

ACCOUNTING AND FINANCIAL MANAGEMENT (197A-04)

Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics
Design/ Permit/ Open Season Phases	Percent nonresident Workers	Growth Rate (Percent)	Projected Employment (2018)	
	Number of nonresident Workers	Projected Employment (2018)	Estimated Employment (2008)	
	Total Number of Workers	Estimated Employment (2008)		
	Operations			
	Preconstruction and Construction			
Road and Bridge - Phase 1 through Operations	Phase 3			
	Phase 2			
	Phase 1			

ACTUARIAL SCIENCE (108B-06)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators						
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009) ⁴		Potential Supply (2008) ⁵		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics		
❖	n/a	n/a	n/a	n/a	STOJT MTOJT LTOJT WkExp VOC AA BA BA+	0 0 0 0 0 0 0 1	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ³	ALEXsys Employment Data (2009) ⁴	Potential Supply (2008) ⁵	Alaska Employment Projections (2008-2018) ³	Worker Demographics (2009) ⁹	Occupation Characteristics	Training ¹¹	Average Hourly Wage (May 2009) ¹⁰	
❖	n/a	n/a	n/a	n/a												Percent Workers Age 50+	Percent Workers Age 45+
❖																	
❖																	
❖																	
Actuaries																	

Source: AKDOLWD, Research and Analysis Section, February 2011.

Shading indicates a gasline occupation.

An asterisk (*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.

AERONAUTICAL/ASTRONAUTICAL ENGINEERING (014A-15)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics	
Percent nonresident Workers				Growth Rate (Percent)			
Number of nonresident Workers				Projected Employment (2018)			
Total Number of Workers				Estimated Employment (2008)			
Road and Bridge - Phase 1	Phase 1	Operations	Preconstruction and Construction				

AEROSPACE TECHNOLOGY (028A-16)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)		Occupation Characteristics
		Projected Employment (2018)	Estimated Employment (2008)	
Phase 1				

Estimated Demand
(2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Alaska Employment
Projections
(2008-2018)

Projected Employment (2018)
Estimated Employment
(2008)

Occupation
Characteristics

Occupation
Characteristics

AGRICULTURAL MECHANICS AND MACHINERY OPERATORS (052B-16)

Alaska Employment

Occupation
Characteristics

AGRICULTURAL SERVICES AND SUPPLIES (117B-01)

Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics
Percent nonresident Workers		Growth Rate (Percent)		
Number of nonresident Workers		Projected Employment (2018)		
Total Number of Workers		Estimated Employment (2008)		
Design/ Permit/ Open Season Phases	Operations			
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations			
	Phase 3			
	Phase 2			
	Phase 1			

AGRICULTURAL/FOOD SCIENCES (120B-01)

Industry Sector	Industry Type	Industry Description	Statewide Labor Force Indicators		Occupation Characteristics
			Average Age (May 2008)	Training	
Very Small	Design/Permit/Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
17.5%	Design/Permit/ Open Season Phases	Estimated Demand (2008-2018)	Potential Supply (2008)	Projected Employment (2018)	Occupation Characteristics
50.0%	AlaskaWorker Data (2009)	Total Annual Openings	Growth Rate (Percent)	Projected Employment (2018)	Training
46.2%	Number of nonresident Workers	Annual Openings due to Replacement	Estimated Employment (2008)	Average Age (May 2008)	Average Age (May 2008)
	Total Number of Workers	Annual Openings due to Growth	UI Claimants previously working in occupation	Percent Workers Age 45+	Percent Workers Age 45+
	Operations	Percent nonresident Workers	Workers currently employed in less skilled occupations	Percent Workers Age 45+	Percent Workers Age 45+
	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Qualified, but working in another occupation	Percent Workers Age 45+	Percent Workers Age 45+
		Phase 3	Ratio of Registrants to Job Position Postings	Percent Workers Age 45+	Percent Workers Age 45+
		Phase 2	Number of Registrants	Percent Workers Age 45+	Percent Workers Age 45+
		Phase 1	Number of Job Position Postings	Percent Workers Age 45+	Percent Workers Age 45+

STOJT	NEC	AA	BA	BA+
0	1 0 220	2 3 0 2200		

AIR CONDITIONING/HEATING INSTALLATION/REPAIR (042A-02)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Number of Job Position Postings	Qualified, but working in another occupation	Projected Employment (2018)
Operations	Phase 2	Phase 2	Total Annual Openings	Ratio of Registrants to Job Position Postings	Estimated Employment (2008)
Road and Bridge - Phase 1 through Operations	Phase 1	Phase 1	Annual Openings due to Replacement	Number of Registrants	UI Claimants previously working in occupation
Operations			Annual Openings due to Growth		Workers currently employed in less skilled occupations
			Percent nonresident Workers		
			Number of nonresident Workers		
			Total Number of Workers		

AIR TRAFFIC CONTROL (093A-16)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators									
	Small					Design/ Permit/ Open Season Phases					AlExsys Employment Data (2009) ²					Alaska Employment Projections (2008-2018) ³				
❖	24.1%	49.0%	32.3%								Alaska Worker Data (2009) ²	Estimated Demand (2008-2018) ⁸	AlExsys Employment Data (2009) ²	Potential Supply (2008) ⁴	Alaska Employment Projections (2008-2018) ³	Worker Demographics (2009) ⁹	Occupation Characteristics	Training ¹¹		
❖																Average Hourly Wage (May 2009) ¹⁰		LTOJT		
❖																Percent Workers Age 50+				
❖																Percent Workers Age 45+				
❖																Growth Rate (Percent)				
❖																Projected Employment (201				
																Estimated Employment (2008)				
																UI Claimants previously working in occupation				
																Workers currently employed in less skilled occupations				
																Qualified, but working in another occupation				
																Ratio of Registrants to Job Position Postings				
																Number of Registrants				
																Number of Job Position Postings ⁴				
																Total Annual Openings				
																8				
																7				
																87				
																12.4				
																27				
																	227			
																10				
																245				
																7.9				
																43.6				
																28.2				
																\$39.47				
																LTOJT				
Air Traffic Controllers																				
Airfield Operations Specialists																				

STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+
0	0	2	0	0	0	0	0

AIRPLANE PILOTING (092A-16)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
					Worker Demographics (2009)
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Occupation Characteristics
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Qualified, but working in another occupation	Growth Rate (Percent)	
	Phase 2	Phase 2	Ratio of Registrants to Job Position Postings	Projected Employment (2018)	
	Phase 1	Phase 1	Number of Registrants	Estimated Employment (2008)	
			Total Annual Openings		
			Annual Openings due to Replacement		
			Annual Openings due to Growth		
			Percent nonresident Workers		
			Number of nonresident Workers		
			Total Number of Workers		
Operations					

ANIMAL BREEDING & TRAINING (118B-01)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Occupation
Characteristics

ARCHITECTURE (009A-02)

Statewide Labor Force Indicators						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
	Annual Openings due to Growth	Percent nonresident Workers	Projected Employment (2018)	Worker Demographics (2009)	Occupation Characteristics	
Preconstruction and Construction	Number of nonresident Workers					
Road and Bridge - Phase 1 through Operations	Total Number of Workers					
Operations						
Phase 3						
Phase 2						
Phase 1						

ARCHIVAL SCIENCE (186A-03)

Unit Summary	Gasline Phases										Statewide Labor Force Indicators					
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009)		Estimated Demand (2008-2018)		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018)		Worker Demographics (2009)		Occupation Characteristics	
Very Small	9.5%	42.7%	36.0%	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Estimated Employment (2008)	UI Claimants previously working in occupation	Growth Rate (Percent)	Average Hourly Wage (May 2009)	
0	0	0	0	0	0	0	0	0	0	0	3	Number of Registrants	Workers currently employed in less skilled occupations	Projected Employment (2018)	Percent Workers Age 50+	
												Number of Job Position Postings	Qualified, but working in another occupation		Percent Workers Age 45+	
												Total Annual Openings	Ratio of Registrants to Job Position Postings			
												Annual Openings due to Replacement				
												Annual Openings due to Growth				
												Percent nonresident Workers				
												Number of nonresident Workers				
												Total Number of Workers				
												Operations				
												Preconstruction and Construction				
												Road and Bridge - Phase 1 through Operations				
												Phase 3				
												Phase 2				
												Phase 1				

ARTS AND CRAFTS (001B-03)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Number of Registrants Number of Job Position Postings	Qualified, but working in another occupation Ratio of Registrants to Job Position Postings	
Road and Bridge - Phase 1 through Operations	Phase 3	Total Number of Workers	Annual Openings due to Replacement	Annual Openings due to Growth	Estimated Employment (2008)
Preconstruction and Construction	Phase 2	Number of nonresident Workers	Percent nonresident Workers	Number of nonresident Workers	Growth Rate (Percent)
Operations	Phase 1	AlaskaWorker Data (2009)	Number of Registrants	Ratio of Registrants to Job Position Postings	Projected Employment (2018)

ATHLETIC TRAINING (159A-09)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

ATMOSPHERIC/SPACE SCIENCE (098A-15)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Number of Registrants Number of Job Position Postings	Qualified, but working in another occupation Ratio of Registrants to Job Position Postings	Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Phase 3	Annual Openings due to Replacement	Total Annual Openings	Growth Rate (Percent)	
Preconstruction and Construction	Phase 2	Annual Openings due to Growth	Annual Openings due to Replacement	Projected Employment (2018)	
Operations	Phase 1	Percent nonresident Workers	Annual Openings due to Growth	Estimated Employment (2008)	Worker Demographics (2009)
		Number of nonresident Workers	Percent nonresident Workers		Occupation Characteristics
		Total Number of Workers	Number of nonresident Workers		

AUTOMOBILE BODY REPAIR (055B-16)

BAKING (231B-06)

Occupation Characteristics

Alaska Employment Projections (2008-2018)	Growth Rate (Percent)
Projected Employment (2018)	Estimated Employment (2008)

Estimated Demand (2008-2018)

Percent nonresident Workers	
Number of nonresident Workers	
Total Number of Workers	
Operations	
Preconstruction and Construction	

Road and Bridge - Phase 1

Design/ Permit/ Open Season Phases	
Phase 1	

BARBERING/COSMETOLOGY (217A-14)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1		Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers	

BARTENDING (228B-09)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics	
Percent nonresident Workers				Growth Rate (Percent)			
Number of nonresident Workers				Projected Employment (2018)			
Total Number of Workers				Estimated Employment (2008)			
Road and Bridge - Phase 1	Phase 1	Operations					
		Preconstruction and Construction					

BIOENGINEERING & BIOMEDICAL ENGINEERING (026A-15)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Growth Rate (Percent)	Projected Employment (2018)
Phase 1	Operations	Estimated Employment (2008)	Projected Employment (2018)
	Preconstruction and Construction	Percent nonresident Workers	Growth Rate (Percent)
		Number of nonresident Workers	Projected Employment (2018)
		Total Number of Workers	Growth Rate (Percent)

Occupation
Characteristics





BUILDING MAINTENANCE (048B-02)

Design/
Permit/ Open
Season
Phases

Phase 1

Estimated Demand
(2008-2018)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Percent nonresident Workers

Number of nonresident Workers

Total Number of Workers

BUSINESS MANAGEMENT AND ADMINISTRATION (192B-04)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics	
Percent nonresident Workers				Growth Rate (Percent)			
Number of nonresident Workers				Projected Employment (2018)			
Total Number of Workers				Estimated Employment (2008)			
Road and Bridge - Phase 1	Phase 1	Operations	Preconstruction and Construction				

CARPENTRY (063A-02)

