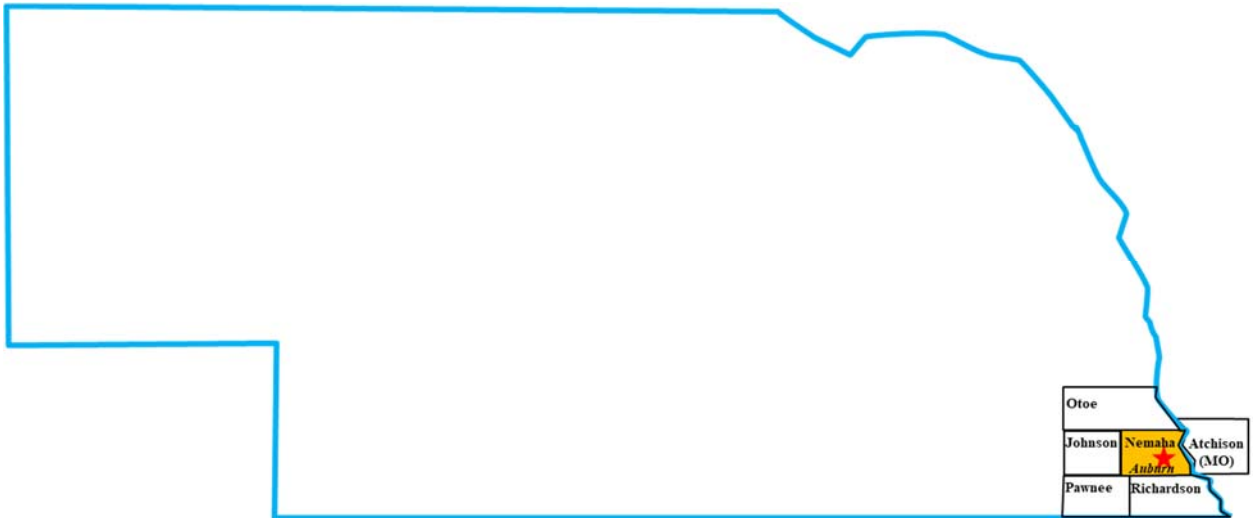


Labor Supply Factors and Labor Availability Auburn (Nemaha County) Labor Area



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Executive Summary

The information provided in this report indicates that a prospective new employer providing job opportunities with competitive wages and benefits and offering career opportunities would be a welcome addition to the employment base in Auburn Labor Area. The response to such employment opportunities would be substantial, and as this report shows, there is a sizeable labor force and population base living within the Auburn Labor Area. Some of the pertinent findings of the report include:

- Population in the Auburn Labor Area (Nemaha County plus the five contiguous counties) totaled 44,046 people in 2017, with the Nemaha County population totaling 6,949. Population in Nemaha County declined by 4.1 percent during the period 2010–2017, compared to a population decrease of 2.2 percent for the six county Auburn Labor Area as a whole.
- The Auburn Labor Area labor force totaled 22,266 in 2017, with 3.4 local residents employed in jobs either within or outside the area. A total of 15,664 persons were employed in nonfarm wage and salary jobs¹ located within the area.
- In 2015, 771 primary jobs (46.9 percent) held by Auburn City residents and 1,529 primary jobs (51.4 percent) held by Nemaha County residents were located outside Nemaha County. This confirms many Nemaha County residents are commuting to jobs in other counties.
- Average annual wages for all nonfarm wage and salary employees in the Auburn Labor Area were \$6,526 less than the Nebraska average. Within the labor area, Nemaha County, Nebraska had the highest average wage, \$50,530 or \$5,679 higher than the Nebraska average.

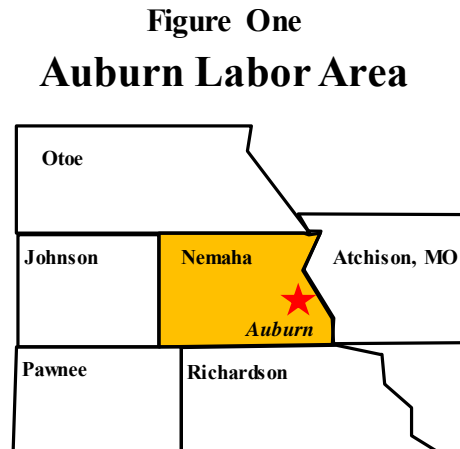
The basic conclusion of this report, which follows from the data and analysis presented, is that the Auburn Labor Area and Nemaha County would be able to provide a significant number of dedicated and skilled workers to meet the needs of additional employers in the area. While this report has not estimated a precise number of people that may be available for a prospective new employer in the Auburn area, it is anticipated that if attractive working conditions with competitive wages and employee benefits were offered, a prospective new employer would be able to select their workforce from a substantial pool of applicants.

¹ Nonfarm wage and salary employment data are derived from businesses subject to State unemployment insurance laws and from Federal agencies subject to the Unemployment Compensation for Federal Employees Program. Nonfarm wage and salary employment data includes 99.7 percent of wage and salary civilian employment. Self-employed workers, unpaid family workers, workers in certain not-for-profit organizations, and several other small (primarily seasonal) worker categories are not included.

Labor Supply Factors and Labor Availability Auburn (Nemaha County) Labor Area

This report presents selected labor-related and demographic data that provide insights into the labor supply situation in Auburn (Nemaha County) and the surrounding area.

In reviewing the data presented in this report, it will be evident that the Auburn Labor Area has a sizeable pool of labor to provide for the labor requirements of additional employers in the area, both in the near term and over the long run. Data presented in this report includes tables on labor force, employment, and population for Nemaha County and for the surrounding counties that make up the potential laborshed area for Auburn. Figure One includes a map outlining the geographic area which has been defined as the Auburn Labor Area.



An important resource for new or expanding businesses is a readily available supply of workers. Whether an employer requires 5 or 500 workers, they need to have confidence there will be a sufficient number of workers available to meet their labor requirements. This report is provided as a key analytical tool to identify and quantify the number and selected characteristics of workers available in the Auburn Labor Area.

Available labor supply is defined as the number of persons who would potentially apply for employment when a job becomes available. Potential workers are categorized into two groups; those currently employed who would consider other employment opportunities and those who do not currently have a job.

One factor contributing to the available supply of workers is the willingness of workers already employed to change jobs. Factors influencing this decision are related to wages, fringe benefits, hours, and working conditions. Generally, workers are more inclined to change jobs when the wages and benefits for the potential new job are better and/or when they are optimistic about the economy.

Factors contributing to the available supply of people without jobs include the unemployment rate, labor force participation, and migration. To be classified as unemployed, an individual must have been actively looking for work in the last four weeks, unless they were expecting recall from a layoff or waiting to start a job within 30 days.

There are also potential workers that are classified as not presently in the labor force. These individuals may not be participating in the labor force as employed or unemployed workers for various reasons. They may be unable to work because of school or family responsibilities or they may have an illness that has prevented them from becoming part

of the labor force. There may also be workers who have not been able to find employment in the past and have become discouraged or who are no longer actively seeking employment because they perceive there are no attractive job opportunities available in the area. Retired persons are also classified as not in the labor force, although this population group often can provide substantial labor resources for selected business operations. Within the group of persons not currently in the labor force, and therefore not actively seeking employment, are many individuals who would accept a job with attractive working conditions, competitive wages, and employee benefits if one became available.

