COLORADO CHAMBER OF COMMERCE

AspenTechLabs

Colorado Chamber of Commerce | Aspen Tech Labs

Quarterly Jobs Report

April 1, 2023
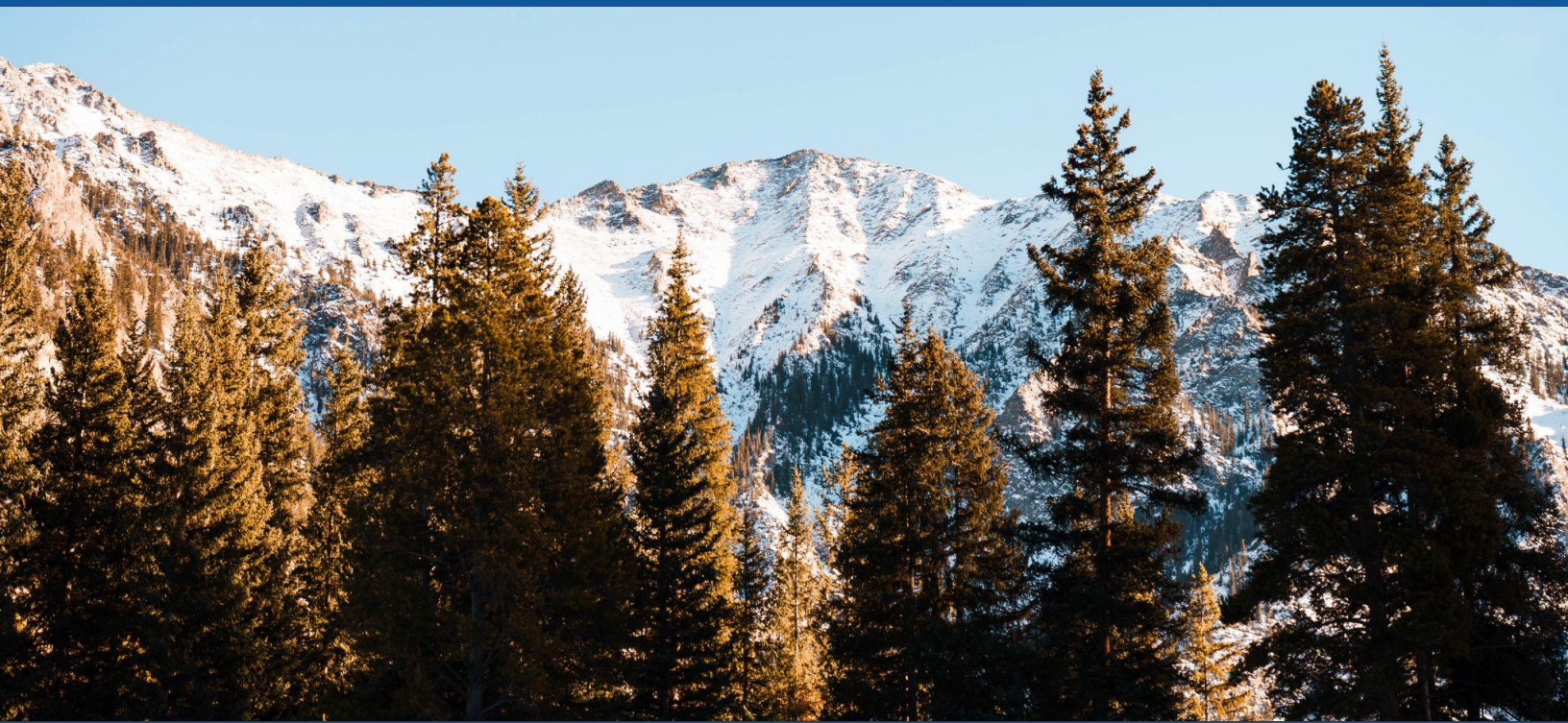
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Introduction

The [Colorado Chamber of Commerce](#) and [Aspen Tech Labs](#) (ATL) have partnered to provide quarterly data on Colorado's workforce statistics and trends. Utilizing ATL's database of more than 9 million job vacancies worldwide from over 120,000 companies, these reports are meant to provide big-picture data to highlight key insights on Colorado's economy.

During the first quarter of the year, the number of job vacancies in Colorado saw a slight decrease, with a 2% drop observed between the beginning and end of the period. However, wages in the state continued to climb in 2023, with a 2.3% increase in the median wage during Q1.

It's worth noting that Colorado ranks as the 11th highest state in terms of average salary, indicating that the state may offer competitive compensation for job seekers. Additionally, the state ranks 9th in the average number of vacancies per capita, suggesting that there may be a range of job opportunities available to those in search of employment.

