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Labor Markets in New Mexico’s Career and Technical Education Region I



Region I

Introduction

Career Technical Education (CTE) provides students of all ages with the academic and technical skills necessary to succeed in future careers and to become lifelong learners. In total, about 12.5 million high school and college students are enrolled in CTE across the nation. Funded by the Carl D. Perkins Career and Technical Education Act (Perkins), CTE prepares these learners for the world of work by introducing them to workplace competencies, and makes academic content accessible to students by providing hands-on experiences in various industry sectors.[[1]](#footnote-1)

More than 62,000 New Mexico students are enrolled in CTE programs, and more than 17,000 are “concentrators,” who take two or more CTE courses. CTE Concentrators graduate high school at a rate more than 23 percentage points higher than the general student body. More than half of the state’s community college students are enrolled in CTE programs, with more than 33,000 concentrating in CTE fields.

Federal legislation requires a Comprehensive Local Needs Assessment for proposed CTE programs, and the New Mexico Public Education Department commissioned this initiative to provide parameters and guidance to CTE program applicants. Our intention is to provide intelligence on regional labor markets and economic trends to inform CTE strategies that make high-quality career opportunities more available to the students we serve.

The Region

Region I comprises a number of school districts and charter schools:

* Clovis Municipal
* Dora Consolidated
* Elida Municipal
* Floyd Municipal
* Fort Sumner Municipal
* Grady Municipal
* Melrose
* Portales Municipal
* Texico Municipal

Regional Education Cooperatives (REC) REC exists to provide educational services to students, staff, and families of the member districts and communities. REC’s provide ancillary support and technical assistance in implementing federal and state statutes and regulations; professional development; and support for members in meeting the Public Education Department's requirements The Region Is served by Regional Education Cooperative #6.

Two degree-granting postsecondary institutions serve the area: Eastern New Mexico University and Clovis Community College. The districts lie primarily in Curry, Roosevelt and De Baca Counties, all of which are within the Eastern Workforce Region.

The Key Findings

**The People**

* CTE Region I has seen uneven population trends over recent years, with only Curry County experiencing slightly net positive growth since 2010. Combined, the region’s population has decreased 1.5% since that time, including a 12.2% decline in De Baca County.
* It is notable that the population of the region is aging. The youngest age bands have declined in recent years, while those 65 years and older have increased significantly (11.8%) since 2010.
* More than 53% of the population in the region has either a high school diploma and no college experience or some college experience and no degree.
* The percentage who hold a bachelor’s degree or higher (20.3%) is significantly lower than the national average of 30.9%.

**The Employers**

The largest industries in the Region are:

1. Government and Government Enterprises
2. Health Care and Social Assistance
3. Retail Trade
4. Agriculture, Forestry, Fishing and Hunting
5. Accommodation and Food Service
6. Transportation and Warehousing
7. Manufacturing
8. Construction

One of the unique characteristics of this region is the concentration of the *Transportation and Warehousing* industry and the services that support it. For example, workers in this region are concentrated in the *Long Distance Trucking* industry at a rate more than 10 times the national average and in Rail Transportation at more than 8 times the average. The manufacturing sector also has concentrations of particular industries in this region, with particular strength in Food and Beverage Manufacturing, including Dairy Products, Snack Foods and Animal Foods.

According to the New Mexico Department of Workforce Solutions, there are five organizations in the region who employ more than 250 workers.

* Eastern New Mexico University
* City of Clovis
* Southwest Cheese
* Walmart Supercenter
* Plains Regional Medical Center

**The Jobs**

The occupation families with the largest projected growth include:

1. Food Preparation and Serving Occupations (354 new jobs)
2. Business and Financial Operations (249)
3. Transportation and Material Moving (202)
4. Health Care Practitioners and Technical (195)
5. Personal Care and Service Occupations (182)
6. Community and Social Service Occupations (114)
7. Production Occupations (103)

This report also sought to identify “quality careers,” which are projected to grow significantly in coming years in this region and which typically pay higher-than-average wages.

