



# Workforce Availability Report

## Aerospace and Cybersecurity Occupations



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# Aerospace Occupations

SOC Code	Occupation Title	Empl, Place of Work 2022Q2	Mean Wages, Annual	Location Quotient 2022Q2	Empl, # Change 2017Q2 to 2022Q2	Empl, Ann % Change 2017Q2 to 2022Q2	Empl, # Change 2022Q2 to 2023Q2	Empl, Ann % Change 2022Q2 to 2023Q2	Total Demand 2022Q2 to 2023Q2	Exits 2022Q2 to 2023Q2	Transfers 2022Q2 to 2023Q2
13-1000	Business Operations Specialists	2,724	\$67,200	0.89	646	5.6%	26	1.0%	264	73	165
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	110	\$57,500	0.76	9	1.8%	0	-0.3%	11	3	8
15-1252	Software Developers	435	\$104,300	0.55	222	15.4%	7	1.7%	41	11	23
17-2010	Aerospace Engineers	21	\$116,600	0.81	2	1.7%	0	1.4%	1	0	1
17-2072	Electronics Engineers, Except Computer	44	\$97,700	0.91	-9	-3.7%	0	0.5%	3	1	2
17-2112	Industrial Engineers	64	\$86,200	0.47	10	3.3%	1	1.2%	5	1	3
17-2140	Mechanical Engineers	88	\$81,600	0.67	9	2.2%	1	0.7%	6	2	4
17-3021	Aerospace Engineering and Operations Technologists and Technicians	2	\$82,500	0.40	0	0.9%	0	1.3%	0	0	0
49-3010	Aircraft Mechanics and Service Technicians	112	\$67,600	1.80	21	4.2%	2	1.9%	12	3	6
51-2092	Team Assemblers	299	\$35,600	0.57	6	0.4%	-4	-1.3%	30	12	22
51-4040	Machinists	121	\$47,300	0.78	1	0.2%	1	0.8%	14	4	8
51-9060	Inspectors, Testers, Sorters, Samplers, and Weighers	141	\$44,200	0.55	12	1.8%	-2	-1.1%	14	5	11
	<b>Total</b>	<b>4,161</b>									

## Wage Comparison in Aerospace Occupations

Occupation Title	Mesa County	USA	Difference
Business Operations Specialists	\$67,200	\$81,000	(\$13,800)
Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$57,500	\$72,500	(\$15,000)
Software Developers	\$104,300	\$121,000	(\$16,700)
Aerospace Engineers	\$116,600	\$123,000	(\$6,400)
Electronics Engineers, Except Computer	\$97,700	\$115,500	(\$17,800)
Industrial Engineers	\$86,200	\$95,200	(\$9,000)
Mechanical Engineers	\$81,600	\$97,000	(\$15,400)
Aerospace Engineering and Operations Technologists and Technicians	\$82,500	\$73,500	\$9,000
Aircraft Mechanics and Service Technicians	\$67,600	\$69,500	(\$1,900)
Team Assemblers	\$35,600	\$37,800	(\$2,200)
Machinists	\$47,300	\$49,000	(\$1,700)
Inspectors, Testers, Sorters, Samplers, and Weighers	\$44,200	\$44,800	(\$600)

# Cybersecurity Occupations

SOC Code	Occupation Title	Empl, Place of Work 2022Q2	Mean Wages, Annual	Location Quotient 2022Q2	Empl, # Change 2017Q2 to 2022Q2	Empl, Ann % Change 2017Q2 to 2022Q2	Empl, # Change 2022Q2 to 2023Q2	Empl, Ann % Change 2022Q2 to 2023Q2	Total Demand 2022Q2 to 2023Q2	Exits 2022Q2 to 2023Q2	Transfers 2022Q2 to 2023Q2
15-1211	Computer Systems Analysts	134	\$88,900	0.6	2	0%	1	0%	9.9	3	7
15-1212	Information Security Analysts	46	\$85,000	0.6	8	4%	1	3%	4.7	1	3
15-1231	Computer Network Support Specialists	42	\$60,100	0.5	1	1%	0	1%	3.4	1	2
15-1242	Database Administrators	33	\$81,900	0.7	14	12%	0	1%	2.6	1	2
15-1243	Database Architects	19	\$111,000	0.7	9	14%	0	1%	1.6	0	1
15-1244	Network and Computer Systems Administrators	141	\$78,700	1.0	-4	0%	1	0%	9.7	2	7
15-1250	Software and Web Developers, Programmers, and Testers	584	\$97,200	0.5	263	13%	9	2%	52.8	14	30
15-1251	Computer Programmers	28	\$83,200	0.4	-19	-10%	0	-1%	1.4	1	1
15-1252	Software Developers	435	\$104,300	0.6	222	15%	7	2%	40.7	11	23
	<b>Total</b>	<b>1,461</b>									

