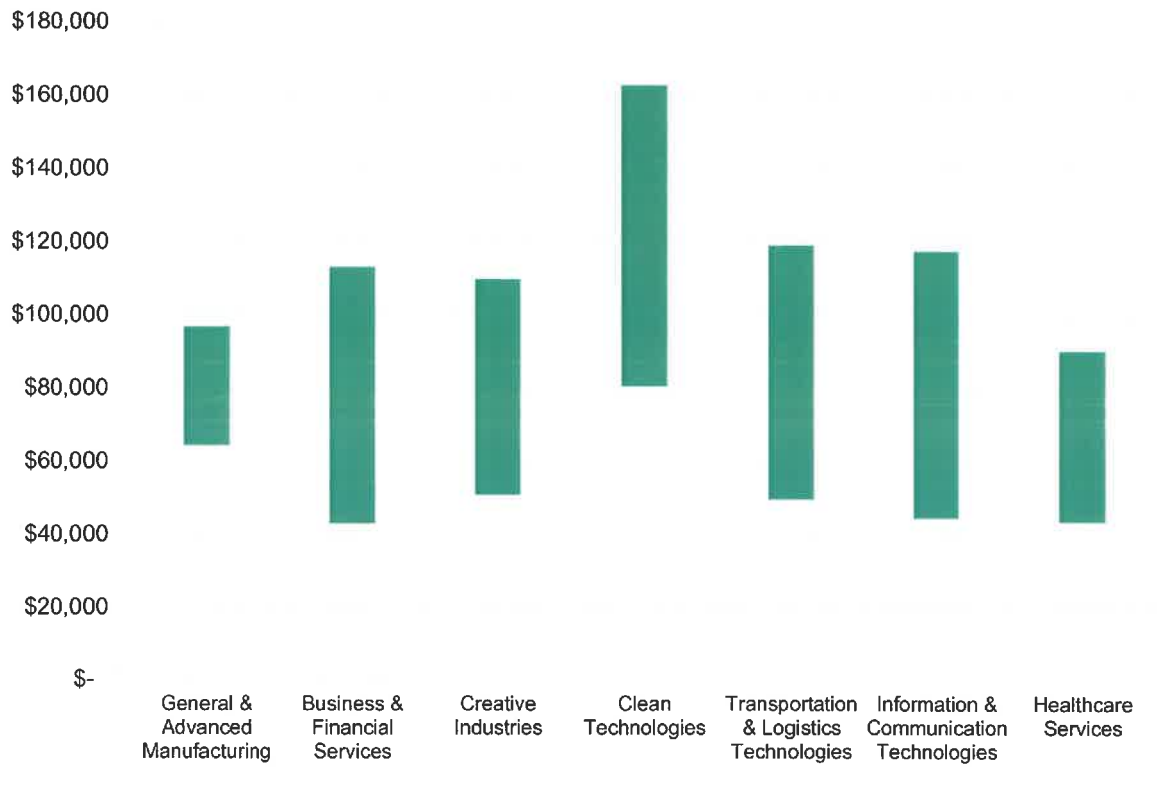
The New Target Industries Represent an Increasingly Large Share of the Region's Employment

Figure 1: Employment in New Target Industries as a Proportion of Total Employment in Southern Nevada, 2011-2025 (Actual and Projected).



While the target industry validation study for the current set of target industries provides an average income for those employed in each industry, SRI has visualized a range of earnings for the new target industries. This range is decided on the average incomes for each target industry's component industries, providing an estimate for lower-paying and higher-paying occupations within each target industry. Figure 2 below depicts these earnings ranges.

Figure 2: Range of Earnings for Southern Nevada's New Target Industries.



General & Advanced Manufacturing

Southern Nevada's strong connections to the Mountain West and major population centers throughout the western United States make it a strong contender for manufacturing firms. In particular, SRI identified two main components of manufacturing that Southern Nevada should monitor and pursue:

- **General Manufacturing**
- **Advanced Manufacturing**

While the industry currently represents about 2.5% of the region's total employment, recent wins, such as the relocation of Haas Manufacturing to Southern Nevada, indicate the region has significant potential to attract general and advanced manufacturing firms. As a relatively higher-paying industry, with average annual earnings of more than \$74,500, the General & Advanced Manufacturing industry provides an opportunity for higher-skill, higher-wage occupations to grow in Southern Nevada.

Figure 3: Employment Change in General & Advanced Manufacturing Target Industry, 2011-2025 (Actual and Projected).

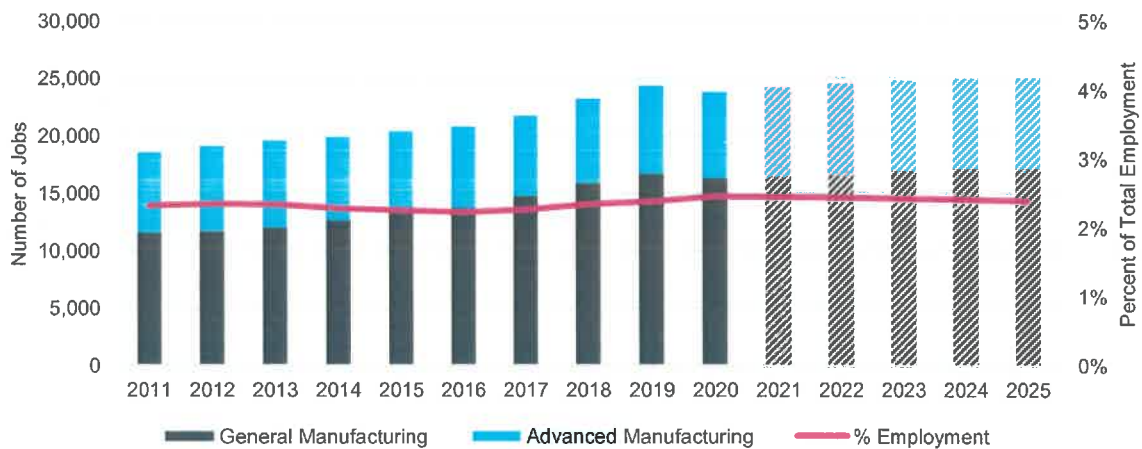


Table 1: Overview of General & Advanced Manufacturing Target Industry Performance

	Job Growth 2011-2019	Average Earnings	Fastest Growing Industries
Total General & Advanced Manufacturing	+5,805 (+31%)	\$74,526	
General Manufacturing	+5,141 (+44%)	\$64,291	Commercial Printing (except Screen and Books) (+430) Sheet Metal Work Manufacturing (+400)
Advanced Manufacturing	+663 (+9%)	\$96,749	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing (+334) Pharmaceutical Preparation Manufacturing (+258)

Business & Financial Services

Business & Financial Services has been a consistent engine for growth in Southern Nevada, as evidenced by Figure 4 below. SRI identified three component industries for Business & Financial Services:

- **Management & Professional Services**
- **Business Administration**
- **Financial Services**

While the COVID-19 pandemic adversely impacts employment in this industry, it is expected to recover and surpass 2019 employment by 2023. Future growth is expected to be driven by employment in Financial Services (2011–2019: +15,093) and Management & Professional Services (2011–2019: +17,222), though Business Administration will likely remain the largest component industry within Business & Financial Services.

Figure 4: Employment Change in Business & Financial Services Target Industry, 2011-2025 (Actual and Projected).

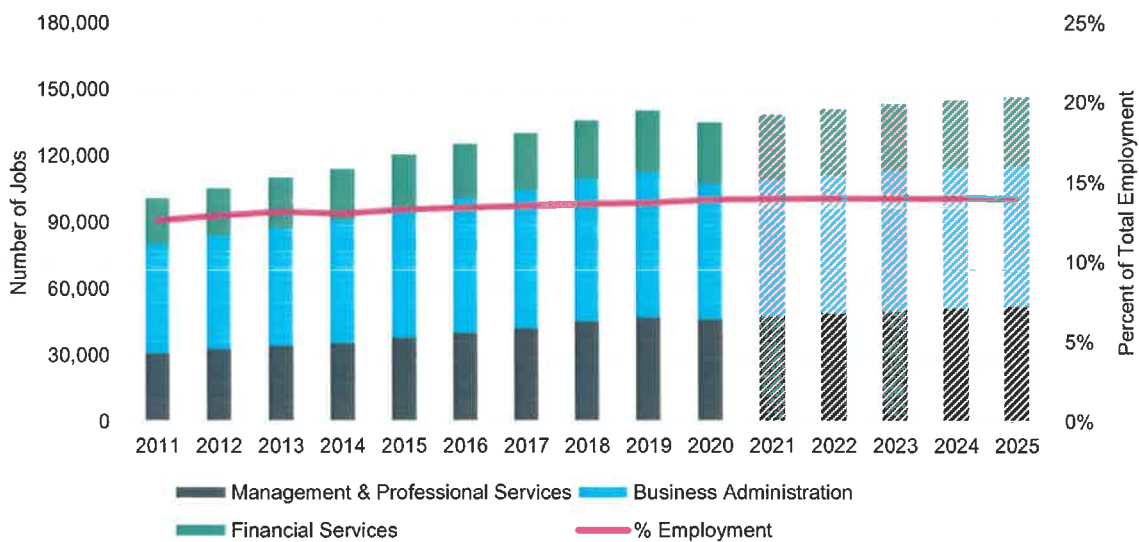


Table 2: Overview of Business & Financial Services Target Industry Performance

	Job Growth 2011–2019	Average Earnings	Fastest Growing Industries
Total Business & Financial Services	+39,385 (+38.6%)	\$78,404	
Management & Professional Services	+17,222 (+55.4%)	\$113,061	Corporate, Subsidiary, and Regional Managing Offices (+8,849)
Business Administration	+7,303 (+14.8%)	\$42,920	Security Guards and Patrol Services (+3,942)
Financial Services	+15,093 (+72.5%)	\$98,562	Real Estate Credit (+964)

Creative Industries

Southern Nevada has long been a destination for those working in Creative Industries. While the gaming, tourism, and hospitality industries were the historical “pull” factors that attracted creative workers, Southern Nevada has established itself as a hub for creative talent beyond the Strip. This has led to the emergence of different classes of creative workers, which SRI identified as:

- Creative Professional Services
- Media Production
- Media Broadcasting & Distribution
- Entertainers & Supporting Services

While Entertainers & Supporting Services continues to represent a significant portion of those employed in Creative Industries, those working in Creative Professional Services, such as in architectural services (2011–2019: +318) and outdoor advertising (2011–2019: +278), show significant potential as well.

