

Resources Available Through Research & Planning



Research & Planning

OUR ORGANIZATION:

R&P is a separate, exclusively statistical entity.

WHAT WE DO:

R&P collects, analyzes, and publishes timely and accurate labor market information (LMI) meeting established statistical standards.

OUR CUSTOMERS:

LMI makes the labor market more efficient by providing the public and the public's representatives with the basis for informed decision making.

Research & Planning's Website (<http://doe.state.wy.us/LMI>)



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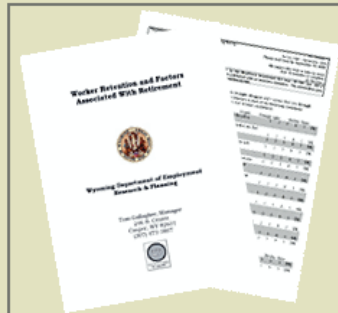
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"**Labor Market Information (LMI)** is an applied science; it is the systematic collection and analysis of data which describes and predicts the relationship between labor demand and supply." *The States' Labor Market Information Review*, ICESA, 1995, p. 7.

Succession Planning Report for the Department of Employment

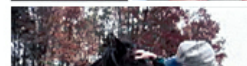


*Worker Retention and Factors Associated
With Retirement [October 2006]*

- [88 Page Report \[PDF — 1.48MB\]](#).
- [Accompanying Presentation for Succession Planning Report \[PowerPoint file — 4.2MB. Requires free PowerPoint Viewer\]](#)
- **Further Inquiries:**
[DOE Employee Satisfaction with Compensation by Tenure and Age](#)



Wyoming Department
of Employment
Research & Planning
246 S. Center St.
Casper, WY 82602
(307) 473-3807



Example: Wage rates for the Casper Metropolitan Statistical Area.

Wyoming Occupational Employment and Wages May 2006: Total all industries in Casper, WY - Microsoft Internet Explorer

Address: <http://doe.state.wy.us/LMI/200602EDS/PAGE0020.HTM>

Links: Dir, Answers, CS-T, Google, LMI, M-W, DOE Casper, O_NET, Weather, MSN.com

Total all industries Casper, WY

Construction and Extraction Occupations

| Occupation | Occ. code | Estabs. reporting occupation | Est. empl. | Mean wage | Mean of the lower one-third | Mean of the upper two-thirds | 10th pct | 25th pct | Median wage | 75th pct |
|---|-----------|------------------------------|------------|-----------|-----------------------------|------------------------------|----------|----------|---------------|----------|
| CONSTRUCTION AND EXTRACTION OCCUPATIONS | 47-0000 | 110 | 4,510 | 40,228 | 24,702 | 47,991 | 22,163 | 28,399 | 39,675 | 49,427 |
| First-Line Supervisors/Managers of Construction Trades and Extraction Workers | 47-1011 | 54 | 310 | 58,980 | 35,705 | 70,618 | 31,803 | 39,741 | 52,215 | 71,241 |
| Brickmasons and Blockmasons | 47-2021 | 3 | | 45,915 | 40,528 | 48,609 | 38,092 | 41,678 | 46,632 | 50,717 |
| Carpenters | 47-2031 | 22 | 270 | 30,896 | 21,070 | 35,809 | 19,921 | 23,001 | 30,008 | 39,020 |
| Cement Masons and Concrete Finishers | 47-2051 | 8 | 110 | 31,062 | 24,067 | 34,560 | 22,338 | 26,020 | 30,068 | 36,143 |
| Construction Laborers | 47-2061 | 15 | | 26,017 | 21,585 | 28,232 | 20,496 | 22,155 | 24,766 | 29,098 |
| Operating Engineers and Other Construction Equipment Operators | 47-2073 | 18 | 150 | 35,900 | 30,025 | 38,837 | 27,778 | 31,493 | 35,243 | 39,403 |
| Electricians | 47-2111 | 19 | 270 | 43,202 | 34,082 | 47,762 | 31,580 | 36,547 | 42,171 | 47,272 |
| Painters, Construction and Maintenance | 47-2141 | 6 | 40 | 20,122 | 22,811 | 22,702 | 20,262 | 25,120 | 20,047 | 26,142 |

Local intranet 1:34 PM

Example: Quarterly Census of Employment & Wages



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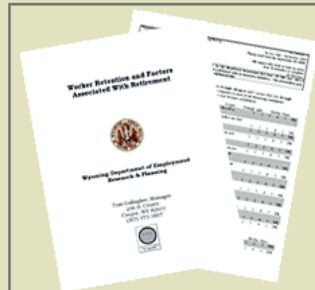
[Program Outcomes](#)

"Labor Market Information (LMI) is an applied science; it is the systematic collection and analysis of data which describes and predicts the relationship between labor demand and supply." *The States' Labor Market Information Review*, ICESA, 1995, p. 7.



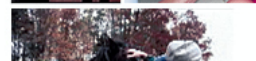
Wyoming Department of Employment Research & Planning
246 S. Center St.
Casper, WY 82602
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Succession Planning Report for the Department of Employment



Worker Retention and Factors Associated With Retirement (October 2006)

- [88 Page Report](#) (PDF — 1.48MB).
- [Accompanying Presentation for Succession Planning Report](#) (PowerPoint file — 4.2MB. Requires free [PowerPoint Viewer](#))
- **Further Inquiries:**
[DOE Employee Satisfaction with Compensation by Tenure and Age](#)



