

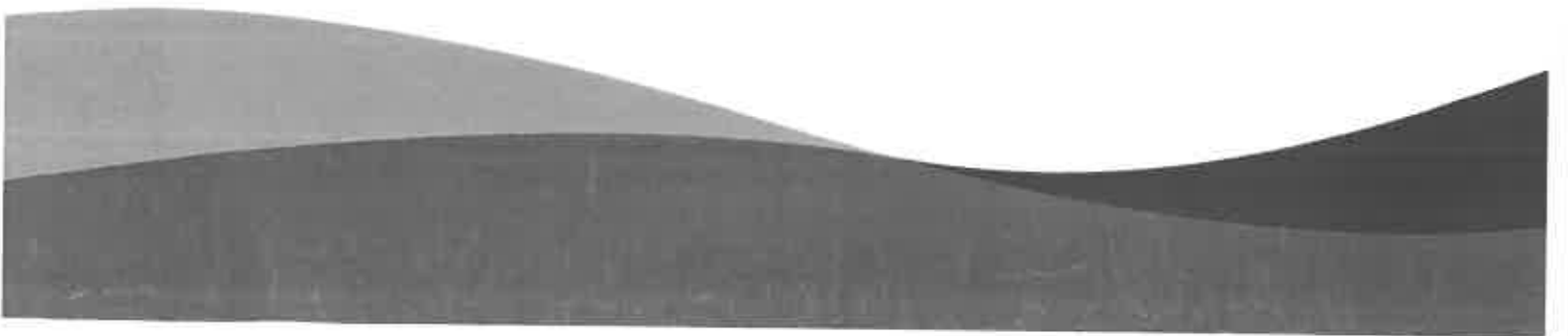


JOBS **eq**

Occupation Report

Respiratory Therapists

MCC Service Region



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Definition of Respiratory Therapists, SOC 29-1126

Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.

Occupation Snapshot

As of 2019Q4, total employment for Respiratory Therapists in the MCC Service Region was 702. Over the past three years, this occupation added 81 jobs in the region and is expected to increase by 73 jobs over the next seven years, or at an annual average rate of 1.4%.

Respiratory Therapists in MCC Service Region, 2019Q4¹

Empl	Avg Ann Wages ²	Current		Unempl Rate	Online Job Ads ³	3-Year History		Total Demand	7-Year Forecast		Empl Growth	Ann % Growth
		LQ	Unempl			Empl Change	Ann %		Exits	Transfers		
702	\$56,500	1.25	5	0.8%	125	81	4.2%	319	125	120	73	1.4%

Source: JobsEQ®

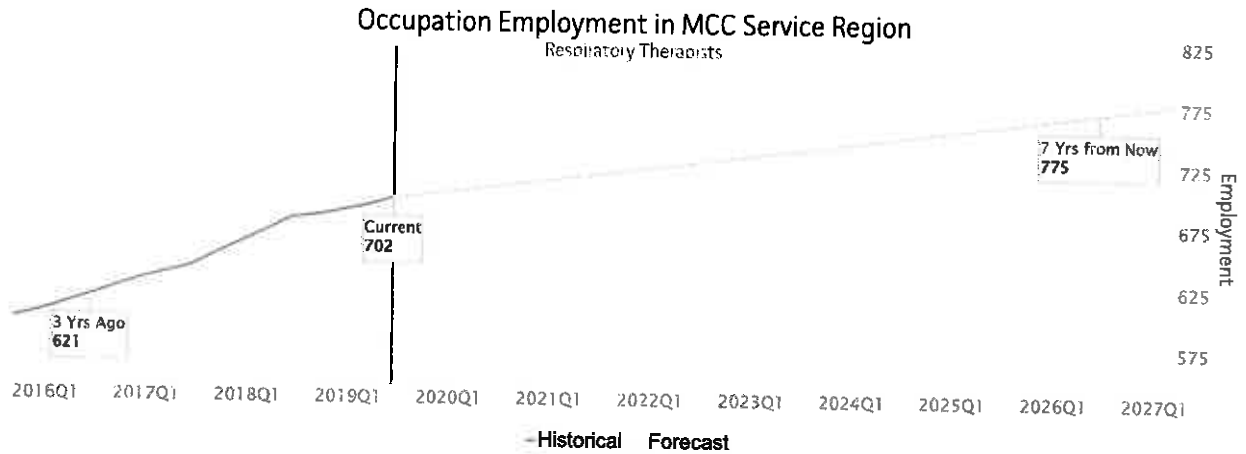
Data as of 2019Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Data based on a four-quarter moving average unless noted otherwise.