Figure 5: Employment Change in Creative Industries Target Industry, 2011-2025 (Actual and Projected).

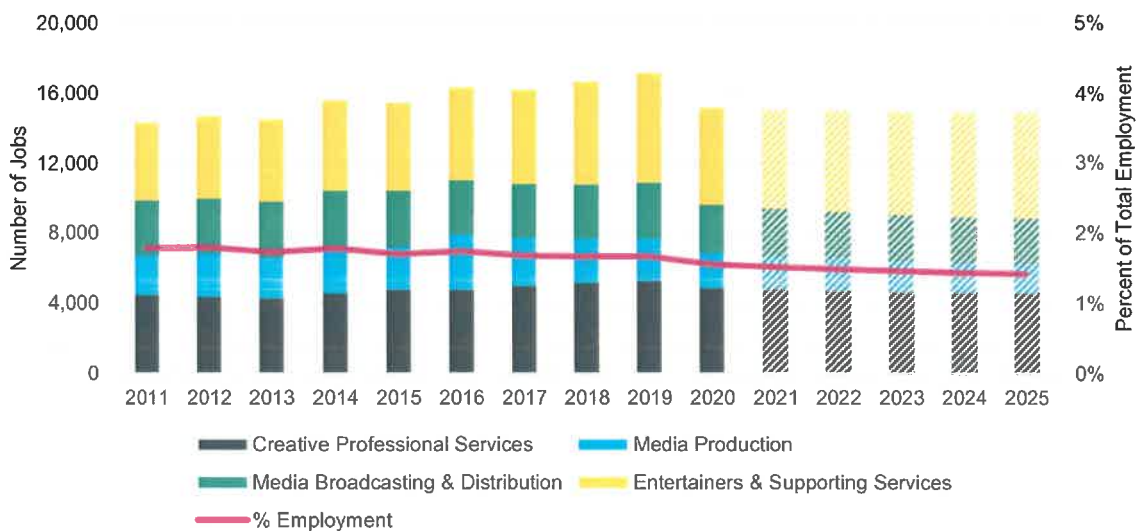


Table 3: Overview of Creative Industries Target Industry Performance

	Job Growth 2011–2019	Average Earnings	Fastest Growing Industries
Total Creative Industries	+825 (+5.8%)	\$82,351	
Creative Professional Services	+399 (+8.9%)	\$76,532	Architectural Services (+318)
Entertainers & Supporting Services	+1,051 (+23.5%)	\$109,829	Promoters of Performing Arts, Sports, and Similar Events with Facilities (+581)
Media Broadcasting & Distribution	-415 (-13.5%)	\$50,745	Motion Picture Theaters (except Drive-Ins) (+374)
Media Production	-210 (-9.4%)	\$64,079	Motion Picture and Video Production (+482)

Clean Technologies

Though rapidly growing across the United States, Clean Technologies remains a loosely defined industry. However, as more states and regions seek to increase the share of clean energy in their energy generation capacity, more concrete definitions of the Clean Technologies industry have begun emerging. In Southern Nevada, four component industries of Clean Technologies were identified:

- **Clean Energy Generation**
- **Engineering & Support**
- **Distribution & Wholesale**
- **HVAC & Plumbing Contractors**

While Clean Energy Generation remains very small (93 total jobs in 2019), supporting industries remain robust. In particular, Engineering & Support saw favorable growth between 2011 and 2019 (21%, or 1,600 jobs) while HVAC & Plumbing Contractors, who install much of the energy- and water-saving technologies throughout Southern Nevada, saw 97% growth (4,680 jobs).

Figure 6: Employment Change in Clean Technologies Target Industry, 2011-2025 (Actual and Projected).

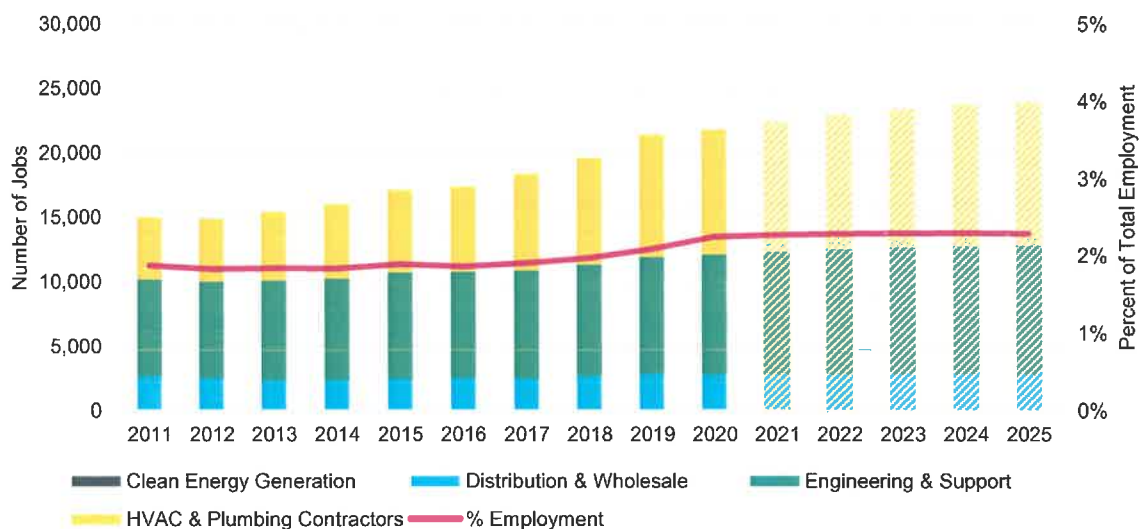


Table 4: Overview of Clean Technologies Target Industry Performance

	Job Growth 2011–2019	Average Earnings	Fastest Growing Industries
Total Clean Technologies	+6,429 (+43%)	\$98,915	
HVAC & Plumbing Contractors	+4,683 (+97%)	\$80,462	Plumbing, Heating, & Air-Conditioning Contractors (+4,683)
Distribution & Wholesale	+89 (+3%)	\$130,887	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers (+280)
Engineering & Support Services	+1,599 (+21%)	\$108,321	Engineering Services (+858)
Clean Energy Generation	+58 (166%)	\$162,907	Solar Electric Power Generation (+46)

Transportation & Logistics Technologies

Transportation & Logistics Technologies remains an industry in flux due not only to the COVID-19 pandemic, but also the rapid introduction of new and advanced technologies to the workplace. Considering the increasing technical knowledge required for employment in this industry, SRI identified four component industries for Transportation & Logistics Technologies:

- **Distribution & Warehousing**
- **Transportation Support**
- **Passenger Services**
- **Production of Unmanned Autonomous Systems**

Increasingly, employment in this industry requires a high level of technical knowledge and skill development to work alongside the technologies being introduced. While Production of Unmanned Autonomous Systems (UAS) remains a nascent component of this industry, there is opportunity for Southern Nevada to expand UAS production alongside the growth in transportation and logistics.

Figure 7: Employment Change in Transportation & Logistics Technologies Target Industry, 2011-2025 (Actual and Projected).

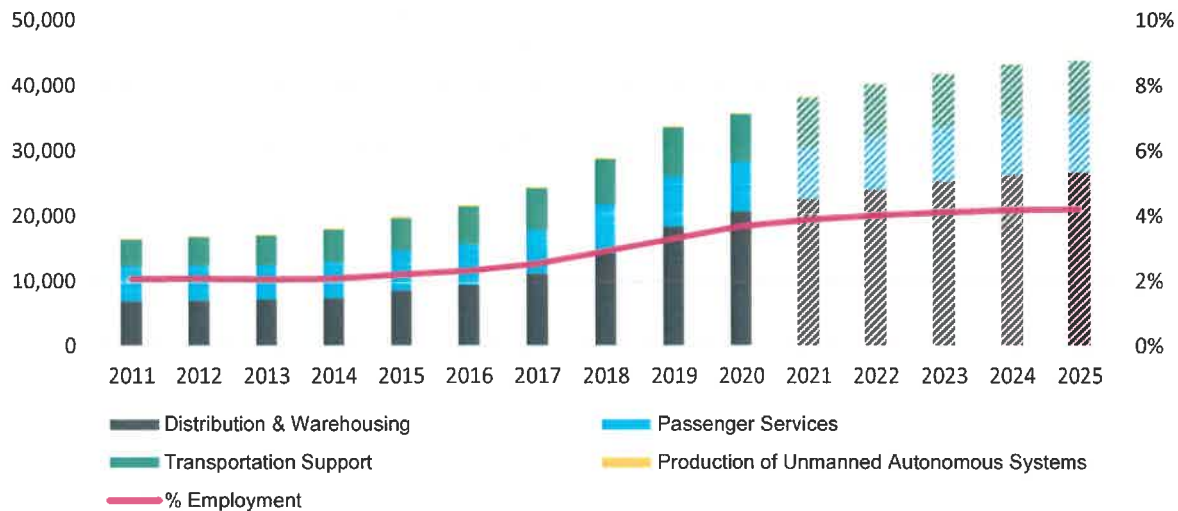


Table 5: Overview of Transportation & Logistics Technologies Target Industry Performance

	Job Growth 2011-2019	Average Earnings	Fastest Growing Industries
Total Transportation & Logistics Technologies	+17,293 (+105%)	\$69,948	
Distribution & Warehousing	+11,434 (+165%)	\$49,574	General Warehousing and Storage (+9,655)
Passenger Services	+2,403 (+45%)	\$119,028	Scheduled Passenger Air Transportation (+2,363)
Transportation Support	+3,362 (+81%)	\$75,202	Other Support Activities for Air Transportation (+1,257)
Production of Unmanned Autonomous Systems	+94 (+65%)	\$89,072	Aircraft Engine and Engine Parts Manufacturing (+102)

Information & Communication Technologies

Similar to Transportation & Logistics Technologies, Information & Communication Technologies (ICT) has performed strongly in Southern Nevada over the last decade. In Southern Nevada, this industry is comprised of two primary component industries:

- **ICT Professional Services**
- **Cybersecurity**

Growth accelerated significantly after 2011, particularly in ICT Professional Services, driven primarily by the increase in contact centers in Southern Nevada. Overall employment growth in contact centers reached 261% between 2011 and 2019, adding more than 10,000 jobs, and growth remained steady in 2020 during the pandemic.