The jobs data used in the Job Market Pulse platform comes directly from ATL's [JobsIndex](#), which is the largest pool of organic jobs collected directly from corporate career sites and applicant tracking systems. ATL's data team analyzes the JobsIndex to learn who's hiring, where there are hot spots for jobs, what this data looks like over time, and more. Through ATL's analytics, the company created Job Market Pulse which allows customers to use real-time jobs data to make critical business and competitive decisions.

ATL uses proprietary techniques to retrieve and analyze data, such as the company's salary parser to collect salary information from job postings. ATL only collects original salary information published by employers. The company does not estimate salary data or modify the data in any way. ATL extracts this valuable salary information from the respective field, job titles, and/or job descriptions.

Given the breadth and diversity of the Job Market Pulse, ATL's data is geographically representative and covers all industries. The coverage of Job Market Pulse will continue to grow in 2023.

Total Vacancies in Colorado

116,783

Current Vacancies as of April 1, 2023

Vacancy Trend (WeeklyTotals)

Number of Vacancies

118,898 125,095 122,224 120,443 119,578 119,087 114,204 114,063 114,147 114,597 112,447 117,700 116,783

Jan 9   Jan 23   Feb 6   Feb 20   Mar 6   Mar 20
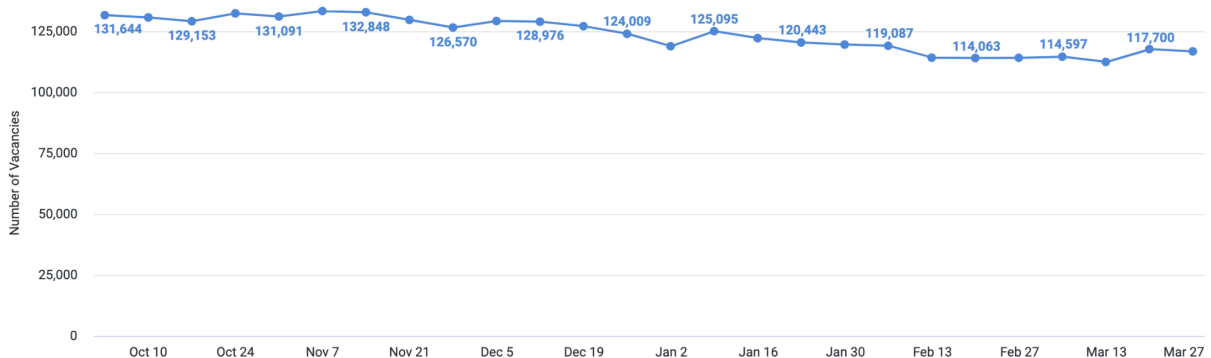
-2%

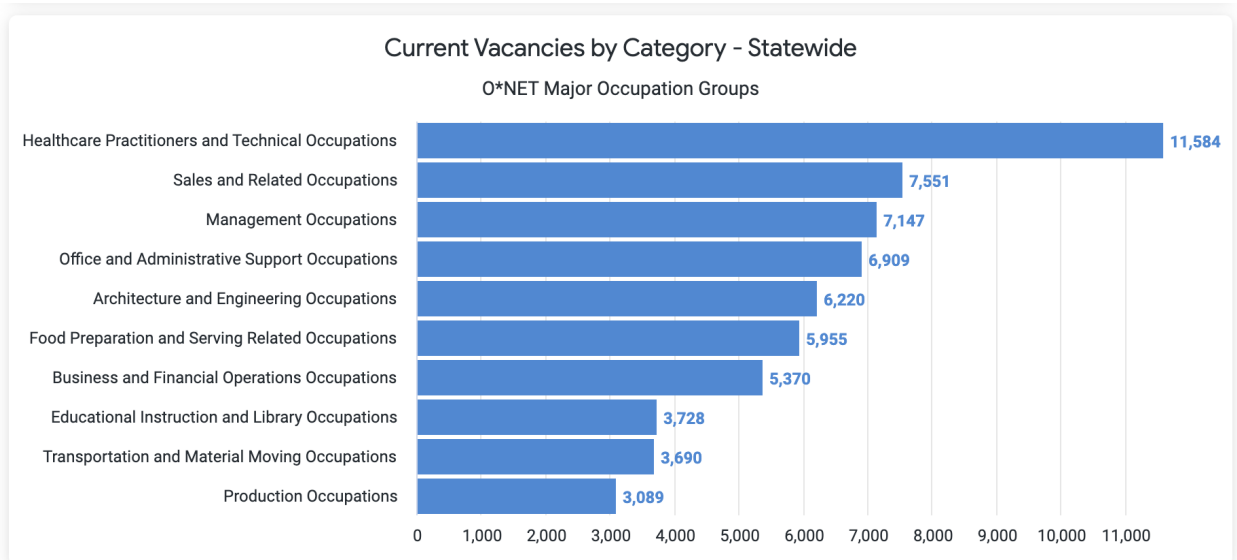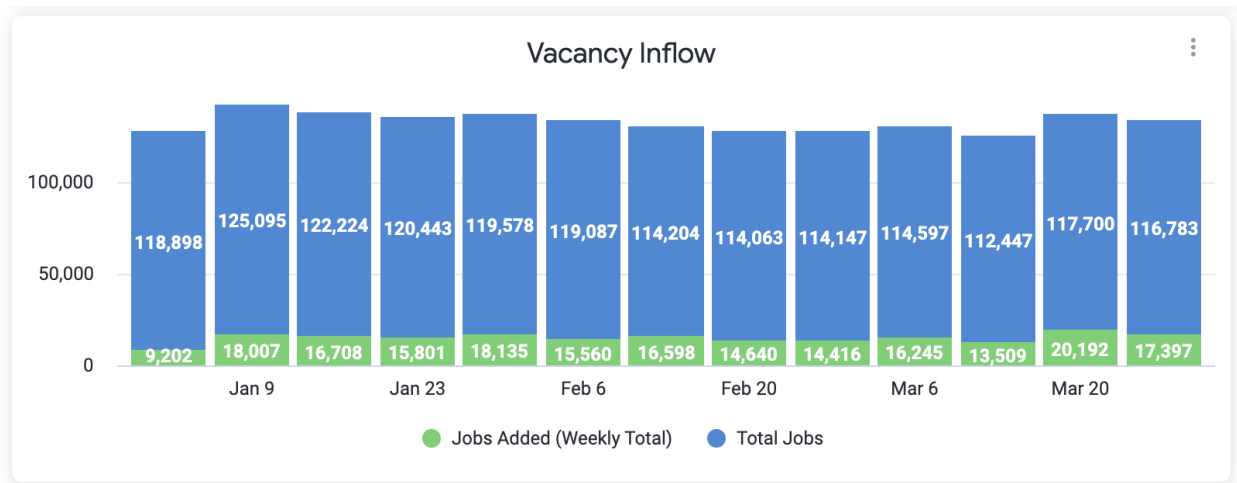% Change from January 1, 2023