Population migration is another factor that affects the available labor supply of potential workers who are not presently employed (and may not be seeking work within the local labor market). Persons without jobs and who perceive that there are no job opportunities available locally are the most likely to leave (migrate out) the area for employment opportunities elsewhere.

Labor Force and Employment

Table One provides data showing labor force and employment trends for the Auburn Labor Area and for Nemaha County for selected years from 2012 to 2017. Data in Table One (Part A and Part B, next page) provide two alternate measures of employment for two distinct areas. Data presented in Table One, Part A include labor force, unemployment, employment, unemployment rate, and nonfarm wage and salary employment data for the entire Auburn Labor Area (see Figure One). As these data indicate, the total labor force and total employment for the laborshed area both decreased. The area labor force declined by 5.3 percent between 2012 and 2017 and total employment declined by 4.0 percent during the same period.

Table One
Labor Force and Employment, Auburn Labor Area^(a), 2012–2017

Part A							
Labor Force and Employment							
Auburn Labor Area^(a), 2012–2017							
(Place of Residence)	2012	2013	2014	2015	2016	2017	% Chg. 2012–2017
Labor Force^(b)	23,518	23,378	22,931	22,818	22,670	22,266	-5.3
Employment	22,388	22,316	22,043	22,034	21,888	21,501	-4.0
Unemployment (#)	1,130	1,062	888	784	782	765	-32.3
Unemployment Rate (%)	4.8	4.5	3.9	3.4	3.4	3.4	(N/A)
(Place of Work)							
Nonfarm Employment^(c)	16,147	16,065	15,921	16,052	16,000	15,664	-3.0

Table One continued on following page; notes and sources on following page.

Table One — Continued

Part B
Labor Force and Employment by Industry
Nemaha County, NE

(Place of Residence)	2012	2013	2014	2015	2016	2017	% Chg. 2012– 2017
Labor Force ^(b)	3,886	3,824	3,723	3,689	3,610	3,579	-7.9
Employment	3,698	3,633	3,580	3,554	3,479	3,439	-7.0
Unemployment (#)	188	191	143	135	131	140	-25.5
Unemployment Rate (%)	4.8	5.0	3.8	3.7	3.6	3.9	(N/A)
(Place of Work)							
Nonfarm Employment ^(c)	3,168	3,106	3,118	3,147	3,095	3,076	-2.9
Goods Producing	361	345	383	389	354	375	3.9
Manufacturing	283	262	293	301	259	281	-0.7
Natural Resources	20	35	43	42	50	49	145.0
Construction	57	48	47	46	45	45	-21.1
Service Providing	1,150	1,130	1,134	1,149	1,127	1,110	-3.5
Trans., Warehousing & Utilities	374	373	378	382	363	349	-6.7
Information	12*	0	0	0	0	9*	-25.0
Financial Activities	113	117	113	112	98	100	-11.5
Professional & Business Services	61*	0	0	0	0	58*	-4.9
Education & Health Services	250	253	261	251	254	252	0.8
Leisure and Hospitality	238	243	253	267	267	270	13.4
Other Services, except Public	102	69	71	74	68	72	-29.4
Total Government	1,657	1,631	1,601	1,609	1,614	1,591	-4.0
Federal Government	32	30	30	29	31	29	-9.4
State & Local Government	1,625	1,601	1,571	1,580	1,583	1,562	-3.9

^(a) The Labor Area includes Nemaha County, Nebraska and the contiguous counties (Johnson, Otoe, Pawnee, and Richardson in Nebraska, plus Atchison in Missouri).

^(b) The labor force data are measured based on the county of residence, irrespective of the county of employment.

^(c) The Nonfarm Employment data are for wage and salary employment and are based on the place (county) where the individual is employed, irrespective of the county of residence.

* Estimated values provided by Ken Lemke, Nebraska Public Power District.

Source: U.S. Bureau of Labor Statistics, www.bls.gov/cew/.

The second employment measure presented for the Auburn Labor Area, nonfarm wage and salary employment fell from 16,147 in 2012 to 15,664 in 2017, a decline of 3.0 percent. In the case of the labor force data (labor force, unemployment, and employment), the respective measures are based on the county of residence. The nonfarm wage and salary employment data are measured based on the county of employment, irrespective of the place of residence of the workers.

The labor force and employment measures presented for Nemaha County (Table One, Part B) indicate that the total labor force in the county declined by 7.9 percent between 2012 and 2017, with total employment (of people residing in Nemaha County, irrespective of their county of employment) declining by 7.0 percent during this period. It

is also of interest to note that unemployment decreased by 25.5 percent, from 188 in 2012 to 140 in 2017.

As previously noted, the second employment measure presented for Nemaha County, nonfarm wage and salary employment, is based on the county where the person is employed irrespective of their county of residence. Nonfarm wage and salary employment in Nemaha County declined by 2.9 percent between 2012 and 2017. Data presented in Table One, Part B show that the fastest growing employment sector in Nemaha County during the 2012–2017 review period was the Natural Resources sector, recording a 145.0 percent increase between 2012 and 2017. Other economic sectors experiencing growth in employment between 2012 and 2017 were Leisure and Hospitality (13.4 percent) and Education and Health Services (0.8 percent). In the case of the Total Government sector, employment in the State and Local Government sector declined by 3.9 percent and Federal Government sector employment declined by 9.4 percent.

A review of the employment data reported for the Auburn Labor Area (Table Two) indicates differences between the nonfarm wage and salary employment reported in each of the counties and the total employment of persons living in these respective areas. In the case of the entire Auburn Labor Area, nonfarm wage and salary employment was reported to be 15,664 in 2017, which was significantly less (5,837) than the reported total employment of persons living within the six-county Auburn Labor Area.

Table Two
Labor Force, Employment, and Nonfarm Wage and Salary Employment,
Auburn Labor Area, 2017

County	Labor Force 2017^(a)	Total Employment 2017^(a)	Nonfarm Wage & Salary Employment 2017^(b)	Total Employment Minus NF W&S Employment	Agricultural Employment 2016
Nemaha, NE	3,579	3,439	3,076	363	425
Johnson, NE	2,060	1,990	1,563	427	540
Otoe, NE	8,110	7,838	6,119	1,719	909
Pawnee, NE	1,497	1,451	764	687	495
Richardson, NE	4,203	4,065	2,468	1,597	727
Atchison, MO	2,817	2,718	1,674	1,044	429
Labor Area	22,266	21,501	15,664	5,837	3,525

^(a) Labor force and employment data are measured based on the county of residence.

^(b) Nonfarm Employment data are for wage and salary employment and are based on the place (county) where the individual is employed, irrespective of the county of residence.

^(c) Agricultural employment data are for 2016.

Sources: Labor Data - U.S. Bureau of Labor Statistics, www.bls.gov/lau/#data.

Farm Employment Data - U.S. Bureau of Economic Analysis, Regional Accounts Data, www.bea.gov/regional/reis/.

There are two major reasons for differences in the total employment and nonfarm employment values. First, nonfarm wage and salary employment excludes self-employed workers, unpaid family workers, workers in certain not-for-profit organizations, and several other small (primarily seasonal and farm) worker categories—these workers are

included in estimates of total employment. Second estimates of nonfarm wage and salary employment are based on the area where the jobs (businesses) are located while estimates of total employment are based on the area where workers live.

