

Geoscientists, Except Hydrologists and Geographers (19-2042)

Occupation description: Study the composition, structure, and other physical aspects of the Earth. May use geological, physics, and mathematics knowledge in exploration for oil, gas, minerals, or underground water; or in waste disposal, land reclamation, or other environmental problems. May study the Earth's internal composition, atmospheres, oceans, and its magnetic, electrical, and gravitational forces. Includes mineralogists, crystallographers, paleontologists, stratigraphers, geodesists, and seismologists.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	358	360	0.6	8	25	33
United States	32,000	36,500	14.0	700	2,400	3,550

Job outlook

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

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	52.09	24.52	31.34	44.25	62.92	90.34
Alaska	49.10	28.41	35.01	46.32	60.52	76.19
Anchorage/Mat-Su Area	52.55	28.75	37.58	50.89	66.00	78.72
Fairbanks North Star Borough	39.86	24.75	30.76	37.56	45.93	58.84
Balance of State	48.97	30.26	35.42	45.39	61.53	78.15

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
354	99	28.0	47.1	39.6

2016 Potential Supply

Qualified but working in another occupation	174
Currently employed in a lower paid occupation	96
UI claimants previously working in occupation	38

2016 ALEXsys Employment Data

Number of registrants	119
Number of job position postings	19
Ratio of registrants to job position postings	6.3

Alaska Licensing Information

Geologist – [View licensing requirements and number licensed](#)

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

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

Alaska Petroleum Academy (Kenai)		Degree
Cook Inlet Training Standards/24 Hour Hazwoper		
Cook Inlet Training Standards/Hazwoper Refresher (8 Hours)		
Petroleum Chemical Health and Safety (16 Hours)		
Petroleum Chemical Health and Safety Refresher (8 Hours)		

Alaska Teamster-Employer Service Training Trust (Anchorage)		Degree
North Slope Training Cooperative		

Alaska West Training Center (Fairbanks)		Degree
Hydrogen Sulfide - H2S		
Petroleum Technician - ER06		
Petroleum Workers Safety and Health - S05		
Unescorted Module - NSTC01		
Unescorted Module Update/Refresher - NSTC02		

Beacon Occupational Health and Safety Services (Anchorage)		Degree
Cook Inlet Training Standards & Industrial Safety (CITS)		Certificate
North Slope Training Cooperative (NSTC), Optional H2S/FES		Certificate

Environmental Management Inc (Anchorage)		Degree
NSTC 6 PACK + H2S Module		Certificate

Iisagvik College (Barrow)		Degree
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Industrial Safety, Level 1	Endorsement
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Degree	
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LTR Training Systems, Inc. (Anchorage)

Fall Protection - Basic/Authorized	
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Fall Protection -Tower Climbing & Rescue	
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Degree	
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Northern Industrial Training (Palmer)

Energy Isolation - Lockout/Tag out/018	
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NSTC ASH Update / 003	
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NSTC Confined Space Entry / 004	
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NSTC Energy Isolation / 005	
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NSTC Fall Protection / 006	
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NSTC Hydrogen Sulfide (H2S) Module/002	
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NSTC Respiratory Protection /007	
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NSTC Unescorted/001	
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PEC Premier Basic Orientation / 051	
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PEC Premier Core Compliance / 052	
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Degree	
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University of Alaska Anchorage (Anchorage)

Geological Science	BS
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Geomatics	AAS
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Geomatics	BS
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Degree	
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University of Alaska Fairbanks (Fairbanks)

Earth Science	BA
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Geology	MS
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Geology	PHD
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Geophysics	MS
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Geophysics	PHD
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Geoscience	BS
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Oceanography	MS
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Oceanography	PHD
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Degree	
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University of Alaska Southeast, Juneau (Juneau)

Marine Technology	AAS
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Marine Technology	CT2
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	Degree
University of Alaska, Mining and Petroleum Training Service (Soldotna)	
North Slope Training Consortium (NTSC)	

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