-2,788

Change from January 1, 2023

Six Month Vacancy Trend (Weekly Totals)

Number of Vacancies

131,644 129,153 131,091 132,848 126,570 128,976 124,009 125,095 120,443 119,087 114,063 114,597 117,700

Oct 10   Oct 24   Nov 7   Nov 21   Dec 5   Dec 19   Jan 2   Jan 16   Jan 30   Feb 13   Feb 27   Mar 13   Mar 27

Vacancy Inflow

	Jan 9		Jan 23		Feb 6		Feb 20		Mar 6		Mar 20	
Total Jobs	118,898	125,095	122,224	120,443	119,578	119,087	114,204	114,063	114,147	114,597	112,447	117,700	116,783
Jobs Added (Weekly Total)	9,202	18,007	16,708	15,801	18,135	15,560	16,598	14,640	14,416	16,245	13,509	20,192	17,397

● Jobs Added (Weekly Total)   ● Total Jobs

Current Vacancies by Category - Statewide

O*NET Major Occupation Groups

Occupation Group	Vacancies
Healthcare Practitioners and Technical Occupations	11,584
Sales and Related Occupations	7,551
Management Occupations	7,147
Office and Administrative Support Occupations	6,909
Architecture and Engineering Occupations	6,220
Food Preparation and Serving Related Occupations	5,955
Business and Financial Operations Occupations	5,370
Educational Instruction and Library Occupations	3,728
Transportation and Material Moving Occupations	3,690
Production Occupations	3,089

Vacancies by Metro

	MSA Name	Current Vacancies	Change from Previous Report	Percent Change	
1	Denver, CO	66,080	-2,740	-4%	
2	Colorado Springs, CO	12,746	359	3%	
3	Fort Collins, CO	6,027	404	7%	
4	Boulder, CO	7,017	-478	-6%	
5	Greeley, CO	3,775	154	4%	
6	Pueblo, CO	2,421	269	13%	
7	Grand Junction, CO	2,144	-152	-7%	
8	Glenwood Springs, CO	1,775	-96	-5%	
9	Durango, CO	885	21	2%	
10	Montrose, CO	594	63	12%	