Statewide Quarterly Census of Employment and Wages

Table 4: Wyoming Average Monthly Employment, Total Payroll, and Average Weekly Wage for Third Quarter by County, 2005 and 2006^a

| County | Average Monthly Employment | | | | Total Payroll | | | | Average Weekly Wage | | | |
|----------------------------------|----------------------------|----------------|---------------|------------|------------------------|------------------------|----------------------|-------------|---------------------|--------------|-------------|-------------|
| | Third Quarter 2005 | 2006 | Change | % | Third Quarter 2005 | 2006 | Change | % | Third Quarter 2005 | 2006 | Change | % |
| Total | 262,078 | 273,700 | 11,622 | 4.4 | \$2,187,851,722 | \$2,513,016,132 | \$325,164,410 | 14.9 | \$642 | \$706 | \$64 | 10.0 |
| Albany | 15,163 | 14,872 | -291 | -1.9 | \$ 112,928,125 | \$ 114,629,389 | \$ 1,701,264 | 1.5 | \$ 573 | \$ 593 | 20 | 3.5 |
| Big Horn | 4,572 | 4,792 | 220 | 4.8 | 34,891,791 | 39,387,989 | 4,496,198 | 12.9 | 587 | 632 | 45 | 7.7 |
| Campbell | 23,637 | 25,772 | 2,135 | 9.0 | 255,484,569 | 303,575,315 | 48,090,746 | 18.8 | 831 | 906 | 75 | 9.0 |
| Carbon | 6,749 | 7,583 | 835 | 12.4 | 48,764,031 | 61,624,698 | 12,860,667 | 26.4 | 556 | 625 | 69 | 12.5 |
| Converse | 4,779 | 4,816 | 37 | 0.8 | 38,565,342 | 39,394,394 | 829,052 | 2.1 | 621 | 629 | 8 | 1.4 |
| Crook | 2,274 | 2,334 | 60 | 2.6 | 15,561,497 | 17,067,831 | 1,506,334 | 9.7 | 526 | 563 | 36 | 6.9 |
| Fremont | 15,244 | 15,414 | 170 | 1.1 | 107,175,239 | 117,063,253 | 9,888,014 | 9.2 | 541 | 584 | 43 | 8.0 |
| Goshen | 3,881 | 4,134 | 253 | 6.5 | 23,864,343 | 26,307,812 | 2,443,469 | 10.2 | 473 | 490 | 17 | 3.5 |
| Hot Springs | 1,904 | 1,966 | 61 | 3.2 | 11,536,494 | 12,452,032 | 915,538 | 7.9 | 466 | 487 | 21 | 4.6 |
| Johnson | 3,393 | 3,473 | 80 | 2.3 | 21,490,890 | 25,075,041 | 3,584,151 | 16.7 | 487 | 555 | 68 | 14.0 |
| Laramie | 41,133 | 41,987 | 855 | 2.1 | 339,223,217 | 413,029,390 | 73,806,173 | 21.8 | 634 | 757 | 122 | 19.3 |
| Lincoln | 6,015 | 6,501 | 486 | 8.1 | 46,568,547 | 53,782,970 | 7,214,423 | 15.5 | 596 | 636 | 41 | 6.9 |
| Natrona | 36,815 | 38,598 | 1,783 | 4.8 | 319,051,906 | 361,203,713 | 42,151,807 | 13.2 | 667 | 720 | 53 | 8.0 |
| Niobrara | 764 | 795 | 31 | 4.0 | 4,191,057 | 4,982,213 | 791,156 | 18.9 | 422 | 482 | 60 | 14.3 |
| Park | 14,332 | 14,610 | 278 | 1.9 | 97,871,055 | 107,527,297 | 9,656,242 | 9.9 | 525 | 566 | 41 | 7.8 |
| Platte | 3,269 | 3,297 | 28 | 0.8 | 23,703,499 | 23,623,261 | -80,238 | -0.3 | 558 | 551 | -7 | -1.2 |
| Sheridan | 12,229 | 13,028 | 798 | 6.5 | 87,884,787 | 102,189,883 | 14,305,096 | 16.3 | 553 | 603 | 51 | 9.2 |
| Sublette | 4,012 | 4,556 | 544 | 13.6 | 37,237,167 | 46,499,823 | 9,262,656 | 24.9 | 714 | 785 | 71 | 10.0 |
| Sweetwater | 22,086 | 24,398 | 2,312 | 10.5 | 229,626,355 | 277,675,604 | 48,049,249 | 20.9 | 800 | 875 | 76 | 9.5 |
| Teton | 20,054 | 20,792 | 738 | 3.7 | 166,693,402 | 179,124,189 | 12,430,787 | 7.5 | 639 | 663 | 23 | 3.6 |
| Uinta | 9,295 | 9,482 | 187 | 2.0 | 73,022,286 | 77,531,453 | 4,509,167 | 6.2 | 604 | 629 | 25 | 4.1 |
| Washakie | 3,888 | 3,914 | 27 | 0.7 | 28,439,610 | 30,193,759 | 1,754,149 | 6.2 | 563 | 593 | 31 | 5.4 |
| Weston | 2,212 | 2,126 | -86 | -3.9 | 14,056,477 | 15,039,312 | 982,835 | 7.0 | 489 | 544 | 55 | 11.3 |
| Nonclassified^b | 4,378 | 4,459 | 82 | 1.9 | 50,020,036 | 64,035,511 | 14,015,475 | 28.0 | 879 | 1,105 | 226 | 25.7 |

^aPreliminary

^bThe employer may be located statewide or in more than one county.

Source: Quarterly Census of Employment and Wages, developed through a cooperative program between Research & Planning and the U.S. Bureau of Labor Statistics.