Aside from the notable growth in contact centers and ICT Professional Services, growth in Cybersecurity-related industries, such as computer systems design services (+1,240 jobs) and software publishers (+778 jobs), is worth noting. These industries tend to be higher-paying and require more advanced education and training credentials.

Figure 8: Employment Change in Information & Communication Technologies Target Industry, 2011-2025 (Actual and Projected).

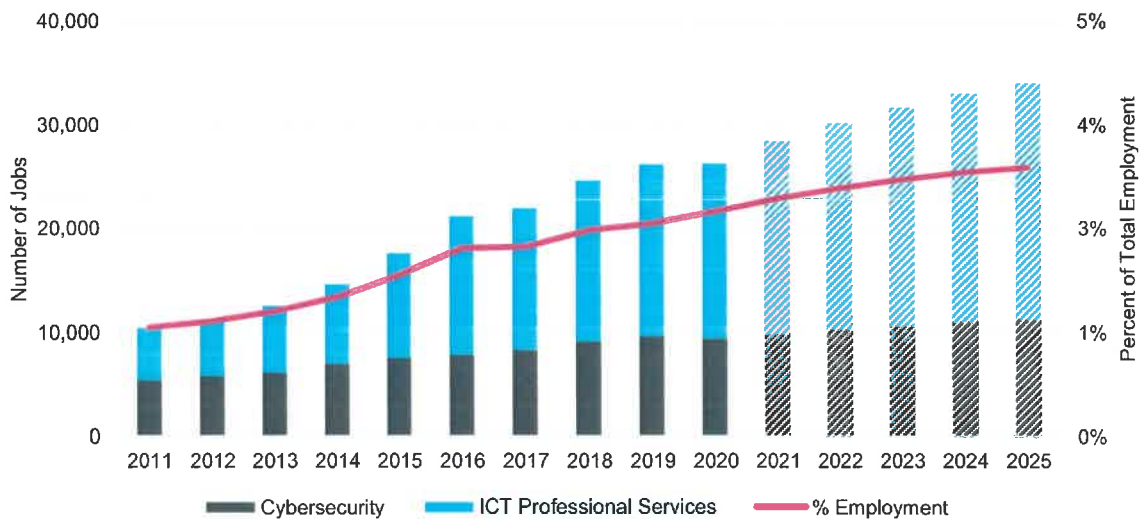


Table 6: Overview of Information & Communication Technologies Target Industry Performance

	Job Growth 2011-2019	Average Earnings	Fastest Growing Industries
Total Information & Communication Technologies	+16,040 (+153%)	\$70,658	
Cybersecurity	+4,251 (+79%)	\$117,513	Computer Systems Design Services (+1,243)
ICT Professional Services	+11,789 (+232%)	\$44,358	Telemarketing Bureaus and Other Contact Centers (+10,562)

Healthcare Services

Southern Nevada has long been characterized by an underdeveloped healthcare sector that did not sufficiently meet the needs of the local population. However, the region has made significant strides in growing this industry over the last decade, adding more than 23,000 jobs across four component industries:

- **General & Specialist Healthcare Services**
- **Care Facilities**
- **Hospitals**
- **Healthcare Technologies & Research**

Recent additions to the healthcare education pipeline in Southern Nevada, perhaps most notably the establishment of the UNLV School of Medicine, has increased the capacity of the region to meet its own healthcare workforce needs. This is most evident among growth in the General & Specialist Healthcare Services and Hospitals industries, where employment in physician offices, emergency care, and hospitals has grown substantially since 2011.

Figure 9: Employment Change in Healthcare Services Target Industry, 2011-2025 (Actual and Projected).

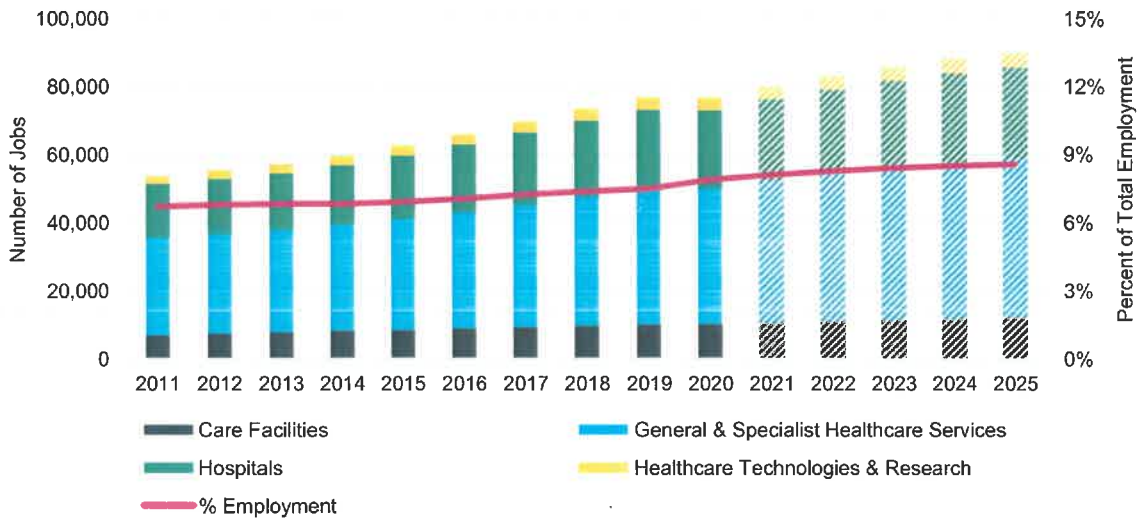
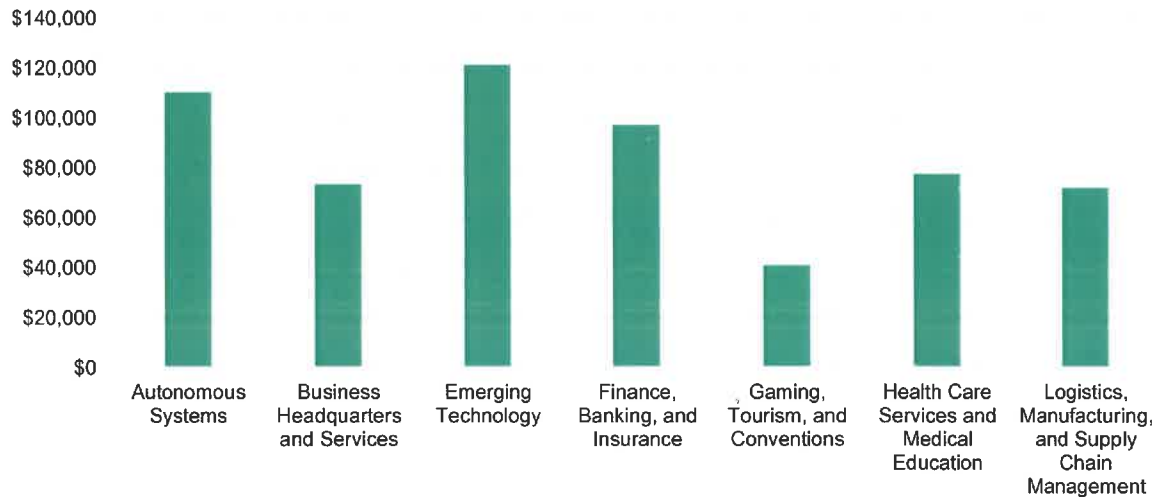


Table 7: Overview of Healthcare Services Target Industry Performance

	Job Growth 2011–2019	Average Earnings	Fastest Growing Industries
Total Healthcare Services	+23,159 (+43%)	\$77,775	
Care Facilities	+3,218 (+46%)	\$43,458	Nursing Care Facilities (Skilled Nursing Facilities) (+1,529)
General & Specialist Healthcare Services	+11,250 (+39%)	\$79,393	Offices of Physicians (except Mental Health Specialists) (+3,977)
Hospitals	+7,227 (+46%)	\$90,203	General Medical and Surgical Hospitals (+6,112)
Healthcare Technologies & Research	+1,465 (+64%)	\$79,048	Diagnostic Imaging Centers (+1,073)

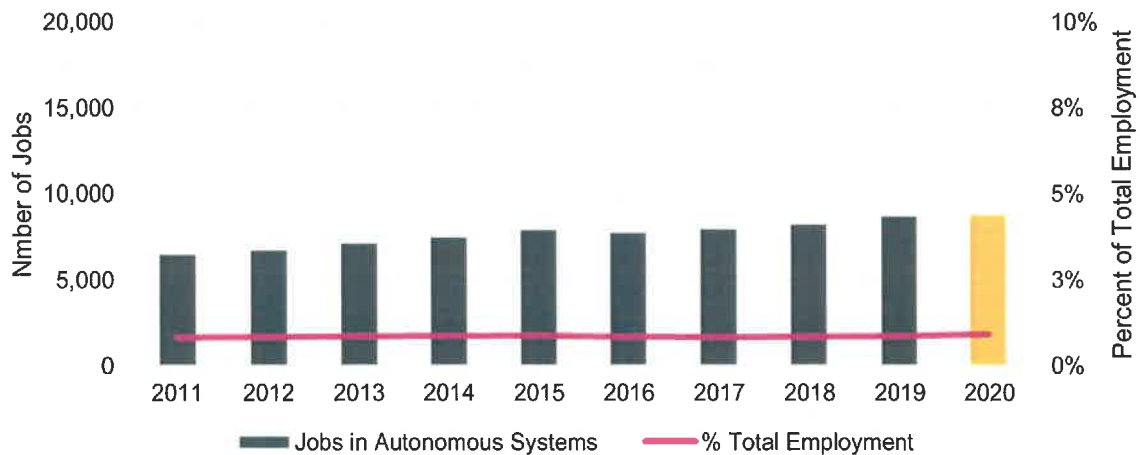
Appendix A: Performance of Existing Target Industries

Figure 10: Average Incomes for Southern Nevada's Current Target Industries.



