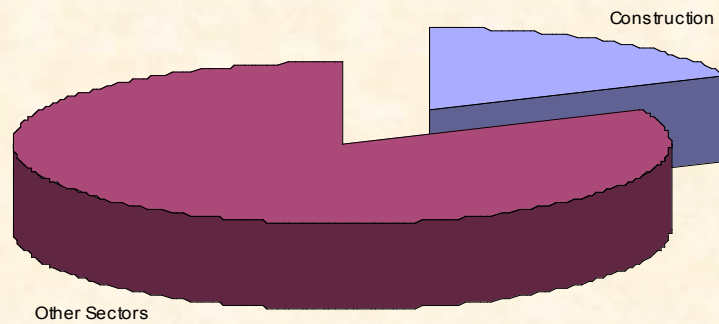


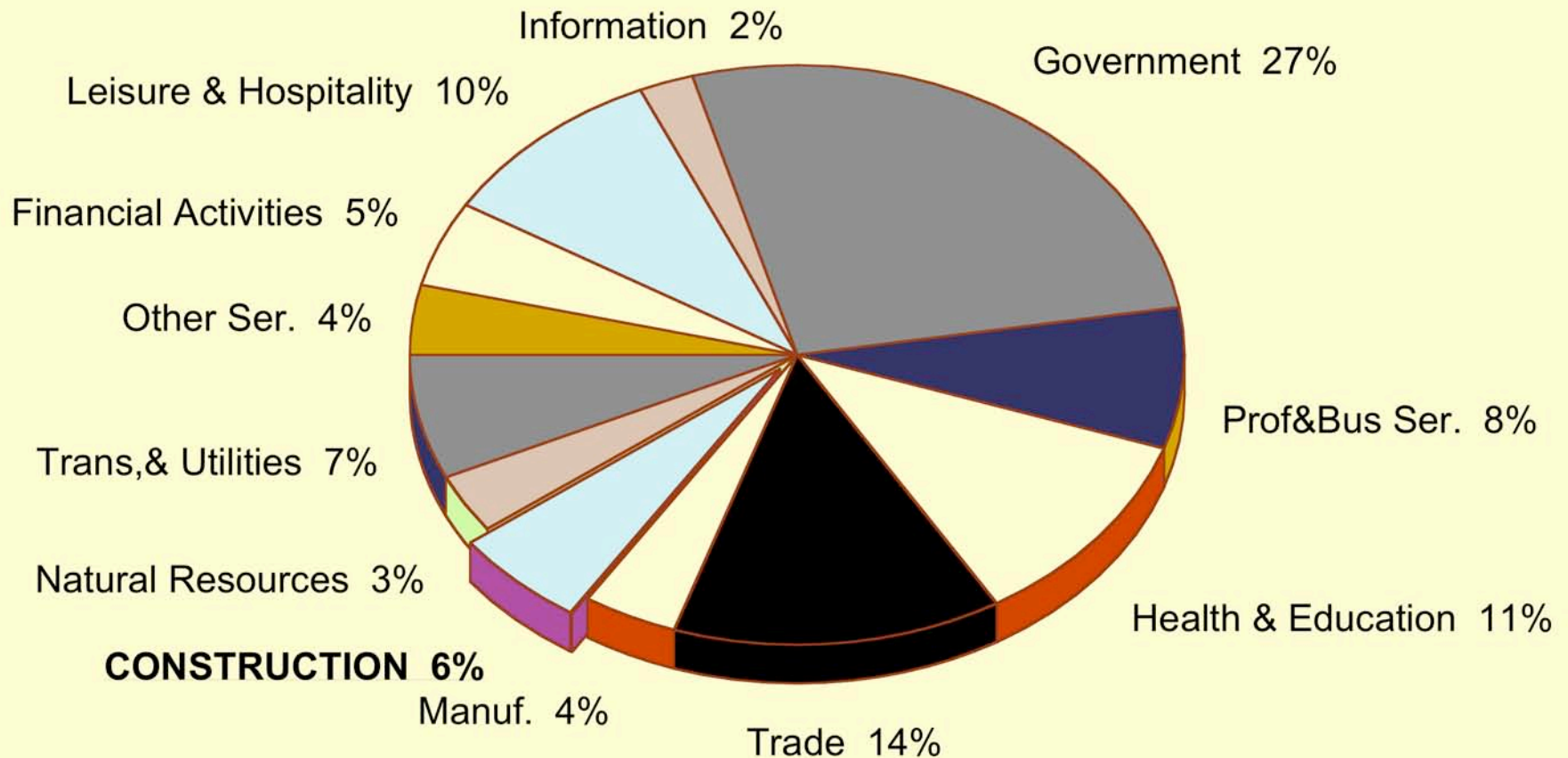
Alaska's Skilled Laborers Are there enough?