Extract Date: January 2007

Quarterly Census of Employment & Wages Table for Natrona County

http://doe.state.wy.us/lmi/06Q2_QCEW/06q2t127.htm - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://doe.state.wy.us/lmi/06Q2_QCEW/06q2t127.htm

Links Dir Answers CS-T Google LMI M-W DOE Casper O_NET Weather MSN.com

Table 127: Natrona County, Central Region, Covered Employment, Total Wages, & Average Weekly Wages by NAICS Industries, Second Quarters 2005 and 2006

| | NAICS* Sectors | Average Monthly Employment | | | | Total Wages | | | | Average Weekly Wages | | |
|---|-------------------|----------------------------|---------------|--------------|------------|----------------------|----------------------|---------------------|-------------|----------------------|--------------|------------|
| | | Second Quarter | | Change | | Second Quarter | | Change | | Second Quarter | | C |
| | | 2005 | 2006 | No. | % | 2005 | 2006 | Number | % | 2005 | 2006 | |
| Total, Natrona County | | 36,513 | 38,599 | 2,086 | 5.7 | \$311,789,979 | \$363,264,395 | \$51,474,416 | 16.5 | \$657 | \$724 | \$6 |
| Private (NAICS) | 11 - 99 | 31,149 | 33,185 | 2,037 | 6.5 | \$256,389,460 | \$302,387,244 | \$45,997,784 | 17.9 | \$633 | \$701 | \$6 |
| --Agriculture, Forestry, Fishing, & Hunting | 11 | 135 | 141 | 6 | 4.7 | 599,443 | 702,991 | 103,548 | 17.3 | 342 | 383 | 4 |
| --Mining | 21 | 3,496 | 4,235 | 739 | 21.1 | 49,643,397 | 67,089,902 | 17,446,505 | 35.1 | 1,092 | 1,219 | 12 |
| --Utilities | <u>22-ND</u> | | | | | | | | | | | |
| --Construction | 23 | 2,497 | 2,733 | 237 | 9.5 | 21,274,058 | 25,669,732 | 4,395,674 | 20.7 | 655 | 722 | 6 |
| --Manufacturing | 31 - 33 | 1,764 | 1,929 | 165 | 9.4 | 16,480,137 | 19,209,729 | 2,729,592 | 16.6 | 719 | 766 | 4 |
| --Wholesale Trade | 42 | 2,401 | 2,487 | 86 | 3.6 | 26,494,395 | 31,663,901 | 5,169,506 | 19.5 | 849 | 979 | 10 |
| --Retail Trade | 44 - 45 | 4,827 | 4,871 | 44 | 0.9 | 27,106,544 | 29,821,722 | 2,715,178 | 10.0 | 432 | 471 | 0 |
| --Transportation & Warehousing | 48 - 49 | 983 | 1,022 | 39 | 4.0 | 9,383,630 | 10,701,839 | 1,318,209 | 14.0 | 734 | 805 | 0 |
| --Information | 51 | 577 | 566 | -11 | -1.9 | 4,257,517 | 4,434,276 | 176,759 | 4.2 | 568 | 603 | 0 |
| --Finance & Insurance | 52 | 1,014 | 1,059 | 45 | 4.4 | 10,103,020 | 11,757,742 | 1,654,722 | 16.4 | 766 | 854 | 8 |
| --Real Estate & Rental & Leasing | 53 | 906 | 1,010 | 104 | 11.5 | 7,802,411 | 8,660,146 | 857,735 | 11.0 | 663 | 660 | 0 |
| --Professional & Technical Services | 54 | 1,257 | 1,320 | 63 | 5.0 | 12,574,697 | 14,178,798 | 1,604,101 | 12.8 | 770 | 826 | 5 |
| --Management of Companies & Enterprises | 55-ND | | | | | | | | | | | |
| --Administrative & Waste Services | 56 | 1,488 | 1,646 | 158 | 10.6 | 7,409,415 | 8,947,843 | 1,538,428 | 20.8 | 383 | 418 | 0 |
| --Educational Services | 61 | 108 | 88 | -20 | -18.3 | 375,546 | 317,896 | -57,650 | -15.4 | 268 | 278 | 0 |
| --Health Care & Social Assistance | 62 | 4,547 | 4,656 | 109 | 2.4 | 39,852,708 | 42,394,701 | 2,541,993 | 6.4 | 674 | 700 | 2 |
| ---Ambulatory health care services | 621 | 1,601 | 1,622 | 21 | 1.3 | 19,070,303 | 20,556,510 | 1,486,207 | 7.8 | 916 | 975 | 5 |

Done Local intranet

start http://doe.stat... 7 Novell Grou... Microsoft Powe... Research Code ... 9:39 AM

Research & Planning Surveys

Benefits Survey

Succession Planning Survey

Wyoming Department of Employment Research & Planning
2006 Employee Benefits Survey

Company Name _____
 Phone Number _____

Instructions:

- For accurate results, it is important that you fill out and return this survey even if your organization offers no benefits.
- If possible, please provide information for your **Wyoming** employees only.
- Answer all questions for the pay period that included **August 12, 2006**.
- If you have any questions about the survey, please call Lisa Knapp at (307) 473-3835 or e-mail lknapp@state.wy.us.
- Please mail the completed survey in the postage-paid envelope or fax it to (307) 473-3834.
- Your response to this survey is crucial to ensure the results obtained are accurate and complete. **All information provided will remain strictly confidential.** Results will be presented in aggregate form so that no individual response will be identifiable in any published results.

Which of the following options describes the status of your Wyoming operations during the pay period that included **May 12, 2006**?

Operating: Continue with the survey.
 Temporarily closed during this period: Please return the form to the address at the top of the page.
 Permanently out of business: Please return the form to the address at the top of the page.

Contact Information

Contact Person: _____ Title: _____ Phone Number: _____

Check here if you would like a complimentary printed copy of the results.
 Check here if you would like an electronic copy of the results e-mailed to you.

E-mail address: _____

Employment

1. How many workers does your company currently employ in Wyoming?
 If zero employees, please check here and return the survey form.