Remote Vacancies

Remote - 3.53%

Other - 96.47%

Remote Vacancies by Category

Other - 30.12%
Customer Service - 24.66%
Information Technology - 22.05%
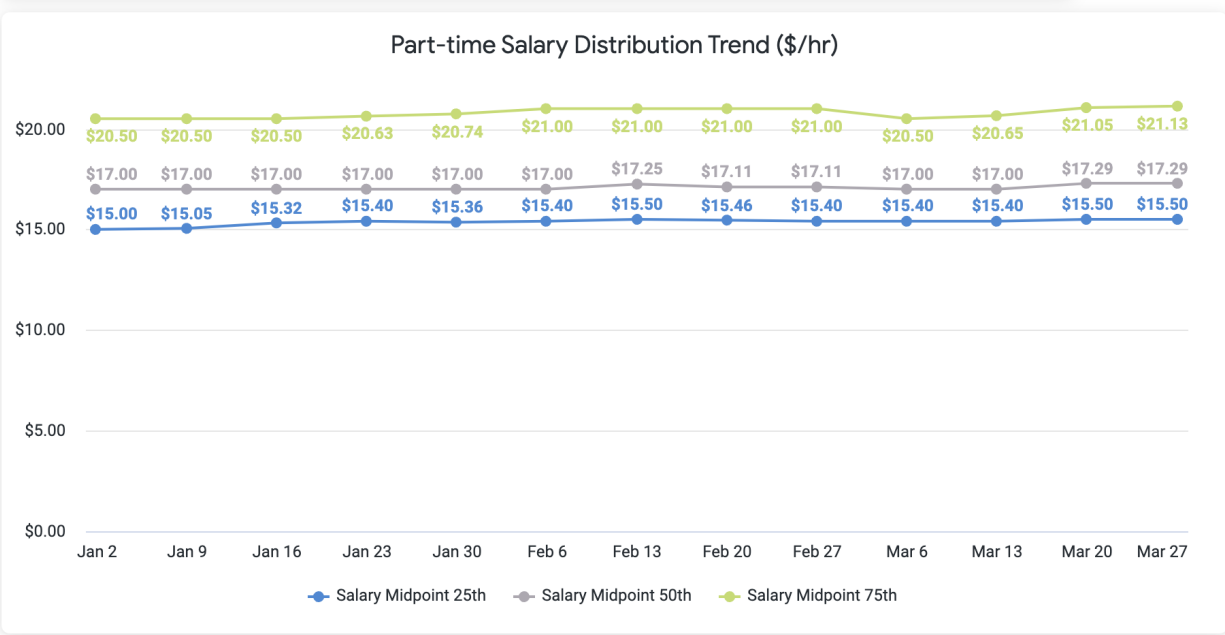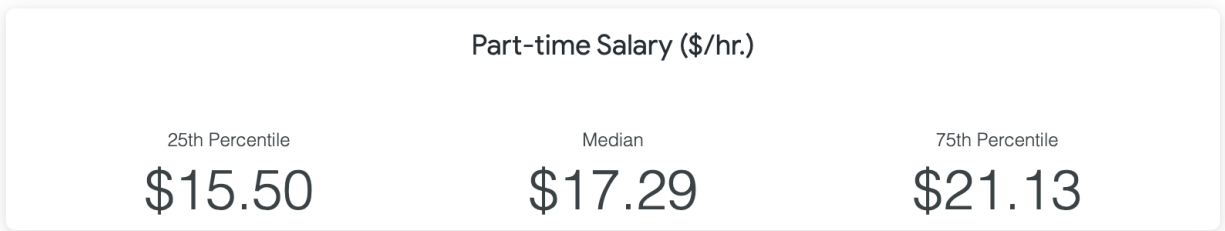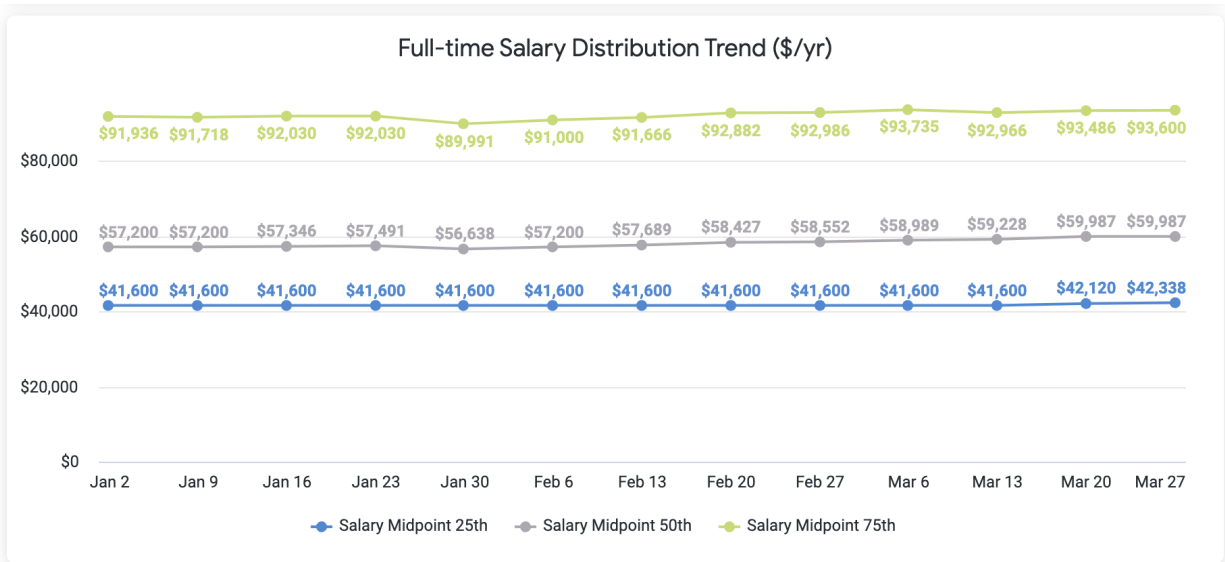Healthcare - 7.94%
Finance - 7.89%
Management - 7.34%
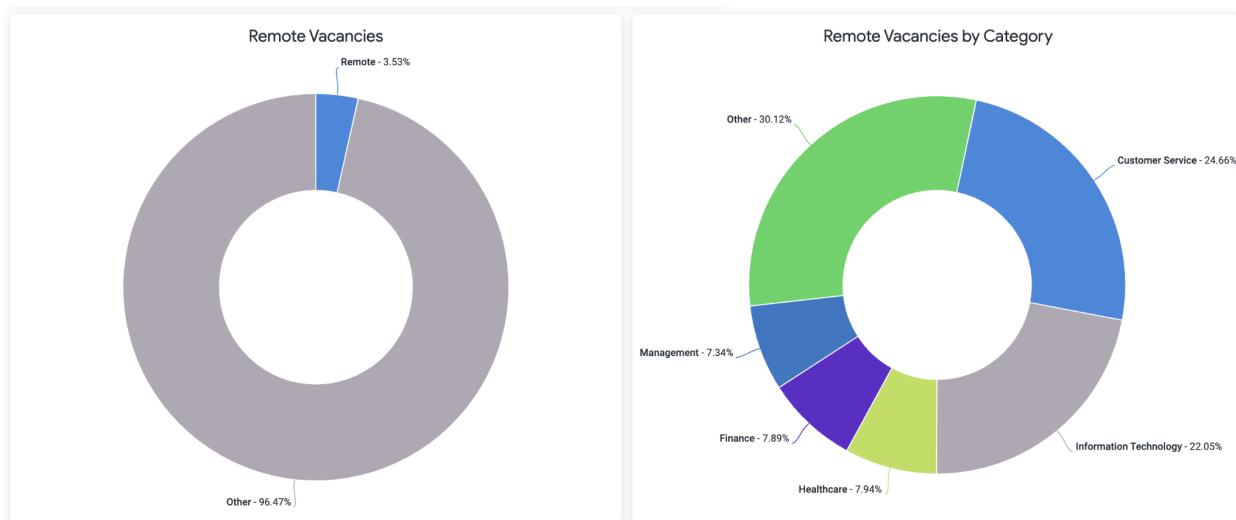
*These jobs listings are only for Colorado companies offering remote positions.