Table Two also includes information on agricultural employment, which includes farm proprietors. As shown in Table Two, 3,525 people in the Auburn Labor Area were employed in agriculture in 2016. It is important to note, that for Nebraska as a whole, approximately 56.6 percent of principal farm operators reported at least some off-farm employment and approximately 37.9 percent reported they worked more than 200 days off the farm.

The number of nonfarm wage and salary workers in the Auburn Labor Area is shown by major industry sector and by county in Table Three. The reader is reminded that nonfarm wage and salary workers are counted in the county where they are employed. Individuals with more than one job are counted at each establishment (and in each county) where they work. Table Three provides information about the number of workers in the labor area by county and major industry category.

Table Three
Nonfarm Wage and Salary Employment by Industry Sector,
Auburn Labor Area, by County, 2017

County	Natural Resources & Mining	Constr.	Manuf.	Trade, Trans. & Utilities	Ed. & Health Services	Fin. Act.	All Other Services	Gov.
Nemaha, NE	49	45	281	349	252	100	409	1591
Johnson, NE	11*	84	155*	233	148	56	96	780
Otoe, NE	150	298	1,320	1,038	685	202	1,081	1,345
Pawnee, NE	13*	27*	186	100	78	40	50	270
Richardson, NE	33	90	286	473	458	102	396	630
Atchison, MO	123	30	8	405	328	66	336	378
Labor Area	379	574	2,236	2,598	1,949	566	2,368	4,994
Nebraska	15,477	51,192	98,080	190,958	136,945	66,230	252,582	161,274

Percent of Total Nonfarm Wage & Salary Employment								
	Natural Resources & Mining	Constr.	Manuf.	Trade, Trans. & Utilities	Ed. & Health Services	Fin. Act.	All Other Services	Gov.
Labor Area	2.4	3.7	14.3	16.6	12.4	3.6	15.1	31.9
Nebraska	1.6	5.3	10.1	19.6	14.1	6.8	26.0	16.6

* Values are estimates by Dr. Ken Lemke, Nebraska Public Power District.

Source: U.S. Bureau of Labor Statistics, www.bls.gov/cew/.

In addition to displaying the number of workers by major industry sector, Table Three also compares the percentage distribution of workers by industry in the Auburn Labor Area with the distribution for the State of Nebraska. As these data show, the industry distribution of employment for the Auburn Labor Area is significantly different than that for Nebraska as a whole.

The most significant deviations between Nebraska and the Auburn Labor Area occur in the Government sector employment, with 31.9 percent of nonfarm wage and salary workers in the Auburn area employed in that sector, compared to 16.6 percent for

Nebraska. The presence of Cooper Nuclear Station, which is operated by Nebraska Public Power District, is the primary reason for the high level of state and local government employment. Conversely, only 15.1 percent of nonfarm wage and salary workers in the Auburn Labor Area are employed in the All Other Services sector, compared to 26.0 percent for Nebraska as a whole.

Table Four, Part A provides data showing labor cost comparisons, by county, for all private wage and salary workers for the Auburn Labor Area. It is important to remember that the wage and salary employment is reported by county of employment and does not provide an indication of the average weekly and annual wage for residents of the respective counties. Obviously, labor cost is an important consideration in any analysis of the labor availability in an area. Pay data for workers covered by unemployment insurance laws in Nebraska are the source of the labor cost information. Average annual pay is calculated by dividing the total payroll for wage and salary workers by the average annual number of employees.

A review of the data in Table Four, Part A indicates that average annual salaries in Nemaha County (\$50,530 for all wage and salary employees for all private industries) are higher than for the Auburn Labor Area as a whole and all of the other counties that make up the area. Also, Nemaha County average annual salaries are \$5,679 (12.7 percent) more than the state average. Average annual salaries for the Auburn Labor Area (\$38,325) were \$6,526 (14.6 percent) less than the Nebraska average.

Table Four
Average Pay by Industry Groups, Auburn Labor Area & Nebraska, 2017

Part A			
Average Annual Pay and Average Weekly Wages by Industry Groups			
All Covered^(a) Wage and Salary Workers, All Industries			
County	Average Employment	Average Weekly Wages	Average Annual Wages
Nemaha, NE	3,076	\$972	\$50,530
Johnson, NE	1,563	\$731	\$38,033
Otoe, NE	6,119	\$719	\$37,395
Pawnee, NE	764	\$658	\$34,216
Richardson, NE	2,468	\$618	\$32,162
Atchison, MO	1,674	\$587	\$30,549
Labor Area	15,664	\$735	\$38,325
Nebraska	972,738	\$863	\$44,851

Table Four continued on following page; notes and sources on following page.

Table Four — Continued

**Part B
Average Annual Pay All Covered^(a) Wage and Salary Workers
By Selected Industry Groups**

County	Goods-Producing	Manuf.	Constr.	Service-Providing	Trade, Trans., & utilities	Financial Activities	Leisure and Hospitality	Government
Nemaha, NE	\$38,756	\$41,629	\$38,077	\$29,243	\$28,510	\$40,210	\$11,483	\$68,143
Johnson, NE	\$40,492	N/A	\$52,421	\$26,273	\$25,418	\$47,044	\$9,279	\$45,302
Otoe, NE	\$43,856	\$46,122	\$42,967	\$28,453	\$28,912	\$39,333	\$16,089	\$48,888
Pawnee, NE	\$37,120	\$37,264	N/A	\$29,181	\$30,382	\$49,614	\$10,434	\$36,761
Richardson, NE	\$40,710	\$45,051	\$30,976	\$29,264	\$29,984	\$38,113	\$11,291	\$33,188
Atchison, MO	\$29,624	\$16,336	\$28,747	\$30,641	\$38,208	\$34,267	\$12,856	\$30,665
Nebraska	\$48,638	\$49,566	\$49,612	\$43,314	\$38,504	\$63,487	\$16,257	\$47,146

N/A - Not Available.

^(a) Includes employers that are subject to Nebraska Employment Security Laws.

Source: U.S. Bureau of Labor Statistics, www.bls.gov/cew/.

Table Four, Part B provides average annual wages, by county and by selected major industry sectors, for the counties that make up the Auburn Labor Area. As the data in Table Four, Part A indicate, the highest overall average annual wages in the area are for wage and salary workers employed in Nemaha, Nebraska County. The average annual wage for all wage and salary workers (working) in Nemaha, Nebraska County was \$50,530 in 2017 which was \$12,205 (31.8 percent) higher than the average for the Auburn Labor Area as a whole, and \$5,679 (12.7 percent) greater than the Nebraska average. A review of the industry specific data for average annual wages for Nemaha, Nebraska County indicates that the high average annual wage results from the extremely high average wage in the Government sector. This is primarily due to the presence of Cooper Nuclear Station and its highly specialized workforce.

Table Five provides information on entry, average, and experienced wages for selected occupations across all industry groups for businesses located in Southeast Nebraska. Entry level and experienced wage rates represent the means of the lower third and upper two-thirds of the wage distribution, respectively. Additional estimates of wages by occupation for the Auburn Zip Code Tabulation Area² and Nemaha County are provided in Appendix A of this report.