2. Wage data are as of 2018 and represent the average for all Covered Employment

3. Data represent found online ads active within the last thirty days in the selected region; data represents a sampling rather than the complete universe of postings. Ads lacking zip code information but designating a place (city, town, etc.) may be assigned to the zip code with greatest employment in that place for queries in this analytic. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list).

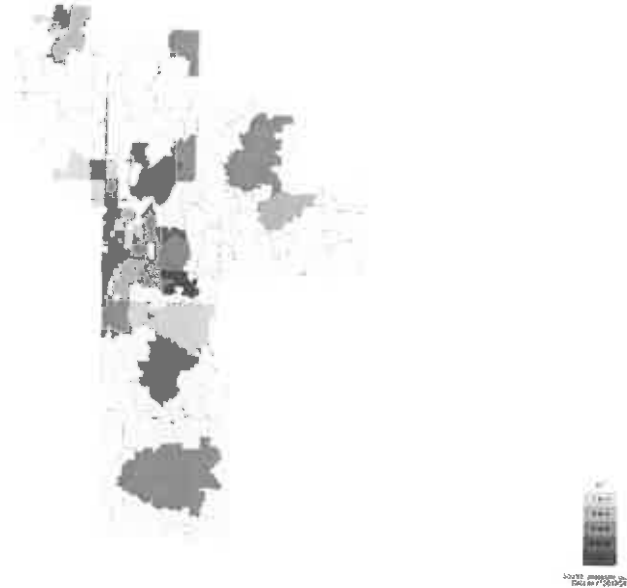


Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2019Q2, imputed where necessary with preliminary estimates updated to 2019Q4. Wages by occupation are as of 2018 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns. Occupation unemployment figures are imputed by Chmura.

Geographic Distribution

The below maps illustrate the ZCTA-level distribution of employed Respiratory Therapists in the MCC Service Region. Employment is shown by place of work and by residence.

Occupation Concentration by Place of Work for Respiratory Therapists



Top ZCTAs by Place of Work for Respiratory Therapists, 2019Q4

Region	Employment
ZCTA 64108	136
ZCTA 64116	56
ZCTA 64111	48
ZCTA 64132	45
ZCTA 64506 (Buchanan County, MO portion)	44
ZCTA 64086	40
ZCTA 64057	37
ZCTA 64139	30
ZCTA 64068	28
ZCTA 64114	23

Source: JobsEQ®

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2019Q2, imputed where necessary with preliminary estimates updated to 2019Q4. Occupation by residence data are derived from the same in addition to commuting pattern data.

Occupation Concentration by Place of Residence for Respiratory Therapists



Top ZCTAs by Place of Residence for Respiratory Therapists, 2019Q4

Region	Employment
ZCTA 64081	45
ZCTA 64014	41
ZCTA 64118 (Clay County, MO portion)	23
ZCTA 64119	23
ZCTA 64137	22
ZCTA 64154	21
ZCTA 64151	19
ZCTA 64082 (Jackson County, MO portion)	18
ZCTA 64089 (Clay County, MO portion)	17
ZCTA 64055	14

Source: JobsEQ®

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2019Q2, imputed where necessary with preliminary estimates updated to 2019Q4. Occupation by residence data are derived from the same in addition to commuting pattern data.



Employment by Industry

The following table illustrates the industries in the MCC Service Region which most employ Respiratory Therapists. The single industry most employing this occupation in the region is General Medical and Surgical Hospitals, NAICS 6221. This industry employs 583 Respiratory Therapists—employment which is expected to increase by 78 jobs over the next ten years; furthermore, 289 additional new workers in this occupation will be needed for this industry due to separation demand, that is, to replace workers in this occupation and industry that retire or move into a different occupation.