Based on your organization's classification of full-time and part-time:

2. How many employees are considered full-time? _____
 How many employees are considered part-time? _____

3. How many employees must your employees work each week to be considered full-time?
 a. How many hours must your employees work each week to be considered full-time?
 For Wyoming location
 For Wyoming and other locations

4. Is the information provided in questions 1 through 3:
 For Wyoming location
 For Wyoming and other locations

For your responses to be interpreted properly, please answer the remainder of the questions for the location(s) included in your answers to questions 1 through 3.

Department of Employment Workforce Planning Survey
 Wyoming Department of Employment Research & Planning
 P.O. Box 2760
 Casper, WY 82602
 Tel: (307) 473-3835 Fax: (307) 473-3806
<http://dow.state.wy.us/LMI>

Survey Date: September 2006
 Please mail form by **September 16, 2006**.
 We expect this form to take no more than 15 minutes to complete (ID Number) _____

All data collected by Research and Planning must, by the Workforce Investment Act [see: 29 USC sec. 431-2 (a)(2)], be held in the strictest confidence, with results published only as summary statistics. The information you provide to us will be held confidential to the extent permitted by law.

Section A
 Using the provided scale of 1 to 5 where 1 means that you **strongly disagree** and 5 means that you **strongly agree**, please circle **one** response that best describes your response to each of the following statements. Remember, there are no wrong answers and your responses will be kept confidential.

1. At the Department of Employment my performance on the job is _____
 1=Strongly Disagree 2=Disagree 3=Neither Agree Nor Disagree 4=Agree 5=Strongly Agree

2. The mission purpose of the Department of Employment makes me feel _____
 1 2 3 4 5 DK

3. My co-workers are committed to doing quality work. _____
 1 2 3 4 5 DK

4. I have some control over what I am suppose to accomplish (my job objectives). _____
 1 2 3 4 5 DK

5. My supervisor seems to care about me as a person. _____
 1 2 3 4 5 DK

6. Compared to other people doing similar work at the Department of Employment, I think I am paid fairly. _____
 1 2 3 4 5 DK

7. Compared to other people doing similar work outside the Department of Employment, I think I am paid fairly. _____
 1 2 3 4 5 DK

8. I feel that the State of Wyoming's health insurance plans sufficiently meet my needs. _____
 1 2 3 4 5 DK

9. The Department of Wyoming's retirement plans sufficiently meet my retirement needs in the future. _____
 1 2 3 4 5 DK

10. At the Department of Employment we can speak our minds without fear of reprisal. _____
 1 2 3 4 5 DK

11. I am satisfied with the advancement or promotion opportunities within the Department of Employment. _____
 1 2 3 4 5 DK

12. I am proud to tell others I am part of the Department of Employment. _____
 1 2 3 4 5 DK

Section B

15. I speak highly of the Department of Employment to others. _____
 1=Strongly Disagree 2=Disagree 3=Neither Agree Nor Disagree 4=Agree 5=Strongly Agree

16. I am proud to tell others I am part of the Department of Employment. _____
 1 2 3 4 5 DK

ANSWERS

<http://doe.state.wy.us/ANSWERS/>

(under upgrade status)

Example: Median Income & Population

The screenshot shows the Wyoming ANSWERS website interface. At the top, there is a banner with the Wyoming state logo and the text "ANSWERS A National and State Workforce and Employment Research System". Below the banner is a navigation menu with links: Home, My ANSWERS, Career Center, Labor Market Info, and Download Data. On the left side, there is a search box with a "GO" button and a list of "Advanced Search" options, including "Select Data Type" (checked), "All Data Types", "Consumer Price Index", "Current Employment Statistics", "Income", "Industry Employment Projections", "Employment and Earnings", "Occupations by Industry", "Labor Force Statistics", "Occupation Employment Projections", and "Wages". The main content area is titled "Income" and contains several buttons: "Restart", "Back", "Save to my ANSWERS", "Print", and "Download". Below these buttons is a link "Help with Download". The search results are displayed in a table with the following columns: Year, Period, Area, Income Source, Income Type, Income, and Population. The first row of data shows: 2004, Annual, Wyoming, Census, Median household income, \$45,456, and 505,887. The "Income" and "Population" columns in this row are circled in red. At the bottom of the page, there is a footer with links: Home | Site Map | Feedback | Help | Privacy Policy | Copyright.

Wyoming
ANSWERS
A National and State Workforce and Employment Research System

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Consumer Price Index
Current Employment Statistics
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Industry Employment Projections
Employment and Earnings
Occupations by Industry
Labor Force Statistics
Occupation Employment Projections
Wages

Income

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Page 1 of 1 (16 results/page)

| Year | Period | Area | Income Source | Income Type | Income | Population |
|------|--------|---------|---------------|-------------------------|----------|------------|
| 2004 | Annual | Wyoming | Census | Median household income | \$45,456 | 505,887 |

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Research & Planning
provides training on the
above features & provides
consultation (e.g., in
conjunction with a
planned research project).

Growing Occupations

Wyoming Statewide Short Term Occupational Projections from Second Quarter 2005 (2005Q2) to Second Quarter 2007 (2007Q2)

