

# **Economic Overview**

July 1, 2021

# City of Rockaway Beach, MO



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Demographic Profile	3
Employment Trends	5
Wage Trends	6
Cost of Living Index	7
Industry Snapshot	8
Occupation Snapshot	10
Industry Clusters	12
Education Levels	13
City of Rockaway Beach, MO Regional Map	14
FAQ	15



# **Demographic Profile**

The population in the City of Rockaway Beach, MO was 872 per American Community Survey data for 2015-2019.

The region has a civilian labor force of 412 with a participation rate of 59.7%. Of individuals 25 to 64 in the City of Rockaway Beach, MO, 21.1% have a bachelor's degree or higher which compares with 33.5% in the nation.

The median household income in the City of Rockaway Beach, MO is \$39,643 and the median house value is \$90,500.

#### Summary<sup>1</sup>

		Percent		Value			
	City of Rockaway Beach, MO	Missouri	USA	City of Rockaway Beach, MO	Missouri	USA	
Demographics	Beach, IVIO	Wiissouri	USA	beach, Mo	Wiissouri	USA	
Population (ACS)	_	_	_	872	6,104,910	324,697,795	
Male	48.9%	49.1%	49.2%	426	2,995,725	159,886,919	
Female	51.1%	50.9%	50.8%	446	3,109,185	164,810,876	
Median Age <sup>2</sup>	_	_	_	44.3	38.6	38.1	
Under 18 Years	22.9%	22.6%	22.6%	200	1,381,612	73,429,392	
18 to 24 Years	2.1%	9.4%	9.4%	18	573,249	30,646,327	
25 to 34 Years	18.8%	13.3%	13.9%	164	813,407	45,030,415	
35 to 44 Years	6.9%	12.1%	12.6%	60	738,183	40,978,831	
45 to 54 Years	11.7%	12.6%	13.0%	102	769,927	42,072,620	
55 to 64 Years	21.4%	13.5%	12.9%	187	821,807	41,756,414	
65 to 74 Years	10.4%	9.5%	9.1%	91	577,726	29,542,266	
75 Years, and Over	5.7%	7.0%	6.5%	50	428,999	21,241,530	
Race: White	87.8%	82.2%	72.5%	766	5,015,904	235,377,662	
Race: Black or African American	0.0%	11.5%	12.7%	0	701,334	41,234,642	
Race: American Indian and Alaska Native	5.2%	0.4%	0.8%	45	27,084	2,750,143	
Race: Asian	2.1%	2.0%	5.5%	18	120,654	17,924,209	
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.1%	0.2%	0	8,231	599,868	
Race: Some Other Race	0.9%	1.2%	4.9%	8	71,335	16,047,369	
Race: Two or More Races	4.0%	2.6%	3.3%	35	160,368	10,763,902	
Hispanic or Latino (of any race)	1.9%	4.2%	18.0%	17	254,791	58,479,370	
Economic							
Labor Force Participation Rate and Size (civilian population ${\bf 16}$ years and over)	59.7%	62.8%	63.2%	412	3,055,789	163,555,585	
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	76.4%	82.6%	82.1%	249	1,909,998	104,634,905	
Armed Forces Labor Force	0.0%	0.4%	0.4%	0	18,850	1,073,907	
Veterans, Age 18-64	12.4%	5.3%	4.6%	66	195,582	9,143,042	
Veterans Labor Force Participation Rate and Size, Age 18-64	31.8%	74.1%	76.6%	21	144,845	7,003,778	
Median Household Income <sup>2</sup>	_	_	_	\$39,643	\$55,461	\$62,843	
Per Capita Income	_	_	_	\$22,840	\$30,810	\$34,103	
Mean Commute Time (minutes)	_	_	_	28.3	23.9	26.9	
Commute via Public Transportation	0.0%	1.3%	5.0%	0	38,268	7,641,160	
Educational Attainment, Age 25-64							
No High School Diploma	11.1%	8.8%	10.9%	57	277,718	18,550,150	
High School Graduate	26.1%	28.6%	25.7%	134	897,440	43,627,868	
Some College, No Degree	31.6%	22.6%	20.7%	162	709,824	35,174,790	
Associate's Degree	10.1%	8.9%	9.1%	52	278,447	15,526,064	
Bachelor's Degree	15.4%	19.7%	21.2%	79	618,480	35,997,848	
Postgraduate Degree	5.7%	11.5%	12.3%	29	361,415	20,961,560	