Statewide Labor Force Indicators					
	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Design/Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)		Growth Rate (Percent)	
			Projected Employment (2018)		
			Estimated Employment (2008)		
				Workers currently employed	19951 0 0 cm 60 0 cnplex skilled 199 occupations
				Qualified, but working in another occupation	
				Ratio of Registrants to Job Position Postings	
				Number of Registrants	
				Number of Job Position Postings	
			Total Annual Openings		
			Annual Openings due to Replacement		
			Annual Openings due to Growth		
			Percent nonresident Workers		
			Number of nonresident Workers		
			Total Number of Workers		
	Operations				
	Preconstruction and Construction				
Road and Bridge - Phase 1 through Operations	Phase 3				
	Phase 2				
	Phase 1				

CHEF (232B-09)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

CHEMICAL ENGINEERING (016A-15)

Statewide Labor Force Indicators						
		ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Growth Rate (Percent)	Percent Workers Age 45+					
Projected Employment (2018)						
Estimated Employment (2008)						
UI Claimants previously working in occupation						
Workers currently employed in less skilled occupations						
Qualified, but working in another occupation						
Ratio of Registrants to Job Position Postings						
Number of Registrants						
Number of Job Position Postings						
Total Annual Openings						
Annual Openings due to Replacement						
Annual Openings due to Growth						
Percent nonresident Workers						
Number of nonresident Workers						
Total Number of Workers						
Operations						
Preconstruction and Construction						
Road and Bridge - Phase 1 through Operations						
Phase 3						
Phase 2						
Phase 1						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)				

CHEMICAL TECHNOLOGY (101A-15)

Unit Summary	Gasline Phases [#]		Statewide Labor Force Indicators													
			Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹	
Small 15.5% 38.6% 25.5%	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ³	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018) ³	Worker Demographics (2009) ⁹	Occupation Characteristics
	0	1	1	0	0	1	0	0								Training ¹¹
																Average Hourly Wage (May 2009) ¹⁰
																Percent Workers Age 50+ Percent Workers Age 45+
																Projected Employment (2011)
																Growth Rate (Percent)
																Projected Employment (2011)
																UI Claimants previously working in occupation
																Workers currently employed in less skilled occupations
																Qualified, but working in another occupation
																Ratio of Registrants to Job Position Postings
																Number of Registrants
																Number of Job Position Postings ⁴
																Total Annual Openings
																Annual Openings due to Replacement
																Annual Openings due to Growth
																Percent nonresident Worker
																Number of nonresident Workers
																Total Number of Workers
																Operations
																Preconstruction and Construction
																Road and Bridge - Phase 1 through Operations
																Phase 3
																Phase 2
																Phase 1

Source: AKDOLWD, Research and Analysis Section, February 2011.

Shading indicates a gasline occupation.

An asterisk (*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.

CHEMISTRY (099A-15)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)		ALEXsys Alaska DE	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
	Percent nonresident Workers	Number of nonresident Workers					
Total Number of Workers							
Operations							
Preconstruction and Construction							
Road and Bridge - Phase 1 through Operations							
Phase 3							
Phase 2							
Phase 1							

CHILD CARE (221B-10)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Growth Rate (Percent)	Projected Employment (2018)
Phase 1	Estimated Demand (2008-2018)	Estimated Employment (2008)	Projected Employment (2018)
Road and Bridge - Phase 1	Operations	Percent nonresident Workers	Growth Rate (Percent)
	Preconstruction and Construction	Number of nonresident Workers	Projected Employment (2018)
		Total Number of Workers	Estimated Employment (2008)

Occupation
Characteristics

CHIROPRACTIC (134A-08)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators							
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics			
Very Small	13.6%	28.8%	18.6%													Training ¹¹		
❖	❖	❖	❖	STOJT MTOJT LTOJT WkExp VOC AA BA BA+	0 0 0 0 0 0 0 1										Average Hourly Wage (May 2009) ¹⁰			
Chiropractors																Percent Workers Age 50+		
															Percent Workers Age 45+			
															Growth Rate (Percent)			
															Projected Employment (201	*		
															Estimated Employment (2008)	*		
															UI Claimants previously working in occupation			
															Workers currently employed in less skilled occupations			
															Qualified, but working in another occupation	4		
															Ratio of Registrants to Job Position Postings			
															Number of Registrants			
															Number of Job Position Postings ⁴			
															Total Annual Openings	*		
															Annual Openings due to Replacement	*		
															Annual Openings due to Growth	*		
															Percent nonresident Worker	13.6		
															Number of nonresident Workers	9		
															Total Number of Workers	66		
															Road and Bridge - Phase 1 through Operations			
															Preconstruction and Construction Operations			
															Phase 3			
															Phase 2			
															Phase 1			

Source: AKDOLWD, Research and Analysis Section, February 2011.

Shading indicates a gasline occupation.

An asterisk (*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.

CIVIL ENGINEERING TECHNOLOGY (039B-13)

Estimated Demand (2008-2018)		Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
Percent nonresident Workers				Growth Rate (Percent)	
Number of nonresident Workers			Projected Employment (2018)	Estimated Employment (2008)	

Design/ Permit/ Open Season Phases	Operations
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations
	Phase 3
	Phase 2
	Phase 1

CLERICAL AND ADMINISTRATIVE SUPERVISION (205B-04)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Number of Registrants Number of Job Position Postings	Qualified, but working in another occupation Ratio of Registrants to Job Position Postings	Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Phase 3	Estimated Demand (2008-2018)	Total Annual Openings	Projected Employment (2018)	Growth Rate (Percent)
Preconstruction and Construction	Phase 2	Annual Openings due to Replacement	Annual Openings due to Replacement	Projected Employment (2018)	Projected Employment (2018)
Operations	Phase 1	Annual Openings due to Growth	Annual Openings due to Growth	Estimated Employment (2008)	Estimated Employment (2008)
		Percent nonresident Workers	Percent nonresident Workers	Workers Demographics (2009)	Occupation Characteristics
		Number of nonresident Workers	Number of nonresident Workers		
		Total Number of Workers	Total Number of Workers		

CLOTHING PRODUCTION (079B-13)

Statewide Labor Force Indicators						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
	Annual Openings due to Growth	Percent nonresident Workers	Projected Employment (2018)	Worker Demographics (2009)	Occupation Characteristics	
Preconstruction and Construction	Number of nonresident Workers					Growth Rate (Percent)
Road and Bridge - Phase 1 through Operations	Total Number of Workers					Projected Employment (2018)
Operations						Estimated Employment (2008)
Phase 3						
Phase 2						
Phase 1						

COMMUNICATION ELECTRONICS (036A-16)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Total 018)

COMMUNICATION TECHNOLOGIES (038B-03)

Statewide Labor Force Indicators			
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)
			Potential Supply (2008)
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Average Hourly Wage (May 2009)
		Phase 2	Percent Workers Age 50+
		Phase 1	Percent Workers Age 45+
			Growth Rate (Percent)
			Projected Employment (2018)
			UI Claimants previously working in occupation
			Workers currently employed in less skilled occupations
			Qualified, but working in another occupation
			Ratio of Registrants to Job Position Postings
			Number of Registrants
			Number of Job Position Postings
		Total Annual Openings	
		Annual Openings due to Replacement	
		Annual Openings due to Growth	
		Percent nonresident Workers	
		Number of nonresident Workers	
		Total Number of Workers	
Operations			

COMMUNICATIONS/JOURNALISM/BROADCASTING (187B-03)

Unit Summary		Gasline Phases		Statewide Labor Force Indicators						Occupation Characteristics
				ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Training		
++	Average	Large	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Average Hourly Wage (May 2009)	
			Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Total Number of Workers	Number of nonresident Workers	UI Claimants previously working in occupation	Growth Rate (Percent)	Percent Workers Age 50+	
			Operations	Phase 3	Phase 2	Percent nonresident Workers	Workers currently employed in less skilled occupations	Projected Employment (2018)	Percent Workers Age 45+	
				Phase 2	Phase 1	Qualified, but working in another occupation	Ratio of Registrants to Job Position Postings			
						Number of Registrants				
						Number of Job Position Postings				
						Total Annual Openings				
						Annual Openings due to Replacement				
						Annual Openings due to Growth				

COMMUNITY HEALTH WORK (155B-05)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1		Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers	



COMPUTER/BUSINESS MACHINE PRODUCTION/REPAIR (044A-13)

Unit Summary	Medium		Gasline Phases [#]		Statewide Labor Force Indicators										Occupation Characteristics
					Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ³	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018) ³	Worker Demographics (2009) ⁹				
❖	16.2%	47.3%	1	0	0	0	2	1	0	0	Percent Workers Age 50+	Average Hourly Wage (May 2009) ¹⁰	n/a	n/a	STOJT
❖	29.4%		2	1	0	0	0	0	0	Percent Workers Age 45+	Growth Rate (Percent)	n/a	n/a	n/a	n/a
❖			3	1	0	0	0	0	0	Projected Employment (201	n/a	n/a	n/a	n/a	n/a
❖			4	0	0	0	0	0	0	Estimated Employment (2008)	n/a	n/a	n/a	n/a	n/a
Coil Winders, Tapers, and Finishers			5	0	0	0	0	0	0	UI Claimants previously working in occupation	n/a	n/a	n/a	n/a	n/a
			6	0	0	0	0	0	0	Workers currently employed in less skilled occupations	n/a	n/a	n/a	n/a	n/a
			7	0	0	0	0	0	0	Qualified, but working in another occupation	n/a	n/a	n/a	n/a	n/a
			8	0	0	0	0	0	0	Ratio of Registrants to Job Position Postings	n/a	n/a	n/a	n/a	n/a
			9	0	0	0	0	0	0	Number of Registrants	n/a	n/a	n/a	n/a	n/a
			10	0	0	0	0	0	0	Number of Job Position Postings ⁴	n/a	n/a	n/a	n/a	n/a
			11	0	0	0	0	0	0	Total Annual Openings	n/a	n/a	n/a	n/a	n/a
			12	0	0	0	0	0	0	Annual Openings due to Replacement	n/a	n/a	n/a	n/a	n/a
			13	0	0	0	0	0	0	Annual Openings due to Growth	n/a	n/a	n/a	n/a	n/a
			14	0	0	0	0	0	0	Percent nonresident Worker	n/a	n/a	n/a	n/a	n/a
			15	0	0	0	0	0	0	Number of nonresident Workers	n/a	n/a	n/a	n/a	n/a
			16	0	0	0	0	0	0	Total Number of Workers	n/a	n/a	n/a	n/a	n/a
			17	0	0	0	0	0	0	Operations	172				
			18	0	0	0	0	0	0	Preconstruction and Construction					
			19	0	0	0	0	0	0	Road and Bridge - Phase 1 through Operations					
			20	0	0	0	0	0	0	Phase 3					
			21	0	0	0	0	0	0	Phase 2					
			22	0	0	0	0	0	0	Phase 1					

CONSTRUCTION EQUIPMENT OPERATION (068B-02)

CONSTRUCTION MANAGEMENT (195B-04)

Alaska Employment
Projections

Occupation
Characteristics

COUNSELING (166A-10)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	Occupation Characteristics
Percent nonresident Workers			Growth Rate (Percent)	
Number of nonresident Workers			Projected Employment (2018)	
Total Number of Workers			Estimated Employment (2008)	
Road and Bridge - Phase 1	Phase 1	Operations Preconstruction and Construction		

COURT REPORTING (199A-12)

Design/
Permit/ Open
Season
Phases

Phase 1

Estimated Demand
(2008-2018)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Total Number of Workers

Percent nonresident Workers

DANCE (002B-03)

DATA ENTRY (208B-04)