Several of these Quality Careers were from the Education, Training and Library cluster, including projected growth at all levels of public school teachers. Significant growth is also projected in the Health Sciences cluster, including Registered Nurses ($67,750, 73 new jobs), Licensed Practical Nurses ($49,548, 6) and Clinical Laboratory Technologists ($44,181, 7), and in Installation, Maintenance and Repair, including Aircraft Mechanics and Service Technicians ($58,842, 5) and Industrial Machinery Mechanics ($57,584,13).

**The Observations**

This report identifies three segments of the regional economy which can serve as a starting point for conversations about the region’s economic priorities.

Education

Several of the region’s largest-growth occupations are from the Education, Training and Library Occupations family. These careers are a priority for the region in two primary ways: the careers offer stable employment with livable wages for the individuals who pursue them, and they are also in and of themselves, critical components of the region’s capacity to develop adequate labor supplies for high-priority industries and to attract quality employers to the region.

21st Century Transportation

Many of the region’s largest industries rely on an adequate transportation industry, including education, manufacturing and construction. Truck Drivers are in high demand throughout the region, and the evolution of technologies in this field mean that education and training will continue to be a primary component of readiness.

Installation, Maintenance and Repair

Some of the region’s most in-demand careers involve the installation, maintenance and repair of equipment, infrastructure and systems. Without accumulating crushing loads of college debt, individuals can develop high-demand skill sets that command higher-than-average wages. Careers like Industrial Machinery Mechanics, Telecommunication Equipment Installers and HVAC Installers are high-quality careers that support some of the region’s highest-priority industries.

Other areas that were considered for this recommendation, but ultimately not included were:

* Skilled construction trades
* Health Care Practitioners and Technical Occupations

The People

**Population**

There are 3,508 students enrolled in grades 9-12 across the region’s eight school districts. Trends in the region’s population will have an obvious effect on that enrollment and warrants regular analysis. CTE Region I has seen uneven population trends over recent years, with only Curry County experiencing slightly net positive growth since 2010. Combined, the region’s population has decreased 1.5% since that time, including a 12.2% decline in De Baca County.

**Table 1: Population by County, 2010-2018:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Curry | 48,963 | 49,806 | 50,799 | 50,775 | 51,115 | 50,299 | 50,303 | 49,842 | 49,437 |
| Roosevelt | 20,022 | 20,432 | 20,323 | 20,028 | 19,656 | 19,140 | 19,143 | 18,905 | 18,743 |
| De Baca | 2,029 | 1,998 | 1,955 | 1,927 | 1,859 | 1,871 | 1,833 | 1,813 | 1,781 |

**Demographics-Race and Ethnicity**

**Table 2: Region I Population, by Race and Ethnicity:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Race/Ethnicity | 2010 Population | 2018 Population | Change | % Change | 2018 % of Total |
| White, Non-Hispanic | 37,241 | 33,771 |  (3,470) | -9.3% | 48.3% |
| White, Hispanic | 25,795 | 27,190 | 1,395 | 5.4% | 38.9% |
| Black, Non-Hispanic | 3,155 | 3,203 | 48 | 1.5% | 4.6% |
| American Indian, Hispanic | 846 | 989 | 143 | 16.9% | 1.4% |
| Other, Hispanic | 1,464 | 1,765 | 301 | 20.6% | 2.5% |
| Other | 2,514 | 3,043 | 529 | 21.0% | 4.3% |
| *United States Census Bureau, Annual Population Estimates* |

**Demographics-Age**

It is notable that the population of the region is aging. The youngest age bands have declined in recent years, while those 65 years and older have increased significantly (11.8%) since 2010.