#### Summary<sup>1</sup>

		Percent			Value	
	City of Rockaway Beach, MO	Missouri	USA	City of Rockaway Beach, MO	Missouri	USA
Housing						
Total Housing Units	_	_	_	638	2,790,397	137,428,986
Median House Value (of owner-occupied units) <sup>2</sup>	_	_	_	\$90,500	\$157,200	\$217,500
Homeowner Vacancy	4.9%	1.7%	1.6%	13	27,891	1,257,737
Rental Vacancy	8.2%	6.3%	6.0%	15	54,781	2,793,023
Renter-Occupied Housing Units (% of Occupied Units)	40.6%	33.2%	36.0%	169	802,535	43,481,667
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	15.6%	6.9%	8.6%	65	165,906	10,395,713
Social						
Poverty Level (of all people)	16.9%	13.7%	13.4%	147	810,045	42,510,843
Households Receiving Food Stamps/SNAP	26.7%	11.1%	11.7%	111	268,633	14,171,567
Enrolled in Grade 12 (% of total population)	0.0%	1.3%	1.4%	0	78,114	4,422,344
Disconnected Youth <sup>3</sup>	0.0%	2.8%	2.5%	0	8,774	423,273
Children in Single Parent Families (% of all children)	21.3%	33.9%	34.1%	38	440,546	23,790,005
Uninsured	17.1%	9.3%	8.8%	149	559,885	28,248,613
With a Disability, Age 18-64	18.8%	12.5%	10.3%	100	453,975	20,187,604
With a Disability, Age 18-64, Labor Force Participation Rate and Size	18.0%	41.1%	42.2%	18	186,435	8,509,463
Foreign Born	3.1%	4.2%	13.6%	27	255,719	44,011,870
Speak English Less Than Very Well (population 5 yrs and over)	0.0%	2.2%	8.4%	0	126,914	25,615,365

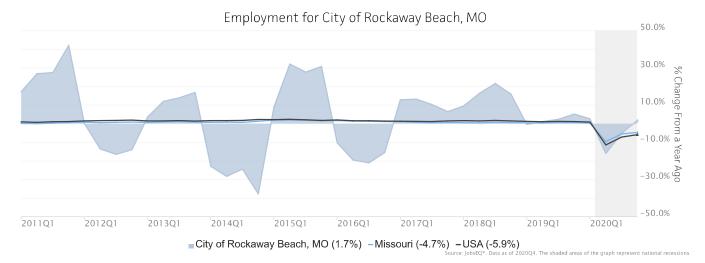
#### Source: JobsEQ®

- 1. American Community Survey 2015-2019, unless noted otherwise
  2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.
  3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.
  4. Census 2019, annual average growth rate since 2009



# **Employment Trends**

As of 2020Q4, total employment for the City of Rockaway Beach, MO was 81 (based on a four-quarter moving average). Over the year ending 2020Q4, employment increased 1.7% in the region.

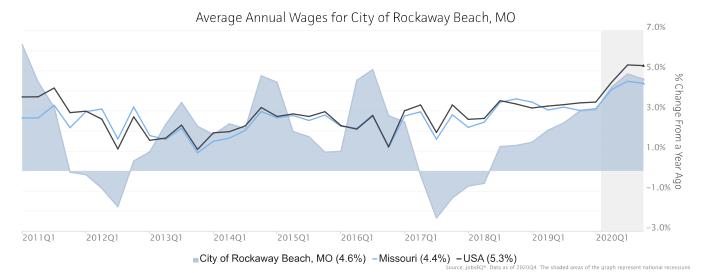


Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4.