Richard Cattanach
Associated General Contractors of Alaska

Alaska Construction Spending 2005



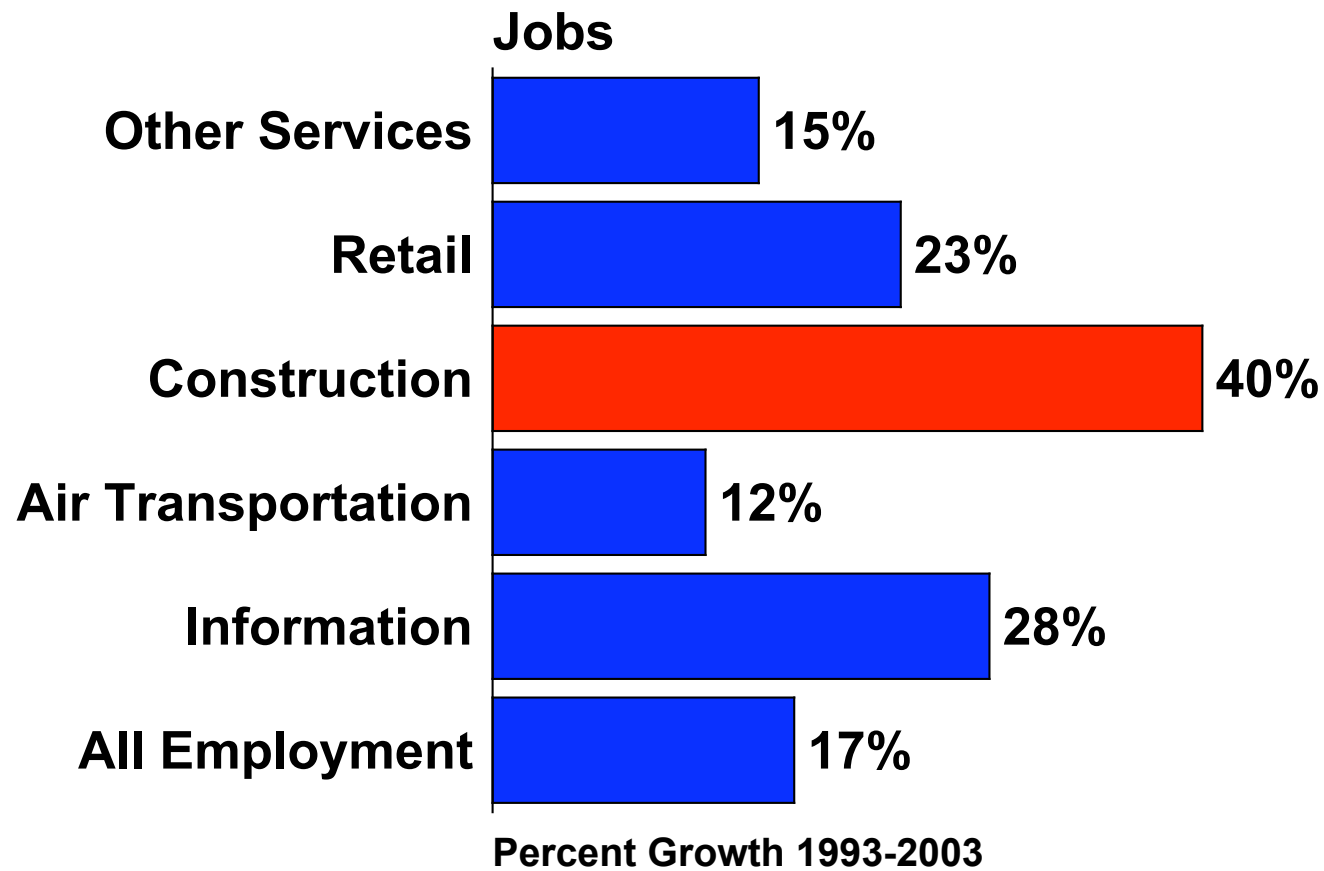
Alaska's Construction Industry Employment 2004



Source: Alaska Department of Labor and Workforce Development, Research and Analysis.