Table Five
Entry, Average, and Experienced Hourly Wage Levels, Selected Occupations
Southeast Nebraska, 3rd Quarter, 2018

Occupation	Average (\$/hour)	Entry Level (\$/hour)	Experienced (\$/hour)
Education, Training, and Library Occupations	23.58	13.08	28.83
Healthcare Practitioners and Technical Occupations	30.10	17.35	36.48
Registered Nurses	29.29	23.76	32.05
Protective Service Occupations	19.90	13.16	23.28
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29.41	15.07	36.58
Construction and Extraction Occupations	19.24	12.97	22.38
Installation, Maintenance, and Repair Occupations	22.63	14.15	26.86
Production Occupations	18.67	13.85	21.08
First-Line Supervisors of Production and Operating Workers	28.65	20.21	32.86
Assemblers and fabricators, all other, including team assemblers	17.25	14.13	18.81
Welders, Cutters, Solderers, and Brazers	20.02	15.51	22.26
Inspectors, Testers, Sorters, Samplers, and Weighers	18.89	15.73	20.46
Transportation and Material Moving Occupations	17.17	11.99	19.75
Heavy and Tractor-Trailer Truck Drivers	19.46	13.84	22.27
Laborers and Freight, Stock, and Material Movers, Hand	16.87	12.90	18.86

Source: Nebraska Department of Labor, Office of Labor Market Information, Occupational Employment Statistics, November, 2016.

² A Zip Code Tabulation Area is a geographic location similar to but not necessarily the same as a postal zip code area. In rural areas both Zip Code Tabulation Areas and postal zip code areas often extend beyond the corporate limits of an incorporated area.

Commuting Patterns

Table Six provides data from the 2015 U.S. Census, Longitudinal Employer-Household Dynamics Program showing commuting patterns for workers living in the Auburn Labor Area. Data in Table Six indicate, a significant number (and percentage) of workers in the area commuted outside of their county of residence for employment. Data for Nemaha County indicate that 1,529, or 51.4 percent of the employed workers, commuted to other counties for employment. For three of the other counties in the Auburn Labor Area, the percentage of commuters was greater than for Nemaha County. In the case of Johnson County, 1,398, or 65.9 percent of employed workers commuted out of their county of residence for employment. Other counties with a high percentage of employed workers commuting to other counties for employment include Pawnee (62.8 percent) and Otoe (60.9 percent).

Table Six
Commuting Patterns, Auburn Labor Area
Jobs Outside County of Residence, 2015

County	County Residents Working Outside County	
	Number	Percent
Nemaha, NE	1,529	51.4%
Johnson, NE	1,398	65.9%
Otoe, NE	4,798	60.9%
Pawnee, NE	641	62.8%
Richardson, NE	1,697	50.1%
Atchison, MO	1,051	48.1%

Source: U.S. Bureau of the Census, *Longitudinal Employer-Household Dynamics*, onthemap.ces.census.gov/.

Table Seven provides further detail illustrating the willingness of workers in Auburn and Nemaha County to travel for employment. In 2015, residents of Nemaha County worked at a total of 2,975 jobs; a resident could work at more than one job. Of these 2,975 jobs, the largest number, 1,446 or 48.6 percent, were in Nemaha County, while 317 or 10.7 percent were located in Lancaster County. Other counties with high numbers of workers from Nemaha County were Otoe (254 jobs), Douglas (222 jobs), and Johnson (108 jobs).

Also, in 2015, residents of Auburn worked at a total of 1,645 jobs with the largest number, 874 or 53.1 percent located in Nemaha County. Other counties with workers from Auburn include Lancaster (170 jobs), Douglas (114 jobs), Otoe (110 jobs), and Johnson (49 jobs).

Table Seven
Commuting Patterns, Auburn Labor Area
Location of Jobs Held by Auburn and Nemaha County Residents, 2015

County Where Jobs are Located	Primary Jobs Held by Auburn Residents	% Auburn Residents' Primary Jobs	Primary Jobs Held by Nemaha County Residents	% Nemaha County Residents' Primary Jobs
Nemaha	874	53.1%	1,446	48.6%
Lancaster	170	10.3%	317	10.7%
Otoe	110	6.7%	254	8.5%
Douglas	114	6.9%	222	7.5%
Johnson	49	3.0%	108	3.6%
All Other Locations	328	19.9%	628	21.1%
Total Resident Jobs	1,645	100.0%	2,975	100.0%

Source: U.S. Bureau of the Census, *Longitudinal Employer-Household Dynamics*, onthemap.ces.census.gov/.

Table Eight provides data showing the willingness of workers in other counties to commute to Auburn City and Nemaha County for employment. In 2015, 621 or 43.1 percent of the 1,442 primary jobs in Auburn City were held by residents of other counties. Otoe County was home to the greatest number of workers commuting into Auburn City from outside Nemaha County, 122 or 8.5 percent. Other counties with large numbers of workers commuting into Auburn City for their primary jobs included Richardson, 99 or 6.9 percent; Lancaster, 44 or 3.1 percent; Johnson, 41 or 2.8 percent; Gage, 40 or 2.8 percent; and Douglas, 38 or 2.6 percent.

Data in Table Eight indicate 1,413 (49.4 percent) of the 2,859 primary jobs in Nemaha County were held by workers commuting from other counties. In 2015, Otoe County was home to the greatest number of workers commuting into Nemaha for primary jobs, 253 or 8.8 percent. Other counties with large numbers of workers commuting into Nemaha County for their primary jobs included, Richardson, 217 or 7.6 percent; Lancaster, 133 or 4.7 percent; Johnson, 91 or 3.2 percent; Atchison, MO, 84 or 2.9 percent; and Gage, 66 or 2.3 percent.

Table Eight
Commuting Patterns, Auburn Labor Area
Sources of Auburn and Nemaha County Workers, 2015

County Where Workers Live	Primary Jobs in Auburn City	% Primary Jobs in Auburn City	Primary Jobs in Nemaha County	% Primary Jobs in Nemaha County
Nemaha, NE	821	56.9%	1,446	50.6%
Otoe, NE	122	8.5%	253	8.8%
Richardson, NE	99	6.9%	217	7.6%
Lancaster, NE	44	3.1%	133	4.7%
Johnson, NE	41	2.8%	91	3.2%
Atchison, MO	1	0.1%	84	2.9%
Gage, NE	40	2.8%	66	2.3%
Douglas, NE	38	2.6%	61	2.1%
Fremont, IA	7	0.5%	30	1.0%
All Other Locations	229	15.9%	478	16.7%
Total Primary Jobs	1,442	100.0%	2,859	100.0%

Source: U.S. Bureau of the Census, *Longitudinal Employer-Household Dynamics*, onthemap.ces.census.gov/.

Table Nine provides data for Nemaha County showing the number of primary jobs (Workforce) located in the county and the number of primary jobs held by county residents (Labor Force Employment) by industry in 2015. When the Workforce for an industry exceeds the Labor Force (positive values in the last column of Table Nine), the difference between these values represents the net number of jobs in Nemaha County held by workers commuting into the county from other areas. If the Workforce is less than the Labor Force (negative values in the last column of Table Nine), the difference represents the net number of jobs held outside of Nemaha County by county residents.