Unit Summary	Medium	Gasline Phases		Statewide Labor Force Indicators				Occupation Characteristics
		Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	
								Training
								Average Hourly Wage (May 2009)
								Percent Workers Age 50+
								Growth Rate (Percent)
								Projected Employment (2018)
								UI Claimants previously working in occupation
								Workers currently employed in less skilled occupations
								Qualified, but working in another occupation
								Ratio of Registrants to Job Position Postings
								Number of Registrants
								Number of Job Position Postings
								Total Annual Openings
								Annual Openings due to Replacement
								Annual Openings due to Growth
								Percent nonresident Workers
								Number of nonresident Workers
								Total Number of Workers
								Operations
								Preconstruction and Construction
			Road and Bridge - Phase 1 through Operations	Phase 3				Phase 2
				Phase 2				Phase 1
				Phase 1				

DENTAL ASSISTING (156B-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

DENTAL HYGIENE (135A-08)

		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics	
		Design/ Permit/ Open Season Phases		Growth Rate (Percent)	Projected Employment (2018)	Estimated Employment (2008)	
			Percent nonresident Workers				
			Number of nonresident Workers				
		Total Number of Workers					
		Road and Bridge - Phase 1	Operations				
		0 0 0.113951 0 0 0.951 0 0 0.11999199951 0 4 1	Preconstruction and Construction				
		Phase 1					

DENTAL LABORATORY (143B-13)

Statewide Labor Force Indicators						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
	Annual Openings due to Growth	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers	Estimated Employment (2008)	Growth Rate (Percent)
Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1	Operations	Preconstruction and Construction	Projected Employment (2011)
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
						Occupation Characteristics

DENTISTRY (126A-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

DESIGN (007B-03)

Statewide Labor Force Indicators				Occupation Characteristics
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Worker Demographics (2009)
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Estimated Employment (2008)	Growth Rate (Percent)	Percent Workers Age 50+
	Phase 3	UI Claimants previously working in occupation	Projected Employment (2018)	Percent Workers Age 45+
	Phase 2	Workers currently employed in less skilled occupations		
	Phase 1	Qualified, but working in another occupation		
		Ratio of Registrants to Job Position Postings		
		Number of Registrants		
		Number of Job Position Postings		
		Total Annual Openings		
		Annual Openings due to Replacement		
		Annual Openings due to Growth		
		Percent nonresident Workers		
		Number of nonresident Workers		
		Total Number of Workers		
Operations				

DESKTOP PUBLISHING EQUIPMENT OPERATION (073B-03)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)			Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers				
Preconstruction and Construction							
Road and Bridge - Phase 1 through Operations							
Phase 3							
Phase 2							
Phase 1							

DIAGNOSTIC MEDICAL SONOGRAPHY (144A-08)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics
Phase 1				Growth Rate (Percent)		
				Projected Employment (2018)		
				Estimated Employment (2008)		

DIESEL ENGINE REPAIR (056B-16)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators									
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics					
Large 18.1% 46.1% 30.2%	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Number of nonresident Workers	Total Number of Workers	Number of Job Position Postings ⁴	Ratio of Registrants to Job Position Postings	Number of Registrants	Qualified, but working in another occupation	Growth Rate (Percent)	Average Hourly Wage (May 2009) ¹⁰	Training ¹¹			
	0	0	0	0	1	0	0	0		807	146	18.1	6	10	Percent Workers Age 50+	Percent Workers Age 45+	Projected Employment (201	Percent Workers Age 50+		
Bus and Truck Mechanics and Diesel Engine Specialists										Phase 3	Phase 2	Phase 1	Annual Openings due to Replacement	UI Claimants previously working in occupation	Workers currently employed in less skilled occupations					
										Phase 3	Phase 2	Phase 1	Annual Openings due to Replacement	UI Claimants previously working in occupation	Workers currently employed in less skilled occupations					

Source: AKDOLWD, Research and Analysis Section, February 2011.

Shading indicates a gasline occupation.

An asterisk (*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.

DIETETICS/NUTRITION (230A-08)

Design/ Permit/ Open Season Phases
Phase 1

Estimated Demand (2008-2018)	
Percent nonresident Workers	
Number of nonresident Workers	
Total Number of Workers	

Alaska Employment Projections (2008-2018)

Occupation Characteristics

DRAMATIC ARTS (THEATER/FILM) (004B-03)

Alaska Employment

Occupation
Characteristics

ECONOMICS/MARKET RESEARCH (112A-06)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Number of Registrants Number of Job Position Postings	Qualified, but working in another occupation Ratio of Registrants to Job Position Postings	Projected Employment (2018) Estimated Employment (2008)
Road and Bridge - Phase 1 through Operations	Phase 3	Total Number of Workers			Growth Rate (Percent)
Preconstruction and Construction	Phase 2	Number of nonresident Workers			Projected Employment (2018)
Operations	Phase 1	Percent nonresident Workers			Alaska Employment Projections (2008-2018)
					Worker Demographics (2009)
					Occupation Characteristics

EDUCATIONAL ADMINISTRATION (175A-05)

Occupation Characteristics

Alaska Employment Projections (2008-2018)	Growth Rate (Percent)
Projected Employment (2018)	Estimated Employment (2008)

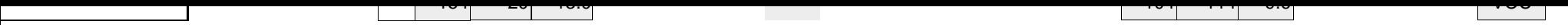
Estimated Demand (2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Road and Bridge - Phase 1 thru Payment (2018)
Preconstruction and Construction
Operations

Design/
Permit/ Open
Season
Phases

Phase 1



ELECTRICAL/ELECTRONIC ENGINEERING (018A-15)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

ELECTRICAL/ELECTRONIC TECHNOLOGY (034A-13)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

ELECTROMECHANICAL EQUIPMENT/INSTRUMENT PROD/REPAIR (041B-13)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Growth Rate (Percent)	Projected Employment (2018)
Phase 1	Estimated Demand (2008-2018)	Estimated Employment (2008)	Occupation Characteristics
	Percent nonresident Workers		
	Number of nonresident Workers		
	Total Number of Workers		
	Operations		

EMERGENCY MEDICAL TECHNOLOGY (139A-08)

ENTERTAINMENT MANAGEMENT (196B-04)

Statewide Labor Force Indicators					
		ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	n/a	Projected Employment (2018)	Growth Rate (Percent)
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Total Annual Openings	Ratio of Registrants to Job Position Postings	Estimated Employment (2008)	Projected Employment (2018)
Operations	Phase 3	Annual Openings due to Replacement	Number of Registrants		
	Phase 2	Annual Openings due to Growth	Total Annual Openings		
	Phase 1	Percent nonresident Workers	Annual Openings due to Replacement		
		Number of nonresident Workers	Annual Openings due to Growth		
		Total Number of Workers	Percent nonresident Workers		



ENVIRONMENTAL TECHNOLOGY (030A-02)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
					Growth Rate (Percent)
Projected Employment (2018)					Projected Employment (2018)
Estimated Employment (2008)					Estimated Employment (2008)
Workers currently employed					Workers currently employed
Qualified, but working in another occupation					Qualified, but working in another occupation
Ratio of Registrants to Job Position Postings					Ratio of Registrants to Job Position Postings
Number of Registrants					Number of Registrants
Total Annual Openings					Total Annual Openings
Annual Openings due to Replacement					Annual Openings due to Replacement
Annual Openings due to Growth					Annual Openings due to Growth
Percent nonresident Workers					Percent nonresident Workers
Number of nonresident Workers					Number of nonresident Workers
Total Number of Workers					Total Number of Workers
Operations					Operations
Preconstruction and Construction					Preconstruction and Construction
Road and Bridge - Phase 1 through Operations					Road and Bridge - Phase 1 through Operations
Phase 3					Phase 3
Phase 2					Phase 2
Phase 1					Phase 1

ENVIRONMENTAL/ENVIRONMENTAL HEALTH ENGINEERING (027A-01)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators					
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009) ⁴		Potential Supply (2008) ⁵		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics	
Medium	16.2%	58.2%	40.5%												Training ¹¹	
❖	❖	❖	❖	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+			Average Hourly Wage (May 2009) ¹⁰		
	0	0	0	0	0	0	0	0	0	2	0			Percent Workers Age 50+		
Environmental Engineers										Projected Employment (2013)	Growth Rate (Percent)					
										Estimated Employment (2008)	UI Claimants previously working in occupation					
										Number of Registrants	Workers currently employed in less skilled occupations					
										Number of Job Position Postings ⁶	Qualified, but working in another occupation					
										Total Annual Openings	Ratio of Registrants to Job Position Postings					
										Annual Openings due to Replacement						
										Annual Openings due to Growth						
										Percent nonresident Workers						
										Number of nonresident Workers						
										Total Number of Workers	269					
										Operations						
										Road and Bridge - Phase 1 through Operations						
										Phase 3						
										Phase 2						
										Phase 1						



FARMING (115B-01)

Unit Summary	Large 21.0% 23.7%	Gasline Phases		Statewide Labor Force Indicators						Occupation Characteristics
		Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)		
STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+			Training
										Average Hourly Wage (May 2009)
										Percent Workers Age 50+ Age 45+
										Growth Rate (Percent)
										Projected Employment (2018)
										UI Claimants previously working in occupation
										Workers currently employed in less skilled occupations
										Qualified, but working in another occupation
										Ratio of Registrants to Job Position Postings
										Number of Registrants
										Number of Job Position Postings
										Total Annual Openings
										Annual Openings due to Replacement
										Annual Openings due to Growth
										Percent nonresident Workers
										Number of nonresident Workers
										Total Number of Workers
										Operations
										Preconstruction and Construction
				Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 2	Phase 1		



FISHING (121B-01)

Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
							Growth Rate (Percent)
Preconstruction and Construction	Number of nonresident Workers						Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Total Number of Workers						
Phase 3							
Phase 2							
Phase 1							

FLIGHT ATTENDING (225B-16)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1		Percent nonresident Workers			
		Number of nonresident Workers			
		Total Number of Workers			

FOOD PREPARATION & SERVICE (227B-09)

Statewide Labor Force Indicators

	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Design/ Permit/ Open Season Phases	Annual Openings due to Growth	Percent nonresident Workers	Projected Employment (2018)	Growth Rate (Percent)	Projected Employment (2018)	Estimated Employment (2008)	Projected Employment (2018)
Preconstruction and Construction	Number of nonresident Workers						
Road and Bridge - Phase 1 through Operations	Total Number of Workers						
Operations							
Phase 3							
Phase 2							
Phase 1							

FOOD PROCESSING/PRODUCTION (116B-09)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)			Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers				
Preconstruction and Construction							Growth Rate (Percent)
Road and Bridge - Phase 1 through Operations							Projected Employment (2018)
Phase 3							Estimated Employment (2008)
Phase 2							
Phase 1							

FOOD SERVICE AND LODGING MANAGEMENT (189B-09)

	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Growth Rate (Percent)				
Projected Employment (2018)				
Estimated Employment (2008)				

Estimated Demand (2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Design/ Permit/ Open Season Phases	Operations
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations
	Phase 3
	Phase 2
	Phase 1

FORESTRY AND CONSERVATION (122B-01)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

FUNERAL SERVICES (218B-14)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

GARDEN AND LANDSCAPING SERVICES (119B-01)

8)

Total Nonfarm Employment Projections (1075 3545 900.9 cm BT78 0 0 cm

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Total Number of Workers

GENERAL CONSTRUCTION (065B-02)

HEAVY EQUIPMENT REPAIR (053B-16)

Statewide Labor Force Indicators			
			Occupation Characteristics
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Percent Workers Age 50+
Preconstruction and Construction	Estimated Demand (2008-2018)	Potential Supply (2008)	Percent Workers Age 45+
Road and Bridge - Phase 1 through Operations	Total Number of Workers	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
Phase 3	Number of nonresident Workers	Estimated Employment (2008)	Growth Rate (Percent)
Phase 2	Phase 1	UI Claimants previously working in occupation	Projected Employment (2018)
Operations		Workers currently employed in less skilled occupations	
		Qualified, but working in another occupation	
		Ratio of Registrants to Job Position Postings	
		Number of Registrants	
		Number of Job Position Postings	
		Total Annual Openings	
		Annual Openings due to Replacement	
		Annual Openings due to Growth	
		Percent nonresident Workers	
		Number of nonresident Workers	
		Total Number of Workers	