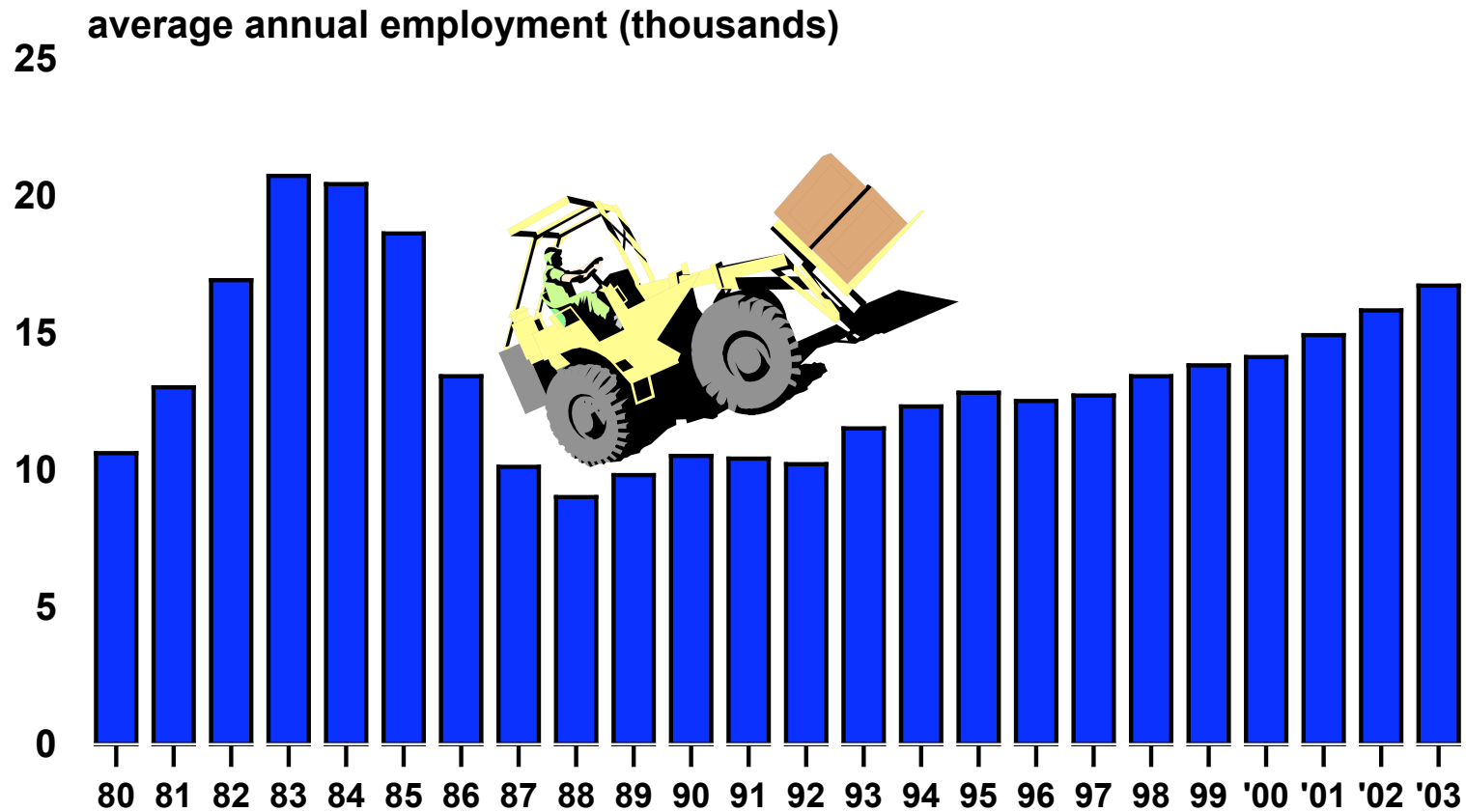


Construction has been one of the State's Stars Over the Past Decade



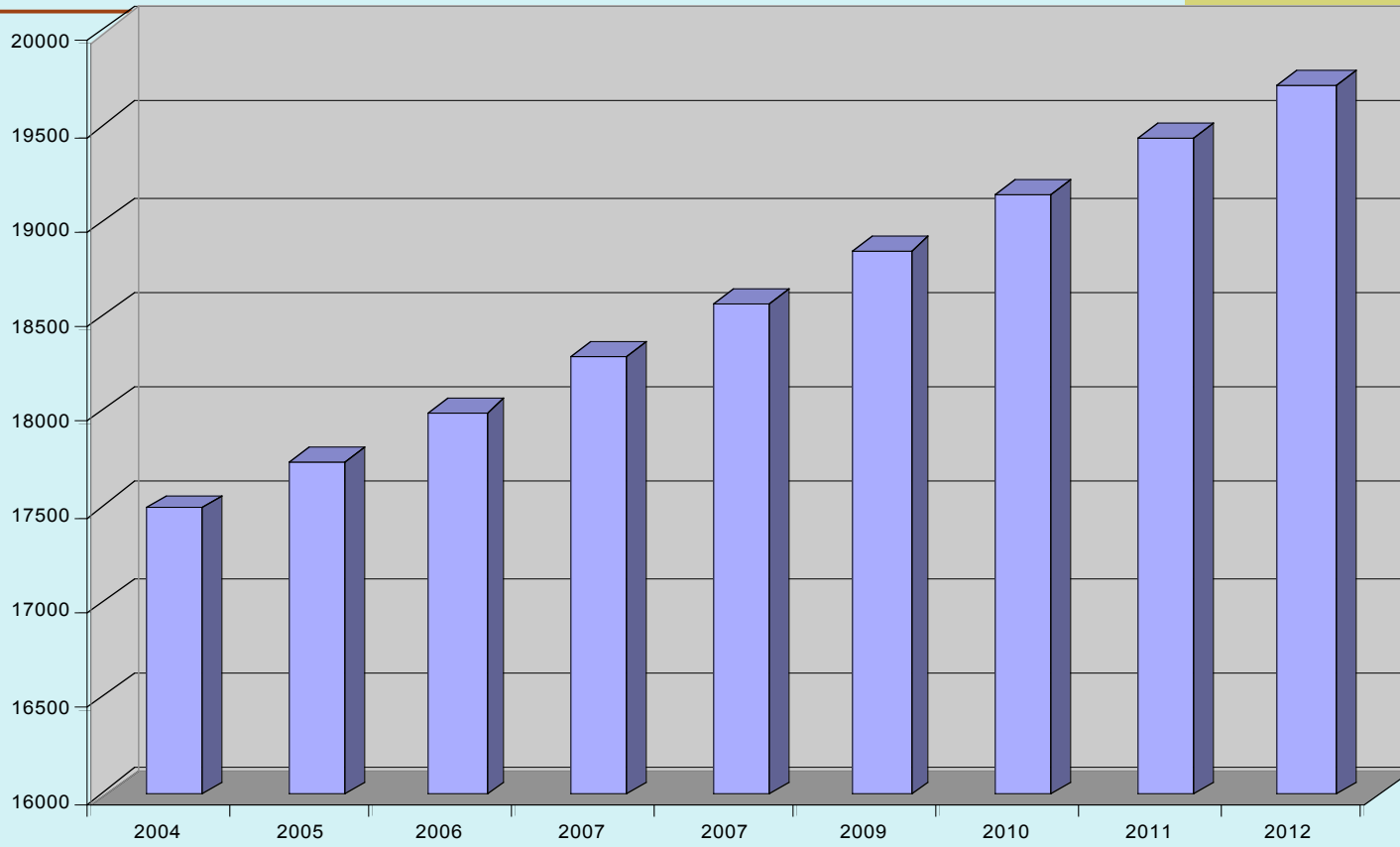


Alaska's Construction Industry The Picture of Stability Since 1989



Source: Alaska Department of Labor and Workforce Development, Research & Analysis Section