S. D. Jones

Run May 2006

| Occupation Code and Title | 2005Q2 Employment | 2007Q2 Employment | Employment Change 2005Q2- 2007Q2 | Percent Change in Employment 2005Q2-2007Q2 | Total Annual Openings |
|--|----------------------|----------------------|--|--|-----------------------------|
| 47-5011 Derrick Operators, Oil and Gas | 809 | 1,100 | 291 | 36.0 | 168 |
| 47-5012 Rotary Drill Operators, Oil and Gas | 557 | 744 | 187 | 33.6 | 109 |
| 47-5013 Service Unit Operators, Oil, Gas, and Mining | 843 | 1,121 | 278 | 33.0 | 163 |
| 47-5099 Extraction Workers, All Other | 1,499 | 1,989 | 490 | 32.7 | 282 |
| 47-5071 Roustabouts, Oil and Gas | 1,032 | 1,358 | 326 | 31.6 | 191 |
| 47-5031 Explosives Workers, Ordnance Handling Experts, and | 694 | 902 | 208 | 30.0 | 133 |
| 47-5000 Extraction Workers | 6,967 | 9,031 | 2,064 | 29.6 | 1,224 |
| 47-5081 Helpers--Extraction Workers | 543 | 688 | 145 | 26.7 | 87 |
| 47-5021 Earth Drillers, Except Oil and Gas | 506 | 638 | 132 | 26.1 | 77 |
| 29-2099 Health Technologists and Technicians, All Other | 8 | 10 | 2 | 25.0 | 1 |
| 19-4041 Geological and Petroleum Technicians | 268 | 331 | 63 | 23.5 | 38 |
| 53-7071 Gas Compressor and Gas Pumping Station Operators | 310 | 382 | 72 | 23.2 | 43 |
| 51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers | 498 | 593 | 95 | 19.1 | 59 |
| 51-9194 Etchers and Engravers | 6 | 7 | 1 | 16.7 | 1 |
| 53-7073 Wellhead Pumpers | 879 | 1,022 | 143 | 16.3 | 91 |
| 53-7062 Laborers and Freight, Stock, and Material Movers, | 2,950 | 3,427 | 477 | 16.2 | 350 |
| 51-4041 Machinists | 486 | 556 | 70 | 14.4 | 46 |
| 27-1021 Commercial and Industrial Designers | 14 | 16 | 2 | 14.3 | 1 |
| 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners | 63 | 72 | 9 | 14.3 | 6 |
| 53-1031 First-Line Supervisors/Managers of Transportation | 894 | 1,018 | 124 | 13.9 | 82 |
| 51-4033 Grinding, Lapping, Polishing, and Buffing Machine | 22 | 25 | 3 | 13.6 | 2 |
| 47-0000 Construction and Extraction Occupations | 789 | 3,836 | 4,047 | 13.6 | 2,663 |
| 47-1000 Supervisors, Construction and Extraction Workers | 13 | 420 | 407 | 3.5 | 248 |

Declining Occupations

Wyoming Statewide Short Term Occupational Projections from Second Quarter 2005 (2005Q2) to Second Quarter 2007 (2007Q2)
 S. D. Jones
 Run May 2006

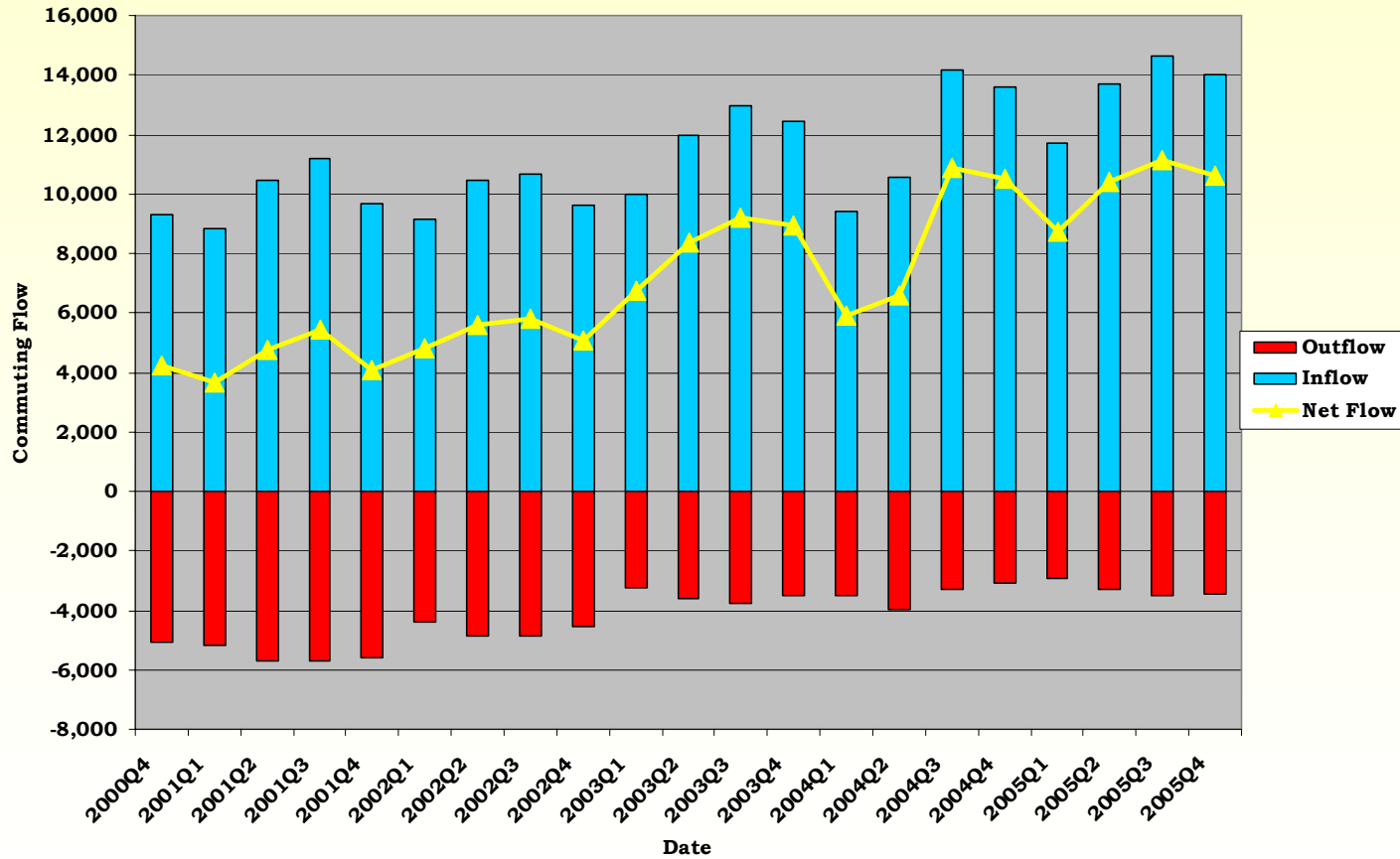
| Occupation Code and Title | 2005Q2 Employment | 2007Q2 Employment | Employment Change 2005Q2- 2007Q2 | Percent Change in Employment 2005Q2-2007Q2 | Total Annual Openings |
|---|----------------------|----------------------|--|--|-----------------------------|
| 45-4029 Logging Workers, All Other | 20 | 15 | -5 | -25.0 | 1 |
| 45-4021 Fallers | 7 | 6 | -1 | -14.3 | 0 |
| 45-4022 Logging Equipment Operators | 39 | 34 | -5 | -12.8 | 1 |
| 51-7041 Sawing Machine Setters, Operators, and Tenders, | 189 | 171 | -18 | -9.5 | 6 |
| 51-2023 Electromechanical Equipment Assemblers | 12 | 11 | -1 | -8.3 | 1 |
| 43-2021 Telephone Operators | 13 | 12 | -1 | -7.7 | 1 |
| 43-5041 Meter Readers, Utilities | 172 | 159 | -13 | -7.6 | 6 |
| 51-6031 Sewing Machine Operators | 92 | 86 | -6 | -6.5 | 1 |
| 51-7042 Woodworking Machine Setters, Operators, and | 95 | 89 | -6 | -6.3 | 3 |
| 51-7000 Woodworkers | 493 | 466 | -27 | -5.5 | 14 |
| 43-9051 Mail Clerks and Mail Machine Operators, Except | 168 | 159 | -9 | -5.4 | 6 |
| 51-5011 Bindery Workers | 39 | 37 | -2 | -5.1 | 1 |
| 43-4071 File Clerks | 283 | 269 | -14 | -5.0 | 9 |
| 51-8091 Chemical Plant and System Operators | 284 | 270 | -14 | -4.9 | 9 |
| 51-6041 Shoe and Leather Workers and Repairers | 41 | 39 | -2 | -4.9 | 2 |
| 45-4000 Forest, Conservation, and Logging Workers | 147 | 140 | -7 | -4.8 | 5 |
| 43-9071 Office Machine Operators, Except Computer | 85 | 81 | -4 | -4.7 | 2 |
| 51-7021 Furniture Finishers | 24 | 23 | -1 | -4.2 | 1 |
| 43-9011 Computer Operators | 265 | 255 | -10 | -3.8 | 6 |
| 53-7033 Machine Feeders and Off-setters | 87 | 84 | -3 | -3.6 | 1 |
| 43-9011 Computer Operators | 87 | 84 | -3 | -3.6 | 1 |