Salary Data

Salary data for job postings listed statewide in Colorado as of April 1, 2023

Full-time Salary ($/yr.)

25th Percentile	Median	75th Percentile
$42,380	$59,998	$93,600

+ 2.3%

% Change from January 1, 2023 (Median Salary)

+ $1,102

Change from January 1, 2023 (Median Salary)

Full-time Salary ($/hr.)

25th Percentile	Median	75th Percentile
$20.38	$28.84	$45.00

Full-time Salary Distribution Trend ($/yr)

$91,936 $91,718 $92,030 $92,030 $89,991 $91,000 $91,666 $92,882 $92,986 $93,735 $92,966 $93,486 $93,600

$57,200 $57,200 $57,346 $57,491 $56,638 $57,200 $57,689 $58,427 $58,552 $58,989 $59,228 $59,987 $59,987

$41,600 $41,600 $41,600 $41,600 $41,600 $41,600 $41,600 $41,600 $41,600 $41,600 $41,600 $42,120 $42,338

| | Jan 2 | Jan 9 | Jan 16 | Jan 23 | Jan 30 | Feb 6 | Feb 13 | Feb 20 | Feb 27 | Mar 6 | Mar 13 | Mar 20 | Mar 27 |

●— Salary Midpoint 25th   ●— Salary Midpoint 50th   ●— Salary Midpoint 75th

Part-time Salary ($/hr.)

25th Percentile	Median	75th Percentile
$15.50	$17.29	$21.13

Part-time Salary Distribution Trend ($/hr)

$20.50 $20.50 $20.50 $20.63 $20.74 $21.00 $21.00 $21.00 $21.00 $20.50 $20.65 $21.05 $21.13

$17.00 $17.00 $17.00 $17.00 $17.00 $17.00 $17.25 $17.11 $17.11 $17.00 $17.00 $17.29 $17.29

$15.00 $15.05 $15.32 $15.40 $15.36 $15.40 $15.50 $15.46 $15.40 $15.40 $15.40 $15.50 $15.50

| | Jan 2 | Jan 9 | Jan 16 | Jan 23 | Jan 30 | Feb 6 | Feb 13 | Feb 20 | Feb 27 | Mar 6 | Mar 13 | Mar 20 | Mar 27 |