As data in Table Nine indicate, residents of Nemaha County were employed in 1,645 primary jobs in 2015, but there were 1,442 primary jobs within the area. This indicates residents commuted to at least 203 primary jobs outside the study area. It is important to note this is an estimate of net out-commuting and most certainly understates the actual number of primary jobs in other counties held by area residents.

Table Nine
Primary Jobs, Nemaha County, 2015
Resident Labor Force and Employers Workforce

Industry	Labor Force Employment (Employment of Area Residents)	Workforce (Area Jobs)	Net Number of Jobs Held by Workers Commuting Into Nemaha County^(a)
Agriculture, Forestry, Fishing and Hunting	14	0	-14
Mining, Quarrying, and Oil and Gas Extraction	0	0	0
Utilities	149	0	-149
Construction	61	45	-16
Manufacturing	203	194	-9
Wholesale Trade	41	15	-26
Retail Trade	181	167	-14
Transportation and Warehousing	38	14	-24
Information	14	10	-4
Finance and Insurance	74	64	-10
Real Estate and Rental and Leasing	8	2	-6
Professional, Scientific, and Technical Services	37	25	-12
Administration & Support, Waste Management and Remediation	18	3	-15
Management of Companies and Enterprises	14	3	-11
Educational Services	197	217	20
Health Care and Social Assistance	281	358	77
Arts, Entertainment, and Recreation	9	10	1
Accommodation and Food Services	116	158	42
Other Services (excluding Public Administration)	54	38	-16
Public Administration	136	119	-17
Total	1,645	1,442	-203

^(a) A negative value indicates the net number of primary jobs outside of the area held by Auburn Labor Area residents.

Source: U.S. Bureau of the Census, *Longitudinal Employer-Household Dynamics*, onthemap.ces.census.gov/.

Population Trends

The data provided in Table Ten show population trends for the Auburn Labor Area, by county, and for Nebraska for the period 1960-2017. As these data indicate, the population of the Auburn Labor Area was 45,026 in 2010. The Auburn Labor Area population declined by 25.4 percent from 1960 to 2010 and declined 2.2 percent from 2010 to 2017. Population in Nemaha County totaled 7,248 in 2010 and had declined by 20.3 percent from 1960 to 2010. During the latest Census decade from 2010 to 2017, the Nemaha County population decreased by 4.1 percent, compared to the decrease for the Auburn Labor Area as a whole of 2.2 percent, and to statewide average growth of 5.1 percent.

Table Ten
Population in the Auburn Labor Area, by County, and Nebraska
Selected Years, 1960–2017

County	1960	1970	1980	1990	2000	2010	2017	% Chg. 1960–2010	% Chg. 2010–2017
Nemaha, NE	9,099	8,976	8,367	7,980	7,576	7,248	6,949	-20.3	-4.1
Johnson, NE	6,281	5,743	5,285	4,673	4,488	5,217	5,185	-16.9	-0.6
Otoe, NE	16,503	15,576	15,183	14,252	15,396	15,740	16,027	-4.6	1.8
Pawnee, NE	5,356	4,473	3,937	3,317	3,087	2,773	2,641	-48.2	-4.8
Richardson, NE	13,903	12,277	11,315	9,937	9,531	8,363	7,969	-39.8	-4.7
Atchison, MO	9,213	9,240	8,605	7,457	6,430	5,685	5,275	-38.3	-7.2
Labor Area	60,355	56,285	52,692	47,616	46,508	45,026	44,046	-25.4	-2.2
Nebraska	1,411,330	1,483,493	1,569,825	1,578,385	1,711,230	1,826,341	1,920,076	29.4	5.1

Sources: U.S. Bureau of the Census, *Census of Population, 1960-2010* and *Population Estimates 2017*.

Table Eleven shows the age distribution of the resident population. Obviously, the age distribution of the population is important when evaluating the potential labor supply in an area. A key variable is the number of people in the working age populations of the counties making up the Auburn Labor Area. In 2017, there were 3,195 people in Nemaha County between the ages of 25 and 64, which represented 46.0 percent of the total population, compared to 48.6 percent of the population for the Auburn Labor Area as a whole and 49.9 percent of the Nebraska population in this age range.

Table Eleven
Age Characteristics of the Population, Auburn Labor Area,
by County, and Nebraska, 2017

County	0-14		15-24		25-44		45-64		65-Older		Median
	Number	% ^(a)	Number	% ^(a)	Number	% ^(a)	Number	% ^(a)	Number	% ^(a)	Age
Nemaha, NE	1,230	17.7	1,126	16.2	1,510	21.7	1,685	24.2	1,398	20.1	38.8
Johnson, NE	804	15.5	579	11.2	1,386	26.7	1,462	28.2	954	18.4	41.6
Otoe, NE	3,219	20.1	1,863	11.6	3,544	22.1	4,307	26.9	3,094	19.3	41.6
Pawnee, NE	461	17.5	272	10.3	437	16.5	720	27.3	751	28.4	50.3
Richardson, NE	1,383	17.4	843	10.6	1,543	19.4	2,255	28.3	1,945	24.4	47.5
Atchison, MO	869	16.5	520	9.9	1,118	21.2	1,454	27.6	1,314	24.9	47.1
Labor Area	7,966	18.1	5,203	11.8	9,538	21.7	11,883	27.0	9,456	21.5	43.4
Nebraska	398,315	20.7	268,436	14.0	490,188	25.5	467,764	24.4	295,373	15.4	36.4

^(a) Percent of total population for each respective area.

Source: U.S. Bureau of the Census, *Population Estimates* 2017.

Information in Table Twelve shows recent changes in the racial (“White Alone” and “Not-White Alone”) and ethnic (“Hispanic” and “Non-Hispanic”) composition for the resident populations of Nemaha County, the Nemaha County Labor Area, and Nebraska statewide. As shown in Table Twelve, total Nemaha County population decreased by 8.3 percent during the seventeen-year period while the Hispanic population increased by 157.9 percent and the Not-White Alone and Non-Hispanic population increased by 69.6 percent. Over the same period, Auburn Labor Area population decreased 5.3 percent while the while the Hispanic population increased by 215.4 percent, and the Not-White Alone and Non-Hispanic population increased by 77.4 percent. Statewide, population increased by 12.2 percent from 2000 to 2017, while the Hispanic population increased by 123.4 percent and the Not-White Alone and Non-Hispanic population increased by 60.5 percent.

Table Twelve
Population by Selected Race and Ethnic Origin Characteristics
Nemaha, Auburn Labor Area, and Nebraska Statewide, 2000–2017

Category	2000		2017		Change 2000-2017	
	#	%	#	%	#	%
---Nemaha County---						
Total Population	7,580	100.0	6,949	100.0	-631	-8.3
Hispanic origin	76	1.0	196	2.8	120	157.9
White Alone, Non-Hispanic Origin	7,369	97.2	6,524	93.9	-845	-11.5
Not-White Alone & Non-Hispanic	135	1.8	229	3.3	94	69.6
---Auburn Labor Area---						
Total Population	46,514	100.0	44,046	100.0	-2,468	-5.3
Hispanic origin	746	1.6	2,353	5.3	1,607	215.4
White Alone, Non-Hispanic Origin	44,707	96.1	39,811	90.4	-4,896	-11.0
Not-White Alone & Non-Hispanic	1,061	2.3	1,882	4.3	821	77.4
---Nebraska, Statewide---						
Total Population	1,711,230	100.0	1,920,076	100.0	208,846	12.2
Hispanic origin	94,419	5.5	210,911	11.0	116,492	123.4
White Alone, Non-Hispanic Origin	1,497,082	87.5	1,516,962	79.0	19,880	1.3
Not-White Alone & Non-Hispanic	119,729	7.0	192,203	10.0	72,474	60.5

Source: U.S. Bureau of the Census, *Population Estimates 2000 & 2015*.