Top Industry Distribution for Respiratory Therapists (29-1126) in MCC Service Region

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
6221	General Medical and Surgical Hospitals	83.0%	583	148	142	78	367
6223	Specialty (except Psychiatric and Substance Abuse) Hospitals	4.2%	30	9	8	16	33
6231	Nursing Care Facilities (Skilled Nursing Facilities)	3.7%	26	6	6	2	14
6211	Offices of Physicians	1.8%	13	3	3	3	10
4461	Health and Personal Care Stores	1.1%	8	2	2	0	4
6216	Home Health Care Services	1.0%	7	2	2	3	7
5324	Commercial and Industrial Machinery and Equipment Rental and Leasing	0.8%	6	1	1	1	3
6213	Offices of Other Health Practitioners	0.7%	5	1	1	1	4
5322	Consumer Goods Rental	0.6%	4	1	1	0	2
6214	Outpatient Care Centers	0.6%	4	1	1	2	4
	All Others	2.5%	17	4	4	1	9

Source: JobsEQ*

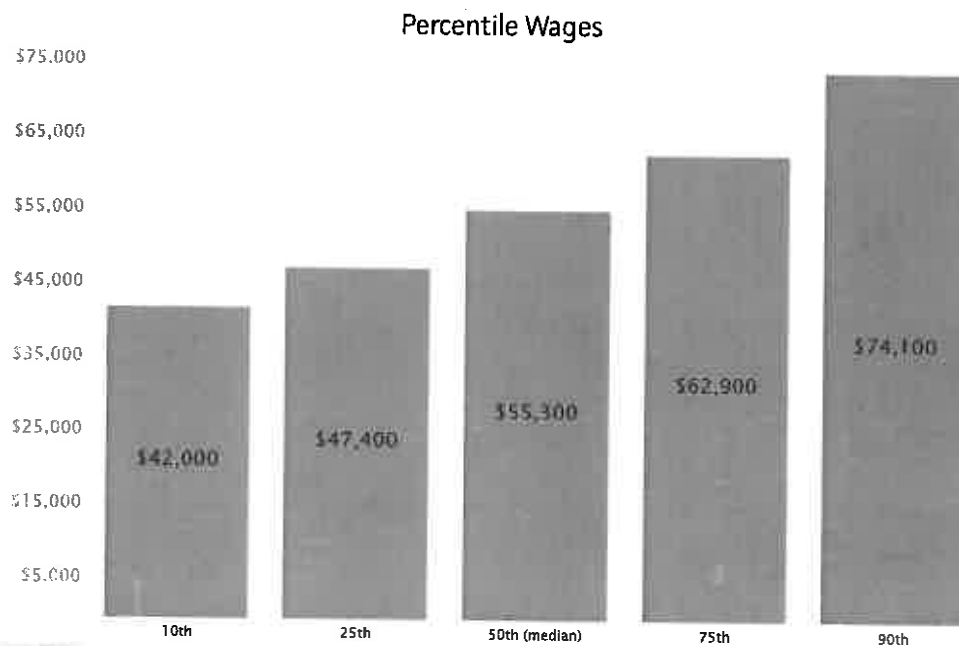
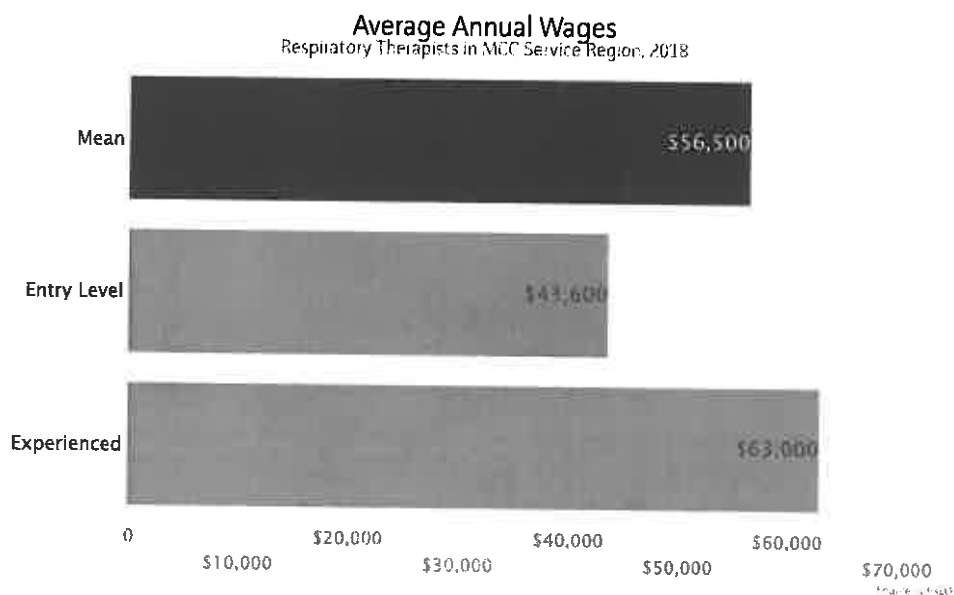
Data as of 2019Q4 except wages which are as of 2018. Note that occupation-by-industry wages represent adjusted national data and may not be consistent with regional, all-industry occupation wages shown elsewhere in JobsEQ.