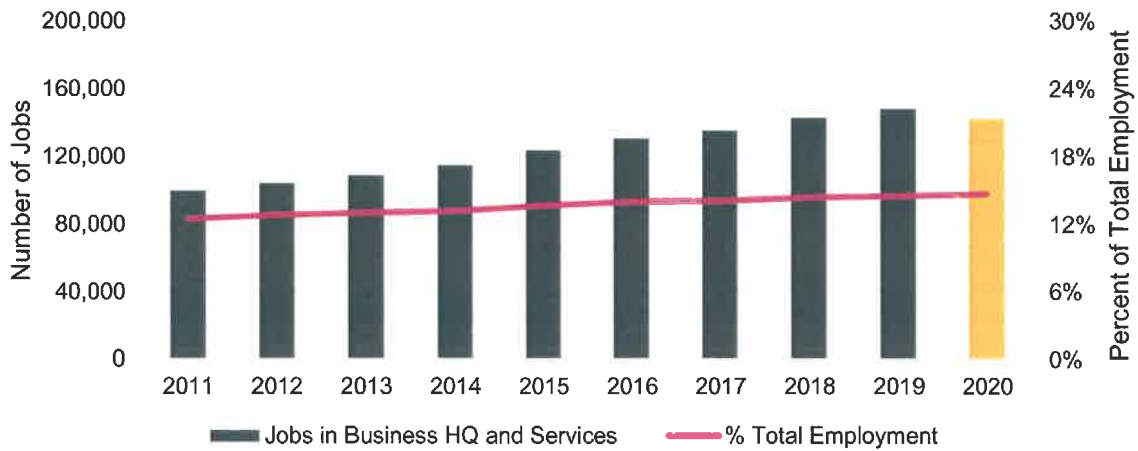
Autonomous Systems

Figure 11: Employment Change in Autonomous Systems Target Industry, 2011-2020.



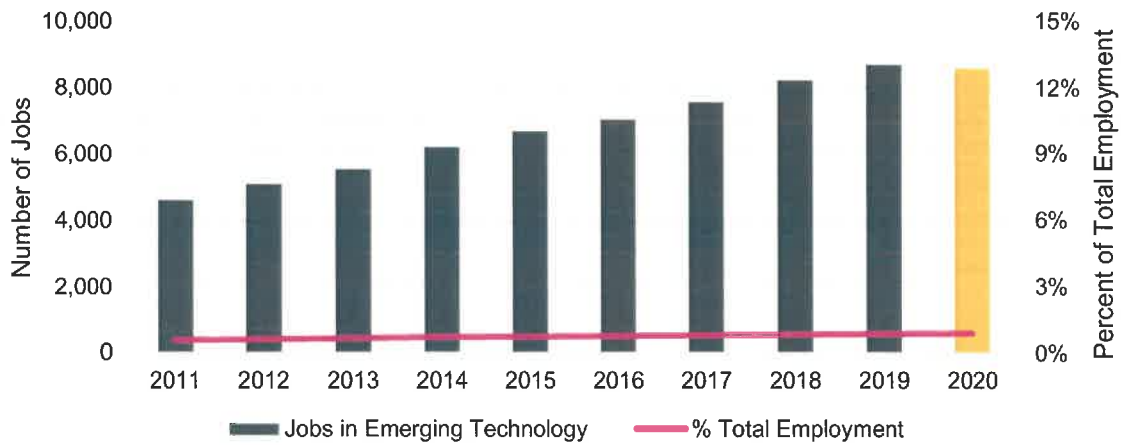
Business Headquarters & Services

Figure 12: Employment Change in Business Headquarters & Services Target Industry, 2011-2020.



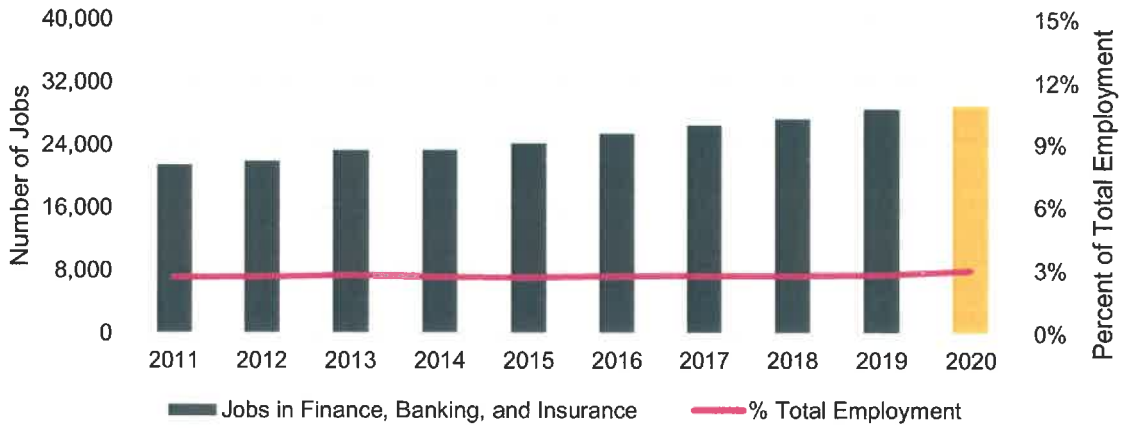
Emerging Technology

Figure 13: Employment Change in Emerging Technology Target Industry, 2011-2020.



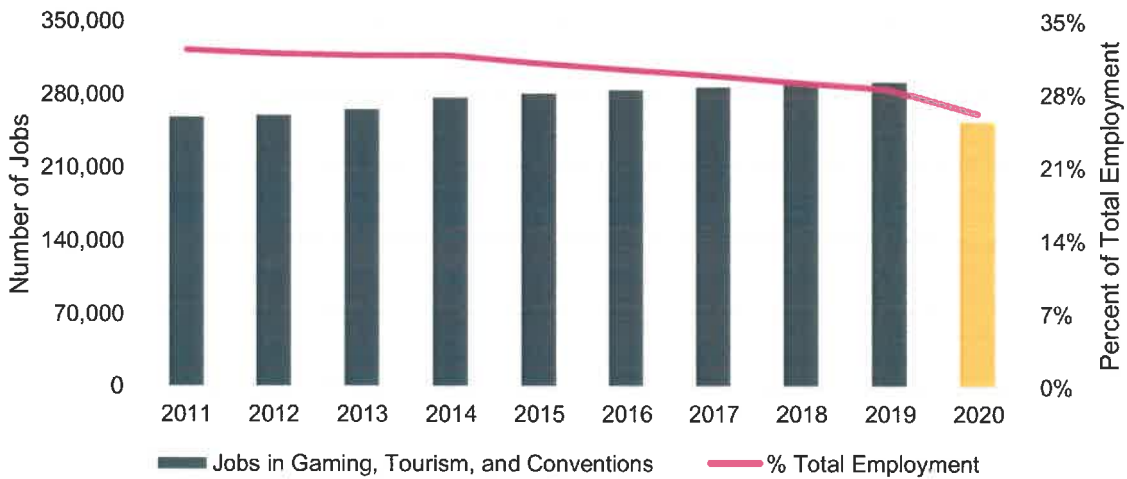
Finance, Banking, & Insurance

Figure 14: Employment Change in Finance, Banking, & Insurance Target Industry, 2011-2020.



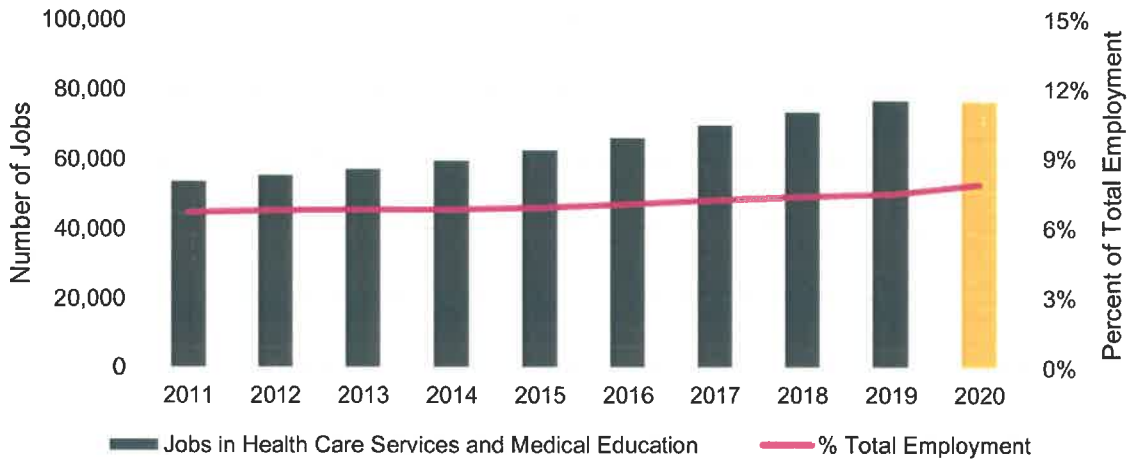
Gaming, Tourism, & Conventions

Figure 15: Employment Change in Gaming, Tourism, & Conventions Target Industry, 2011-2020.



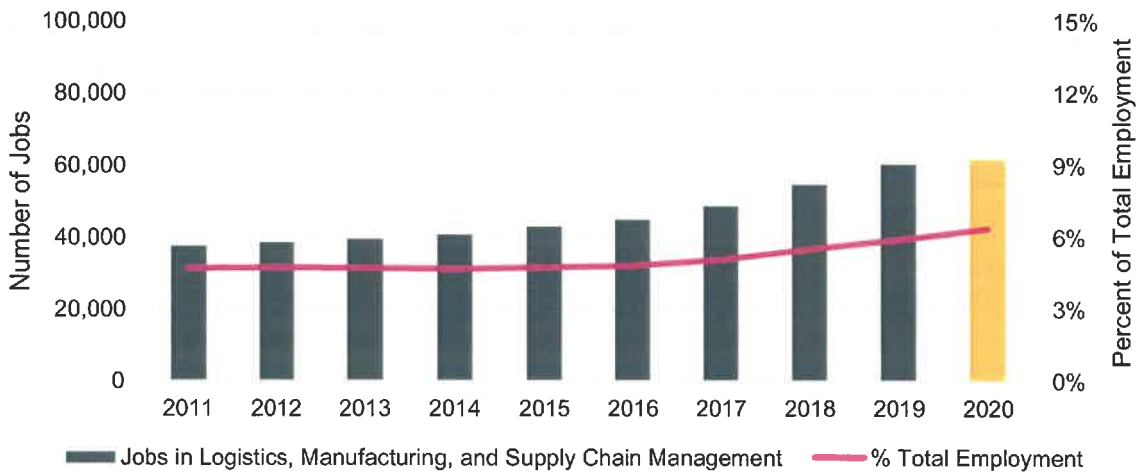
Health Care Services & Medical Education

Figure 16: Employment Change in Health Care Services & Medical Education Target Industry, 2011-2020.