Work In Progress

- Commuting Patterns
- Understanding the source of workers contributing to Wyoming's current growth

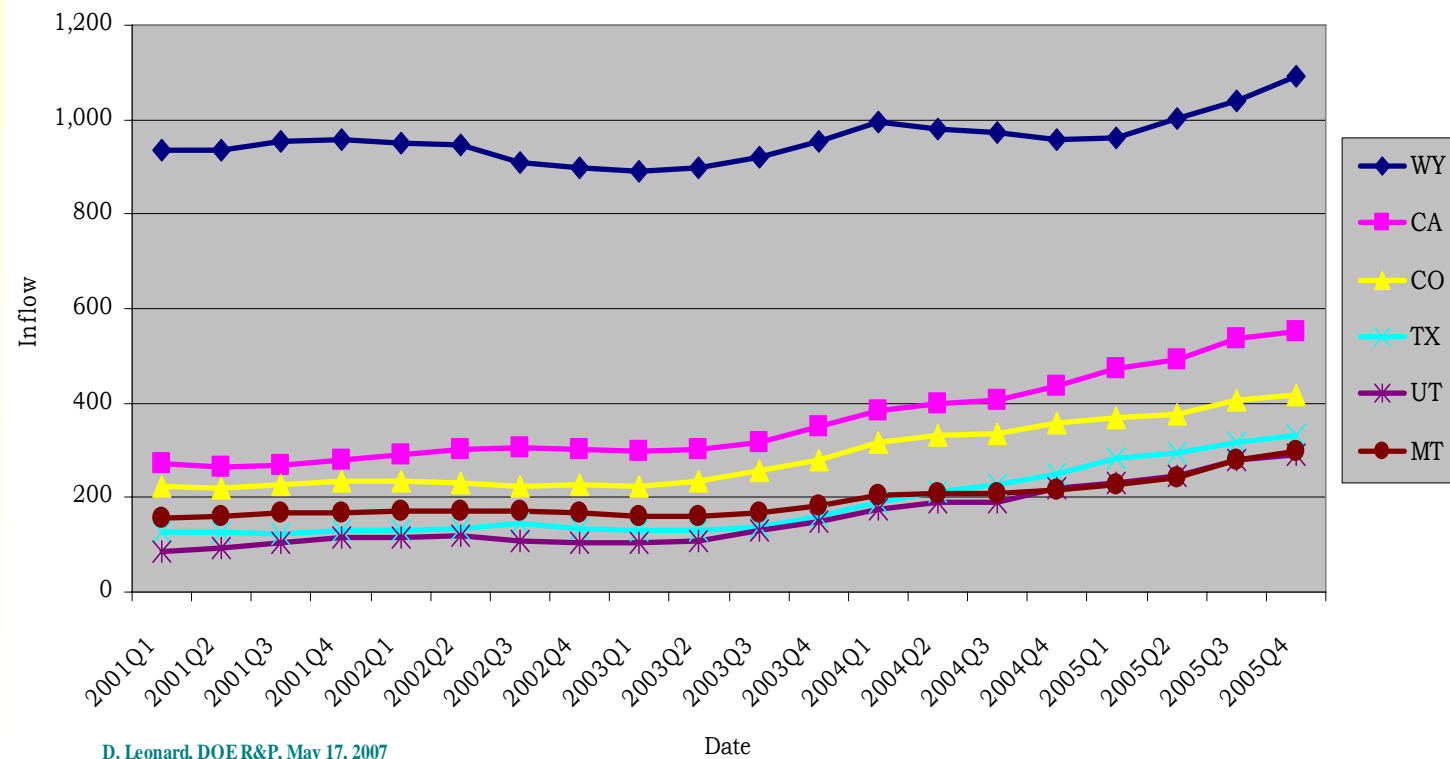
Commuting Patterns

Figure: Natrona County Commuting Flows, 2000Q4-2005Q4



Wyoming Expatriates and Other Nonresidents Commuting to Natrona County

Figure : Top State of Origin Inflows to Natrona County for Workers without Wyoming Driver Licenses



D. Leonard, DOER&P, May 17, 2007

Active RN Inflows – Sweetwater County

Inflow Table: Sweetwater Intercounty Commuting Flows, 2000Q1-2005Q4

Base County Sweetwater

| | | Date | | | | |
|--------|---------------|-----------|-----------|-----------|-----------|-----------|
| | | 2004Q4 | 2005Q1 | 2005Q2 | 2005Q3 | 2005Q4 |
| Inflow | Source County | | | | | |
| | Albany | 3 | 4 | 3 | 3 | 3 |
| | Campbell | 1 | 1 | . | . | . |
| | Carbon | 4 | 4 | 4 | 4 | 5 |
| | Fremont | 2 | 1 | . | 1 | . |
| | Hot Springs | 1 | 1 | 2 | 1 | 1 |
| | Lincoln | 3 | 4 | 4 | 2 | 3 |
| | Natrona | 1 | 1 | 1 | 2 | 3 |
| | Park | 2 | 1 | 2 | 2 | 1 |
| | Sheridan | 1 | 1 | 1 | . | . |
| | Sublette | 2 | 2 | 5 | 4 | 3 |
| | Uinta | . | . | . | 1 | 2 |
| | Z-Unknown | 19 | 17 | 17 | 21 | 16 |
| | Total | 39 | 37 | 39 | 41 | 37 |

Active RN Outflows – Sweetwater County

Outflow Table: Sweetwater Intercounty Commuting Flows, 2004Q4-2005Q4

Base County Sweetwater

| | | Date | | | | |
|---------|---------------|------------|------------|------------|------------|------------|
| | | 2004Q4 | 2005Q1 | 2005Q2 | 2005Q3 | 2005Q4 |
| Outflow | Target County | | | | | |
| | Albany | . | . | . | -1 | -1 |
| | Carbon | -4 | -3 | -5 | -7 | -4 |
| | Colorado | -1 | -2 | -1 | -1 | . |
| | Fremont | -1 | -1 | -1 | -2 | -1 |
| | Idaho | -1 | . | . | . | . |
| | Johnson | -1 | -1 | -1 | -1 | -1 |
| | Laramie | . | -1 | -3 | -2 | -1 |
| | Lincoln | -1 | -1 | . | -1 | -1 |
| | Natrona | -4 | -3 | -4 | -5 | -6 |
| | Park | . | . | . | -1 | . |
| | Sheridan | -1 | -2 | -2 | -1 | -1 |
| | Sublette | -1 | -1 | -3 | -3 | -3 |
| | Uinta | -10 | -10 | -9 | -13 | -11 |
| | Utah | . | -2 | -2 | -3 | -3 |
| | Z-Unknown | . | -1 | -1 | -1 | . |
| | Z-Unknown-WY | . | . | -3 | -1 | -5 |