Note: Figures may not sum due to rounding.

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2019Q2, imputed where necessary with preliminary estimates updated to 2019Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Wages

The average (mean) annual wage for Respiratory Therapists was \$56,500 in the MCC Service Region as of 2018. For the same year, average entry level wages were approximately \$43,600 compared to an average of \$63,000 for experienced workers.



Occupation wages (mean, median, and percentiles) are as of 2018 provided by the BLS, modified and imputed by Chmura where necessary. Entry-level and experienced wages are derived from these source data, computed by Chmura.



Education Profile

Typical education and training requirements for Respiratory Therapists are described below.

Education and Training Requirements

Typical Entry-Level Education:

Associate's degree

Previous Work Experience:

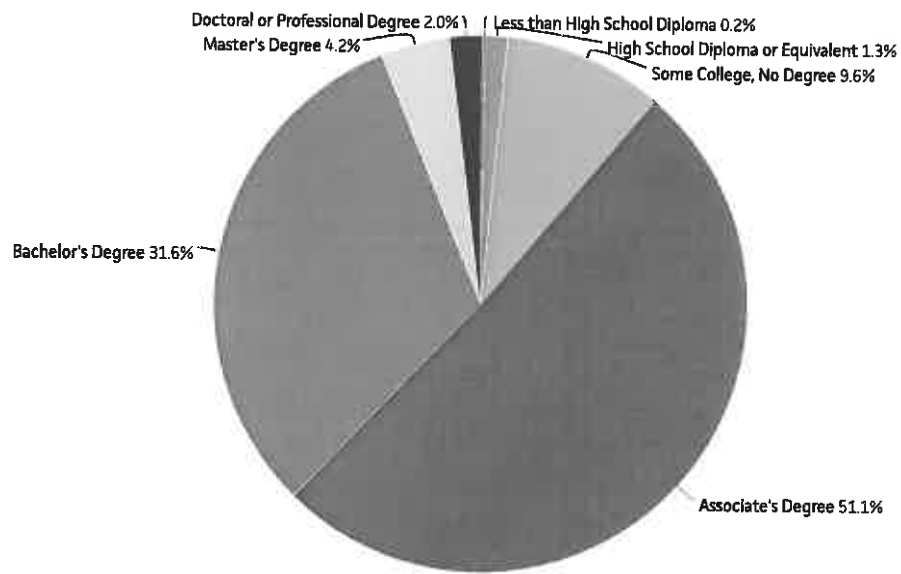
None

Typical On-the-Job Training:

None

Source: JobsEQ®

Educational Attainment Profile



Education and training requirements are from the Bureau of Labor Statistics (BLS); educational attainment mix are regional data modeled by Chmura using Census educational attainment data projected to 2019Q4 along with source data from the BLS.

Awards

The table below is a list of postsecondary program awards that were granted by postsecondary institutions located in the MCC Service Region in the 2018 academic year. These programs have been identified as providing training for Respiratory Therapists (for further details, see the source note).

Title/School	Annual Awards - MCC Service Region		
	Certificates and 2yr Degrees	4yr Degrees	Postgraduate Degrees
51.0908 Respiratory Care Therapy/Therapist			
Concorde Career College-Kansas City	9	0	0
Total			
Total	9	0	0