HOME ASSISTING (222B-10)

Unit Summary	Gasline Phases										Statewide Labor Force Indicators					
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009)		Estimated Demand (2008-2018) ^b		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018)		Worker Demographics (2009)		Occupation Characteristics	
Very Large	8.8%	43.4%	31.6%	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Estimated Employment (2008)	UI Claimants previously working in occupation	Growth Rate (Percent)	Average Hourly Wage (May 2009)	
❖	❖	❖	❖	1	0	0	0	0	0	0	0	Estimated Employment (2008)	UI Claimants previously working in occupation	Projected Employment (2018)	Percent Workers Age 50+	
												Number of Registrants	Workers currently employed in less skilled occupations		Percent Workers Age 45+	
												Number of Job Position Postings	Workers currently employed in less skilled occupations		Training	
												Total Annual Openings	Qualified, but working in another occupation			
												Annual Openings due to Replacement	Ratio of Registrants to Job Position Postings			
												Annual Openings due to Growth				
												Percent nonresident Workers				
												Number of nonresident Workers				
												Total Number of Workers				
												Operations				
												Preconstruction and Construction				
												Road and Bridge - Phase 1 through Operations				
												Phase 3				
												Phase 2				
												Phase 1				

HOME HEALTH ASSISTING (154B-08)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1		Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers	

HOSPITALITY SERVICES (223B-09)

Alaska Employment
Projections
D71611()-1((a)020(s)020(s)70o5(o)-20(n)-20(s)-11()]Tm)4(p

Occupation
Characteristics

HUMAN RESOURCES MANAGEMENT (193B-04)

Unit Summary	Gasline Phases		Statewide Labor Force Indicators				Occupation Characteristics
	Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	
Large 10.5% 51.9%	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	Total Annual Openings	UI Claimants previously working in occupation	Growth Rate (Percent)	Average Hourly Wage (May 2009)	Training
	Number of nonresident Workers	Annual Openings due to Replacement	Number of Registrants	Workers currently employed in less skilled occupations	Projected Employment (2018)	Percent Workers Age 50+	Percent Workers Age 45+
	Total Number of Workers	Annual Openings due to Growth	Number of Job Position Postings	Qualified, but working in another occupation			
	Operations	Percent nonresident Workers	Ratio of Registrants to Job Position Postings				
	Preconstruction and Construction	Number of nonresident Workers					
	Road and Bridge - Phase 1 through Operations	Total Number of Workers					
	Phase 3	Phase 2					
	Phase 2	Phase 1					
	Phase 1						

INDUSTRIAL ENGINEERING (019A-15)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

(Source: Alaska Department of Labor and Workforce Development, Division of Employment Security, Employment Projections Unit)

INDUSTRIAL MACHINERY REPAIR (054B-13)

Statewide Labor Force Indicators						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
	Annual Openings due to Growth	Percent nonresident Workers	Projected Employment (2018)	Worker Demographics (2009)	Occupation Characteristics	
Road and Bridge - Phase 1 through Operations	Number of nonresident Workers	Total Number of Workers	Estimated Employment (2008)	Growth Rate (Percent)		
Preconstruction and Construction	Phase 3	Phase 2	Projected Employment (2018)	Projected Employment (2018)		
Operations	Phase 1		Estimated Employment (2008)	Estimated Employment (2008)		

INDUSTRIAL/MANUFACTURING TECHNOLOGY (031A-01)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Growth Rate (Percent)	Projected Employment (2018)
Phase 1	Estimated Demand (2008-2018)	Estimated Employment (2008)	Projected Employment (2018)
Road and Bridge - Phase 1	Operations	Percent nonresident Workers	Growth Rate (Percent)
	Preconstruction and Construction	Number of nonresident Workers	Projected Employment (2018)
		Total Number of Workers	Estimated Employment (2008)

Occupation
Characteristics

INSTRUCTIONAL DESIGN (179B-05)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators										
	Design/Permit/ Open Season Phases					AlaskaWorker Data (2009) ²					ALEXsys Employment Data (2009) ⁴					Alaska Employment Projections (2008-2018) ³					
Medium	4.0%	63.0%	48.2%																		
STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+														
0	0	0	0	0	0	0	1														
Instructional Coordinators																					
Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ⁵	ALEXsys Employment Data (2009) ⁴	Potential Supply (2008) ⁶	Training ¹¹	Average Hourly Wage (May 2009) ¹⁰	Occupation Characteristics														
Number of nonresident Workers	Total Number of Workers	Total Annual Openings	Number of Registrants	Qualified, but working in another occupation	Percent Workers Age 50+	Percent Workers Age 45+	Growth Rate (Percent)														
Road and Bridge - Phase 1 through Operations	Phase 3	Annual Openings due to Replacement	Number of Registrants	Ratio of Registrants to Job Position Postings	Estimated Employment (2008)	Alaska Employment Projections (2008-2018) ³	Projected Employment (201														
Preconstruction and Construction Operations	Phase 2	Annual Openings due to Growth	Percent nonresident Worker	Ratio of Registrants to Job Position Postings	UI Claimants previously working in occupation	Worker Demographics (2009) ⁹															
Phase 1		Percent nonresident Worker	Number of nonresident Workers	Number of Registrants	Workers currently employed in less skilled occupations	Occupation Characteristics															

Source: AKDOLWD, Research and Analysis Section, February 2011.

Shading indicates a gasline occupation.

An asterisk (*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.

INSURANCE (216B-06)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators										
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009) ⁴		Potential Supply (2008) ⁵		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics						
Large 5.1% 41.2% 27.9%	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Number of nonresident Workers	Total Number of Workers	Estimated Employment (2008)	UI Claimants previously working in occupation	Growth Rate (Percent)	Average Hourly Wage (May 2009) ¹⁰	Training ¹¹	LTOJT					
♦ ♦ ♦ ♦	0	1	2	0	0	0	2	0	211	211	2.8	Workers currently employed in less skilled occupations	Percent Workers Age 45+	Percent Workers Age 50+	Projected Employment (2013)	Percent Workers Age 50+					
Claims Adjusters, Examiners, and Investigators	Operations	Road and Bridge - Phase 1 through Operations	Phase 3	Preconstruction and Construction	Phase 2	Phase 1	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ³	ALEXsys Employment Data (2009) ⁴	Potential Supply (2008) ⁵	Qualified, but working in another occupation	Ratio of Registrants to Job Position Postings	Number of Registrants	Number of Job Position Postings ⁶	Total Annual Openings	Annual Openings due to Replacement	Annual Openings due to Growth	Percent nonresident Worker	Number of nonresident Workers	Total Number of Workers

INTERIOR DESIGN (008B-14)

Phase 1

JEWELRY &

Design/
Permit/ Open
Season
Phases

Phase 1

LANDSCAPE ARCHITECTURE (010A-01)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

LEATHER WORK, SHOEMAKING AND REPAIR (081B-13)

Unit Summary	n/a	Gasline Phases		Statewide Labor Force Indicators					Occupation Characteristics
		Design/Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	
									Training
									Average Hourly Wage (May 2009)
									Percent Workers Age 50+
									Growth Rate (Percent)
									Projected Employment (2018)
									UI Claimants previously working in occupation
									Workers currently employed in less skilled occupations
									Qualified, but working in another occupation
									Ratio of Registrants to Job Position Postings
									Number of Registrants
									Number of Job Position Postings
									Total Annual Openings
									Annual Openings due to Replacement
									Annual Openings due to Growth
									Percent nonresident Workers
									Number of nonresident Workers
									Total Number of Workers
									Operations
									Preconstruction and Construction
				Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1		

LEGAL ASSISTING (174A-12)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	Occupation Characteristics
Percent nonresident Workers			Growth Rate (Percent)	
Number of nonresident Workers			Projected Employment (2018)	
Total Number of Workers			Estimated Employment (2008)	
Road and Bridge - Phase 1	Phase 1	Operations Preconstruction and Construction		

LEGAL SECRETARIAL (202A-04)

1 -68 Td.6 3- /

Design/
Permit/ Open
Season
Phases

Phase 1

Estimated Demand
(2008-2018)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

LEGAL SERVICES (173A-12)

Unit Summary	Large 11.7% 46.9%	Gasline Phases		Statewide Labor Force Indicators				Occupation Characteristics
		Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	
STOJT	MTOJT	Operations	Road and Bridge - Phase 1 through Operations	Estimated Demand (2008-2018)	Total Annual Openings	Estimated Employment (2008)	Growth Rate (Percent)	Training
		Preconstruction and Construction	Phase 3	Number of nonresident Workers	Annual Openings due to Replacement	UI Claimants previously working in occupation	Average Hourly Wage (May 2009)	
			Phase 2	Total Number of Workers	Annual Openings due to Growth	Workers currently employed in less skilled occupations	Percent Workers Age 50+	
			Phase 1			Qualified, but working in another occupation	Percent Workers Age 45+	
						Ratio of Registrants to Job Position Postings		
						Number of Registrants		
						Number of Job Position Postings		

LIBRARY ASSISTING (188B-05)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1			

LIBRARY SCIENCE (185A-05)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

LINE SUPERVISION (083B-13)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

LPN (158A-08)

Statewide Labor Force Indicators							
AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Design/ Permit/ Open Season Phases	Number of nonresident Workers	Annual Openings due to Growth/Grow	Estimated Employment (2008)	Potential Supply (2008)	Projected Employment (2011)	Growth Rate (Percent)	
Road and Bridge - Phase 1 through Operations	Total Number of Workers	Percent nonresident Workers	Projected Employment (2008)	Projected Employment (2008)	Estimated Employment (2008)	Projected Employment (2011)	
Preconstruction and Construction	Operations	Operations	Projected Employment (2008)	Projected Employment (2008)	Estimated Employment (2008)	Projected Employment (2011)	
Phase 3	Phase 2	Phase 1	Projected Employment (2008)	Projected Employment (2008)	Estimated Employment (2008)	Projected Employment (2011)	

MARINE ENGINEERING/NAVAL ARCHITECTURE (013A-15)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Number of Registrants Number of Job Position Postings	Qualified, but working in another occupation Ratio of Registrants to Job Position Postings	Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Phase 3	Total Number of Workers	Estimated Employment (2008)	Growth Rate (Percent)	Projected Employment (2018)
Preconstruction and Construction	Phase 2	Number of nonresident Workers	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Operations	Phase 1	Percent nonresident Workers			

MARINE MAINTENANCE/REPAIR (059B-16)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)		Occupation Characteristics
		Projected Employment (2018)	Estimated Employment (2008)	
Phase 1				

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

MASSAGE (164A-08)

Occupation
Characteristics

MATHEMATICS (107A-15)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

MEATCUTTING AND BUTCHERING (233B-14)

Design/ Permit/ Open Season Phases	Alaska Worker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
							Growth Rate (Percent)
Preconstruction and Construction	Number of nonresident Workers						Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Total Number of Workers						
Phase 3							
Phase 2							
Phase 1							

MECHANICAL ENGINEERING (020A-15)

Unit Summary	Gasline Phases [#]		Statewide Labor Force Indicators													
			Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ³	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018) ³	Worker Demographics (2009) ⁹	Occupation Characteristics						
Small 31.1% 39.1% 30.0%	STOJT 0	MTOJT 0	LTOJT 0	WkExp 0	VOC 0	AA 0	BA 1	BA+ 0	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²	Estimated Demand (2008-2018) ³	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018) ³	Worker Demographics (2009) ⁹	Occupation Characteristics
									Road and Bridge - Phase 1 through Operations	Number of nonresident Workers	Total Number of Workers	Estimated Employment Data (2009)	Projected Employment (2011)	Average Hourly Wage (May 2009) ¹⁰	Training ¹¹	
									Phase 3	293	91	31.1	288	305	\$47.49	BA
									Phase 2	✓	✓	UI Claimants previously working in occupation	48	5.9	39.1	30.0
									Phase 1	✓	Workers currently employed in less skilled occupations	34	2	305	5.9	39.1
										Qualified, but working in another occupation	Ratio of Registrants to Job Position Postings	3.5	40	139	30.0	30.0
										Number of Registrants	Number of Job Position Postings ⁴	10	40	139	30.0	30.0
										Total Annual Openings	Annual Openings due to Replacement	8	8	10	30.0	30.0
										Annual Openings due to Growth	Percent nonresident Worker	2	2	3.5	3.5	3.5
										Preconstruction and Construction Operations	Number of nonresident Workers	31.1	31.1	3.5	3.5	3.5
										Road and Bridge - Phase 1 through Operations	Total Number of Workers	91	91	3.5	3.5	3.5
										Phase 3	AlaskaWorker Data (2009) ²	31.1	31.1	3.5	3.5	3.5
										Phase 2	Estimated Demand (2008-2018) ³	31.1	31.1	3.5	3.5	3.5
										Phase 1	ALEXsys Employment Data (2009)	31.1	31.1	3.5	3.5	3.5

Source: AKDOLWD, Research and Analysis Section, February 2011.