●— Salary Midpoint 25th   ●— Salary Midpoint 50th   ●— Salary Midpoint 75th

Median Salary by Metro (Previous 3 Months)

	MSA Name	Full-time ⌄	Part-time
1	Boulder, CO	$63,991	$17.72
2	Colorado Springs, CO	$61,651	$16.00
3	Denver, CO	$60,424	$17.50
4	Craig, CO	$58,323	$18.50
5	Glenwood Springs, CO	$56,451	$20.25
6	Edwards, CO	$50,960	$19.90
7	Pueblo, CO	$49,993	$15.70
8	Greeley, CO	$49,920	$16.25
9	Montrose, CO	$49,920	$17.00
10	Fort Collins, CO	$48,880	$16.50

Top Paying Categories (ONET Minor Groups)

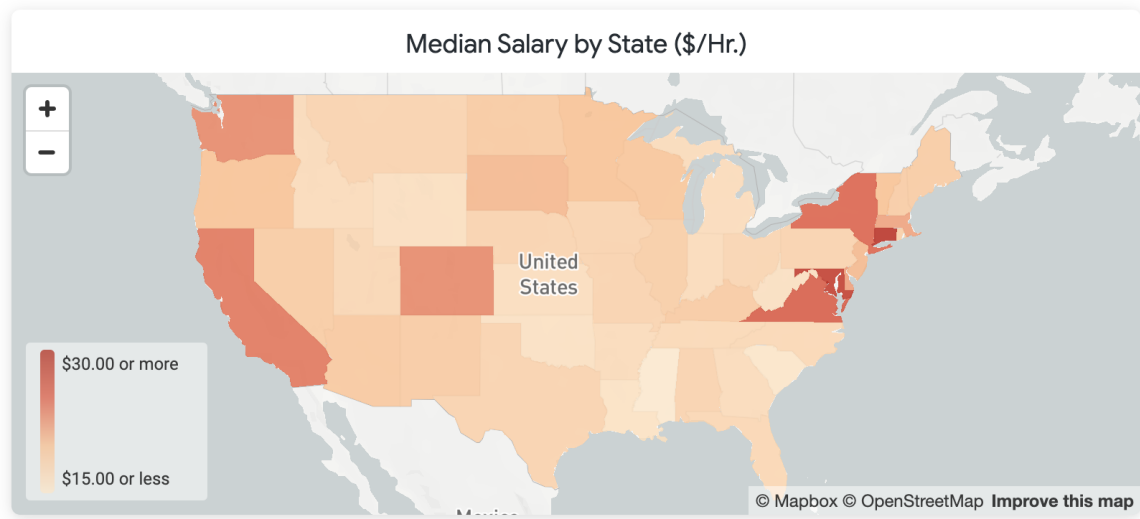| Category	Salary Midpoint 50th ⌄
Architects, Surveyors, and Cartographers	$104,988
Engineers	$103,490
Social Scientists and Related Workers	$100,485
Construction Trades Workers	$99,996
Mathematical Science Occupations	$92,539
Operations Specialties Managers	$89,991
Healthcare Diagnosing or Treating Practitioners	$87,724
Advertising, Marketing, Promotions, Public Relations, and Sales Managers	$82,493
Other Management Occupations	$76,492
Financial Specialists	$73,445

Highest Paying Job Titles - Statewide

	Job Title	Salary Midpoint 50th	Numbers of Vacancies
1	Gastroenterologist	$499,990	30
2	Radiologist	$424,986	86
3	Vascular Surgeon	$395,699	27
4	Neurologist	$299,998	40
5	Vice President Business Development	$292,250	23
6	Dentist	$274,997	733
7	Psychiatrist	$267,498	476
8	Veterinary Surgeon	$258,991	22
9	Pediatric Neurologist	$257,494	26
10	Physician / Doctor, Internal Medicine	$245,190	1,189
11	Pediatric Cardiology	$218,993	103
12	Director of Engineering	$216,996	50
13	Director of Product Management	$213,387	26
14	Vice President Finance	$212,659	36
15	Chief Technology Officer	$199,992	21
16	Project Management Director	$199,992	27
17	Assistant General Counsel	$199,982	28
18	President	$199,982	44
19	Vice President	$197,038	660
20	Nurse Anesthetist	$189,498	36
21	Principal Systems Engineer	$189,311	426
22	Staff Scientist	$187,741	24
23	Tax Director	$187,491	28
24	Chief Engineer	$184,995	136
25	Principal Product Manager	$184,288	37

Biggest Median Salary Increases by Job Title

Change in Median Salary from January

Median Salary by State ($/Hr.)