Table Thirteen provides information showing population, the natural increase (births minus deaths) and net migration for the period 2000–2010 for Nebraska, for Nemaha County, and for the Auburn Labor Area. As these data show, the Auburn Labor Area experienced net out-migration during the Census decade of the 2000s, while, Johnson, and Otoe Counties in Nebraska, experienced net in-migration. As indicated in the table, net out-migration for the Auburn Labor Area accounted for a population decline of 581 people during the decade, contributing to a population decrease equal to 1.2 percent of the population. In the case of Nemaha County, net out-migration during 2000s totaled 276 people, or 3.6 percent of the 2000 population.

Table Thirteen
Population, Births, Deaths, and Migration
Nebraska and Auburn Labor Area by County, 2000–2010

County	Population		2000–2010			Net Migration*, 2000–2010	
	2000	2010	Births	Deaths	Nat. Incr.	Number	% 2000 Pop.
Nemaha, NE	7,576	7,248	791	843	-52	-276	-3.6
Johnson, NE	4,488	5,217	520	532	-12	741	16.5
Otoe, NE	15,396	15,740	1,926	1,802	124	220	1.4
Pawnee, NE	3,087	2,773	232	444	-212	-102	-3.3
Richardson, NE	9,531	8,363	827	1,368	-541	-627	-6.6
Atchison, MO	6,430	5,685	600	808	-208	-537	-8.4
Labor Area	46,508	45,026	4,896	5,797	-901	-581	-1.2
Nebraska	1,711,263	1,826,341	262,095	150,343	111,752	3,326	0.2

* Net Migration from the Bureau of the Census estimates, includes residual component not shown separately.

Sources: Population (2000, 2010) - U.S. Bureau of the Census, *Census of Population, 2000, 2010*;
 Births, Deaths, and Natural Increase – Nebraska Department of Health Vital Statistics Data;
 Migration - computed using population and natural increase.

Table Fourteen provides information showing population, the natural increase (births minus deaths), and net migration for the period 2010–2017. As these data show, the Auburn Labor Area experienced significant net out-migration during this more recent seven-year period. As indicated in the table, out-migration for the Auburn Labor Area accounted for population decline of 542 during the 2010–2017 period, contributing to a population decrease equal to 1.2 percent of the 2010 population. In the case of Nemaha County, net out-migration during this seven-year period was 252, or 3.5 percent of the 2010 population.

Table Fourteen
Population, Births, Deaths, and Migration
Nebraska and Auburn Labor Area, by County, 2010–2017

County	Population		2010–2017			Net Migration, 2010–2017*	
	2010	2017	Births	Deaths	Nat. Incr.	Number	% 2010 Pop.
Nemaha, NE	7,248	6,949	510	557	-47	-252	-3.5
Johnson, NE	5,217	5,185	312	417	-105	73	1.4
Otoe, NE	15,740	16,027	1,389	1,285	104	183	1.2
Pawnee, NE	2,773	2,641	220	246	-26	-106	-3.8
Richardson, NE	8,363	7,969	611	817	-206	-188	-2.2
Atchison, MO	5,685	5,275	377	535	-158	-252	-4.4
Labor Area	45,026	44,046	3,419	3,857	-438	-542	-1.2
Nebraska	1,826,341	1,920,076	183,729	110,088	73,641	20,094	1.1

* Net Migration from the Bureau of the Census estimates, includes residual component not shown separately.

Sources: Population (2010) - U.S. Bureau of the Census, *Census of Population, 2010*;

Population (2017) - U.S. Bureau of the Census, *Population Estimates 2017*.

Competitive Employment and Career Opportunities

An employer providing jobs with competitive wages and benefits and offering career opportunities would be a welcome addition to the employment base in the Auburn Labor Area and in Nemaha County. The expected response to such employment opportunities would be significant, and it is anticipated that there would be an adequate labor supply response for a prospective new employer offering competitive wages and benefits in the Auburn area. The labor force, employment, and demographic data presented in this report illustrate quite clearly that there is a sufficiently large labor force and population base living within the Auburn Labor Area, and that significant numbers of persons living in the area are commuting to other areas for employment.

In conclusion, the data and analysis presented in this report indicate that the Auburn Labor Area and Nemaha County would be able to provide a significant number of dedicated and skilled workers to meet the needs of additional employers in the area. While this report has not estimated a precise number of people that might be available to a prospective new employer in the Auburn area, it is anticipated that if attractive working conditions with competitive wages and employee benefits were offered, a prospective new employer would be able to select their workforce from a substantial pool of applicants.

APPENDICES:

- A: Average Hourly Wage, Selected Occupations, Within Twenty and Forty-Minutes of Auburn, Nebraska 2018.
- B: Workforce and Labor Force Employment by Occupation, Selected Occupations Within Twenty and Forty Minutes of Auburn, Nebraska 2018

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Table A-1
Average Hourly Wage, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings	2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings
11-1000	Top Executives	62	12.34	35.37	47.94	209	15.66	36.53	47.66
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	<10	NA	NA	NA	13	29.22	48.26	59.79
11-3000	Operations Specialties Managers	27	32.57	49.51	61.66	102	31.17	46.21	57.47
11-9000	Other Management Occupations	36	29.79	46.76	56.53	155	25.08	42.63	53.75
13-1000	Business Operations Specialists	42	23.88	36.44	47.91	165	21.76	33.08	43.08
13-2000	Financial Specialists	33	19.69	28.59	33.25	117	19.58	28.03	32.91
15-1100	Computer Occupations	23	27.04	35.19	42.82	100	23.95	31.81	39.28
17-2000	Engineers	19	32.98	43.86	53.12	99	34.08	45.01	55.76
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	<10	NA	NA	NA	30	21.1	27.33	32.71
19-1000	Life Scientists	<10	NA	NA	NA	32	21.88	28.34	32.52
19-3000	Social Scientists and Related Workers	<10	NA	NA	NA	20	19.41	28.23	35.21
19-4000	Life, Physical, and Social Science Technicians	<10	NA	NA	NA	32	18.19	27.84	37.18
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	59	14.6	20.82	25.29	186	13.83	19.74	23.79
21-2000	Religious Workers	<10	NA	NA	NA	36	13.08	19.89	23.83
23-1000	Lawyers, Judges, and Related Workers	<10	NA	NA	NA	17	24.88	30.38	34.17
25-1000	Postsecondary Teachers	<10	NA	NA	NA	75	25.64	37.83	46.5
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	151	22.87	27.52	32.18	427	21.69	26.67	31.6
25-3000	Other Teachers and Instructors	26	14.8	17.85	19.76	80	13.98	17.19	19.44
25-4000	Librarians, Curators, and Archivists	16	12.87	19.22	23.93	40	12.68	18.89	23.38
25-9000	Other Education, Training, and Library Occupations	61	11.38	14.33	15.48	169	11.17	14.26	15.38
27-1000	Art and Design Workers	<10	NA	NA	NA	18	11.22	15.9	17.93
27-2000	Entertainers and Performers, Sports and Related Workers	<10	NA	NA	NA	38	9.97	14.98	16.05

Source at end of table.