# Wage Trends

The average worker in the City of Rockaway Beach, MO earned annual wages of \$32,824 as of 2020Q4. Average annual wages per worker increased 4.6% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$60,761 in the nation as of 2020Q4.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4.



# **Cost of Living Index**

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 12.2% lower in City of Rockaway Beach, MO than the U.S. average.

#### **Cost of Living Information**

		Cost of Living Inde	x
	Annual Average Salary	(Base US)	<b>US Purchasing Power</b>
City of Rockaway Beach, MO	\$32,824	87.8	\$37,401
Missouri	\$51,314	88.7	\$57,862
USA	\$60,761	100.0	\$60,761

Source: JobsEQ®
Data as of 2020Q4

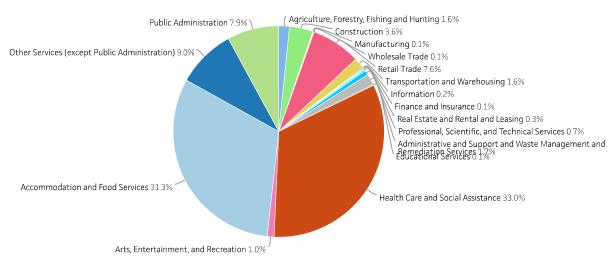
Cost of Living per C2ER, data as of 2020q4, imputed by Chmura where necessary.



### **Industry Snapshot**

The largest sector in the City of Rockaway Beach, MO is Health Care and Social Assistance, employing 27 workers. The next-largest sectors in the region are Accommodation and Food Services (25 workers) and Other Services (except Public Administration) (7). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Accommodation and Food Services (LQ = 4.10), Health Care and Social Assistance (2.22), and Other Services (except Public Administration) (2.09).

Total Workers for City of Rockaway Beach, MO by Industry



Source: JobsEQ®,Data as of 2020C

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4.

Sectors in the City of Rockaway Beach, MO with the highest average wages per worker are Transportation and Warehousing (\$52,512), Health Care and Social Assistance (\$49,251), and Professional, Scientific, and Technical Services (\$37,846). Regional sectors with the best job growth (or most moderate job losses) over the last 10 years are Accommodation and Food Services (+20 jobs), Health Care and Social Assistance (+13), and Retail Trade (0).

Over the next 10 years, employment in the City of Rockaway Beach, MO is projected to expand by 5 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +2.0% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+6 jobs), Accommodation and Food Services (+1), and Other Services (except Public Administration) (0).



			Current		10-Year History					10-Year Forecast				
			Avg Ann		Empl		Total			Empl Ar				
NAICS	Industry	Empl	Wages	LQ	Change	Ann %	Demand	Exits	Transfers	Growth	Growth			
62	Health Care and Social Assistance	27	\$49,251	2.22	13	6.7%	34	14	14	6	2.0%			
72	Accommodation and Food Services	25	\$25,995	4.10	20	16.3%	42	18	23	1	0.3%			
81	Other Services (except Public Administration)	7	\$22,285	2.09	-1	-1.0%	8	4	5	0	-0.1%			
44	Retail Trade	6	\$26,312	0.73	0	-0.2%	7	3	4	-1	-1.0%			
92	Public Administration	6	\$37,520	1.58	-6	-6.6%	6	2	3	0	-0.1%			
23	Construction	3	\$35,999	0.61	-3	-6.7%	3	1	2	0	-0.4%			
11	Agriculture, Forestry, Fishing and Hunting	1	\$8,918	1.18	0	-0.6%	1	1	1	0	-1.6%			
48	Transportation and Warehousing	1	\$52,512	0.34	-3	-11.4%	1	1	1	0	-2.0%			
54	Professional, Scientific, and Technical Services	1	\$37,846	0.10	-1	-8.8%	0	0	0	0	-1.6%			
56	Administrative and Support and Waste Management and Remediation Services	1	\$33,032	0.28	0	0.5%	1	1	1	0	-1.6%			
71	Arts, Entertainment, and Recreation	1	\$28,492	0.64	0	-1.0%	1	1	1	0	-0.7%			
22	Utilities	0	n/a	0.00	-3	n/a	0	0	0	0				
52	Finance and Insurance	0	n/a	0.00	-3	n/a	0	0	0	0	-1.7%			
53	Real Estate and Rental and Leasing	0	n/a	0.00	0	n/a	0	0	0	0	-0.9%			
	Total - All Industries	81	\$32,824	1.00	12	1.6%	96	39	52	5	0.6%			

