Computer and Information Systems Managers (11-3021)

Gasline phases: Phase 1, Phase 2, Phase 3, Preconstruction and construction

Occupation description: Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming. Excludes "Computer Occupations" (15-1111 through 15-1199).

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	580	644	11.0	6	14	20
United States	307,900	363,700	18.1	5,580	4,700	10,280

Job outlook

Alaska: Alaska's employment growth is moderate with high employment opportunities. Read more.

2012 Wages

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	62.08	n/a	36.03	58.15	(1)
Alaska	49.06	50.89	52.72	36.96	50.67	66.88
Anchorage/Mat-Su Area (MSA)	48.40	50.73	53.06	36.10	50.67	67.32
Fairbanks North Star Borough (MSA)	46.05	53.05	60.05	37.11	50.82	69.63
Southeast Region	47.29	49.99	52.69	38.96	49.80	61.64
Balance of State	46.88	50.09	53.30	36.21	50.21	68.65

(1) indicates an hourly wage greater than $90, or an annual wage greater than $187,200.

Labor Force Indicators

2011 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
554	39	7.0	61.1	43.4

2011 Potential Supply

Qualified but working in another occupation	73
Currently employed in a lower paid occupation	49
UI claimants previously working in occupation	17

2011 ALEXsys Employment Data

Number of registrants	426
Number of job position postings	128
Ratio of registrants to job position postings	3.3

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

Education: Bachelor's degree

Work experience: More than 5 years

On-the-job training: None

Training Resources

	Degree	FY2008–2010 reported exiters
Alaska Computer Essentials		
Microsoft Certified IT Professional	Certificate	0

	Degree	FY2008–2010 reported exiters
Alaska Technical Center		
Hardware/Software		0

	Degree	FY2008–2010 reported exiters
Alaska's Institute of Technology		
Information Technology	Certificate	59

	Degree	FY2008–2010 reported exiters
Charter College, Anchorage		
Business Management and Technology	BS	0
Computer Science: Network Security Concentration	AAS	0
Information Technology Engineering	BS	0
MS Exchange Server		0
MS Server Active Directory Infrastructure		0
MS SharePoint		0
Network Security	Certificate	0
Network Technology	Certificate	0
Security +		0
Server +		0

	Degree	FY2008–2010 reported exiters
Galena Interior Learning Academy		

Computer Science		0

	Degree	FY2008–2010 reported exiters
Ilisagvik College		
IC3 – Internet and Computing Core Certification	Certificate	0

	Degree	FY2008–2010 reported exiters
New Frontier Vocational -Technical Center		
Computer Literacy		0

	Degree	FY2008–2010 reported exiters
SMD Adult Education and Tutoring Services		
Basic PC Computer Training		0

	Degree	FY2008–2010 reported exiters
University of Alaska Anchorage		
Computer Info Office Systems	AAS	0
Computer Science	BA	0
Computer Science	BS	0
Global Supply Chain Mgmt	MS	0
Management Information Systems	BBA	0
Office Technology	CT1	0

	Degree	FY2008–2010 reported exiters
University of Alaska Anchorage, Kenai		
Computer Info Office Systems	AAS	0
Office Technology	CT1	0

	Degree	FY2008–2010 reported exiters
University of Alaska Anchorage, Kodiak		
Computer Info Office Systems	AAS	0

	Degree	FY2008–2010 reported exiters
University of Alaska Anchorage, Mat-Su		
Computer Info Office Systems	AAS	0
Office Technology	CT1	0

	Degree	FY2008–2010 reported exiters
University of Alaska Anchorage, Prince William Sound		
Computer Info Office Systems	AAS	0
Computer Info Office Systems	CT2	0
Computer Info Office Systems	OEC	0

	Degree	FY2008–2010 reported exiters
University of Alaska Fairbanks		
Computer Science	BS	0
Computer Science	MS	0

	Degree	FY2008–2010 reported exiters
University of Alaska Fairbanks, Interior-Aleutians		
Rural Utilities Business Mgmt.	OEC	0

	Degree	FY2008–2010 reported exiters
University of Alaska Southeast, Juneau		
Computer Info Office Systems	AAS	0
Computer Info Office Systems	CT2	0
Computer Information Systems	BS	0
Information Systems	BS	0

	Degree	FY2008–2010 reported exiters
University of Alaska Southeast, Ketchikan		
Computer Info Office Systems	AAS	0
Computer Info Office Systems	CT2	0
Information Systems	AAS	0

	Degree	FY2008–2010 reported exiters
University of Alaska Southeast, Sitka		
Business Info Systems Support	CT2	0
Computer Info Office Systems	AAS	0
Computer Info Office Systems	CT2	0

	Degree	FY2008–2010 reported exiters

WinCertification

IC3 Computer Fundamentals Certification (IC3)		0

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