Shading indicates a gasline occupation.

An asterisk (*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.

MECHANICAL ENGINEERING TECHNOLOGY (032A-13)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

MEDICAL EQUIPMENT REPAIR (047B-13)

Alaska Employment
Projections

Occupation
Characteristics

MEDICAL LABORATORY TECHNOLOGY (137A-08)

Design/
Permit/ Open
Season
Phases

Phase 1

Estimated Demand
(2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

MEDICAL OFFICE AND SECRETARIAL (203A-04)

Occupation Characteristics

Alaska Employment Projections (2008-2018)	Growth Rate (Percent)
Projected Employment (2018)	
Estimated Employment (2008)	

Estimated Demand (2008-2018)

Design/Permit/ Open Season Phases	Percent nonresident Workers
Number of nonresident Workers	
Total Number of Workers	
Operations	
Preconstruction and Construction	
Road and Bridge - Phase 1 through Operations	
Phase 3	
Phase 2	
Phase 1	

MEDICAL SCIENCE (096A-15)

MEDICAL SERVICES MANAGEMENT (191B-08)

Total Number of Workers

Projected
2008-2018
(2008-2018)

Alaska Employment
Projected
(2008-2018)

Occupation Characteristics
Projected
(2008-2018)

MEDICAL TRANSCRIPTION (200A-08)

Statewide Labor Force Indicators							Occupation Characteristics
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers			Growth Rate (Percent)	Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Operations	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1	Phase 1

MEDICINE (128A-08)

Design/
Permit/ Open
Season
Phases

Phase 1

Estimated Demand
(2008-2018)

Number of nonresident

Percent nonresident Workers

Total Number of Workers

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

METAL FABRICATION (076B-13)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	
	Percent nonresident Workers	Projected Employment (2018)
Number of nonresident Workers		Alaska Employment Projections (2008-2018)
Total Number of Workers		Estimated Employment (2008)
Phase 1		Occupation Characteristics

MINING ENGINEERING (021A-01)

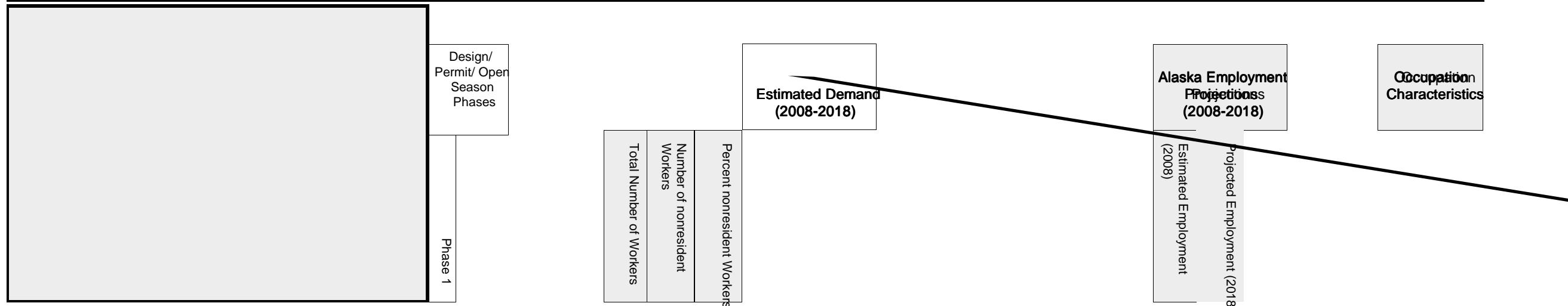
Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

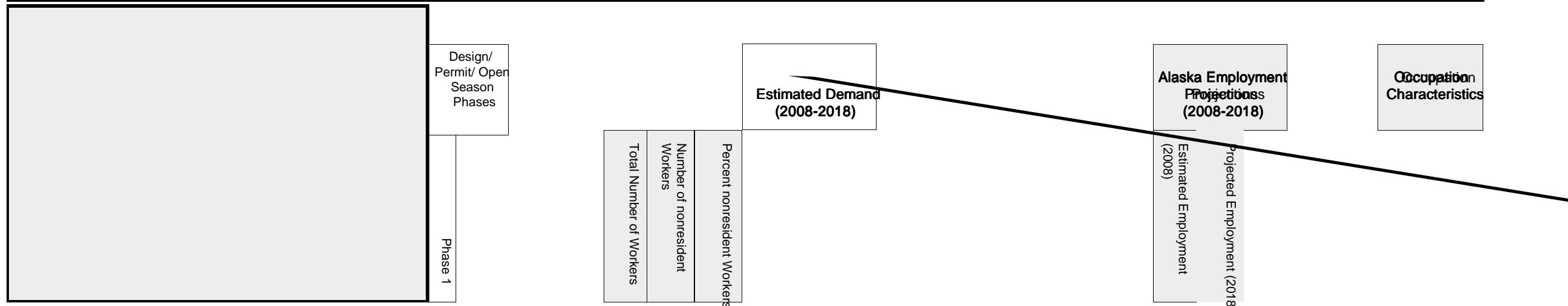
MISCELLANEOUS HEALTH SERVICES (160A-08)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators						
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics		
Very Small	8.6%	55.9%	35.3%													Training ¹¹	
❖	❖	❖	❖	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Average Hourly Wage (May 2009) ¹⁰					
	1	0	0	0	0	0	0	0	0	0	0	Percent Workers Age 50+	55.9	35.3	\$13.48	STOJT	
Medical Equipment Preparers										Percent Workers Age 45+	Growth Rate (Percent)	Projected Employment (201	*	*			
										Estimated Employment (2008)	UI Claimants previously working in occupation	6					
										Workers currently employed in less skilled occupations	Workers currently employed in less skilled occupations	4					
										Qualified, but working in another occupation	Qualified, but working in another occupation	12					
										Ratio of Registrants to Job Position Postings	Ratio of Registrants to Job Position Postings						
										Number of Registrants	Number of Registrants						
										Number of Job Position Postings ⁴	Number of Job Position Postings ⁴	20	79	4.0			
										Total Annual Openings	Total Annual Openings	*	*				
										Annual Openings due to Replacement	Annual Openings due to Replacement	*	*				
										Annual Openings due to Growth	Annual Openings due to Growth	*	*				
										Percent nonresident Worker	Percent nonresident Worker	8.6					
										Number of nonresident Workers	Number of nonresident Workers	3					
										Total Number of Workers	Total Number of Workers	35					
										Operations	Operations						
										Preconstruction and Construction	Preconstruction and Construction						
										Road and Bridge - Phase 1 through Operations	Road and Bridge - Phase 1 through Operations						
										Phase 3	Phase 3						
										Phase 2	Phase 2						
										Phase 1	Phase 1						

MISCELLANEOUS MECHANICS/CONSTRUCTION/MINING (060B-02)



MISCELLANEOUS MECHANICS/CONSTRUCTION/MINING (060B-02)



MODELING (212B-14)

Statewide Labor Force Indicators								
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
	Annual Openings due to Growth	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers	Estimated Employment (2008)	Growth Rate (Percent)	Projected Employment (2018)	
Road and Bridge - Phase 1 through Operations	Operations	Preconstruction and Construction	Phase 1	Phase 1	Phase 1	Phase 1	Phase 1	Phase 1

MUSIC (005B-03)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

MUSICAL INSTRUMENT REPAIR (045A-03)

Statewide Labor Force Indicators						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
						Growth Rate (Percent)
Phase 1	Number of nonresident Workers	Annual Openings due to Replacement	Total Annual Openings	Potential Supply (2008)	Projected Employment (2018)	Occupation Characteristics
Phase 2	Total Number of Workers	Annual Openings due to Growth	Estimated Employment (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Worker Demographics (2009)
Phase 3	Operations	Percent nonresident Workers	Estimated Employment (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
	Preconstruction and Construction	Number of nonresident Workers	Total Annual Openings	Potential Supply (2008)	Growth Rate (Percent)	Occupation Characteristics
	Road and Bridge - Phase 1 through Operations	Total Number of Workers	Estimated Employment (2008)	Projected Employment (2018)	Worker Demographics (2009)	Occupation Characteristics

NUCLEAR ENGINEERING (022A-15)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

NUCLEAR MEDICAL TECHNOLOGY (140A-08)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Workers currently employed	Growth Rate (Percent)	Projected Employment (2018)
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Qualified, but working in another occupation	Projected Employment (2018)	Projected Employment (2018)
		Phase 2	Ratio of Registrants to Job Position Postings	Estimated Employment (2008)	Estimated Employment (2008)
		Phase 1	Number of Registrants	Workers currently employed	Growth Rate (Percent)
			Total Annual Openings	Projected Employment (2018)	Projected Employment (2018)
			Annual Openings due to Replacement	Estimated Employment (2008)	Estimated Employment (2008)
			Annual Openings due to Growth	Workers currently employed	Growth Rate (Percent)
			Percent nonresident Workers	Projected Employment (2018)	Projected Employment (2018)
			Number of nonresident Workers	Estimated Employment (2008)	Estimated Employment (2008)
			Total Number of Workers	Workers currently employed	Growth Rate (Percent)
Operations					



NURSE ASSISTING (153B-08)

Statewide Labor Force Indicators							Occupation Characteristics
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers			Growth Rate (Percent)	Projected Employment (2018)
Road and Bridge - Phase 1 through Operations	Operations	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1	Estimated Employment (2008)

NURSING (129A-08)

Background Information		Estimated Demand (2008-2018)	ALEXIS R Employment Data (2009)	Potential Supply ((2010))	Alaska Employment Projections (2008-2018)	Worker Demographics (2010)	Occupation Characteristics
Design/Permit/Clear Season Phases	YR325QBmR Alaska Worker Data (2009)	Estimated Demand (2008-2018)	ALEXIS R Employment Data (2009)	Potential Supply ((2010))	Alaska Employment Projections (2008-2018)	Worker Demographics (2010)	Occupation Characteristics
Preconstruction	Percent nonresident Workers	Projected Demand	Projected Employment	Actual Supply	Projected Employment	Actual Supply	Projected Employment
Road and Bridge - Phase 1 through Operations	Number of Nonresident Workers	(2008-2018)	(2008-2018)	(2010)	(2008-2018)	(2010)	(2008-2018)
Phase 3	Total Number of Workers	30,000	33,000	34,000	38,000	42,000	45,000
Phase 2	Operations	30,000	33,000	34,000	38,000	42,000	45,000
Phase 1	Construction	30,000	33,000	34,000	38,000	42,000	45,000