Projected Labor Employment



Construction Pays High Wages

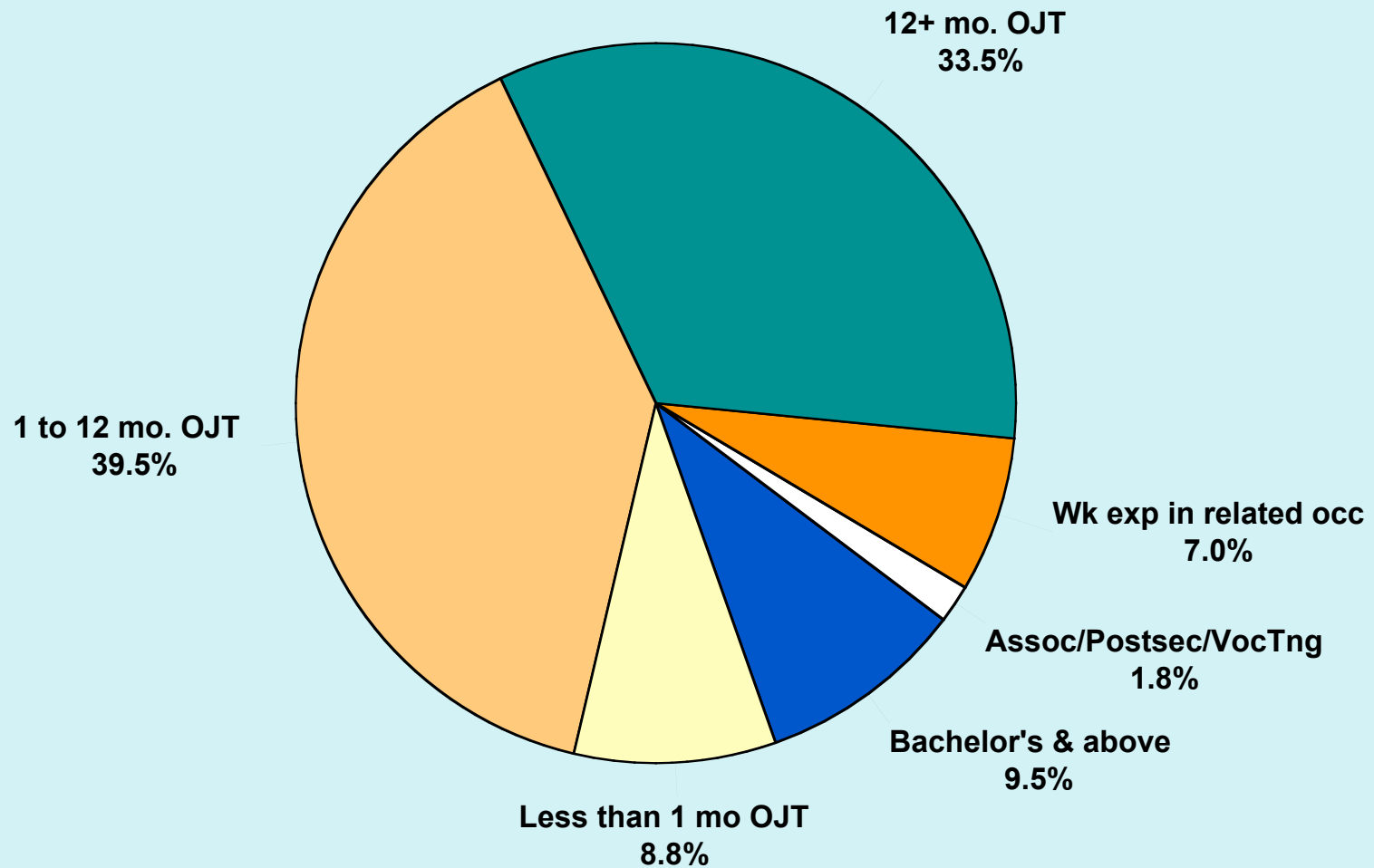


Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section



Alaska's Current Construction Jobs by Level of Required Education