**Table 3: Region I Population, by Age:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Age Cohort | 2010 Population | 2018 Population | Change | % Change | 2018 % of Cohort |
| Under 10 | 11,454 | 10,440 | (1,014) | -8.9% | 14.9% |
| 10-19 | 10,662 | 9,859 | (803) | -7.5% | 14.1% |
| 20-29 | 12,139 | 13,188 | 1,049 | 8.6% | 18.9% |
| 30-39 | 8,776 | 9,415 | 639 | 7.3% | 13.5% |
| 40-49 | 8,322 | 6,908 | (1,414) | -17.0% | 9.9% |
| 50-64 | 11,275 | 10,782 | (493) | -4.4% | 15.4% |
| 65+ | 8,385 | 9,371 | 986 | 11.8% | 13.4% |
| *United States Census Bureau, Annual Population Estimates* |

**Demographics-Educational Attainment**

**Table 4: Region I Population by Educational Attainment:**

|  |  |
| --- | --- |
| Education Level | Population |
| Less than 9th Grade | 8.3% |
| 9th Grade to 12th Grade | 10.9% |
| High School Diploma | 27.6% |
| Some College | 25.6% |
| Associate’s Degree | 7.4% |
| Bachelor’s Degree | 12.7% |
| Graduate Degree or Higher | 7.5% |
| *United States Census Bureau, American Community Survey* |

More than 53% of the population in the region has either a high school diploma and no college experience or some college experience and no degree.

The percentage who hold a bachelor’s degree or higher (20.3%) is significantly lower than the national average of 30.9%.

The Employers

To gain perspective on the businesses who employ workers in Region I, we look at data from the New Mexico Department of Workforce Solutions, in particular the *Quarterly Census of Employment and Wages*. Data from that instrument are organized according to the *North American Industry Classification System (NAICS)*, in which businesses are categorized by their primary lines of business into general industry sectors, then subdivided into more granular industry definitions. For this report, we look first at the general industry sectors, then at the detailed industries they include.

An Employment Location Quotient is an indexed value that illustrates the concentration of an industry in a particular location. An LQ of 1.0 indicates that employment in the target industry is exactly equal to the national average. An LQ of 2.0, then would indicate that employment in the target industry is double the national average.

**Table 5: Components of Top Industry Sectors, Region I:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sector/Top Detailed Industries** | **2019 Jobs** | **Average Wages** | **Location Quotient** |
| **Government** |
|  | Federal Government, Military | 5,107 | $62,487 | 13.60 |
|  | Education (Local Government) | 2,448 | $34,193 | 1.57 |
|  | Education (State Government) | 962 | $32,056 | 1.78 |
|  | Local Government, Excluding Education and Hospitals | 930 | $38,932 | 0.83 |
| **Health Care and Social Assistance** |
|  | Home Health Care Services | 623 | $17,584 | 2.13 |
|  | General Medical and Surgical Hospitals | 542 | $80,953 | .58 |
|  | Services for the Elderly and Persons with Disabilities | 313 | $16,366 | .82 |
|  | Nursing Care Facilities (Skilled Nursing Facilities) | 301 | $32,526 | .96 |
|  | Vocational Rehabilitation Services | 275 | $27,125 | 4.16 |
| **Agriculture, Forestry, Fishing and Hunting** |
|  | Animal Production | 2,188 | $36,795 | 42.24 |
|  | Support Activities for Crop Production | 295 | $39,510 | 3.06 |
|  | Crop Production | 66 | $38,379 | .62 |
|  | Support Activities for Animal Production | 54 | $37,804 | 8.93 |
| **Transportation and Warehousing** |
|  | Rail Transportation | 377 | $98,595 | 8.60 |
|  | Specialized Freight (except Used Goods) Trucking, Long-Distance | 285 | $52,643 | 10.49 |
|  | Specialized Freight (except Used Goods) Trucking, Local | 130 | $43,529 | 2.88 |
|  | General Freight Trucking, Long-Distance | 103 | $48,343 | 0.67 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Sector/Top Detailed Industries** | **2019 Jobs** | **Average Earnings** | **Location Quotient** |
| **Manufacturing** |
|  | Dairy Product (except Frozen) Manufacturing | 622 | $51,068 | 24.73 |
|  | Snack Food Manufacturing | 122 | $23,953 | 10.65 |
|  | Animal Food Manufacturing | 85 | $47,649 | 6.88 |
|  | Breweries | 50 | $16,072 | 3.08 |
|  | Agricultural Implement Manufacturing | 49 | $53,850 | 3.14 |
|  | Coating, Engraving, Heat Treating, and Allied Activities | 39 | $60,281 | 1.42 |
|  | Forging and Stamping | 36 | $20,254 | 1.80 |
| **Construction** |
|  | Commercial and Institutional Building Construction | 165 | $40,809 | 1.23 |
|  | Electrical Contractors and Other Wiring Installation Contractors | 158 | $43,684 | 0.83 |
|  | Plumbing, Heating, and Air-Conditioning Contractors | 128 | $38,100 | 0.57 |
|  | Residential Building Construction | 118 | $24,484 | 0.72 |
|  | Poured Concrete Foundation and Structure Contractors | 107 | $45,600 | 2.37 |
|  | Highway, Street, and Bridge Construction | 75 | $66,564 | 1.10 |
| *Economic Modelling Specialists International* |