Source: JobsEQ®

Data as of the 2018 academic year

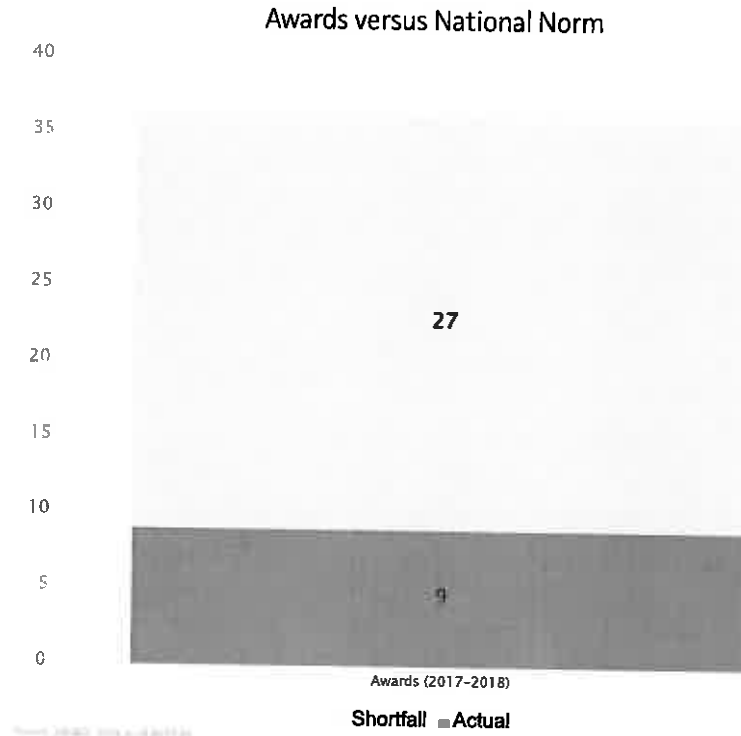
Awards data are per the National Center for Education Statistics (NCES) and JobsEQ for the 2018 academic year. Any programs shown here have been identified as being linked with the occupation being analyzed. Other existing programs may also provide training in the region for this occupation but have not been so identified by the program-occupation crosswalk (see the FAQ section at the end of this report for more details). Furthermore, any programs shown here reflect only data reported to the NCES; reporting is required of all schools participating in any federal finance assistance program authorized by Title IV of the Higher Education Act of 1965, as amended—other training providers in the region that do not report data to the NCES are not reflected in the above.



Training Concentration

In the 2017-2018 academic year, it is estimated that postsecondary schools in the MCC Service Region granted awards for a potential 9 new Respiratory Therapists.¹ Given the size of this occupation in the region, this award output is below the national norm of 36 awards per year—put another way; it is at 25% of the national average.

Training concentrations above the national average can indicate that the region is an exporter of graduates for this occupation; in other words, some students may come from outside the region for this education and subsequently leave after the award to work outside the region. Training concentrations below the national average can indicate that the region is an importer of graduates for this occupation; in other words, some employers within the region who hire this occupation may need to hire workers who received this training outside of the region.



Awards data by occupation are estimates produced by JobsEQ and for the academic year 2017-2018.

¹ This figure may not match the total awards shown in the prior section since some of those awards may flow into more than one occupation.

RTI (Job Postings)

Occupations

SOC	Occupation
29-1126.00	Respiratory Therapists

**Total
Ads**

264

Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

Note: Data are subject to revision. Time series data can be volatile with trends unrelated to actual changes in demand; use with caution.

Locations

Location
Kansas City, Missouri
Independence, Missouri
Lees Summit, Missouri
Belton, Missouri
64506
Kansas City, MO 64106
MO-Kansas City-Kindred Hospital Northland
North Kansas City, Missouri
KANSAS CITY, Missouri 64101
Kansas City, MO 64132

**Total
Ads**

75

34

14

12

8

8

8

8

6

6

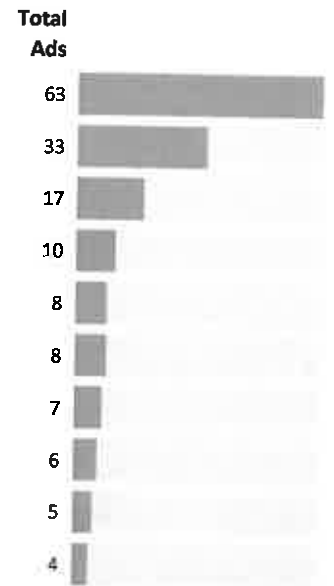
Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

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Employers

Employer Name
HCA
SunBelt Staffing
Kindred
Maxim Healthcare
CoreMedical Group
Mosaic Life Care
Favorite Healthcare Staffing
Supplemental Health Care
Soliant Health
All Medical Staffing