Logistics, Manufacturing, & Supply Chain Management

Figure 17: Employment Change in Logistics, Manufacturing, & Supply Chain Management Target Industry, 2011-2020.



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Appendix B: Associated NAICS Codes for New Target Industries

General & Advanced Manufacturing NAICS Codes

Component Industry	NAICS	NAICS Name
General Manufacturing	323111	Commercial Printing (except Screen and Books)
General Manufacturing	332322	Sheet Metal Work Manufacturing
General Manufacturing	312112	Bottled Water Manufacturing
General Manufacturing	323113	Commercial Screen Printing
General Manufacturing	327320	Ready-Mix Concrete Manufacturing
General Manufacturing	332323	Ornamental and Architectural Metal Work Manufacturing
General Manufacturing	311811	Retail Bakeries
General Manufacturing	332312	Fabricated Structural Metal Manufacturing
General Manufacturing	337127	Institutional Furniture Manufacturing
General Manufacturing	311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
General Manufacturing	327420	Gypsum Product Manufacturing
General Manufacturing	321214	Truss Manufacturing

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General Manufacturing	327390	Other Concrete Product Manufacturing
General Manufacturing	312111	Soft Drink Manufacturing
General Manufacturing	331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding
General Manufacturing	311511	Fluid Milk Manufacturing
General Manufacturing	311821	Cookie and Cracker Manufacturing
General Manufacturing	311612	Meat Processed from Carcasses
General Manufacturing	311991	Perishable Prepared Food Manufacturing
General Manufacturing	314910	Textile Bag and Canvas Mills
General Manufacturing	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
General Manufacturing	322291	Sanitary Paper Product Manufacturing
General Manufacturing	311919	Other Snack Food Manufacturing
General Manufacturing	327215	Glass Product Manufacturing Made of Purchased Glass
General Manufacturing	326121	Unlaminated Plastics Profile Shape Manufacturing
General Manufacturing	311411	Frozen Fruit, Juice, and Vegetable Manufacturing
General Manufacturing	332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
General Manufacturing	331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
General Manufacturing	337212	Custom Architectural Woodwork and Millwork Manufacturing

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General Manufacturing	326199	All Other Plastics Product Manufacturing
General Manufacturing	311830	Tortilla Manufacturing
General Manufacturing	332510	Hardware Manufacturing
General Manufacturing	333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing
General Manufacturing	325620	Toilet Preparation Manufacturing
General Manufacturing	325611	Soap and Other Detergent Manufacturing
General Manufacturing	333111	Farm Machinery and Equipment Manufacturing
General Manufacturing	327331	Concrete Block and Brick Manufacturing
General Manufacturing	311421	Fruit and Vegetable Canning
General Manufacturing	332321	Metal Window and Door Manufacturing
General Manufacturing	325520	Adhesive Manufacturing
General Manufacturing	332618	Other Fabricated Wire Product Manufacturing
General Manufacturing	315210	Cut and Sew Apparel Contractors
General Manufacturing	322121	Paper (except Newsprint) Mills
General Manufacturing	322219	Other Paperboard Container Manufacturing
General Manufacturing	337920	Blind and Shade Manufacturing
General Manufacturing	326212	Tire Retreading

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General Manufacturing	321920	Wood Container and Pallet Manufacturing
General Manufacturing	311352	Confectionery Manufacturing from Purchased Chocolate
General Manufacturing	311340	Nonchocolate Confectionery Manufacturing
General Manufacturing	326160	Plastics Bottle Manufacturing
General Manufacturing	327410	Lime Manufacturing
General Manufacturing	337215	Showcase, Partition, Shelving, and Locker Manufacturing
General Manufacturing	327332	Concrete Pipe Manufacturing
General Manufacturing	337122	Nonupholstered Wood Household Furniture Manufacturing
General Manufacturing	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
General Manufacturing	337214	Office Furniture (except Wood) Manufacturing
General Manufacturing	311920	Coffee and Tea Manufacturing
General Manufacturing	337121	Upholstered Household Furniture Manufacturing
General Manufacturing	312120	Breweries
General Manufacturing	321918	Other Millwork (including Flooring)
General Manufacturing	332216	Saw Blade and Handtool Manufacturing
General Manufacturing	332311	Prefabricated Metal Building and Component Manufacturing
General Manufacturing	321114	Wood Preservation

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General Manufacturing	337110	Wood Kitchen Cabinet and Countertop Manufacturing
General Manufacturing	332119	Metal Crown, Closure, and Other Metal Stamping (except Automotive)
General Manufacturing	321911	Wood Window and Door Manufacturing
General Manufacturing	332811	Metal Heat Treating
General Manufacturing	333517	Machine Tool Manufacturing
General Manufacturing	312140	Distilleries
General Manufacturing	326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
General Manufacturing	312230	Tobacco Manufacturing
General Manufacturing	332993	Ammunition (except Small Arms) Manufacturing
General Manufacturing	325612	Polish and Other Sanitation Good Manufacturing
General Manufacturing	311225	Fats and Oils Refining and Blending
General Manufacturing	326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
General Manufacturing	326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing
General Manufacturing	325510	Paint and Coating Manufacturing
General Manufacturing	322299	All Other Converted Paper Product Manufacturing
General Manufacturing	326140	Polystyrene Foam Product Manufacturing
General Manufacturing	311999	All Other Miscellaneous Food Manufacturing

SRI International

General	315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
Manufacturing		
General	311111	Dog and Cat Food Manufacturing
Manufacturing		
General	311119	Other Animal Food Manufacturing
Manufacturing		
General	311211	Flour Milling
Manufacturing		
General	311212	Rice Milling
Manufacturing		
General	311213	Malt Manufacturing
Manufacturing		
General	311221	Wet Corn Milling
Manufacturing		
General	311224	Soybean and Other Oilseed Processing
Manufacturing		
General	311230	Breakfast Cereal Manufacturing
Manufacturing		
General	311313	Beet Sugar Manufacturing
Manufacturing		
General	311314	Cane Sugar Manufacturing
Manufacturing		
General	311351	Chocolate and Confectionery Manufacturing from Cacao Beans
Manufacturing		
General	311422	Specialty Canning
Manufacturing		
General	311423	Dried and Dehydrated Food Manufacturing
Manufacturing		
General	311512	Creamery Butter Manufacturing
Manufacturing		
General	311513	Cheese Manufacturing
Manufacturing		
General	311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
Manufacturing		

SRI International

General Manufacturing	311611	Animal (except Poultry) Slaughtering
General Manufacturing	311615	Poultry Processing
General Manufacturing	311710	Seafood Product Preparation and Packaging
General Manufacturing	311813	Frozen Cakes, Pies, and Other Pastries Manufacturing
General Manufacturing	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
General Manufacturing	311911	Roasted Nuts and Peanut Butter Manufacturing
General Manufacturing	311930	Flavoring Syrup and Concentrate Manufacturing
General Manufacturing	312130	Wineries
General Manufacturing	313110	Fiber, Yarn, and Thread Mills
General Manufacturing	313220	Narrow Fabric Mills and Schiffli Machine Embroidery
General Manufacturing	313240	Knit Fabric Mills
General Manufacturing	313310	Textile and Fabric Finishing Mills
General Manufacturing	314110	Carpet and Rug Mills
General Manufacturing	315110	Hosiery and Sock Mills
General Manufacturing	315190	Other Apparel Knitting Mills
General Manufacturing	315220	Men's and Boys' Cut and Sew Apparel Manufacturing
General Manufacturing	315280	Other Cut and Sew Apparel Manufacturing

SRI International

General	316110	Leather and Hide Tanning and Finishing
Manufacturing		
General	316210	Footwear Manufacturing
Manufacturing		
General	316992	Women's Handbag and Purse Manufacturing
Manufacturing		
General	321113	Sawmills
Manufacturing		
General	321211	Hardwood Veneer and Plywood Manufacturing
Manufacturing		
General	321212	Softwood Veneer and Plywood Manufacturing
Manufacturing		
General	321213	Engineered Wood Member (except Truss) Manufacturing
Manufacturing		
General	321219	Reconstituted Wood Product Manufacturing
Manufacturing		
General	321912	Cut Stock, Resawing Lumber, and Planing
Manufacturing		
General	321991	Manufactured Home (Mobile Home) Manufacturing
Manufacturing		
General	321992	Prefabricated Wood Building Manufacturing
Manufacturing		
General	322110	Pulp Mills
Manufacturing		
General	322122	Newsprint Mills
Manufacturing		
General	322130	Paperboard Mills
Manufacturing		
General	322211	Corrugated and Solid Fiber Box Manufacturing
Manufacturing		
General	322212	Folding Paperboard Box Manufacturing
Manufacturing		
General	322230	Stationery Product Manufacturing
Manufacturing		

SRI International

General Manufacturing	323117	Books Printing
General Manufacturing	325613	Surface Active Agent Manufacturing
General Manufacturing	326122	Plastics Pipe and Pipe Fitting Manufacturing
General Manufacturing	326220	Rubber and Plastics Hoses and Belting Manufacturing
General Manufacturing	326291	Rubber Product Manufacturing for Mechanical Use
General Manufacturing	327211	Flat Glass Manufacturing
General Manufacturing	327212	Other Pressed and Blown Glass and Glassware Manufacturing
General Manufacturing	327213	Glass Container Manufacturing
General Manufacturing	327310	Cement Manufacturing
General Manufacturing	331221	Rolled Steel Shape Manufacturing
General Manufacturing	331420	Copper Rolling, Drawing, Extruding, and Alloying
General Manufacturing	331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
General Manufacturing	332111	Iron and Steel Forging
General Manufacturing	332112	Nonferrous Forging
General Manufacturing	332114	Custom Roll Forming
General Manufacturing	332117	Powder Metallurgy Part Manufacturing
General Manufacturing	332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing

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General Manufacturing	332410	Power Boiler and Heat Exchanger Manufacturing
General Manufacturing	332431	Metal Can Manufacturing
General Manufacturing	332439	Other Metal Container Manufacturing
General Manufacturing	332613	Spring Manufacturing
General Manufacturing	332911	Industrial Valve Manufacturing
General Manufacturing	332913	Plumbing Fixture Fitting and Trim Manufacturing
General Manufacturing	332919	Other Metal Valve and Pipe Fitting Manufacturing
General Manufacturing	332991	Ball and Roller Bearing Manufacturing
General Manufacturing	332992	Small Arms Ammunition Manufacturing
General Manufacturing	333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
General Manufacturing	333120	Construction Machinery Manufacturing
General Manufacturing	333131	Mining Machinery and Equipment Manufacturing
General Manufacturing	333132	Oil and Gas Field Machinery and Equipment Manufacturing
General Manufacturing	333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
General Manufacturing	333511	Industrial Mold Manufacturing
General Manufacturing	333515	Cutting Tool and Machine Tool Accessory Manufacturing
General Manufacturing	333519	Rolling Mill and Other Metalworking Machinery Manufacturing

SRI International

General Manufacturing	337124	Metal Household Furniture Manufacturing
General Manufacturing	337125	Household Furniture (except Wood and Metal) Manufacturing
General Manufacturing	337211	Wood Office Furniture Manufacturing
General Manufacturing	332313	Plate Work Manufacturing
General Manufacturing	326191	Plastics Plumbing Fixture Manufacturing
General Manufacturing	311812	Commercial Bakeries
General Manufacturing	321999	All Other Miscellaneous Wood Product Manufacturing
General Manufacturing	333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
General Manufacturing	331222	Steel Wire Drawing
General Manufacturing	316998	All Other Leather Good and Allied Product Manufacturing
General Manufacturing	311613	Rendering and Meat Byproduct Processing
General Manufacturing	332420	Metal Tank (Heavy Gauge) Manufacturing
General Manufacturing	332813	Electroplating, Plating, Polishing, Anodizing, and Coloring
General Manufacturing	322220	Paper Bag and Coated and Treated Paper Manufacturing
General Manufacturing	337910	Mattress Manufacturing
General Manufacturing	315990	Apparel Accessories and Other Apparel Manufacturing
General Manufacturing	332721	Precision Turned Product Manufacturing

SRI International

General	314999	All Other Miscellaneous Textile Product Mills
Manufacturing		
General	333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment
Manufacturing		Manufacturing
General	332912	Fluid Power Valve and Hose Fitting Manufacturing
Manufacturing		
General	313210	Broadwoven Fabric Mills
Manufacturing		
General	312113	Ice Manufacturing
Manufacturing		
General	332996	Fabricated Pipe and Pipe Fitting Manufacturing
Manufacturing		
General	311942	Spice and Extract Manufacturing
Manufacturing		
General	311412	Frozen Specialty Food Manufacturing
Manufacturing		
General	326299	All Other Rubber Product Manufacturing
Manufacturing		
General	326211	Tire Manufacturing (except Retreading)
Manufacturing		
General	332710	Machine Shops
Manufacturing		
General	323120	Support Activities for Printing
Manufacturing		
General	313320	Fabric Coating Mills
Manufacturing		
General	332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing
Manufacturing		
General	313230	Nonwoven Fabric Mills
Manufacturing		
General	326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
Manufacturing		
General	331410	Nonferrous Metal (except Aluminum) Smelting and Refining
Manufacturing		

SRI International

General	311520	Ice Cream and Frozen Dessert Manufacturing
Manufacturing		
Advanced	333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
Manufacturing		
Advanced	325412	Pharmaceutical Preparation Manufacturing
Manufacturing		
Advanced	325411	Medicinal and Botanical Manufacturing
Manufacturing		
Advanced	327991	Cut Stone and Stone Product Manufacturing
Manufacturing		
Advanced	325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing
Manufacturing		
Advanced	336991	Motorcycle, Bicycle, and Parts Manufacturing
Manufacturing		
Advanced	335931	Current-Carrying Wiring Device Manufacturing
Manufacturing		
Advanced	334519	Other Measuring and Controlling Device Manufacturing
Manufacturing		
Advanced	334417	Electronic Connector Manufacturing
Manufacturing		
Advanced	339116	Dental Laboratories
Manufacturing		
Advanced	339910	Jewelry and Silverware Manufacturing
Manufacturing		
Advanced	335314	Relay and Industrial Control Manufacturing
Manufacturing		
Advanced	334310	Audio and Video Equipment Manufacturing
Manufacturing		
Advanced	336211	Motor Vehicle Body Manufacturing
Manufacturing		
Advanced	325314	Fertilizer (Mixing Only) Manufacturing
Manufacturing		
Advanced	334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
Manufacturing		

SRI International

Advanced Manufacturing	339991	Gasket, Packing, and Sealing Device Manufacturing
Advanced Manufacturing	334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
Advanced Manufacturing	327120	Clay Building Material and Refractories Manufacturing
Advanced Manufacturing	333995	Fluid Power Cylinder and Actuator Manufacturing
Advanced Manufacturing	325199	All Other Basic Organic Chemical Manufacturing
Advanced Manufacturing	334419	Other Electronic Component Manufacturing
Advanced Manufacturing	339113	Surgical Appliance and Supplies Manufacturing
Advanced Manufacturing	334412	Bare Printed Circuit Board Manufacturing
Advanced Manufacturing	335311	Power, Distribution, and Specialty Transformer Manufacturing
Advanced Manufacturing	324199	All Other Petroleum and Coal Products Manufacturing
Advanced Manufacturing	334517	Irradiation Apparatus Manufacturing
Advanced Manufacturing	339920	Sporting and Athletic Goods Manufacturing
Advanced Manufacturing	327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
Advanced Manufacturing	339940	Office Supplies (except Paper) Manufacturing
Advanced Manufacturing	324110	Petroleum Refineries
Advanced Manufacturing	324122	Asphalt Shingle and Coating Materials Manufacturing
Advanced Manufacturing	324191	Petroleum Lubricating Oil and Grease Manufacturing

SRI International

Advanced Manufacturing	325110	Petrochemical Manufacturing
Advanced Manufacturing	325120	Industrial Gas Manufacturing
Advanced Manufacturing	325130	Synthetic Dye and Pigment Manufacturing
Advanced Manufacturing	325193	Ethyl Alcohol Manufacturing
Advanced Manufacturing	325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
Advanced Manufacturing	325211	Plastics Material and Resin Manufacturing
Advanced Manufacturing	325212	Synthetic Rubber Manufacturing
Advanced Manufacturing	325220	Artificial and Synthetic Fibers and Filaments Manufacturing
Advanced Manufacturing	325311	Nitrogenous Fertilizer Manufacturing
Advanced Manufacturing	325312	Phosphatic Fertilizer Manufacturing
Advanced Manufacturing	325320	Pesticide and Other Agricultural Chemical Manufacturing
Advanced Manufacturing	325414	Biological Product (except Diagnostic) Manufacturing
Advanced Manufacturing	325910	Printing Ink Manufacturing
Advanced Manufacturing	325920	Explosives Manufacturing
Advanced Manufacturing	325992	Photographic Film, Paper, Plate, and Chemical Manufacturing
Advanced Manufacturing	327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
Advanced Manufacturing	327910	Abrasive Product Manufacturing

SRI International

Advanced Manufacturing	327993	Mineral Wool Manufacturing
Advanced Manufacturing	331110	Iron and Steel Mills and Ferroalloy Manufacturing
Advanced Manufacturing	331313	Alumina Refining and Primary Aluminum Production
Advanced Manufacturing	331314	Secondary Smelting and Alloying of Aluminum
Advanced Manufacturing	331315	Aluminum Sheet, Plate, and Foil Manufacturing
Advanced Manufacturing	331318	Other Aluminum Rolling, Drawing, and Extruding
Advanced Manufacturing	331511	Iron Foundries
Advanced Manufacturing	331512	Steel Investment Foundries
Advanced Manufacturing	331513	Steel Foundries (except Investment)
Advanced Manufacturing	331523	Nonferrous Metal Die-Casting Foundries
Advanced Manufacturing	331524	Aluminum Foundries (except Die-Casting)
Advanced Manufacturing	331529	Other Nonferrous Metal Foundries (except Die-Casting)
Advanced Manufacturing	333241	Food Product Machinery Manufacturing
Advanced Manufacturing	333242	Semiconductor Machinery Manufacturing
Advanced Manufacturing	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
Advanced Manufacturing	333244	Printing Machinery and Equipment Manufacturing
Advanced Manufacturing	333314	Optical Instrument and Lens Manufacturing

SRI International*

Advanced Manufacturing	333316	Photographic and Photocopying Equipment Manufacturing
Advanced Manufacturing	333611	Turbine and Turbine Generator Set Units Manufacturing
Advanced Manufacturing	333612	Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing
Advanced Manufacturing	333613	Mechanical Power Transmission Equipment Manufacturing
Advanced Manufacturing	333618	Other Engine Equipment Manufacturing
Advanced Manufacturing	333912	Air and Gas Compressor Manufacturing
Advanced Manufacturing	333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing
Advanced Manufacturing	333921	Elevator and Moving Stairway Manufacturing
Advanced Manufacturing	333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
Advanced Manufacturing	333991	Power-Driven Handtool Manufacturing
Advanced Manufacturing	333992	Welding and Soldering Equipment Manufacturing
Advanced Manufacturing	333993	Packaging Machinery Manufacturing
Advanced Manufacturing	333994	Industrial Process Furnace and Oven Manufacturing
Advanced Manufacturing	333996	Fluid Power Pump and Motor Manufacturing
Advanced Manufacturing	333997	Scale and Balance Manufacturing
Advanced Manufacturing	334112	Computer Storage Device Manufacturing
Advanced Manufacturing	334210	Telephone Apparatus Manufacturing