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2020Q3 with preliminary estimates updated to 2020Q4. Forecast employment growth uses national projections adapted for regional growth patterns.



### **Occupation Snapshot**

The largest major occupation group in the City of Rockaway Beach, MO is Food Preparation and Serving Related Occupations, employing 18 workers. The next-largest occupation groups in the region are Healthcare Support Occupations (13 workers) and Office and Administrative Support Occupations (9). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Healthcare Support Occupations (LQ = 3.54), Community and Social Service Occupations (3.51), and Food Preparation and Serving Related Occupations (3.02).

Occupation groups in the City of Rockaway Beach, MO with the highest average wages per worker are Management Occupations (\$80,400), Healthcare Practitioners and Technical Occupations (\$73,100), and Business and Financial Operations Occupations (\$61,600). The unemployment rate in the region varied among the major groups from 5.9% among Management Occupations to 23.9% among Personal Care and Service Occupations.

Over the next 10 years, the fastest growing occupation group in the City of Rockaway Beach, MO is expected to be Healthcare Support Occupations with a +3.1% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+5 jobs) and Food Preparation and Serving Related Occupations (+1). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Food Preparation and Serving Related Occupations (32 jobs) and Healthcare Support Occupations (19).

#### City of Rockaway Beach, MO, 2020Q41

			Current				10-Year	History		1				
soc	Occupation	Empl	Mean Ann Wages²	LQ	Unempl	Unempl Rate	Online Job Ads	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
35-0000	Food Preparation and Serving Related	18	\$25,300	3.02	21	23.6%	n/a	14	15.0%	33	12	20	1	0.3%
31-0000	Healthcare Support	13	\$28,800	3.54	1	8.1%	n/a	8	11.4%	24	10	9	5	3.1%
43-0000	Office and Administrative Support	9	\$33,000	0.84	5	11.6%	n/a	-4	-3.3%	9	4	6	-1	-0.7%
41-0000	Sales and Related	6	\$36,800	0.71	9	15.6%	n/a	-1	-1.3%	8	3	5	-1	-1.1%
11-0000	Management	5	\$80,400	0.89	1	5.9%	n/a	-1	-1.1%	4	2	3	0	-0.3%
21-0000	Community and Social Service	5	\$47,100	3.51	0	n/a	n/a	2	3.7%	6	2	4	1	1.0%
29-0000	Healthcare Practitioners and Technical	4	\$73,100	0.74	0	n/a	n/a	2	5.9%	2	1	1	0	0.8%
37-0000	Building and Grounds Cleaning and Maintenance	3	\$27,000	1.19	6	14.3%	n/a	0	1.1%	4	2	2	0	0.6%
39-0000	Personal Care and Service	3	\$26,900	1.60	4	23.9%	n/a	-1	-1.6%	5	2	3	0	0.5%
13-0000	Business and Financial Operations	2	\$61,600	0.35	0	n/a	n/a	-1	-3.9%	2	0	1	0	0.3%
25-0000	Educational Instruction and Library	2	\$45,900	0.33	1	11.1%	n/a	-1	-2.8%	2	1	1	0	0.2%
27-0000	Arts, Design, Entertainment, Sports, and Media	2	\$40,900	1.28	1	23.7%	n/a	0	-1.0%	2	1	1	0	-0.2%
33-0000	Protective Service	2	\$38,600	1.39	0	n/a	n/a	-2	-5.5%	2	1	1	0	0.0%
47-0000	Construction and Extraction	2	\$45,700	0.63	3	13.0%	n/a	-2	-6.7%	3	1	2	0	-0.2%
49-0000	Installation, Maintenance, and Repair	2	\$41,800	0.64	2	9.6%	n/a	0	-1.6%	2	1	1	0	0.4%
53-0000	Transportation and Material Moving	2	\$33,200	0.31	4	13.4%	n/a	0	-1.3%	3	1	2	0	-0.2%