OCCUPATIONAL SAFETY AND HEALTH (040A-08)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)			Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers				
Preconstruction and Construction							
Road and Bridge - Phase 1 through Operations							
Phase 3							
Phase 2							
Phase 1							

OCCUPATIONAL THERAPY (149A-08)

OCCUPATIONAL THERAPY ASSISTING (145A-08)

Unit Summary		Gasline Phases										Statewide Labor Force Indicators													
Very Small	53.8%	Design/Permit/ Open Season Phases					AlaskaWorker Data (2009)					ALEXsys Employment Data (2009)					Alaska Employment Projections (2008-2018)					Worker Demographics (2009)	Occupation Characteristics		
		STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Phase 3	Phase 2	Phase 1	Total Number of Workers	Operations	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Number of nonresident Workers	Percent nonresident Workers	Annual Openings due to Growth	Annual Openings due to Replacement	Number of Registrants	Potential Supply (2008)	Growth Rate (Percent)	Average Hourly Wage (May 2009)	Training
❖	❖	❖	❖	n/a	n/a	1	0	0	0	Phase 3	Phase 2	Phase 1	1	Operations	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Number of nonresident Workers	Percent nonresident Workers	Annual Openings due to Growth	Annual Openings due to Replacement	Number of Registrants	Potential Supply (2008)	Growth Rate (Percent)	Average Hourly Wage (May 2009)	Training

OFFICE CLERICAL (207B-04)

Occupation Characteristics

Alaska Employment Projections (2008-2018)	Growth Rate (Percent)
Projected Employment (2018)	Estimated Employment (2008)

Estimated Demand (2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Road and Bridge - Phase 1
Preconstruction and Construction Operations

Design/ Permit/ Open Season Phases

Phase 1

OFFICE CLERICAL (207B-04)

Occupation Characteristics

Alaska Employment Projections (2008-2018)	Growth Rate (Percent)
Projected Employment (2018)	Estimated Employment (2008)

Estimated Demand (2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Road and Bridge - Phase 1

Design/
Permit/ Open
Season
Phases

Phase 1

OPTICAL DISPENSING (163B-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

OPTICAL TECHNOLOGY (077A-13)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)			Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers				
Preconstruction and Construction							Growth Rate (Percent)
Road and Bridge - Phase 1 through Operations							Projected Employment (2018)
Phase 3							Estimated Employment (2008)
Phase 2							
Phase 1							

OPTOMETRY (130A-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

ORTHOTICS/PROSTHETICS (087A-08)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1			Estimated Employment (2008)	Growth Projected Employment (2018)
		Percent nonresident Workers	1951 0 0 0 0.93 0.93 0.93 rg 1075 6895 899.996 223.996 ref Q BT /T1_0 8 Tr 0.9995 0 f57 (a 0.1199951 O q 0.1199819.11951 O q 0. f 71190.1199951 0 0 0.1199951 0 0 cm 1075 6894 900.996 0.996 ref Q f57 (a 0.1199951 O q 0.1199819.11951 O q 0. f Q f57.1199951 0 0 0.119995.93 rg 1075 6895 899.996 223 0 BT ref Q BT /T1_0 80eGi(c)-6(t)rg 1.441 -9.48 Td [(P)1(h)-1]	



PETROLEUM ENGINEERING (023A-15)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)	Occupation Characteristics
Phase 1		Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers	

PHARMACY (162A-08)

Alaska Employment
Projections

Occupation
Characteristics

PHARMACY SUPPORT (161A-08)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Projected Employment (2018)	Estimated Employment (2008)
Phase 1	Percent nonresident Workers		
	Number of nonresident Workers		
	Total Number of Workers		



PHYSICAL THERAPY (150A-08)

Statewide Labor Force Indicators							Occupation Characteristics
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	
Phase 1	Annual Openings	Percent nonresident Workers	Projected Employment (2018)	Growth Rate (Percent)			
Phase 2	Number of nonresident Workers	Estimated Employment (2008)	Projected Employment (2018)				
Phase 3	Total Number of Workers						
	Operations						
	Preconstruction and Construction						
	Road and Bridge - Phase 1 through Operations						

PHYSICAL THERAPY ASSISTING (146A-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

PHYSICIAN ASSISTING (127A-08)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Growth Rate (Percent)	Projected Employment (2018)
Phase 1			

Occupation
Characteristics

PHYSICS/ASTRONOMY (097A-15)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)	Alaska Employment Projections (2008-2018)	
		Growth Rate (Percent)	Projected Employment (2018)
Phase 1			
	Percent nonresident Workers		
	Number of nonresident Workers		
	Total Number of Workers		
	Operations		

Occupation
Characteristics

PLUMBING (067A-02)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

PODIATRY (131A-08)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)			Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)	Occupation Characteristics
	Percent nonresident Workers	Number of nonresident Workers	Total Number of Workers				
Preconstruction and Construction							
Road and Bridge - Phase 1 through Operations							
Phase 3							
Phase 2							
Phase 1							

PRINTING (071B-03)

PRINTING PRESS OPERATION (072B-03)

		Alaska Employment Projections (2008-2018)				Growth Rate (Percent)
		Projected Employment (2011)		Alaska Employment Projections (2008-2018)		Projected Employment (2011)
		Estimated Employment (2008)		Alaska Employment Projections (2008-2018)		Estimated Employment (2008)
Design/ Permit/ Open Season Phases		AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Worker Demographics (2009)
AlaskaWorker Data (2009)		Percent nonresident Worker	Number of nonresident Workers	Total Number of Workers	Operations	Occupation Characteristics
Preconstruction and Construction		Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1	

PSYCHIATRIC ASSISTING (152B-08)

Alaska Employment
Projections

Occupation
Characteristics

PSYCHOLOGY (167A-10)

Statewide Labor Force Indicators						
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
	Annual Openings due to Growth	Percent nonresident Workers	Projected Employment (2018)	Worker Demographics (2009)	Occupation Characteristics	
Preconstruction and Construction	Number of nonresident Workers					
Road and Bridge - Phase 1 through Operations	Total Number of Workers					
Operations						
Phase 3						
Phase 2						
Phase 1						

PUBLIC ADMINISTRATION (190B-07)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Total 018)



QUANTITATIVE BUSINESS ANALYSIS (109B-04)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

REAL ESTATE (213A-14)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

RECREATION & FITNESS (169B-09)

Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)		
	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)
Operations	Growth Rate (Percent)	Occupation Characteristics	
Preconstruction and Construction	Projected Employment (2018)		
Road and Bridge - Phase 1 through Operations	Estimated Employment (2008)		
Phase 3			
Phase 2			
Phase 1			

RECREATIONAL THERAPY (151A-08)

RELIGION (171B-10)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

RELIGIOUS EDUCATION (170B-10)

Occupation Characteristics

Alaska Employment Projections (2008-2018)	Growth Rate (Percent)
Projected Employment (2018)	Estimated Employment (2008)

Estimated Demand (2008-2018)

Percent nonresident Workers
Number of nonresident Workers
Total Number of Workers

Road and Bridge - Phase 1

Design/ Permit/ Open Season Phases

Phase 1

SALES (214B-14)

Statewide Labor Force Indicators							
			ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	Percent nonresident Workers		Growth Rate (Percent)		
			Number of nonresident Workers		Projected Employment (2018)		
			Total Number of Workers		Estimated Employment (2008)		
	Operations						
	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3				
			Phase 2				
			Phase 1				

SECRETARIAL (201A-04)

Design/
Permit/ Open
Season
Phases

Phase 1

Estimated Demand
(2008-2018)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Percent nonresident Workers

Number of nonresident Workers

Total Number of Workers

SECURITIES SALES (198B-06)

Statewide Labor Force Indicators			
			Occupation Characteristics
			Worker Demographics (2009)
		Growth Rate (Percent)	Percent 6 r.1199951 0 0 0.1199951 0 0 cm 1075 6170 0.996 249.996 ref Q qetupation
		Projected Employment (2018)	
		Estimated Employment (2008)	Alaska Employment Projections (2008-2018)
		UI Claimants previously working in occupation	
		Workers currently employed in less skilled occupations	
		Qualified, but working in another occupation	
		Ratio of Registrants to Job Position Postings	
		Number of Registrants	
		Number of Job Position Postings	
		Total Annual Openings	
		Annual Openings due to Replacement	
		Annual Openings due to Growth	
		Percent nonresident Workers	
		Number of nonresident Workers	
		Total Number of Workers	
	Operations		
	Preconstruction and Construction		
	Road and Bridge - Phase 1 through Operations		
	Phase 3		
	Phase 2		
	Phase 1		
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)

SECURITY SERVICES (235B-12)

SMALL ENGINE REPAIR (057B-16)

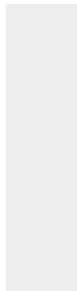
Design/ Permit/ Open Season Phases	Estimated Demand (2008-2018)		
	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2008)
Operations	Growth Rate (Percent)	Occupation Characteristics	
Preconstruction and Construction	Projected Employment (2018)		
Road and Bridge - Phase 1 through Operations	Estimated Employment (2008)		
Phase 3			
Phase 2			
Phase 1			

SOCIAL SCIENCE (113B-05)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

⊕





SOCIAL WORK (168A-10)

Design/ Permit/ Open Season Phases		Estimated Demand (2008-2018)		Alaska Employment Projections (2008-2018)		Occupation Characteristics	
Percent nonresident Workers				Growth Rate (Percent)			
Number of nonresident Workers				Projected Employment (2018)			
Total Number of Workers				Estimated Employment (2008)			
Road and Bridge - Phase 1	Operations	Preconstruction and Construction	Phase 1				

SPEECH PATHOLOGY/AUDIOLOGY (125A-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

SURGICAL TECHNOLOGY (142A-08)

Statewide Labor Force Indicators

Design/ Permit/ Open Season Phases	Statewide Labor Force Indicators					Occupation Characteristics
	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	
Phase 1	Annual Openings due to Growth	Percent nonresident Workers	Projected Employment (2018)	Growth Rate (Percent)	Estimated Employment (2008)	Number of nonresident Workers
Road and Bridge - Phase 1 through Operations	Total Number of Workers	Operations	Source: AKDOLWD Research and Analysis See	n/a	n/a	Preconstruction and Construction

The "n/a" means data are not available. Shading indicates a baseline occupation. Source: AKDOLWD Research and Analysis See

The "n/a" means data are not available. Shading indicates a baseline occupation. Source: AKDOLWD Research and Analysis See

SURVEYING/CARTOGRAPHY (035A-02)

Unit Summary	Gasline Phases [#]										Statewide Labor Force Indicators										
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009) ⁴		Potential Supply (2008) ⁵		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics						
Large 17.7% 47.3% 36.3%	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	0	1	0	0	0	0	2	0	Percent Workers Age 50+ Growth Rate (Percent) Projected Employment (201	Average Hourly Wage (May 2009) ¹⁰	Training ¹¹		
Cartographers and Photogrammetrists																			Percent Workers Age 45+	Percent Workers Age 50+ Growth Rate (Percent) Projected Employment (201	BA
Surveying and Mapping Technicians																			UI Claimants previously working in occupation Workers currently employed in less skilled occupations	Alaska Employment Projections (2008-2018) ³	BA
Surveyors																			Qualified, but working in another occupation Ratio of Registrants to Job Position Postings	Worker Demographics (2009) ⁹	BA
																			Number of Registrants Number of Job Position Postings ⁶	ALEXsys Employment Data (2009) ⁴	BA
																			Total Annual Openings Annual Openings due to Replacement Annual Openings due to Growth Percent nonresident Worker Number of nonresident Workers Total Number of Workers	AlaskaWorker Data (2009) ²	BA
																			Estimated Demand (2008-2018) ³	BA	
																			Design/Permit/ Open Season Phases	BA	
																			Road and Bridge - Phase 1 through Operations Phase 3 Phase 2 Phase 1	BA	
																			Preconstruction and Construction Operations	BA	