| | Total | -25 | -28 | -35 | -43 | -38 |

IMPLAN Example

Allows us to conduct
“what if” scenarios

Example :“What if...”

Every household in Natrona County
received a \$250 tax rebate and...

The entire amount was spent by
consumers?

IMPLAN Results – Output (\$)

Output Results:

| Sector | Direct | Indirect | Induced | Total | |
|---|--------------------|------------------|------------------|--------------------|---|
| 28001: Domestic Trade | 2,978,384 | 0 | 0 | 2,978,384 | ▲ |
| 509: Owner-occupied dwellings | 833,987 | 0 | 112,072 | 946,059 | |
| 481: Food services and drinking places | 359,670 | 20,727 | 52,144 | 432,541 | |
| 465: Offices of physicians- dentists- and oth | 356,396 | 0 | 53,878 | 410,274 | |
| 25001: Foreign Trade | 368,426 | 0 | 0 | 368,426 | |
| 431: Real estate | 128,579 | 149,450 | 48,063 | 326,092 | |
| 467: Hospitals | 240,389 | 0 | 39,042 | 279,431 | |
| 390: Wholesale trade | 173,038 | 37,390 | 30,382 | 240,811 | |
| 401: Motor vehicle and parts dealers | 159,004 | 4,798 | 23,464 | 187,266 | |
| 430: Monetary authorities and depository cr | 116,929 | 21,593 | 19,837 | 158,359 | |
| 30: Power generation and supply | 88,436 | 29,126 | 18,067 | 135,629 | |
| 483: Automotive repair and maintenance- e | 103,665 | 5,780 | 16,498 | 125,943 | |
| 142: Petroleum refineries | 80,028 | 28,616 | 15,470 | 124,115 | |
| 410: General merchandise stores | 103,417 | 3,128 | 15,262 | 121,807 | |
| 405: Food and beverage stores | 100,406 | 3,112 | 14,829 | 118,347 | |
| 466: Other ambulatory health care services | 73,710 | 4,472 | 12,543 | 90,724 | |
| 499: Other State and local government ent | 59,459 | 12,606 | 10,970 | 83,035 | |
| 437: Legal services | 44,018 | 25,821 | 10,216 | 80,055 | |
| 404: Building material and garden supply str | 64,585 | 1,956 | 9,532 | 76,072 | |
| 19: Oil and gas extraction | 11,832 | 52,914 | 9,287 | 74,032 | |
| 412: Nonstore retailers | 58,845 | 1,778 | 8,684 | 69,307 | |
| 427: Insurance carriers | 47,506 | 13,215 | 8,394 | 69,115 | |
| 468: Nursing and residential care facilities | 58,898 | 0 | 9,922 | 68,820 | ▼ |
| Totals: | \$7,564,000 | \$860,213 | \$745,069 | \$9,169,282 | |