**Detailed Industries by County**

It is also instructive to look at detailed industries in each of the counties that make up this CTE Region. In our quest to prioritize industries and occupations, one of the most valuable pieces of intelligence we can utilize is industry employment data.

**Table 6: Employment by Industry, Curry County, 2019:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Curry | 2019 Jobs | Average Wages/ Earnings | Location Quotient | Age 45+ |
| Federal Government, Military | 5,057 | $62,889 | 17.47 | 3.3% |
| Education (Local Government) | 1,840 | $32,425 | 1.53 | 46.7% |
| Animal Production | 1,321 | $36,474 | 33.07 | 44.1% |
| Federal Government, Civilian, Excluding Postal Service | 820 | $47,015 | 2.37 | 44.1% |
| Home Health Care Services | 623 | $17,584 | 2.76 | 50.6% |
| Local Government, Excluding Education and Hospitals | 598 | $39,503 | 0.69 | 46.0% |
| General Medical and Surgical Hospitals | 541 | $80,985 | 0.76 | 45.7% |
| Dairy Product (except Frozen) Manufacturing | 424 | $47,507 | 21.86 | 24.1% |
| Rail Transportation | 321 | $98,595 | 9.48 | 40.5% |
| Vocational Rehabilitation Services | 275 | $27,125 | 5.39 | 44.7% |
| *Economic Modelling Specialists International* |

**Table 7: Employment by Industry, Roosevelt County, 2019:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Roosevelt | 2019 Jobs | Average Wages/ Earnings | Location Quotient | Age 45+ |
| Education (State Government) | 873 | $32,062 | 7.60 | 49.0% |
| Animal Production | 849 | $36,433 | 77.06 | 38.0% |
| Education (Local Government) | 566 | $40,162 | 1.71 | 47.9% |
| Local Government, Excluding Education and Hospitals | 238 | $39,922 | 0.99 | 46.2% |
| Hospitals (Local Government) | 214 | $72,885 | 7.58 | 56.1% |
| Specialized Freight (except Used Goods) Trucking, Long-Distance | 204 | $55,665 | 35.27 | 55.4% |
| Dairy Product (except Frozen) Manufacturing | 198 | $58,693 | 37.00 | N/A |
| Services for the Elderly and Persons with Disabilities | 126 | $16,379 | 1.56 | 53.2% |
| Snack Food Manufacturing | 122 | $23,953 | 50.07 | 43.4% |
| Support Activities for Crop Production | 122 | $37,637 | 5.96 | N/A |
| *Economic Modelling Specialists International* |