TEACHING ASSISTING (180B-05)

Unit Summary	Gasline Phases		Statewide Labor Force Indicators					
	Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics	
Large 6.8% 52.6%	Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	Total Annual Openings	Estimated Employment (2008)	UI Claimants previously working in occupation	Growth Rate (Percent)	
	AlaskaWorker Data (2009)	Road and Bridge - Phase 1 through Operations	Number of Registrants	Annual Openings due to Replacement	Number of Job Position Postings	Workers currently employed in less skilled occupations	Projected Employment (2018)	
	Operations	Phase 3	Percent nonresident Workers	Annual Openings due to Growth	Ratio of Registrants to Job Position Postings	Qualified, but working in another occupation	Average Hourly Wage (May 2009)	
	Preconstruction and Construction	Phase 2	Number of nonresident Workers				Percent Workers Age 50+	
		Phase 1	Total Number of Workers				Percent Workers Age 45+	
							Training	

[STOJT] [MTOJT] [LTOJT] [WkExp] [VOC] [AA] [BA]

TIMBER (123B-01)

Statewide Labor Force Indicators							
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
	Estimated Demand (2008-2018)	Total Annual Openings	Annual Openings due to Replacement	Annual Openings due to Growth	Estimated Employment (2008)	Growth Rate (Percent)	Projected Employment (2018)
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1	Phase 1	Projected Employment (2018)	Occupation Characteristics
Operations							
Design/ Permit/ Open Season Phases							

TOOL AND DIE MAKING (075B-13)

TRAVEL SERVICES (224B-09)

TRUCK AND BUS DRIVING (088B-16)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
			Number of Registrants Postings	Total Annual Openings	UI Claimants previously working in occupation
Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Number of nonresident Workers	Annual Openings due to Replacement	Workers currently employed in less skilled occupations
Operations	Phase 2	Phase 1	Total Number of Workers	Annual Openings due to Growth	Qualified, but working in another occupation
			Percent nonresident Workers	Percent nonresident Workers	Ratio of Registrants to Job Position Postings
			Number of nonresident Workers	Annual Openings due to Replacement	Number of Registrants
			Total Number of Workers	Annual Openings due to Growth	Number of Registrants Postings
					Total Annual Openings
					Annual Openings due to Replacement
					Annual Openings due to Growth
					Percent nonresident Workers
					Number of nonresident Workers
					Total Number of Workers

UPHOLSTERING (080B-13)

Unit Summary	Gasline Phases										Statewide Labor Force Indicators					
	Design/Permit/ Open Season Phases		AlaskaWorker Data (2009)		Estimated Demand (2008-2018)		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018)		Worker Demographics (2009)		Occupation Characteristics	
Very Small 15.4% n/a n/a	STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+	Qualification	Percent working in another occupation	Estimated Employment (2008)	UI Claimants previously working in occupation	Growth Rate (Percent)	Average Hourly Wage (May 2009)	Training	
	0	0	1	0	0	0	0	0	Ratio of Registrants to Job Position Postings	Number of Registrants	Projected Employment (2018)	Workers currently employed in less skilled occupations	Percent Workers Age 50+	Percent Workers Age 45+	Occupation Demographics (2009)	Occupation Characteristics
	Operations	Preconstruction and Construction	Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1			Total Number of Workers	Number of nonresident Workers						

URBAN/REGIONAL PLANNING (111A-16)

Statewide Labor Force Indicators								
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)		Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)	Worker Demographics (2009)	Occupation Characteristics
	Number of nonresident Workers	Total Number of Workers	Percent nonresident Workers	Estimated Employment (2008)	Growth Rate (Percent)	Projected Employment (2018)		
Preconstruction and Construction								
Road and Bridge - Phase 1 through Operations	Phase 3	Phase 2	Phase 1					

VETERINARY ASSISTING/TECHNOLOGY (138A-08)

Alaska Employment
Projections
(2008-2018)

Occupation
Characteristics

Total Number of Workers



WATER TRANSPORTATION (094B-16)

Statewide Labor Force Indicators					
Design/ Permit/ Open Season Phases	AlaskaWorker Data (2009)	Estimated Demand (2008-2018)	ALEXsys Employment Data (2009)	Potential Supply (2008)	Alaska Employment Projections (2008-2018)
					Workers Demographics (2009)
Occupation Characteristics					
Growth Rate (Percent) Age 45+					
Projected Employment (2018)					
Estimated Employment (2008)					
UI Claimants previously working in occupation					
Workers currently employed in less skilled occupations					
Qualified, but working in another occupation					
Ratio of Registrants to Job Position Postings					
Number of Registrants					
Number of Job Position Postings					
Total Annual Openings					
Annual Openings due to Replacement					
Annual Openings due to Growth					
Percent nonresident Workers					
Number of nonresident Workers					
Total Number of Workers					
Operations					
Preconstruction and Construction					
Road and Bridge - Phase 1 through Operations					
Phase 3					
Phase 2					
Phase 1					

WELDING/SOLDERING (074A-13)

Unit Summary										Statewide Labor Force Indicators																				
										Gasline Phases [#]					Alaska Employment Projections (2008-2018) ³															
										Design/Permit/Open Season Phases		Alaska Worker Data (2009) ²		Estimated Demand (2008-2018) ⁸		ALEXsys Employment Data (2009) ¹		Potential Supply (2008) ⁶			Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics					
Large	29.9%	36.8%	25.6%							Phase 1	Phase 1	932	277	29.7	10	24	34	158	1,197	7.6	235	41	276	768	870	13.3	36.1	25.0	\$29.59	LTOJT
STOJT	MTOJT	LTOJT	WkExp	VOC	AA	BA	BA+																							
0	1	1	0	0	0	0	0																							
Welders, Cutters, Solderers, and Brazers										✓	✓	932	277	29.7	10	24	34	158	1,197	7.6	235	41	276	768	870	13.3	36.1	25.0	\$29.59	LTOJT
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders										✓	✓	40	14	35.0	*	*	*	1	137	137.0	10	0	15	*	*	*	55.6	40.7	n/a	MTOJT

WOODWORKING (082B-13)

Unit Summary	Gasline Phases									Statewide Labor Force Indicators							Occupation Characteristics
	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹					
Small 8.7% 34.6% 20.4%	Design/Permit/ Open Season Phases	AlaskaWorker Data (2009) ²		Estimated Demand (2008-2018) ³		ALEXsys Employment Data (2009)		Potential Supply (2008)		Alaska Employment Projections (2008-2018) ³		Worker Demographics (2009) ⁹		Occupation Characteristics		Training ¹¹	
❖ ❖ ❖ ❖	Number of nonresident Workers	Number of nonresident Workers		Annual Openings due to Replacement		Total Annual Openings		Qualified, but working in another occupation		Average Hourly Wage (May 2009) ¹⁰		Percent Workers Age 50+		Projected Employment (2013)		Growth Rate (Percent)	
STOJT MTOJT LTOJT WkExp VOC AA BA BA+ 0 2 4 0 0 0 0 0	Operations	Operations		Annual Openings due to Growth		Annual Openings due to Growth		Ratio of Registrants to Job Position Postings		Projected Employment (2013)		Percent Workers Age 45+		Projected Employment (2018)		Projected Employment (2018)	
Road and Bridge - Phase 1 through Operations	Road and Bridge - Phase 1 through Operations		Phase 3		Phase 2		Phase 1		UI Claimants previously working in occupation		Workers currently employed in less skilled occupations		Workers currently employed in less skilled occupations		Workers currently employed in less skilled occupations		Growth Rate (Percent)

NOTES

1. Gasline Phases Gasline construction activities and the demand for workers in various occupations will vary over time, depending on the project's phase. Phases are not always sequential upgrades, maintenance, and repair will occur over the entire life of the gasline project. Some Phase 3 activities will overlap with preconstruction and construction activities. For a more complete description of each phase, see the document [Project Phases: AGIA Gasline Construction](#).
2. Number of Workers/Residency Alaska wage records identify workers in private sector, state and local government covered by unemployment insurance within Alaska. Workers are assigned to the occupation in which they earned the most money in 2009, so a person will be counted only once, even if they worked in multiple occupations. The duration of a worker's employment is not a factor in the count of workers – a person is counted as a worker once they earn any wages covered under Alaska's unemployment insurance system. Alaska worker residency is determined by matching the Alaska Department of Revenue Permanent Fund Dividend (PFD) file with the Alaska Department of Labor and Workforce Development wage file. The PFD file is a list of Alaskans who either applied for or received a PFD. Workers included in the wage file are considered Alaska residents if they applied for a 2009 PFD or 2010 PFD. This data is methodologically different than the employment data. For more information on how the worker and the employment data differ, please contact the Research and Analysis Section of the Alaska Department of Labor and Workforce Development at 907.465.4518.
3. Estimated Demand/Employment Projections Ten year occupational employment projections are produced biennially, and provide the data for Estimated Demand and the Alaska Employment Project. Estimated and projected employment data do not include self-employed workers in that occupation. Growth openings occur when new jobs are created in the economy. Replacement openings occur when workers leave an occupation. Replacement openings can occur for many reasons, including retirement, leaving the state, or changing careers. Total openings are the sum of growth and replacement openings, and may not total due to rounding. Some occupational projections will fall outside of statistical error measurement guidelines or will disclose confidential information about an occupation and therefore suppressed. Because of suppressed data, overall totals cannot be calculated. This data is methodologically different than the employment data. For more information on how the worker and the employment data differ, please contact the Research and Analysis Section of the Alaska Department of Labor and Workforce Development at 907.465.4518.
4. Job Postings Total count of available jobs by occupation posted by employers on ALEXsys in 2009. ALEXsys is the State of Alaska's online job seeker/workforce services system.
5. Registrants A count of ALEXsys registrants who reported having worked in an occupation, either through their employment history or resume information. Registrants had to meet the educational criteria or show prior Alaska employment for the same or a related occupation as identified by the Alaska Career Ladder (<http://labor.alaska.gov/research/careerladder/>). Registrants may be included in the count multiple times depending on the number of occupations they report.
6. In Another Occupation Workers were considered qualified for the listed occupation if they had four quarters of prior experience in the years 2007 thru 2009 in that occupation. Workers may be considered qualified for more than one occupation.
7. In Less Skilled Occupation Each worker's primary occupation in 2009 was compared with all occupations in which they had four quarters of prior experience in the years 2007 thru 2009. If the worker had four quarters of experience in an occupation, but was employed in 2009 in an occupation requiring less education, training or experience, then they are counted as potential supply since they are considered "underemployed".
8. UI Claimants Unemployment insurance claimants with an active claim in 2009. Claimants were matched with 2008 UI wage records to determine their primary prior occupation.
9. Age Worker age is determined by matching 2009 workers with historical PFD files. Only those workers with age data are used to determine the percent of workers older than age 45 or 50. Occupations with a significant number of nonresident workers will have less reliable age information since age data are not available for nonresident workers.
10. Average Hourly Wage Average hourly wages data come from the Research and Analysis Section of the Alaska Department of Labor and Workforce Development, through the Occupational Employment Statistics Survey, a cooperative program with the U.S. Bureau of Labor Statistics, and represent statewide average wages for the occupation.
11. Training Levels Training requirements are based on the U. S. Department of Labor's Bureau of Labor Statistics data. The education groups are as follows:

STOJT – Short Term On-the-Job Training, typically requiring less than one month of training to attain average job performance.