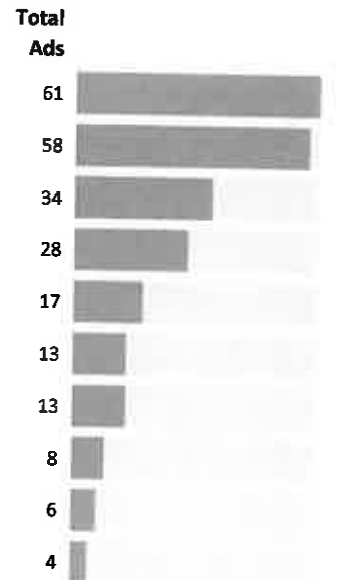
Source: [JobsEQ®](#)

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Certifications

Certificate Name
Basic Life Support (BLS)
Registered Respiratory Therapist (RRT)
Advanced Cardiac Life Support Certification (ACLS)
Certified Respiratory Therapist (CRT)
Licensed Respiratory Care Practitioner (RCP)
Neonatal Resuscitation Program (NRP)
Pediatric Advanced Life Support (PALS)
Certification in Cardiopulmonary Resuscitation (CPR)
Registered Nurse (RN)
Licensed Practical Nurse (LPN)



Source: [JobsEQ®](#)

Data reflect online Job postings for the 180 day period ending 4/23/2020

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Hard Skills

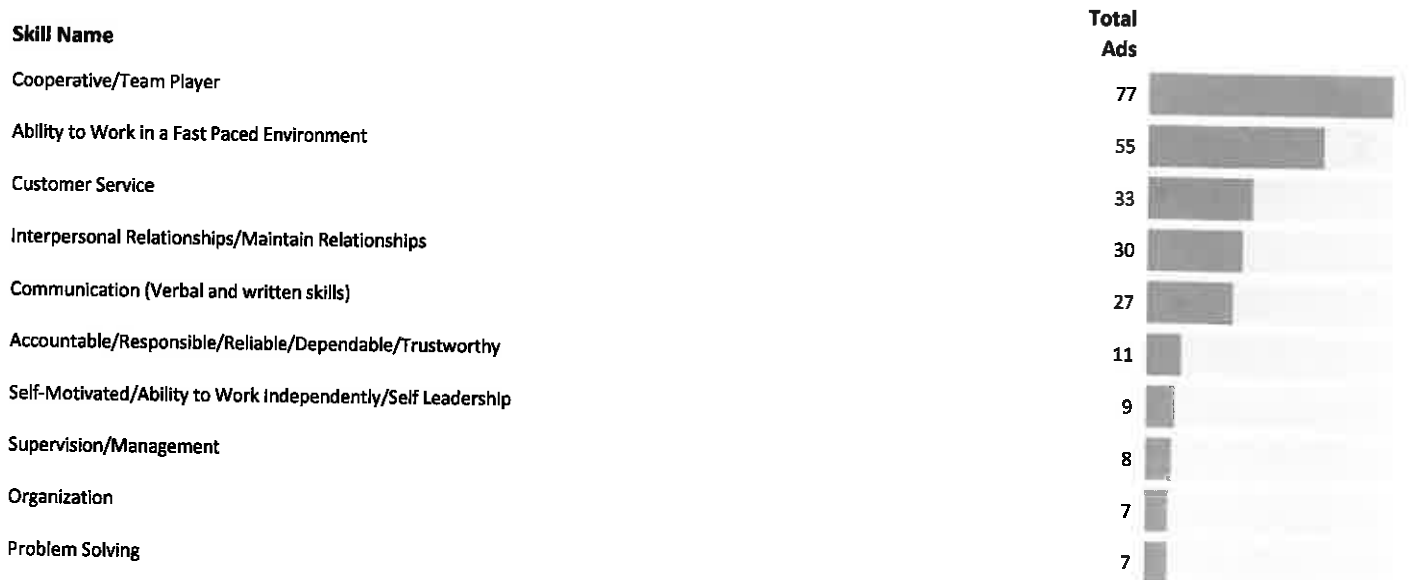


Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

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Soft Skills



Source: [JobsEQ®](#)

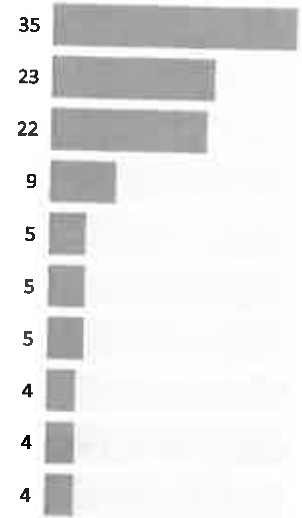
Data reflect online job postings for the 180 day period ending 4/23/2020

Note: Data are subject to revision. Time series data can be volatile with trends unrelated to actual changes in demand; use with caution.