**Table 8: Employment by Industry, De Baca County, 2019:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| De Baca | 2019 Jobs | Average Wages/ Earnings | Location Quotient | Age 45+ |
| Local Government, Excluding Education and Hospitals | 94 | $32,797 | 5.15 | N/A |
| Education (Local Government) | 43 | $31,288 | 1.69 | N/A |
| Other Outpatient Care Centers | 41 | $43,000 | 19.12 | N/A |
| Education (State Government) | 24 | $31,187 | 2.73 | N/A |
| Animal Production | 18 | $77,228 | 21.56 | N/A |
| Water and Sewer Line and Related Structures Construction | 12 | $25,411 | 20.17 | N/A |
| Support Activities for Crop Production | 12 | $34,997 | 7.81 | N/A |
| Crop Production | 12 | $38,688 | 6.67 | N/A |
| *Economic Modelling Specialists International* |

The Jobs

Another instrument of the New Mexico Department of Workforce Solutions that provides valuable perspective on career opportunities in this region is the *Occupational Employment Statistics* Series. Employment and wages are estimated for more than 750 occupation categories, and to evaluate growth in demand for particular occupations, we return the occupations with the largest growth since 2010.

**Table 9: Occupation Employment, Region I, 2010-2019:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Description | 2010 Jobs | 2019 Jobs | 2010 - 2019 Change | 2010 - 2019 % Change | Annual Openings | Median Annual Earnings |
| Personal Care Aides | 483 | 770 | 287 | 59% | 121 | $18,954 |
| Food Prep/Serving Workers, Including Fast Food | 551 | 801 | 250 | 45% | 158 | $17,341 |
| Logisticians | 52 | 196 | 144 | 277% | 27 | $75,102 |
| Heavy and Tractor-Trailer Truck Drivers | 491 | 611 | 120 | 24% | 87 | $37,814 |
| Farmworkers, Ranch, and Aquacultural Animals | 250 | 370 | 120 | 48% | 67 | $22,884 |
| Food Batchmakers | 70 | 145 | 75 | 107% | 26 | $32,202 |
| Aircraft Mechanics and Service Technicians | 109 | 176 | 67 | 61% | 24 | $58,842 |
| Cooks, Restaurant | 239 | 304 | 65 | 27% | 47 | $20,922 |
| Farmworkers, Crop, Nursery, and Greenhouse | 821 | 883 | 62 | 8% | 176 | $19,229 |
| Substitute Teachers | 263 | 323 | 60 | 23% | 48 | $26,213 |
| General and Operations Managers | 308 | 366 | 58 | 19% | 40 | $79,848 |
| Customer Service Representatives | 243 | 294 | 51 | 21% | 47 | $27,933 |
| Managers, All Other | 139 | 188 | 49 | 35% | 21 | $90,843 |
| Laborers/Freight, Stock, and Material Movers | 284 | 331 | 47 | 17% | 51 | $27,930 |
| Airline Pilots, Copilots, and Flight Engineers | 65 | 106 | 41 | 63% | 15 | $132,438 |
| Sales Representatives, Services, All Other | 60 | 96 | 36 | 60% | 17 | $39,371 |
| Emergency Medical Technicians, Paramedics | 39 | 74 | 35 | 90% | 9 | $32,265 |
| Supervisors-Food Preparation and Serving | 154 | 187 | 33 | 21% | 32 | $23,377 |
| Maintenance and Repair Workers, General | 341 | 374 | 33 | 10% | 42 | $30,108 |
| Inspectors, Sorters, Samplers, Weighers | 49 | 82 | 33 | 67% | 12 | $62,236 |
| Packaging/Filling Machine Operators & Tenders | 84 | 115 | 31 | 37% | 16 | $23,446 |
| Human Resources Specialists | 107 | 133 | 26 | 24% | 17 | $46,230 |
| Medical Assistants | 92 | 117 | 25 | 27% | 16 | $28,315 |
| Industrial Machinery Mechanics | 68 | 92 | 24 | 35% | 11 | $57,584 |

Many factors go into an evaluation of a career’s potential, including demand and earning potential. The New Mexico Department of Workforce Solutions also projects changes in total employment for every occupation by 2026. The occupations that are projected to experience the largest growth and that pay wages above the region’s average are categorized here as high-quality careers, and detailed occupations are grouped into general “occupation families.”