MTOJT – Moderate Term On-the-Job Training, typically requiring between one and 12 months of combined on-the-job experience and informal training.

LTOJT – Long Term On-the-Job Training, typically requiring more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the necessary skills to attain average job performance.

WkExp – Work Experience in a related occupation is generally required to meet these job requirements. Some occupations are supervisory or managerial in nature.

VOC – Vocational training at the postsecondary level, with program durations from several weeks to more than a year, is required to attain average job performance.

AA – Associate Degree, requiring completion of a degree program of at least two years of full-time equivalent academic work, is required to attain average job performance.

BA – Bachelor's degree, requiring completion of a degree program of at least four years but no more than five years of full-time equivalent academic work, is required to attain average job performance.

BA+ – Bachelor's degree plus some combination of additional work experience or continued education beyond the bachelor's degree is required to attain average job performance in these occupations.

Units of Analysis Index

<p> G P (1 -04).....1 (10 -0).....2 / G (014 -15).....3 G3 (02 -1).....4 G (011 -15).....5 3 (052 -1)..... P U (11 -01)..... (120 -01)..... P G / G / (042 -02)..... (0 3 -1).....10 (051 -1).....11 G (0 2 -1).....12 G (11 -01).....13 (043 -13).....14 U (00 -02).....15 (1 -03).....1 (001 -03).....1 G (15 -0).....1 / (0 -15).....1 G (055 -1).....20 (050 -1).....21 G (231 -0).....22 G U 0 V (20 -0).....23 G/ G3 (21 -14).....24 P G (22 -0).....25 3 (05 -1).....2 G G & P G G (02 -15).....2 G G3 (103 -15).....2 G / (0 5 -15).....2 G (20 -04).....30 U P G M G N (04 -02).....31 G P P (1 2 -04).....32 </p>	<p> P G3 (13 -0).....33 3 (0 3 -02).....34 (232 -0).....35 G G (01 -15).....3 G3 (101 -15).....3 3 (0 -15).....3 P (221 -10).....3 (134 -0).....40 0 V G G (01 -15).....41 0 V G G3 (03 -13).....42 P P U 0 V (205 -04).....43 G P U (0 -13).....44 (03 -1).....45 / U G / P G (1 -03).....4 3 (155 -05).....4 G M G (012 -11).....4 M M U 3 (110 -11).....50 / U M M P U / (044 -13).....51 M M U M M G (0 -02).....52 M M G (1 5 -04).....53 M U G (1 -10).....54 M U G (1 -12).....55 P (002 -03).....5 P 3 (20 -04).....5 P G (15 -0).....5 P 3 G (135 -0).....5 P 3 (143 -13).....0 P 3 (12 -0).....1 P G (00 -03).....2 P G U M G N (0 3 -03).....3 P G P G 3 (144 -0).....4 </p>
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Units of Analysis Index

P .G (05 -1)..... 5
P / U (230 -0).....
P 0 V .G (0 1 -02).....
P M .G (03 -02).....
P (/ M) (004 -03).....
M M (100 -15)..... 0
P U / P M (112 -0)..... 1
(1 5 -05)..... 2
(0 4 -02)..... 3
/ G .G (01 -15)..... 4
M / M U M / U P / (034 -13)..... 5
G 3 P .G3 (13 -0).....
G3 (13 -0).....

Units of Analysis Index

P U (04 -13).....12
 P G3 (13 -0).....130
 P (203 -04).....131
 P G3 (141 -0).....132
 P (204 -0).....133
 P (0 -15).....134
 P V G (1 1 -0).....135
 P (200 -0).....13
 P (12 -0).....13
 P (0 -13).....13
 / M (0 -13).....13
 G .G M (021 -01).....140
 U M 0 V (1 0 -0).....141
 U M / U / G (0 0 -02).....142

 P .
 0 V 0.) 1 .. . (1 U)-4.-14. 0)1..132

P . 0. . (1 . 50 5(1)-1 .2)1. 1 (0)/0 3(3)-4421 05()1 -4.2 ()30) . 2 (0)-4.2 ()-1 .3 (0)-4.2 0.... 31
 4.2 3(3)-442 433 2412.035(. 2(05)1 43() . 2)1. 1 (0)13303(.) . 244(.)-4.144(.)-14.1003(.)-313()1. 1 5 5 . (3)-1 .2 43(-4.2 () 1 .5 *)0.52 24()-1.325 P)1. 1 5 () . 2 45() . 4 ()1. 1 5 ()10. 0 ()
 1 5 () . 244(0)-15.1 53(0) . 3 4 (2)-4.2 43(1)-1 .2 43()1 3 U 131 45(.) .35 1403(.)-2. () . 3 4 (0)-4.2 ()-1 .3 244(.)-14.1403(.)-0.5232()1. 1 44(.)-14.11403(.)-2.13 (2)-4.2 ()-14.1)1. 1 5 (003(.)-313

P .0 V 1 ()-4.2 (1) . 34 2 1 44 03(.) . 3.. .- 30)...

.35 P . . 1 2(.)-14. 1403(.)- *)0.52 (3)1 24 (5 .(3

Units of Analysis Index

M	G	.G3/ L ^P	.G3 _V (125 -0).....1 5
U	G		.G3 _V (142 -0).....1
U	0	3 _V G/	.G 3 _V (035 -02).....1
M		G	.G(1 0 -05).....1
M		(123 -01)1
P P		M	.G(0 5 -13).....200
M	0	0	(224 -0).....201
U	V	P U P	0 V .G(0 -1).....202
M	U		.G(0 0 -13).....203
U	/	G	.G(111 -1).....204
0	V	3 M	.G/ .G3 _V (13 -0).....205
0	V	3 P	(132 -0).....20
/		(22 -0).....20	
P		M	(0 1 -01).....20
			(0 4 -1).....20
P	G/	P	.G(0 4 -13).....210
P			.G(0 2 -13).....211

SOC INDEX

(13-2011).....1

(2 -2011).....

(15-2011).....2

v , , ,

SOC INDEX

M	(23-20 1).....55
,	,
	(43-4031).....155
	(2 -1012).....1
	(53- 021).....52
L	(13-2041).....1

SOC INDEX

P , , , (51-4021).....13
M (51- 0 2).....44
M , G (4 - 0 3).....44
(45-4021).....1
L .G M (2 -10 2).....13
M v (25- 021)..... 2
(4 -3041).....
(45-1012)..... 3
, , M (11- 011)..... 3
(11- 012)..... 3
, , L , G (45-20 2)..... 3
, (45-20 3)..... 3
P (2 -1022)..... 2
(4 -4031)..... 3
(43-40 1).....155
0 V (2 -4032).....1
M (13-2051).....1
M (11-3031).....1
, , , , (2 -1013).....1
(33-2011)..... 4
(33-2021)..... 4
- v / M (4 -1011).....115
- v / M (33-1011).....10
- v / M , , L (45-1011)..... 3
- v / M v (33-1021)..... 4
- v / M v (35-1012).....
- v / M , , M v , (53-1021).....115
- v / M , , v , G (3 -1012)..... 2
- v / M , , v , (4 -1011).....115
- v / M - (41-1012).....1
- v /

SOC INDEX

G	(4 -2121).....3	,	(4 -2132).....3
G	,	(45-2041).....	,
G	P	(2 -1024).....2	,
G	, , , &	,	(43- 041).....103
,	' , ,	(3 -5012).....24	,
,	' , ,	(4 -4041).....31	,
,	' , ,	(1 -2111)..... 1	,
(21-10 1).....4	,	,	(2 -30 1).....105
,	,	,	,
--	,	,	(43-4111).....155
--	(4 -3012).....34	,	(51- 0 1).....10
--	(4 -3013)..... 3	,	(23-1023).....112
--	,	,	(1 -1012).....10
--	,	,	(3 -3011)..... 2
--	' , , ,	(4 -3014).....1 1	,
--	' , , ,	(4 -3015).....1 1	,
--	(4 -301)..... 3	,	(51-4034).....13
'	(4 -4051).....142	,	(23-20 2).....112
(1 -30 3).....1 2	,	'	(23-1011).....112
(4 - 031).....14	,	'	(51-41 2).....13
(31-1011).....	,	(43- 012).....111	,
,	,	(11-1031).....1	,
,	,	(25-4021).....114	,
,	P	(43-40 1).....	,
,	,	(43-41 1).....155	,
'	(1 -2043)..... 0	,	(43-4121).....113
	(1 -302).....101	,	(25-4031).....113
	(1 -2112).....	,	0
	'	(13-20 1).....1	V
	'	(4 -20 1).....11	V V
	(4 - 041).....100	,	(33- 0 2).....1 2
	'	(43-4131).....23	,
	'	(13-20 2).....1	,
-	'	(4 - 0 4).....14	,
,	'	(11- 0 1).....	,
,	(1 -3032).....1	,	(45-4023).....1
,	,	(51- 0 1).....1	,
,	,	(45-031).....102	,
,	,	(4 -2131)..... 3	,
		(45-4022).....1	

SOC INDEX

(51-4041).....13

SOC INDEX

, , (31-1012).....150

¶ (2 -10 4).....13

¶ (2 - 011).....152

¶ (2 - 012).....152

(31-2012).....154

(31-2011).....154

(2 -1122).....153

SOC INDEX

(2 -1024)..... 1

↳ (31-1013).....1 5

↳ (2 -2053).....1 5

↳ (2 -10).....13

↳ (2 -3012).....4

↳ (11-2031).....11

↳ (2 -3031).....11

SOC INDEX

M	(3 -50 4).....24	M	(4 -2053)..... 3
v	(51-3023).....125	,	, , (51- 0 2).....44
v	(11- 151).....32	,	(4 -2044).....120
v	(21-10 3).....1 3	,	(4 -30 3).....21
(1 -3041).....1 2	,	,	(23-20 3).....110
(1 -1013).....	P	M	(51-4111).....200
(2 -4014).....4	G	,	(51-41 4).....13
(2 -112).....1 5	P	,	(53- 041).....204
v	(51- 021).....31	v	(11-3042).....
(43- 111).....30	P	v	(13-10 3).....
(15-2041).....124	,	,	(33-3052).....10
(43-50 1).....1	(53- 051).....1	M	,
(4 -2022).....120	,	,	(11-30 1).....32
M	(4 -2221)..... 3	v	(41-3041).....201
v	(51-2041).....13	,	(3 -3013)..... 2
v	P	P	(53-3032).....202
(2 -10).....13	(21-1011).....54	v	(53-3033).....202
(2 -2055).....1	,	,	(2 -2023).....1 2
v	(1 -3022)..... 1	M	(51- 0 3).....203
v	(1 -3031).....1	U	(1 -3051).....204
v	(1 -1022).....1	U	0
,	v	0	(2 -1131).....20
P	(43-2011).....155	V	(2 -205).....205
,	(51- 052).....44	0	(35-3031).....20
(4 -20 2)..... 3	P	V	(4 - 0 4).....10
(13-20 2).....30	,	,	M
P	(53-3041).....202	,	(51- 031).....20
v	(25- 041).....1	,	(43-5111).....155
(2 -3042).....4	,	,	(51-4121).....210
,	(4 -2022).....45	,	,
(4 - 052).....45	,	,	,
(41- 041).....1	M	,	(51-4122).....210
(43-30 1).....23	,	,	(13-1022).....1
	,	,	
	(43- 022).....155	,	(51- 042).....211
	(2 -3043).....4	,	

SOC INDEX

(1 -1023).....2