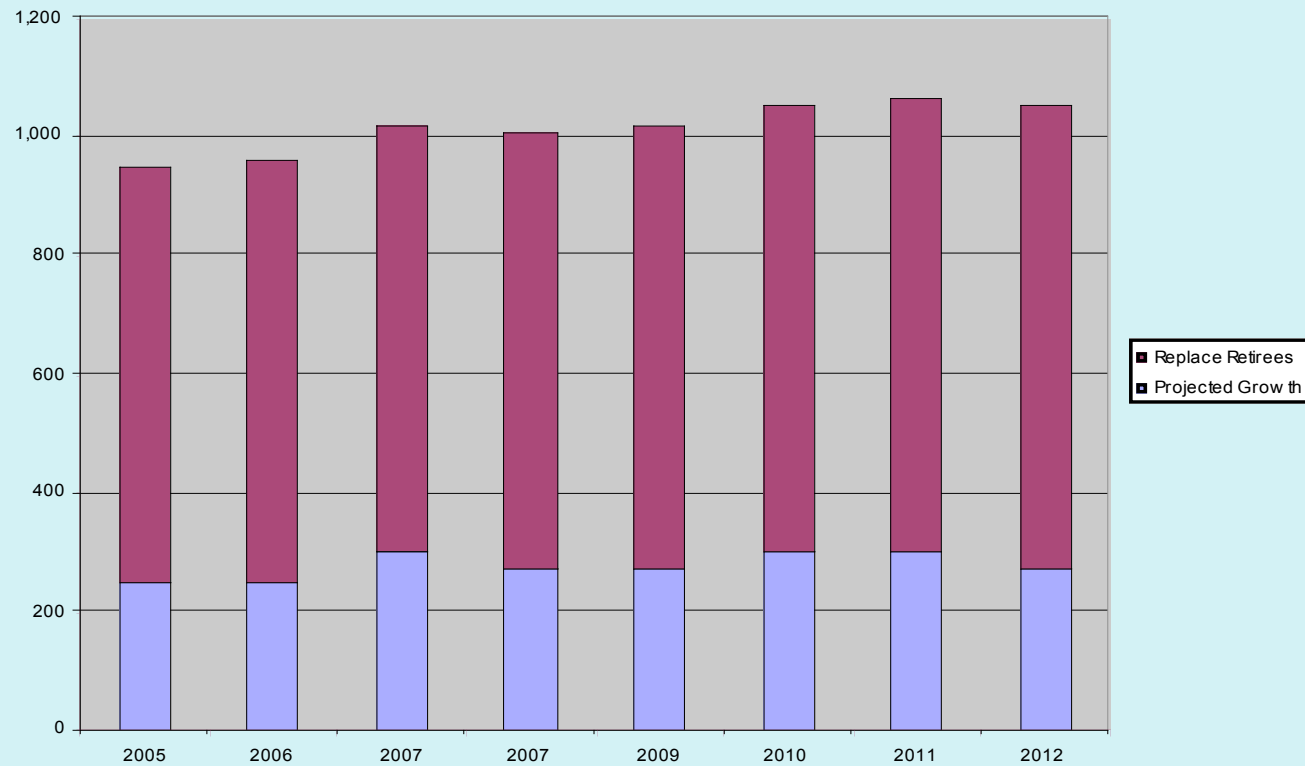
Estimated 2002



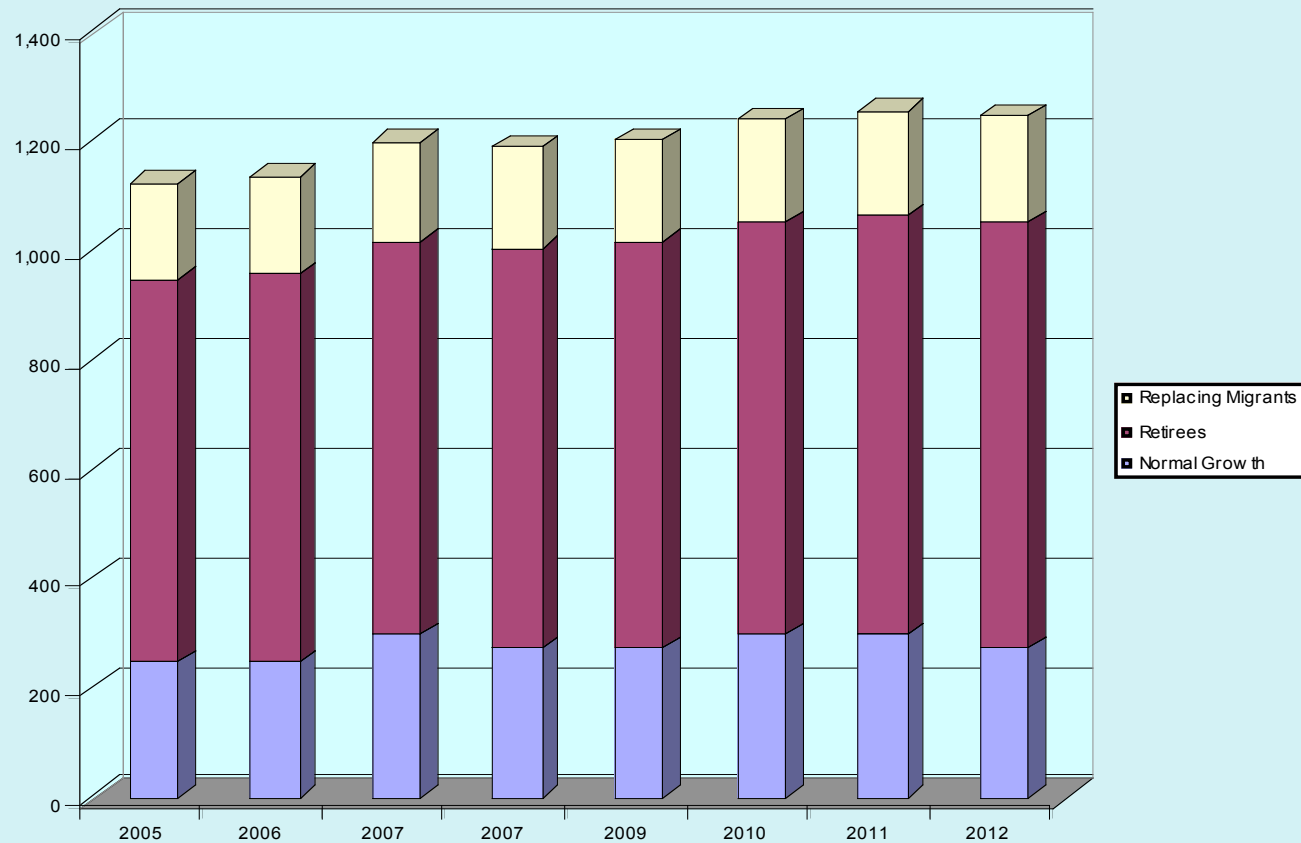
	Non-Resident Workers % ¹³	Workers 45+ % ¹⁴
Carpenters	17.4	30.1
Construction Laborers	16.8	22.6
Electricians	19.5	31.4
Plumbers, Pipefitters, and Steamfitters	17.6	29.2
Operating Engineers and Other Construction Equipment Operators	17.2	45.2
Construction Managers	16.7	56.3
Truck Drivers, Heavy & Tractor-Trailer	14.7	42.2