**Table 10: Projected Change, Occupations, 2016-2026, Region I:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| High Quality Career | 2016 Jobs | 2026 Jobs | New Jobs | % Change | Annual Openings | Average Earnings |
| **Health Care Practitioners and Technical Occupations** |
| Registered Nurses | 427 | 500 | 73 | 17% | 33 | $67,750 |
| Nurse Practitioners | 18 | 28 | 10 | 56% | 2 | $114,645 |
| Radiologic Technologists | 40 | 48 | 8 | 20% | 3 | $53,212 |
| Licensed Practical and Licensed Vocational Nurses | 80 | 86 | 6 | 8% | 7 | $49,548 |
| Physical Therapists | 27 | 34 | 7 | 26% | 2 | $97,092 |
| Surgical Technologists | 19 | 26 | 7 | 37% | 3 | $42,710 |
| Clinical Laboratory Technologists and Technicians | 49 | 56 | 7 | 14% | 5 | $44,181 |
| **Business and Financial Operations** |
| Logisticians | 46 | 218 | 172 | 374% | 34 | $75,102 |
| Human Resources Specialists | 121 | 147 | 26 | 21% | 16 | $46,230 |
| Management Analysts | 28 | 36 | 8 | 29% | 4 | $62,348 |
| Financial Analysts | 28 | 31 | 3 | 11% | 3 | $133,119 |
| Accountants and Auditors | 84 | 86 | 2 | 2% | 9 | $53,231 |
| Credit Analysts | 11 | 12 | 1 | 9% | 1 | $51,588 |
| **Transportation and Material Moving** |
| Airline Pilots, Copilots, and Flight Engineers | 99 | 120 | 21 | 21% | 14 | $132,438 |
| Air Traffic Controllers | 29 | 33 | 4 | 14% | 3 | $84,389 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| High Quality Career | 2016 Jobs | 2026 Jobs | New Jobs | % Change | Annual Openings | Average Earnings |
| **Management** |
| Medical and Health Services Managers | 48 | 63 | 15 | 31% | 6 | $91,598 |
| Financial Managers | 40 | 48 | 8 | 20% | 4 | $83,805 |
| Human Resources Managers | 71 | 78 | 7 | 10% | 7 | $98,742 |
| Education Administrators | 54 | 60 | 6 | 11% | 6 | $82,956 |
| Industrial Production Managers | 13 | 18 | 5 | 38% | 2 | $95,227 |
| Social and Community Service Managers | 16 | 21 | 5 | 31% | 2 | $58,453 |
| Computer and Information Systems Managers | 21 | 23 | 2 | 10% | 2 | $89,156 |
| **Installation, Maintenance and Repair** |
| Aircraft Mechanics and Service Technicians | 187 | 192 | 5 | 3% | 18 | $58,842 |
| Industrial Machinery Mechanics | 90 | 103 | 13 | 14% | 10 | $57,584 |
| Supervisors-Mechanics, Installers, and Repairers | 135 | 137 | 2 | 1% | 13 | $61,938 |
| Electronics Repairers, Commercial and Industrial | 39 | 49 | 10 | 26% | 5 | $51,256 |
| Mobile Heavy Equipment Mechanics | 39 | 45 | 6 | 15% | 5 | $54,735 |
| **Education, Training and Library Occupations** |
| Secondary School Teachers | 177 | 192 | 15 | 8% | 16 | $54,643 |
| Elementary School Teachers | 293 | 308 | 15 | 5% | 26 | $49,524 |
| Middle School Teachers | 182 | 184 | 2 | 1% | 15 | $54,888 |
| **Architecture and Engineering** |
| Computer Hardware Engineers | 18 | 21 | 3 | 17% | 2 | $77,236 |
| Civil Engineers | 27 | 30 | 3 | 11% | 3 | $83,616 |
| Engineering Technicians | 11 | 13 | 2 | 18% | 2 | $63,532 |
| **Computer Occupations** |
| Computer User Support Specialists | 78 | 88 | 10 | 13% | 8 | $41,820 |
| Computer Systems Analysts | 19 | 23 | 4 | 21% | 2 | $84,609 |
| Software Developers, Applications | 11 | 13 | 2 | 18% | 1 | $81,327 |