SRI International

Advanced Manufacturing	334290	Other Communications Equipment Manufacturing
Advanced Manufacturing	334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
Advanced Manufacturing	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
Advanced Manufacturing	334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
Advanced Manufacturing	334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
Advanced Manufacturing	334514	Totalizing Fluid Meter and Counting Device Manufacturing
Advanced Manufacturing	334613	Blank Magnetic and Optical Recording Media Manufacturing
Advanced Manufacturing	334614	Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing
Advanced Manufacturing	335110	Electric Lamp Bulb and Part Manufacturing
Advanced Manufacturing	335121	Residential Electric Lighting Fixture Manufacturing
Advanced Manufacturing	335129	Other Lighting Equipment Manufacturing
Advanced Manufacturing	335210	Small Electrical Appliance Manufacturing
Advanced Manufacturing	335220	Major Household Appliance Manufacturing
Advanced Manufacturing	335312	Motor and Generator Manufacturing
Advanced Manufacturing	335313	Switchgear and Switchboard Apparatus Manufacturing
Advanced Manufacturing	335911	Storage Battery Manufacturing
Advanced Manufacturing	335912	Primary Battery Manufacturing

SRI International

Advanced Manufacturing	335921	Fiber Optic Cable Manufacturing
Advanced Manufacturing	335932	Noncurrent-Carrying Wiring Device Manufacturing
Advanced Manufacturing	335991	Carbon and Graphite Product Manufacturing
Advanced Manufacturing	336212	Truck Trailer Manufacturing
Advanced Manufacturing	336213	Motor Home Manufacturing
Advanced Manufacturing	336330	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
Advanced Manufacturing	336340	Motor Vehicle Brake System Manufacturing
Advanced Manufacturing	336350	Motor Vehicle Transmission and Power Train Parts Manufacturing
Advanced Manufacturing	336360	Motor Vehicle Seating and Interior Trim Manufacturing
Advanced Manufacturing	336370	Motor Vehicle Metal Stamping
Advanced Manufacturing	336390	Other Motor Vehicle Parts Manufacturing
Advanced Manufacturing	336510	Railroad Rolling Stock Manufacturing
Advanced Manufacturing	336611	Ship Building and Repairing
Advanced Manufacturing	336612	Boat Building
Advanced Manufacturing	339114	Dental Equipment and Supplies Manufacturing
Advanced Manufacturing	339992	Musical Instrument Manufacturing
Advanced Manufacturing	339993	Fastener, Button, Needle, and Pin Manufacturing

SRI International

Advanced Manufacturing	339994	Broom, Brush, and Mop Manufacturing
Advanced Manufacturing	339995	Burial Casket Manufacturing
Advanced Manufacturing	324121	Asphalt Paving Mixture and Block Manufacturing
Advanced Manufacturing	334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
Advanced Manufacturing	334516	Analytical Laboratory Instrument Manufacturing
Advanced Manufacturing	336214	Travel Trailer and Camper Manufacturing
Advanced Manufacturing	339115	Ophthalmic Goods Manufacturing
Advanced Manufacturing	334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
Advanced Manufacturing	336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
Advanced Manufacturing	327992	Ground or Treated Mineral and Earth Manufacturing
Advanced Manufacturing	336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
Advanced Manufacturing	333318	Other Commercial and Service Industry Machinery Manufacturing
Advanced Manufacturing	335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing
Advanced Manufacturing	335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing
Advanced Manufacturing	333249	Other Industrial Machinery Manufacturing
Advanced Manufacturing	325413	In-Vitro Diagnostic Substance Manufacturing
Advanced Manufacturing	339950	Sign Manufacturing

SRI International

Advanced Manufacturing	335929	Other Communication and Energy Wire Manufacturing
Advanced Manufacturing	333922	Conveyor and Conveying Equipment Manufacturing
Advanced Manufacturing	339112	Surgical and Medical Instrument Manufacturing
Advanced Manufacturing	339930	Doll, Toy, and Game Manufacturing
Advanced Manufacturing	334413	Semiconductor and Related Device Manufacturing
Advanced Manufacturing	325991	Custom Compounding of Purchased Resins
Advanced Manufacturing	336414	Guided Missile and Space Vehicle Manufacturing
Advanced Manufacturing	333999	All Other Miscellaneous General Purpose Machinery Manufacturing
Advanced Manufacturing	325180	Other Basic Inorganic Chemical Manufacturing
Advanced Manufacturing	339999	All Other Miscellaneous Manufacturing

SRI International*

Business & Financial Services NAICS Codes

Component Industry	NAICS	NAICS Name
Business Administration	561612	Security Guards and Patrol Services
Business Administration	561320	Temporary Help Services
Business Administration	561920	Convention and Trade Show Organizers
Business Administration	561730	Landscaping Services
Business Administration	561720	Janitorial Services
Business Administration	561990	All Other Support Services
Business Administration	561110	Office Administrative Services
Business Administration	561790	Other Services to Buildings and Dwellings
Business Administration	561410	Document Preparation Services
Business Administration	561311	Employment Placement Agencies
Business Administration	561510	Travel Agencies
Business Administration	561621	Security Systems Services (except Locksmiths)
Business Administration	561710	Exterminating and Pest Control Services
Business Administration	561421	Telephone Answering Services
Business Administration	561740	Carpet and Upholstery Cleaning Services
Business Administration	561520	Tour Operators
Business Administration	561450	Credit Bureaus
Business Administration	561622	Locksmiths
Business Administration	561431	Private Mail Centers
Business Administration	561499	All Other Business Support Services
Business Administration	561492	Court Reporting and Stenotype Services
Business Administration	561613	Armored Car Services
Business Administration	561439	Other Business Service Centers (including Copy Shops)
Business Administration	561491	Repossession Services
Business Administration	561330	Professional Employer Organizations
Business Administration	561312	Executive Search Services
Business Administration	561591	Convention and Visitors Bureaus

SRI International'

Business Administration	561910	Packaging and Labeling Services
Business Administration	561611	Investigation Services
Business Administration	561210	Facilities Support Services
Business Administration	561440	Collection Agencies
Business Administration	561599	All Other Travel Arrangement and Reservation Services
Financial Services	522292	Real Estate Credit
Financial Services	524210	Insurance Agencies and Brokerages
Financial Services	524298	All Other Insurance Related Activities
Financial Services	522210	Credit Card Issuing
Financial Services	524291	Claims Adjusting
Financial Services	524292	Third Party Administration of Insurance and Pension Funds
Financial Services	524114	Direct Health and Medical Insurance Carriers
Financial Services	522310	Mortgage and Nonmortgage Loan Brokers
Financial Services	522320	Financial Transactions Processing, Reserve, and Clearinghouse Activities
Financial Services	522220	Sales Financing
Financial Services	522298	All Other Nondepository Credit Intermediation
Financial Services	523930	Investment Advice
Financial Services	523920	Portfolio Management
Financial Services	523991	Trust, Fiduciary, and Custody Activities
Financial Services	523910	Miscellaneous Intermediation
Financial Services	524126	Direct Property and Casualty Insurance Carriers
Financial Services	523120	Securities Brokerage
Financial Services	523110	Investment Banking and Securities Dealing
Financial Services	523130	Commodity Contracts Dealing
Financial Services	523999	Miscellaneous Financial Investment Activities
Financial Services	524127	Direct Title Insurance Carriers
Financial Services	523210	Securities and Commodity Exchanges
Financial Services	522190	Other Depository Credit Intermediation
Financial Services	522293	International Trade Financing
Financial Services	522294	Secondary Market Financing
Financial Services	523140	Commodity Contracts Brokerage
Financial Services	524130	Reinsurance Carriers

SRI International

Financial Services	522291	Consumer Lending
Financial Services	524128	Other Direct Insurance (except Life, Health, and Medical) Carriers
Financial Services	522390	Other Activities Related to Credit Intermediation
Financial Services	524113	Direct Life Insurance Carriers
Financial Services	522120	Savings Institutions
Financial Services	522110	Commercial Banking
Management & Professional Services	551114	Corporate, Subsidiary, and Regional Managing Offices
Management & Professional Services	541930	Translation and Interpretation Services
Management & Professional Services	541940	Veterinary Services
Management & Professional Services	541219	Other Accounting Services
Management & Professional Services	541613	Marketing Consulting Services
Management & Professional Services	541611	Administrative Management and General Management Consulting Services
Management & Professional Services	541110	Offices of Lawyers
Management & Professional Services	541211	Offices of Certified Public Accountants
Management & Professional Services	541990	All Other Professional, Scientific, and Technical Services
Management & Professional Services	541380	Testing Laboratories
Management & Professional Services	541870	Advertising Material Distribution Services
Management & Professional Services	541214	Payroll Services
Management & Professional Services	541612	Human Resources Consulting Services

SRI International

Management & Professional Services	541370	Surveying and Mapping (except Geophysical) Services
Management & Professional Services	541350	Building Inspection Services
Management & Professional Services	541340	Drafting Services
Management & Professional Services	541199	All Other Legal Services
Management & Professional Services	541618	Other Management Consulting Services
Management & Professional Services	541720	Research and Development in the Social Sciences and Humanities
Management & Professional Services	541213	Tax Preparation Services
Management & Professional Services	541191	Title Abstract and Settlement Offices
Management & Professional Services	541714	Research and Development in Biotechnology (except Nanobiotechnology)
Management & Professional Services	551112	Offices of Other Holding Companies
Management & Professional Services	551111	Offices of Bank Holding Companies
Management & Professional Services	541614	Process, Physical Distribution, and Logistics Consulting Services