Projected Labor Growth

Projected Labor Growth



Projected Labor Growth – Including Migrants

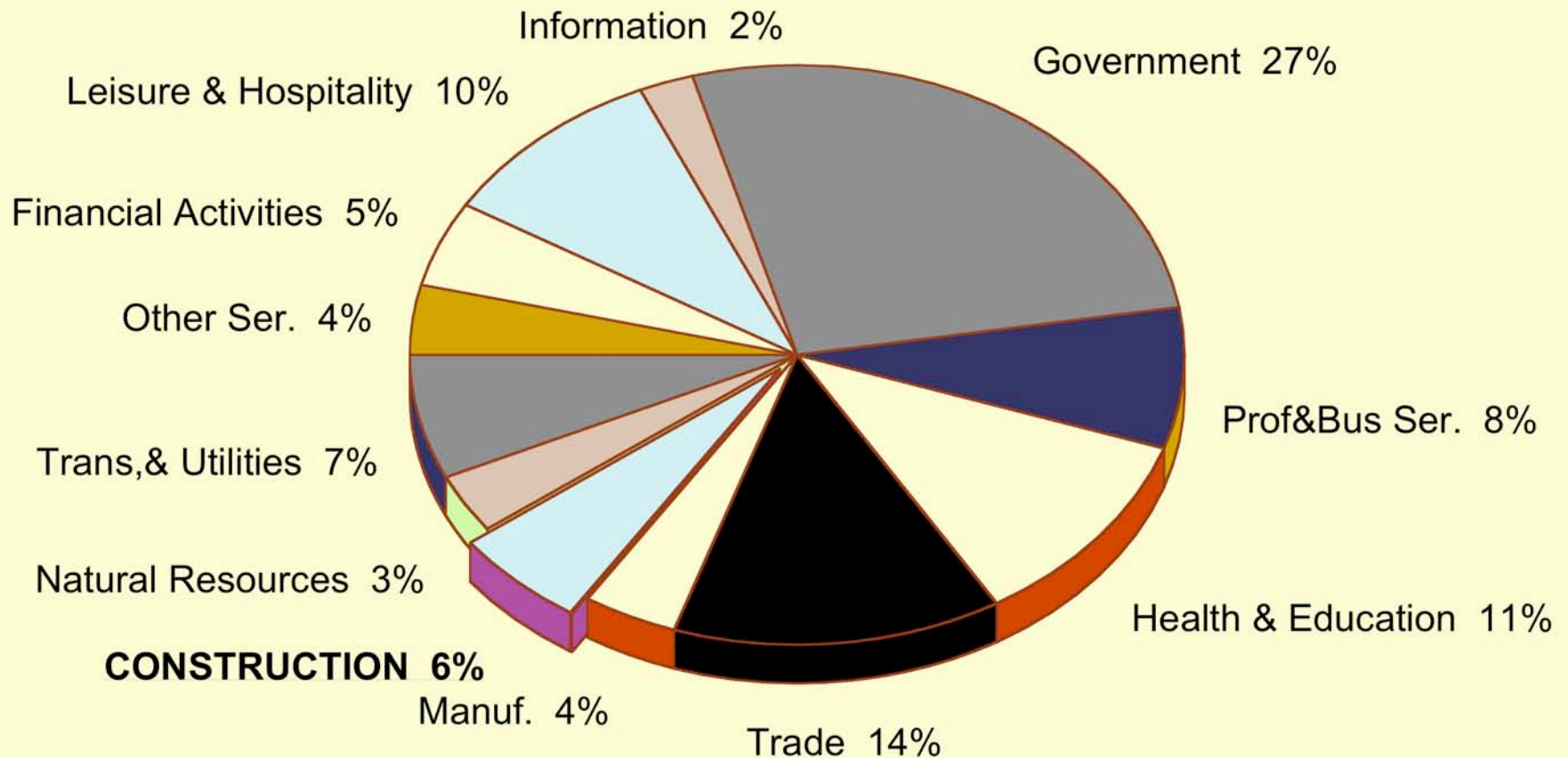


Labor Needs Relative to High School Graduates

- High School Graduates –
 - Average 1999- 2003 7,000
- Number going to College 30% 2,100
- Available to enter workforce 4,900
- Construction Needs 2005 1,125

- Percentage of New Graduates Needed 23%

Alaska's Construction Industry Employment 2004



Source: Alaska Department of Labor and Workforce Development, Research and Analysis.

Advantages of Construction

Job opportunities are expected to be excellent in the construction industry, especially for workers with training and experience.

Opportunities will result from both newly created positions and the need to replace existing workers.

Seven of the top ten occupations ranked for training priority – across all industries -- are found in construction.

Workers in construction have relatively high hourly wages.



Training Rank

1. Registered Nurses
2. **General and Operations Managers**
3. Airline Pilots, Copilots, and Flight Engineers
4. **First-Line Supervisors/Managers of Construction Trades**
5. **Operating Engineers and Other Construction Equipment Operators**
6. **Truck Drivers, Heavy and Tractor-Trailer**
7. **Electricians**
8. Petroleum Pump System Operators, Refinery Operators and Gaugers
9. **Construction Managers**
10. **Carpenters**

Bolded Occupations are those found in the construction industry.

Potential Labor Shortages

Craft	Current	Pipeline
Plumbers, Pipefitters	868	450
Equipment Operators	774	2,100
Truck Drivers	293	1,700
Laborers	1,590	1,300

Potential Labor Shortages

Plumbers & Pipefitters	52%
Equipment Operators	271%
Truck Drivers	580%
Laborers	82%

What's Being Done

- Current Apprenticeship Programs
 - 120 Completed Training in 2003
 - 10% of Need
- State Efforts
 - No long term strategy in place
 - \$20 million training funds for Gas line
- AGC Efforts
 - Build Up
 - NCCER
 - UAA