Table A-1 (Continued)
Average Hourly Wage, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings	2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings
27-3000	Media and Communication Workers	<10	NA	NA	NA	27	12.55	17.72	20.67
29-1000	Health Diagnosing and Treating Practitioners	82	27.24	42.01	44.12	312	25.19	39.16	41.58
29-2000	Health Technologists and Technicians	82	14.05	19.2	22.65	261	14.91	19.4	22.04
29-9000	Other Healthcare Practitioners and Technical Occupations	<10	NA	NA	NA	13	20.01	28.38	34.57
31-1000	Nursing, Psychiatric, and Home Health Aides	61	12.04	13.6	14.77	241	10.63	12.31	13.74
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	<10	NA	NA	NA	25	15.41	21.3	27.87
31-9000	Other Healthcare Support Occupations	14	12.95	16.79	19.93	58	13.03	16.37	19.19
33-1000	Supervisors of Protective Service Workers	12	21.92	29.69	35.44	36	20.74	26.74	31.67
33-2000	Fire Fighting and Prevention Workers	<10	NA	NA	NA	19	13.46	18.72	21.3
33-3000	Law Enforcement Workers	67	18.95	22.56	26.46	185	15.83	20.66	24.24
33-9000	Other Protective Service Workers	26	10.57	16.4	22.91	79	10.52	16.52	22.74
35-1000	Supervisors of Food Preparation and Serving Workers	21	11.37	14.37	15.52	76	11.57	14.83	16.32
35-2000	Cooks and Food Preparation Workers	64	9.54	11.37	12.82	219	10.03	11.42	12.73
35-3000	Food and Beverage Serving Workers	163	9.29	10.5	10.79	594	9.61	10.82	11.12
35-9000	Other Food Preparation and Serving Related Workers	20	9.99	10.89	11.58	59	9.97	10.99	11.79
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	<10	NA	NA	NA	31	15.56	18.98	22
37-2000	Building Cleaning and Pest Control Workers	65	10.44	13.3	15.58	302	10.22	12.57	14.15
37-3000	Grounds Maintenance Workers	22	10.78	15.08	16.97	79	10.48	14.38	16.13
39-1000	Supervisors of Personal Care and Service Workers	<10	NA	NA	NA	16	14.6	19.75	25.62
39-3000	Entertainment Attendants and Related Workers	<10	NA	NA	NA	16	10.41	11.9	13.29
39-5000	Personal Appearance Workers	13	9.17	11.99	12.83	30	10.11	13.12	13.87
39-9000	Other Personal Care and Service Workers	68	10.67	13.21	15.12	278	10.35	12.42	14.17

Source at end of table.

Table A-1 (Continued)
Average Hourly Wage, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings	2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings
41-1000	Supervisors of Sales Workers	21	11.78	16.67	18.85	103	12.3	16.87	19.29
41-2000	Retail Sales Workers	127	9.11	11.16	11.07	632	9.2	11.27	11.22
41-3000	Sales Representatives, Services	31	14.54	25.08	32.08	89	14.66	24.64	31.08
41-4000	Sales Representatives, Wholesale and Manufacturing	17	15.24	24.94	30.27	62	15.76	25.55	31.33
41-9000	Other Sales and Related Workers	<10	NA	NA	NA	28	11.57	19.57	23.86
43-1000	Supervisors of Office and Administrative Support Workers	20	16.71	22.68	28.42	72	15.59	21.24	26.39
43-3000	Financial Clerks	68	11.67	15.48	18.64	246	11.41	14.84	17.68
43-4000	Information and Record Clerks	70	10.99	14.81	17.23	272	11.03	14.11	16.16
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	57	14.46	18.18	20.49	232	14.03	17.81	20.1
43-6000	Secretaries and Administrative Assistants	101	12.64	16.79	19.8	361	11.9	15.82	18.65
43-9000	Other Office and Administrative Support Workers	63	10.86	14.6	17.11	226	10.36	13.77	16.15
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	<10	NA	NA	NA	10	19.14	26.5	30.61
45-2000	Agricultural Workers	40	11.86	15.21	16.61	249	11.3	14.24	15.65
47-1000	Supervisors of Construction and Extraction Workers	10	21.97	29.22	33.5	43	21.67	29.11	33.33
47-2000	Construction Trades Workers	52	15.05	20.19	23.91	261	14.97	19.69	23.17
47-4000	Other Construction and Related Workers	44	16.47	18.83	21.24	113	15.29	18.19	20.56
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	14	23.29	35.03	44.87	54	21.68	32.44	41.33
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	<10	NA	NA	NA	37	17.84	24.94	31.27
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	37	13.74	19.13	23.06	141	13.4	18.66	22.65
49-9000	Other Installation, Maintenance, and Repair Occupations	67	16.91	22.98	26.58	272	16.23	22.47	26.34
51-1000	Supervisors of Production Workers	18	21.79	27.66	33.06	77	20.75	26.45	31.66
51-2000	Assemblers and Fabricators	45	13.29	15.36	17	148	14.52	16.8	18.61

Source at end of table.

Table A-1 (Continued)
Average Hourly Wage, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings	2017 Jobs	Pct. 25 Hourly Earnings	Avg. Hourly Earnings	Pct. 75 Hourly Earnings
51-3000	Food Processing Workers	30	17.29	18.03	20.46	514	14.54	15.54	16.95
51-4000	Metal Workers and Plastic Workers	70	14.54	17.01	19.51	135	15.53	18.52	21.38
51-6000	Textile, Apparel, and Furnishings Workers	<10	NA	NA	NA	18	10.14	11.73	12.59
51-8000	Plant and System Operators	28	15.47	23.15	28.5	62	15.91	23.22	28.6
51-9000	Other Production Occupations	38	12.28	15	17.07	275	11.95	14.73	16.98
53-1000	Supervisors of Transportation and Material Moving Workers	<10	NA	NA	NA	29	17.94	25.31	31.43
53-3000	Motor Vehicle Operators	78	10.93	15.71	19.64	268	11.05	15.96	19.69
53-4000	Rail Transportation Workers	<10	NA	NA	NA	27	24.71	30.43	34.63
53-6000	Other Transportation Workers	<10	NA	NA	NA	19	11.38	15.26	14.66
53-7000	Material Moving Workers	77	12.78	15.38	17.7	346	12.11	14.79	17.13

NA: Not available.

Source: Economic Modeling Specialists International (EMSI) / www.economicmodeling.com. 2018.4 – QCEW Employees.