$30.00 or more

$15.00 or less

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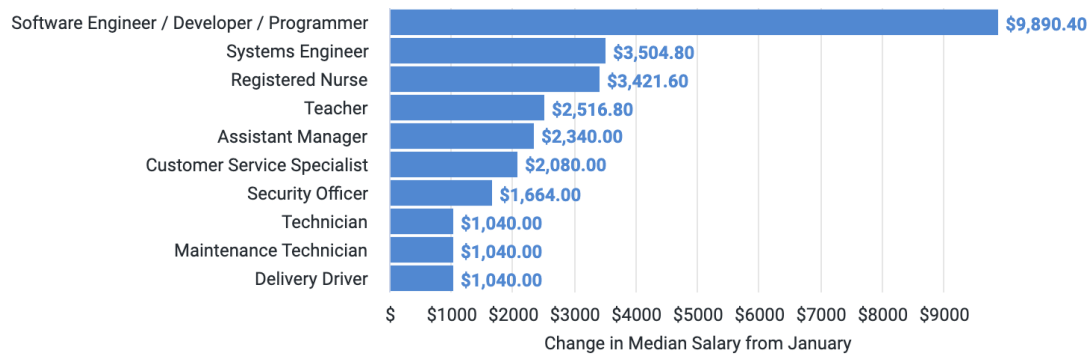
Colorado Ranking: #11th Highest Median Salary ($/Yr.)

	State	Median Full-time Salary	Median Part-time Salary		State	Median Full-time Salary	Median Part-time Salary		State	Median Full-time Salary	Median Part-time Salary
1.	DC	$79,986	$18.00	18.	MT	$49,920	$16.22	35.	ME	$44,252	$17.00
2.	NY	$72,738	$17.29	19.	PA	$49,494	$15.50	36.	HI	$43,680	$15.25
3.	CT	$68,994	$17.00	20.	AL	$47,549	$14.00	37.	NE	$43,680	$17.22
4.	CA	$67,600	$18.00	21.	AZ	$47,341	$16.00	38.	UT	$43,181	$15.00
5.	DE	$66,560	$16.00	22.	ND	$47,320	$17.75	39.	FL	$42,640	$18.00
6.	WA	$65,302	$19.34	23.	SD	$46,800	$17.00	40.	VT	$42,640	$15.00
7.	MD	$62,400	$16.15	24.	TX	$46,800	$19.38	41.	TN	$42,307	$14.60
8.	NJ	$62,400	$17.00	25.	RI	$46,800	$14.17	42.	MS	$42,058	$12.22
9.	AK	$61,225	$18.50	26.	WI	$46,540	$17.00	43.	MI	$41,943	$15.00
10	VA	$59,987	$16.00	27.	IL	$46,280	$16.00	44.	KS	$41,600	$14.00
11.	CO	$57,990	$17.00	28.	AR	$45,947	$14.00	45.	WV	$41,600	$13.80
12.	MA	$57,210	$18.00	29.	IA	$45,760	$15.45	46.	ID	$41,600	$13.00
13.	WY	$53,986	$14.00	30.	OH	$45,760	$14.50	47.	LA	$41,600	$15.00
14.	OR	$52,000	$18.00	31.	NC	$44,990	$15.00	48.	GA	$41,600	$15.50
15.	NM	$51,376	$15.00	32.	MO	$44,866	$15.15	49.	OK	$40,040	$13.25
16.	MN	$50,242	$18.00	33.	KY	$44,720	$14.00	50.	IN	$39,998	$15.00
17.	NV	$49,993	$15.09	34.	NH	$44,720	$17.00	51.	SC	$38,771	$13.39

*values calculated using all salary data from Q1 2023

Vacancies by State (Quarterly Avg.)
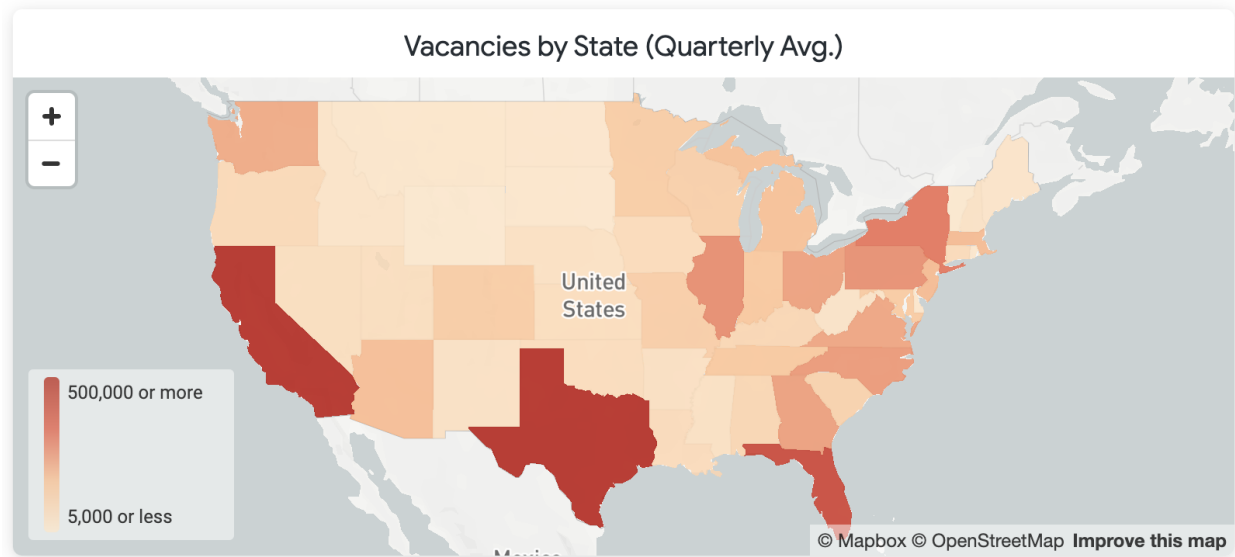
Colorado Ranking: #19 Highest Number of Avg. Job Vacancies and #9 Highest Number of Avg. Vacancies Per 1,000 People