SRI International

Creative Industries NAICS Codes

Component Industry	NAICS	NAICS Name
Creative Professional Services	541310	Architectural Services
Creative Professional Services	541850	Outdoor Advertising
Creative Professional Services	541922	Commercial Photography
Creative Professional Services	541410	Interior Design Services
Creative Professional Services	541820	Public Relations Agencies
Creative Professional Services	541490	Other Specialized Design Services
Creative Professional Services	541921	Photography Studios, Portrait
Creative Professional Services	541430	Graphic Design Services
Creative Professional Services	541320	Landscape Architectural Services
Creative Professional Services	541420	Industrial Design Services
Creative Professional Services	541830	Media Buying Agencies
Creative Professional Services	541810	Advertising Agencies
Creative Professional Services	541860	Direct Mail Advertising
Creative Professional Services	541890	Other Services Related to Advertising
Creative Professional Services	541840	Media Representatives
Entertainers & Supporting Services	711310	Promoters of Performing Arts, Sports, and Similar Events with Facilities
Entertainers & Supporting Services	711510	Independent Artists, Writers, and Performers
Entertainers & Supporting Services	711211	Sports Teams and Clubs
Entertainers & Supporting Services	711320	Promoters of Performing Arts, Sports, and Similar Events without Facilities
Entertainers & Supporting Services	711130	Musical Groups and Artists
Entertainers & Supporting Services	711219	Other Spectator Sports

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Entertainers & Supporting Services	711212	Racetracks
Entertainers & Supporting Services	711190	Other Performing Arts Companies
Entertainers & Supporting Services	711410	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
Entertainers & Supporting Services	711120	Dance Companies
Entertainers & Supporting Services	711110	Theater Companies and Dinner Theaters
Media Broadcasting & Distribution	512131	Motion Picture Theaters (except Drive-Ins)
Media Broadcasting & Distribution	515111	Radio Networks
Media Broadcasting & Distribution	451140	Musical Instrument and Supplies Stores
Media Broadcasting & Distribution	515210	Cable and Other Subscription Programming
Media Broadcasting & Distribution	512132	Drive-In Motion Picture Theaters
Media Broadcasting & Distribution	512120	Motion Picture and Video Distribution
Media Broadcasting & Distribution	519120	Libraries and Archives
Media Broadcasting & Distribution	519110	News Syndicates
Media Broadcasting & Distribution	424920	Book, Periodical, and Newspaper Merchant Wholesalers
Media Broadcasting & Distribution	515120	Television Broadcasting
Media Broadcasting & Distribution	453920	Art Dealers
Media Broadcasting & Distribution	515112	Radio Stations

SRI International

Media Broadcasting & Distribution	451211	Book Stores
Media Production	512110	Motion Picture and Video Production
Media Production	512290	Other Sound Recording Industries
Media Production	512191	Teleproduction and Other Postproduction Services
Media Production	512240	Sound Recording Studios
Media Production	511199	All Other Publishers
Media Production	512230	Music Publishers
Media Production	512250	Record Production and Distribution
Media Production	511191	Greeting Card Publishers
Media Production	512199	Other Motion Picture and Video Industries
Media Production	511120	Periodical Publishers
Media Production	511130	Book Publishers
Media Production	511110	Newspaper Publishers

SRI International

Clean Technologies

Component Industry	NAICS	NAICS Name
Clean Energy Generation	221114	Solar Electric Power Generation
Clean Energy Generation	221116	Geothermal Electric Power Generation
Clean Energy Generation	221111	Hydroelectric Power Generation
Clean Energy Generation	221113	Nuclear Electric Power Generation
Clean Energy Generation	221115	Wind Electric Power Generation
Clean Energy Generation	221117	Biomass Electric Power Generation
Clean Energy Generation	221118	Other Electric Power Generation
Distribution & Wholesale	423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
Distribution & Wholesale	221121	Electric Bulk Power Transmission and Control
Distribution & Wholesale	423690	Other Electronic Parts and Equipment Merchant Wholesalers
Distribution & Wholesale	221330	Steam and Air-Conditioning Supply
Distribution & Wholesale	221122	Electric Power Distribution
Engineering & Support	541330	Engineering Services
Engineering & Support	541380	Testing Laboratories

SRI International

Engineering & Support	541690	Other Scientific and Technical Consulting Services
Engineering & Support	541620	Environmental Consulting Services
Engineering & Support	541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
Engineering & Support	541713	Research and Development in Nanotechnology
Engineering & Support	541360	Geophysical Surveying and Mapping Services
HVAC & Plumbing Contractors	238220	Plumbing, Heating, and Air-Conditioning Contractors

SRI International

Transportation & Logistics Technologies

Component Industry	NAICS	NAICS Name
Distribution & Warehousing	493110	General Warehousing and Storage
Distribution & Warehousing	484220	Specialized Freight (except Used Goods) Trucking, Local
Distribution & Warehousing	484122	General Freight Trucking, Long-Distance, Less Than Truckload
Distribution & Warehousing	484121	General Freight Trucking, Long-Distance, Truckload
Distribution & Warehousing	484110	General Freight Trucking, Local
Distribution & Warehousing	484230	Specialized Freight (except Used Goods) Trucking, Long-Distance
Distribution & Warehousing	484210	Used Household and Office Goods Moving
Distribution & Warehousing	493120	Refrigerated Warehousing and Storage
Distribution & Warehousing	493190	Other Warehousing and Storage
Distribution & Warehousing	493130	Farm Product Warehousing and Storage
Distribution & Warehousing	481212	Nonscheduled Chartered Freight Air Transportation
Distribution & Warehousing	481112	Scheduled Freight Air Transportation
Passenger Services	481111	Scheduled Passenger Air Transportation
Passenger Services	481211	Nonscheduled Chartered Passenger Air Transportation
Passenger Services	481219	Other Nonscheduled Air Transportation
Transportation Support	488190	Other Support Activities for Air Transportation
Transportation Support	488119	Other Airport Operations
Transportation Support	611512	Flight Training
Transportation Support	488510	Freight Transportation Arrangement
Transportation Support	488410	Motor Vehicle Towing
Transportation Support	488490	Other Support Activities for Road Transportation
Transportation Support	488991	Packing and Crating
Transportation Support	488111	Air Traffic Control
Transportation Support	488999	All Other Support Activities for Transportation
Transportation Support	488210	Support Activities for Rail Transportation
Transportation Support	488310	Port and Harbor Operations
Transportation Support	488320	Marine Cargo Handling

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Transportation Support	488330	Navigational Services to Shipping
Transportation Support	488390	Other Support Activities for Water Transportation
Transportation Support	541614	Process, Physical Distribution, and Logistics Consulting Services
Production of Unmanned Autonomous Systems	336412	Aircraft Engine and Engine Parts Manufacturing
Production of Unmanned Autonomous Systems	336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing
Production of Unmanned Autonomous Systems	336411	Aircraft Manufacturing
Production of Unmanned Autonomous Systems	336112	Light Truck and Utility Vehicle Manufacturing
Production of Unmanned Autonomous Systems	336120	Heavy Duty Truck Manufacturing
Production of Unmanned Autonomous Systems	336415	Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing
Production of Unmanned Autonomous Systems	336419	Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
Production of Unmanned Autonomous Systems	336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing
Production of Unmanned Autonomous Systems	336999	All Other Transportation Equipment Manufacturing
Production of Unmanned Autonomous Systems	336111	Automobile Manufacturing

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Information & Communications Technologies

Component Industry	NAICS	NAICS Name
Cybersecurity	541512	Computer Systems Design Services
Cybersecurity	511210	Software Publishers
Cybersecurity	423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
Cybersecurity	518210	Data Processing, Hosting, and Related Services
Cybersecurity	541511	Custom Computer Programming Services
Cybersecurity	561621	Security Systems Services (except Locksmiths)
Cybersecurity	611420	Computer Training
Cybersecurity	334111	Electronic Computer Manufacturing
Cybersecurity	334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing
ICT Professional Services	561422	Telemarketing Bureaus and Other Contact Centers
ICT Professional Services	541910	Marketing Research and Public Opinion Polling
ICT Professional Services	541513	Computer Facilities Management Services
ICT Professional Services	541519	Other Computer Related Services

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Healthcare Services

Component Industry	NAICS	NAICS Name
Care Facilities	623110	Nursing Care Facilities (Skilled Nursing Facilities)
Care Facilities	623312	Assisted Living Facilities for the Elderly
Care Facilities	623311	Continuing Care Retirement Communities
Care Facilities	623220	Residential Mental Health and Substance Abuse Facilities
Care Facilities	623210	Residential Intellectual and Developmental Disability Facilities
Care Facilities	623990	Other Residential Care Facilities
General & Specialist Healthcare Services	621111	Offices of Physicians (except Mental Health Specialists)
General & Specialist Healthcare Services	621210	Offices of Dentists
General & Specialist Healthcare Services	621340	Offices of Physical, Occupational and Speech Therapists, and Audiologists
General & Specialist Healthcare Services	621610	Home Health Care Services
General & Specialist Healthcare Services	621493	Freestanding Ambulatory Surgical and Emergency Centers
General & Specialist Healthcare Services	621492	Kidney Dialysis Centers
General & Specialist Healthcare Services	621330	Offices of Mental Health Practitioners (except Physicians)
General & Specialist Healthcare Services	621420	Outpatient Mental Health and Substance Abuse Centers
General & Specialist Healthcare Services	621320	Offices of Optometrists
General & Specialist Healthcare Services	621399	Offices of All Other Miscellaneous Health Practitioners
General & Specialist Healthcare Services	621498	All Other Outpatient Care Centers
General & Specialist Healthcare Services	621991	Blood and Organ Banks
General & Specialist Healthcare Services	621310	Offices of Chiropractors
General & Specialist Healthcare Services	621910	Ambulance Services
General & Specialist Healthcare Services	621112	Offices of Physicians, Mental Health Specialists
General & Specialist Healthcare Services	621410	Family Planning Centers
General & Specialist Healthcare Services	621999	All Other Miscellaneous Ambulatory Health Care Services
General & Specialist Healthcare Services	621391	Offices of Podiatrists
General & Specialist Healthcare Services	621491	HMO Medical Centers
Hospitals	622110	General Medical and Surgical Hospitals
Hospitals	622210	Psychiatric and Substance Abuse Hospitals
Hospitals	622310	Specialty (except Psychiatric and Substance Abuse) Hospitals

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Healthcare Technologies & Research	541714	Research and Development in Biotechnology (except Nanobiotechnology)
Healthcare Technologies & Research	621511	Medical Laboratories
Healthcare Technologies & Research	621512	Diagnostic Imaging Centers