The Talent Development Ecosystem

**Assets**

CTE Region I is served by Regional Education Center #6. Postsecondary educational institutions in the Region Include Eastern New Mexico University and Clovis Community College.

**Awards**

In 2018, the most recent academic year for which data are available, 2,349 degrees and certificates were awarded by these institutions, including 2,010 which were awarded in programs not offered as distance education.

Workforce Equilibrium

Finally, we use a crosswalk from the United States Department of Education to estimate the balance between the region’s emerging supply of qualified talent and projected demand for workers with relevant skills. The difference between awards in a program and the aggregated number of openings in related occupations is quantified here as a “Workforce Equilibrium Value.”

Ideally, the numbers representing emerging supply will be roughly equal to projected demand. Where an imbalance exists, there may be an opportunity to expand program offerings or to encourage students and jobseekers to consider careers in these fields. The educational system thus becomes a valuable factor in not only the success of individual students, but also in the economic success of the region.

**Table 11: Program Awards and Openings in Related Occupations, Region I:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | 2018 Awards | Openings-Related Occupations | 2019 Jobs | Equilibrium Value |
| Registered Nursing/Registered Nurse | 132 | 33 | 453 | 99 |
| Business Administration and Management, General | 116 | 84 | 857 | 32 |
| Audiology/Audiologist and Speech-Language Pathology | 110 | 2 | 21 | 108 |
| Education, General | 92 | 106 | 1,172 |  (14) |
| Emergency Care Attendant (EMT Ambulance) | 84 | 9 | 74 | 75 |
| Licensed Practical/Vocational Nurse Training | 67 | 7 | 77 | 60 |
| Cosmetology/Cosmetologist, General | 57 | 6 | 44 | 51 |
| Teacher Assistant/Aide | 50 | 39 | 321 | 11 |
| Computer and Information Sciences, General | 48 | 15 | 160 | 33 |
| Physical Education Teaching and Coaching | 45 | 36 | 391 | 9 |
| Criminal Justice/Safety Studies | 45 | 3 | 38 | 42 |
| Clinical/Medical Social Work | 41 | 20 | 140 | 21 |
| Speech Communication and Rhetoric | 39 | 2 | 17 | 37 |
| Nursing Assistant/Aide and Patient Care Assistant/Aide | 39 | 28 | 239 | 11 |
| Biology/Biological Sciences, General | 34 | 3 | 28 | 31 |
| Psychology, General | 34 | 3 | 32 | 31 |
| Welding Technology/Welder | 32 | 9 | 67 | 23 |
| Aviation/Airway Management and Operations | 31 | 3 | 31 | 28 |
| Nail Technician/Specialist and Manicurist | 23 | 0 | 0 | 23 |
| Anthropology | 18 | 1 | 6 | 17 |
| Special Education and Teaching, General | 17 | 61 | 488 |  (44) |
| Automation Engineer Technology/Technician | 16 | 0 | 0 | 16 |
| Elementary Education and Teaching | 16 | 26 | 293 |  (10) |
| Music, General | 14 | 5 | 37 | 9 |
| Registered Nursing/Registered Nurse | 132 | 33 | 453 | 99 |
| Business Administration and Management, General | 116 | 84 | 857 | 32 |

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1. *https://webnew.ped.state.nm.us/bureaus/college-career-readiness/career-technical-education/* [↑](#footnote-ref-1)