

Surveying and Mapping Technicians (17-3031)

Occupation description: Perform surveying and mapping duties, usually under the direction of an engineer, surveyor, cartographer, or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining, or other purposes. May calculate mapmaking information and create maps from source data, such as surveying notes, aerial photography, satellite data, or other maps to show topographical features, political boundaries, and other features. May verify accuracy and completeness of maps. Excludes Surveyors (17-1022), Cartographers and Photogrammetrists (17-1021), and Geoscientists, Except Hydrologists and Geographers (19-2042).

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	188	194	3.2	6	14	21
United States	60,200	66,600	10.6	2,100	4,500	7,240

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	23.32	13.66	16.81	21.64	28.40	36.15
Alaska	33.68	24.02	26.44	29.78	36.21	51.13
Anchorage/Mat-Su Area	30.09	21.19	25.92	29.34	34.44	39.21
Fairbanks North Star Borough	*	*	25.92	*	34.44	*
Balance of State	*	*	25.92	*	34.44	*

* indicates the estimate is not available, or the hourly wage is greater than \$100, or the annual wage is greater than \$208,000.

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
229	52	22.7	33.9	21.7

2016 Potential Supply

Qualified but working in another occupation	49
Currently employed in a lower paid occupation	13
UI claimants previously working in occupation	28

2016 ALEXsys Employment Data

Number of registrants	184
Number of job position postings	22
Ratio of registrants to job position postings	8.4

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: High school diploma or equivalent

Work experience: None

On-the-job training: Moderate-term on-the-job training

Training Resources

Degree

Alaska Teamster-Employer Service Training Trust (Anchorage)

[Surveyor Assistant, Instruments Apprenticeship](#)

Department of Labor and Workforce Development, Research and Analysis Section
P.O. Box 115501
Juneau, Alaska 99811-5501
Phone: 907.465.4500, Fax: 907.523.9654
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