#### City of Rockaway Beach, MO, 2020Q41

	Cur				urrent			10-Year History				10-Year Forecast		
SOC	Occupation	Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
15-0000	Computer and Mathematical	0	n/a	0.00	0	n/a	n/a	0	n/a	0	0	0	0	0.0%
17-0000	Architecture and Engineering	0	n/a	0.00	0	n/a	n/a	-1	n/a	0	0	0	0	0.0%
51-0000	Production	0	n/a	0.00	2	13.1%	n/a	-1	n/a	1	0	0	0	0.0%
	Total - All Occupations	81	\$39,900	1.00	n/a	n/a	n/a	12	1.6%	111	44	62	5	0.6%

Source: JobsEQ®

Data as of 2020Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

Occupation employment data are estimated via industry employment data and the estimated 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 2020Q3, imputed where necessary with preliminary estimates updated to 2020Q4. Wages by occupation are as of 2020 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.

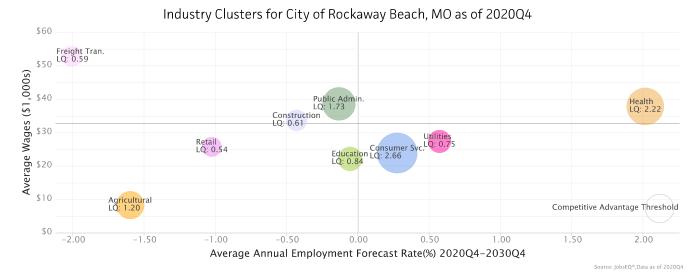


<sup>1.</sup> Data based on a four-quarter moving average unless noted otherwise.

<sup>2.</sup> Wage data are as of 2020 and represent the average for all Covered Employment

### **Industry Clusters**

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the City of Rockaway Beach, MO with the highest relative concentration is Consumer Svc. with a location quotient of 2.66. This cluster employs 27 workers in the region with an average wage of \$23,899. Employment in the Consumer Svc. cluster is projected to expand in the region about 0.3% per year over the next ten years.



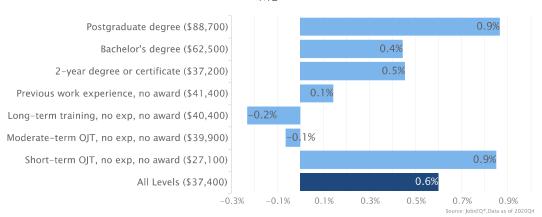
Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2020Q3 with preliminary estimates updated to 2020Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



### **Education Levels**

Expected growth rates for occupations vary by the education and training required. While all employment in the City of Rockaway Beach, MO is projected to grow 0.6% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.9% per year, those requiring a bachelor's degree are forecast to grow 0.4% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.5% per year.

Annual Average Projected Job Growth by Training Required for City of Rockaway Beach, MO



Employment by occupation data are estimates are as of 2020Q4. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



# City of Rockaway Beach, MO Regional Map



### FAQ

#### 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 industry (or occupation) 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 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 a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a competitive advantage in that cluster.

#### What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

#### 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.

#### 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 804 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 22 major groups, 95 minor groups, and 452 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

Source: JobsEQ®, http://www.chmuraecon.com/jobseq Copyright © 2021 Chmura Economics & Analytics, All Rights Reserved.

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