	State	Avg. Number of Vacancies	Vacancies per 1,000 People		State	Avg. Number of Vacancies	Vacancies per 1,000 People		State	Avg. Number of Vacancies	Vacancies per 1,000 People
1.	CA	536,222	13.7	18.	MD	123,811	20.1	35.	MS	38,249	13
2.	TX	495,951	16.8	19.	CO	117,636	20.2	36.	NE	37,500	19.1
3.	FL	355,263	16.3	20.	MN	116,811	20.5	37.	NM	36,939	17.5
4.	NY	263,023	13.3	21.	MO	111,397	18.1	38.	NH	32,975	23.7
5.	IL	232,297	18.3	22.	WI	105,833	18	39.	DC	28,596	42.7
6.	PA	224,518	17.3	23.	SC	97,820	18.8	40.	WV	26,391	14.8
7.	NC	205,135	19.4	24.	AL	80,097	15.9	41.	ID	26,318	13.8
8.	GA	202,179	18.7	25.	KY	76,004	16.9	42.	ME	25,878	18.9
9.	OH	198,602	16.9	26.	OR	69,710	16.4	43.	DE	20,066	20
10	VA	191,421	22.1	27.	CT	65,748	18.2	44.	HI	19,907	13.8
11.	NJ	161,418	17.4	28.	IA	63,262	19.8	45.	ND	18,804	24.3
12.	WA	161,184	20.8	29.	LA	62,984	13.6	46.	MT	17,917	16.2
13.	MA	160,823	23	30.	OK	58,312	14.6	47.	SD	16,455	18.4
14.	MI	152,628	15.2	31.	KS	55,016	18.7	48.	RI	16,451	15
15.	IN	128,929	18.9	32.	UT	49,861	14.9	49.	AK	15,758	21.5
16.	AZ	128,161	17.6	33.	NV	49,403	15.7	50.	VT	11,198	17.3
17.	TN	126,329	18.1	34.	AR	40,846	13.5	51.	WY	9,955	17.2

*averages calculated using weekly totals from Q1 2023

Conclusion

About Aspen Tech Labs

Aspen Tech Labs is a global leader in web data management services and recruitment technology founded in 2008. The company is headquartered in Aspen, Colorado with teams throughout the U.S. and Europe. ATL provides web scraping, business intelligence, and data/analytics services for a wide variety of industries. ATL's teams are constantly working to increase the number of companies and jobs in the database and to improve the quality and extraction of additional data.

This report is a high-level demonstration of ATL's Job Market Pulse, a powerful, real-time competitive tool to assist ATL customers in staying in front of the challenging labor market. Subscribers have access to more specific details of each job in the database. Please contact Gabby Schulte at gabby.s@aspentechlabs.com for feedback on the data in this report or to learn more about ATL's services.

About the Colorado Chamber of Commerce

The Colorado Chamber of Commerce is a unifying voice for business and champions a healthy economic climate to secure Colorado's future. The core of the Chamber's work is leading Colorado to be a preferred place, nationally and internationally, where dynamic business leaders choose to invest and innovate, creating opportunities and prosperity for all Coloradans. It is the only business association that works to improve the economic climate for all sizes of business from a statewide, multi-industry perspective. It was created in 1965 based on a merger with the Colorado Manufacturers' Association.

To explore membership with the Colorado Chamber, please contact Dave Tabor at dtabor@cochamber.com. For media inquiries about the Colorado Chamber or the key insights from this report, please contact Cynthia Meyer at cmeyer@cochamber.com.

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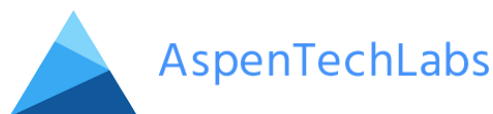600 E. Hopkins, Suite 303
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