## Wage Comparison in Aerospace Occupations

Occupation Title	Mesa County	USA	Difference
Computer Systems Analysts	\$88,900	\$102,200	(\$13,300)
Information Security Analysts	\$85,000	\$113,300	(\$28,300)
Computer Network Support Specialists	\$60,100	\$71,400	(\$11,300)
Database Administrators	\$81,900	\$96,600	(\$14,700)
Database Architects	\$111,000	\$121,800	(\$10,800)
Network and Computer Systems Administrators	\$78,700	\$91,300	(\$12,600)
Software and Web Developers, Programmers, and Testers	\$97,200	\$114,000	(\$16,800)
Computer Programmers	\$83,200	\$96,700	(\$13,500)
Software Developers	\$104,300	\$121,000	(\$16,700)

# Mesa County: A Certified Work Ready Community



## Local Employers Supporting

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NCRC Levels	NCRC's Earned: over the last two years
<b>Platinum</b> 99% of 22K+ profiled jobs	<b>586</b>
<b>Gold</b> 93% of 22K+ profiled jobs	<b>1,710</b>
<b>Silver</b> 69% of 22K+ profiled jobs	<b>3,793</b>
<b>Bronze</b> 17% of 22K+ profiled jobs	<b>2,223</b>
<b>Total</b>	<b>8,312</b>

Mesa County is the only certified Work Ready Community in the state of Colorado. Mesa County utilizes the National Career Readiness Certificate (NCRC) to objectively map the skill level of our workforce. The NCRC is an evidence based, nationally recognized, work ready assessment. The NCRC directly correlates with the over 22,000 jobs in the ACT job database. Matching foundational skill levels with the NCRC test score.

- **Mesa County:** Has 73% of its test takers achieve silver level score or higher.
- **Mesa County:** Has 27% of its test takers achieve gold level score or higher.
- *The workforce in Mesa County has the essential skills to do at a minimum 69% of the over 22,000 jobs profiled in the ACT Job Database*
- *The workforce in Mesa County tests out at **13%** higher than the national average in the NCRC (2017)*

NCRC Overview: [https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/ncrc.html?\\_ga=2.44959011.628875217.1565285759-198847808.1555450557](https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/ncrc.html?_ga=2.44959011.628875217.1565285759-198847808.1555450557)

Work Ready Community Overview: [www.workreadycommunities.org](http://www.workreadycommunities.org)

# Data Notes

- Current occupation employment is as of 2022Q2 and represents average employment over the four quarters ending with that date. Employment values before that date are historical and employment figures after that date are projections.
- Forecast employment growth uses national projections from the Bureau of Labor Statistics, forecasts for 2018-2028, adapted for regional growth patterns by Chmura.
- Regions for total occupation employment data (including current, historical, and forecast) are by place of work unless noted otherwise. Regions for employment broken out by demographics (age, educational attainment, gender, race, and ethnicity) are by place of residence.
- Occupation unemployment figures are imputed by Chmura and represent the average for the four quarters ending 2022Q2. Regions for occupation unemployment represent the place of residence.
- Wages by occupation are as of 2021 provided by the Bureau of Labor Statistics and imputed by Chmura where necessary. COL-adjusted wages are adjusted to the USA base, utilizing the Cost of Living data from C2ER, data as of 2022Q1, imputed by Chmura where necessary.
- Education and training requirements represent typical requirements for occupations as designated by the Bureau of Labor Statistics.
- Occupation underemployment figures are imputed by Chmura and represent the average for the four quarters ending 2022Q2. Regions for occupation underemployment represent the place of work.
- Occupation gaps represent the projected average annual supply gaps over ten years from a start date of 2022Q2. A negative number indicates of potential supply deficit and a positive number indicates a potential supply surplus.
- Any dash or blank entry indicates that those data are not available.