Table B-1
Workforce and Labor Force Employment by Occupation, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters	Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters
11-1000	Top Executives	35.37	62	63	-1	36.53	209	245	-36
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	<10	NA	NA	NA	48.26	13	18	-5
11-3000	Operations Specialties Managers	49.51	27	26	1	46.21	102	107	-5
11-9000	Other Management Occupations	46.76	36	35	1	42.63	155	170	-15
13-1000	Business Operations Specialists	36.44	42	56	-14	33.08	165	229	-64
13-2000	Financial Specialists	28.59	33	39	-6	28.03	117	142	-25
15-1100	Computer Occupations	35.19	23	33	-10	31.81	100	138	-38
17-2000	Engineers	43.86	19	15	4	45.01	99	76	23
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	<10	NA	NA	NA	27.33	30	22	8
19-1000	Life Scientists	<10	NA	NA	NA	28.34	32	24	8
19-3000	Social Scientists and Related Workers	<10	NA	NA	NA	28.23	20	11	9
19-4000	Life, Physical, and Social Science Technicians	<10	NA	NA	NA	27.84	32	27	5
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	20.82	59	53	6	19.74	186	185	1
21-2000	Religious Workers	<10	NA	16	NA	19.89	36	61	-25
23-1000	Lawyers, Judges, and Related Workers	<10	NA	NA	NA	30.38	17	20	-3
25-1000	Postsecondary Teachers	<10	NA	34	NA	37.83	75	105	-30
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	27.52	151	126	25	26.67	427	457	-30
25-3000	Other Teachers and Instructors	17.85	26	24	2	17.19	80	88	-8
25-4000	Librarians, Curators, and Archivists	19.22	16	10	6	18.89	40	30	10
25-9000	Other Education, Training, and Library Occupations	14.33	61	56	5	14.26	169	187	-18
27-1000	Art and Design Workers	<10	NA	NA	NA	15.9	18	17	1
27-2000	Entertainers and Performers, Sports and Related Workers	<10	NA	NA	NA	14.98	38	35	3

Source at end of table.

Table B-1 (Continued)
Workforce and Labor Force Employment by Occupation, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters	Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters
27-3000	Media and Communication Workers	<10	NA	NA	NA	17.72	27	23	4
29-1000	Health Diagnosing and Treating Practitioners	42.01	82	98	-16	39.16	312	419	-107
29-2000	Health Technologists and Technicians	19.2	82	76	6	19.4	261	288	-27
29-9000	Other Healthcare Practitioners and Technical Occupations	<10	NA	NA	NA	28.38	13	<10	<10
31-1000	Nursing, Psychiatric, and Home Health Aides	13.6	61	72	-11	12.31	241	305	-64
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	<10	NA	NA	NA	21.3	25	20	5
31-9000	Other Healthcare Support Occupations	16.79	14	16	-2	16.37	58	73	-15
33-1000	Supervisors of Protective Service Workers	29.69	12	NA	NA	26.74	36	27	9
33-2000	Fire Fighting and Prevention Workers	<10	NA	NA	NA	18.72	19	20	-1
33-3000	Law Enforcement Workers	22.56	67	57	10	20.66	185	182	3
33-9000	Other Protective Service Workers	16.4	26	22	4	16.52	79	80	-1
35-1000	Supervisors of Food Preparation and Serving Workers	14.37	21	26	-5	14.83	76	103	-27
35-2000	Cooks and Food Preparation Workers	11.37	64	74	-10	11.42	219	294	-75
35-3000	Food and Beverage Serving Workers	10.5	163	193	-30	10.82	594	773	-179
35-9000	Other Food Preparation and Serving Related Workers	10.89	20	19	1	10.99	59	73	-14
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	<10	NA	NA	NA	18.98	31	25	6
37-2000	Building Cleaning and Pest Control Workers	13.3	65	78	-13	12.57	302	346	-44
37-3000	Grounds Maintenance Workers	15.08	22	18	4	14.38	79	79	0
39-1000	Supervisors of Personal Care and Service Workers	<10	NA	NA	NA	19.75	16	13	3
39-3000	Entertainment Attendants and Related Workers	<10	NA	NA	NA	11.9	16	13	3
39-5000	Personal Appearance Workers	11.99	13	12	1	13.12	30	32	-2
39-9000	Other Personal Care and Service Workers	13.21	68	78	-10	12.42	278	327	-49

Source at end of table.

Table B-1 (Continued)
Workforce and Labor Force Employment by Occupation, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters	Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters
41-1000	Supervisors of Sales Workers	16.67	21	30	-9	16.87	103	131	-28
41-2000	Retail Sales Workers	11.16	127	182	-55	11.27	632	809	-177
41-3000	Sales Representatives, Services	25.08	31	35	-4	24.64	89	113	-24
41-4000	Sales Representatives, Wholesale and Manufacturing	24.94	17	25	-8	25.55	62	125	-63
41-9000	Other Sales and Related Workers	<10	NA	NA	NA	19.57	28	20	8
43-1000	Supervisors of Office and Administrative Support Workers	22.68	20	26	-6	21.24	72	100	-28
43-3000	Financial Clerks	15.48	68	73	-5	14.84	246	280	-34
43-4000	Information and Record Clerks	14.81	70	84	-14	14.11	272	357	-85
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	18.18	57	70	-13	17.81	232	313	-81
43-6000	Secretaries and Administrative Assistants	16.79	101	109	-8	15.82	361	413	-52
43-9000	Other Office and Administrative Support Workers	14.6	63	82	-19	13.77	226	298	-72
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	<10	NA	NA	NA	26.5	10	12	-2
45-2000	Agricultural Workers	15.21	40	33	7	14.24	249	339	-90
47-1000	Supervisors of Construction and Extraction Workers	29.22	10	13	-3	29.11	43	54	-11
47-2000	Construction Trades Workers	20.19	52	70	-18	19.69	261	323	-62
47-4000	Other Construction and Related Workers	18.83	44	32	12	18.19	113	94	19
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	35.03	14	15	-1	32.44	54	59	-5
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	<10	NA	NA	NA	24.94	37	31	6
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	19.13	37	41	-4	18.66	141	178	-37
49-9000	Other Installation, Maintenance, and Repair Occupations	22.98	67	67	0	22.47	272	290	-18
51-1000	Supervisors of Production Workers	27.66	18	20	-2	26.45	77	89	-12

Source at end of table.

Table B-1 (Continued)
Workforce and Labor Force Employment by Occupation, Selected Occupations,
Within Twenty and Forty Minutes of Auburn, Nebraska 2018

SOC	Description	20 Minutes				40 Minutes			
		Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters	Avg. Hourly Earnings	2017 Jobs	Res. Employed in Occ.	Net Out-Commuters
51-2000	Assemblers and Fabricators	15.36	45	41	4	16.8	148	164	-16
51-3000	Food Processing Workers	18.03	30	61	-31	15.54	514	442	72
51-4000	Metal Workers and Plastic Workers	17.01	70	52	18	18.52	135	155	-20
51-6000	Textile, Apparel, and Furnishings Workers	<10	NA	NA	NA	11.73	18	16	2
51-8000	Plant and System Operators	23.15	28	18	10	23.22	62	52	10
51-9000	Other Production Occupations	15	38	51	-13	14.73	275	317	-42
53-1000	Supervisors of Transportation and Material Moving Workers	<10	NA	NA	NA	25.31	29	37	-8
53-3000	Motor Vehicle Operators	15.71	78	97	-19	15.96	268	399	-131
53-4000	Rail Transportation Workers	<10	NA	13	NA	30.43	27	54	-27
53-6000	Other Transportation Workers	<10	NA	NA	NA	15.26	19	14	5
53-7000	Material Moving Workers	15.38	77	84	-7	14.79	346	408	-62

NA: Not available.

Source: Economic Modeling Specialists International (EMSI) / www.economicmodeling.com. 2018.4 – QCEW Employees.