

Environmental Scientists and Specialists, Including Health (19-2041)

Occupation description: Conduct research or perform investigation for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population. Using knowledge of various scientific disciplines, may collect, synthesize, study, report, and recommend action based on data derived from measurements or observations of air, food, soil, water, and other sources. Excludes Zoologists and Wildlife Biologists (19-1023), Conservation Scientists (19-1031), Forest and Conservation Technicians (19-4093), Fish and Game Wardens (33-3031), and Forest and Conservation Workers (45-4011).

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	634	645	1.7	14	44	59
United States	89,500	99,400	11.1	2,000	6,500	9,490

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	37.47	20.58	26.01	34.31	45.74	59.98
Alaska	39.32	25.64	30.46	37.56	46.42	57.56
Anchorage/Mat-Su Area	39.75	25.59	29.86	36.95	46.98	60.52
Fairbanks North Star Borough	39.26	28.19	31.81	38.76	45.18	54.26
Balance of State	38.58	23.65	31.35	37.68	45.46	51.56

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
724	69	9.5	39.5	27.6

2016 Potential Supply

Qualified but working in another occupation	132
Currently employed in a lower paid occupation	58
UI claimants previously working in occupation	47

2016 ALEXsys Employment Data

Number of registrants	236
Number of job position postings	40

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

Degree

Alaska Pacific University (Anchorage)

Environmental Public Health	BS
Environmental Science	MS
Sustainability Studies	BA

Degree

Alaska Petroleum Academy (Kenai)

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)	

Degree

Alaska Teamster-Employer Service Training Trust (Anchorage)

North Slope Training Cooperative	
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Degree

Alaska West Training Center (Fairbanks)

Hydrogen Sulfide - H2S	
Petroleum Technician - ER06	
Petroleum Workers Safety and Health - S05	
Unescorted Module - NSTC01	
Unescorted Module Update/Refresher - NSTC02	

Degree

Beacon Occupational Health and Safety Services (Anchorage)

Cook Inlet Training Standards & Industrial Safety (CITS)	Certificate
North Slope Training Cooperative (NSTC), Optional H2S/FES	Certificate

Degree

Environmental Management Inc (Anchorage)

NSTC 6 PACK + H2S Module	Certificate
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Degree	
Iisagvik College (Barrow)	
Industrial Safety, Level 1	Endorsement

Degree	
LTR Training Systems, Inc. (Anchorage)	
Fall Protection - Basic/Authorized	
Fall Protection -Tower Climbing & Rescue	

Degree	
Northern Industrial Training (Palmer)	
Energy Isolation - Lockout/Tag out/018	
Lead Abatement Supervisor / 059	
Lead Abatement Worker Initial / 069	
Lead Inspector Refresher / 061	
Lead Risk Assessor Refresher / 062	
NSTC ASH Update / 003	
NSTC Confined Space Entry / 004	
NSTC Energy Isolation / 005	
NSTC Fall Protection / 006	
NSTC Hydrogen Sulfide (H2S) Module/002	
NSTC Respiratory Protection /007	
NSTC Unescorted/001	
PEC Premier Basic Orientation / 051	
PEC Premier Core Compliance / 052	

Degree	
University of Alaska Anchorage (Anchorage)	
Applied Environmental Science & Technology	MS
Environmental Quality Science	MS

Degree	
University of Alaska Fairbanks (Fairbanks)	
Environmental Chemistry	PHD
Environmental Quality Science	MS

Degree	
University of Alaska Fairbanks, Bristol Bay (Dillingham)	
Environmental Studies	CT2

University of Alaska Fairbanks, CTC (Fairbanks)	
Safety, Health & Environment Awareness Technician	CT2

University of Alaska Southeast, Juneau (Juneau)	
Environmental Science	BS
Environmental Studies	BA
Marine Technology	AAS
Marine Technology	CT2

University of Alaska, Mining and Petroleum Training Service (Soldotna)	
North Slope Training Consortium (NTSC)	

Wayland Baptist University (Anchorage)	
Environmental Studies	BAS

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