Job Titles

Total
Ads

Job Title	Total Ads
Registered Respiratory Therapist	35
Respiratory Therapist	23
RRT	22
Respiratory Therapist - Other	9
Registered Respiratory Therapist RRT RESP (Contract)	5
Respiratory Therapist (RRT)	5
Travel Respiratory Therapist	5
Certified Respiratory Therapist	4
Registered Respiratory Therapist RRT	4
Respiratory Therapist - Full-Time - Day Shift - Hospital Northland	4



Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

Note: Data are subject to revision. Time series data can be volatile with trends unrelated to actual changes in demand; use with caution.

Education Levels

Total
Ads

Minimum Education Level	Total Ads
Associate's degree	32
Bachelor's degree	7
Unspecified/other	225



Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

Note: Data are subject to revision. Time series data can be volatile with trends unrelated to actual changes in demand; use with caution.

Programs

Program Name

Respiratory Therapy

Science

Education

Healthcare Administration

Total
Ads



Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

Note: Data are subject to revision. Time series data can be volatile with trends unrelated to actual changes in demand; use with caution.

Job Types

Type

Full-Time

Part-Time

Temporary (unspecified)

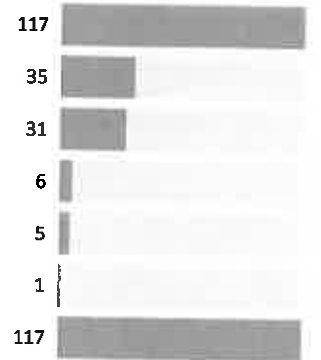
Temporary (short-term)

Permanent

Temp-to-Hire

Unspecified/other

Total
Ads



Source: [JobsEQ®](#)

Data reflect online job postings for the 180 day period ending 4/23/2020

Note: Data are subject to revision. Time series data can be volatile with trends unrelated to actual changes in demand; use with caution.

MCC Service Region Regional Map



Region Definition

MCC Service Region is defined as the following counties:

Bates County, Missouri

Buchanan County, Missouri

Cass County, Missouri

Clay County, Missouri

Clinton County, Missouri

Jackson County, Missouri

Lafayette County, Missouri

Platte County, Missouri

Ray County, Missouri

FAQ

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 840 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 97 minor groups, and 461 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an occupation (or industry) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is training concentration?

The training concentration analysis compares local postsecondary training output compared to the national norm. Let's consider registered nurses as an example. If in the nation, one RN award is granted for every ten RNs employed, that 1:10 ratio is the national norm. If in your region your schools also grant one RN award for every ten RNs employed, then your region will be right at the national norm, or we say at 100% of the national norm which is termed a 100% training concentration. If your region grants two RN awards for every ten employed, your region would be at twice the national norm or have a 200% training concentration. Similarly, if your region grants one RN award for every twenty employed, your region would be at half the national norm or have a 50% training concentration.

What is the program-to-occupation crosswalk?

Training programs are classified according to the Classification of Instructional Programs (CIP codes). For relating training programs, this report uses a modified version of the CIP to SOC crosswalk from the National Center for Education Statistics (NCES). While this is a very helpful crosswalk for estimating occupation production from training program awards data, the crosswalk is neither perfect nor comprehensive. Indeed, it is hard to imagine such a crosswalk being perfect since many training program graduates for one reason or another do not end up employed in occupations that are most related to the training program from which they graduated. Therefore, the education program analyses should be considered in this light.

As an example of the many scenarios that may unfold, consider a journalism degree that crosswalks into three occupations: editors, writers, and postsecondary communications teachers. Graduates with a journalism degree may get a job in one of these occupations—and that may be the most-likely scenario—but a good number of these graduates may get a job in a different occupation altogether (the job may be somewhat related, such as a reporter, or the job may be totally unrelated, such as a real estate agent). Furthermore, a graduate may stay in school or go back to school for a degree that will lead to other occupation possibilities. Still another possibility includes the graduate not entering the labor market (maybe being unemployed, being a non-participant, or moving to another region).

What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand

does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

About This Report

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