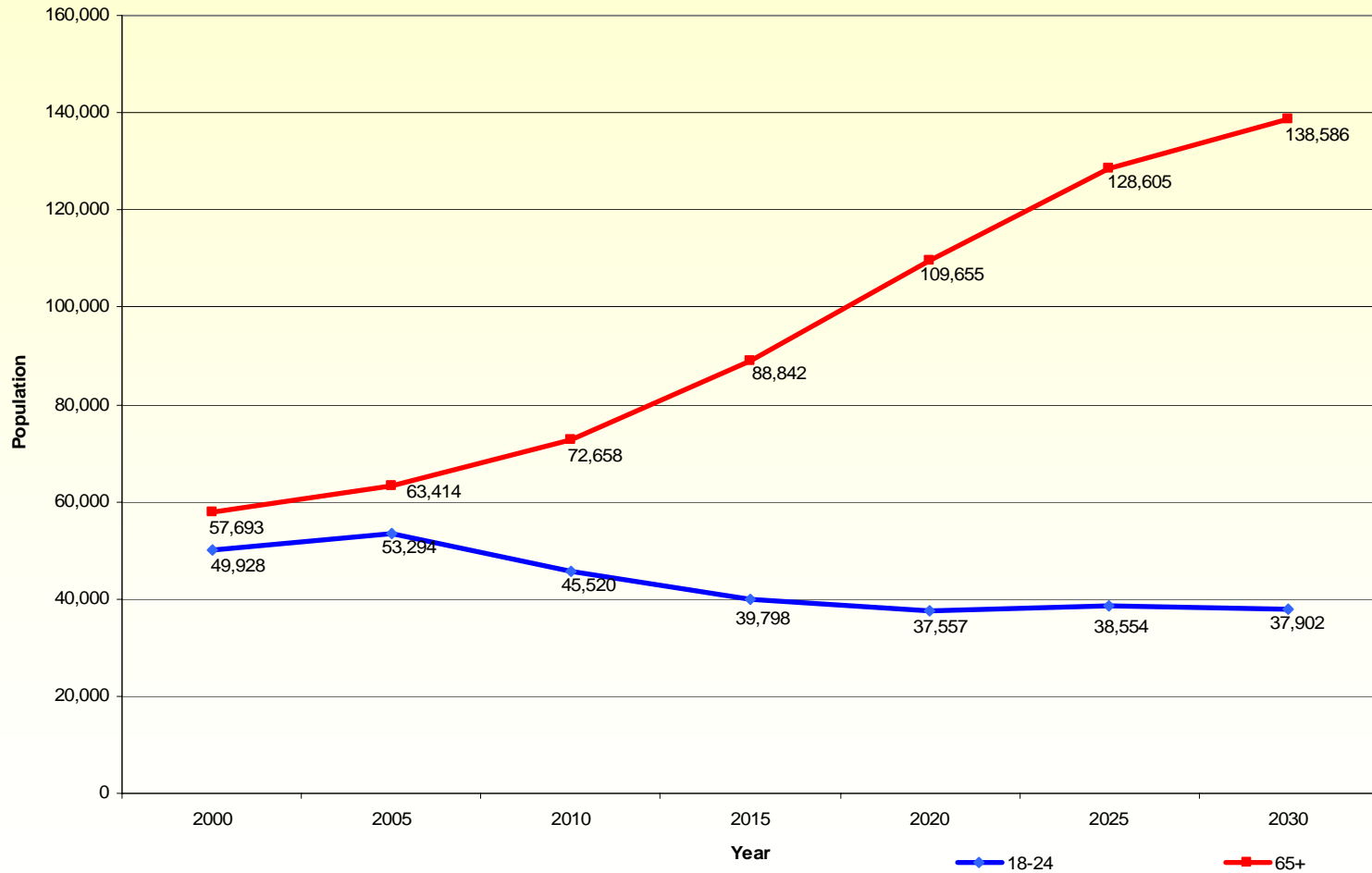
IMPLAN Results – Employment

Employment Results:

| Sector | Direct | Indirect | Induced | Total | |
|---|--------|----------|---------|-------|---|
| 481: Food services and drinking places | 9.0 | 0.5 | 1.3 | 10.8 | ▲ |
| 465: Offices of physicians- dentists- and oth | 3.8 | 0.0 | 0.6 | 4.4 | |
| 410: General merchandise stores | 2.7 | 0.1 | 0.4 | 3.1 | |
| 467: Hospitals | 2.3 | 0.0 | 0.4 | 2.7 | |
| 401: Motor vehicle and parts dealers | 2.1 | 0.1 | 0.3 | 2.5 | |
| 431: Real estate | 1.0 | 1.1 | 0.4 | 2.5 | |
| 470: Social assistance- except child day ca | 1.8 | 0.0 | 0.3 | 2.1 | |
| 390: Wholesale trade | 1.5 | 0.3 | 0.3 | 2.1 | |
| 411: Miscellaneous store retailers | 1.6 | 0.1 | 0.2 | 1.9 | |
| 405: Food and beverage stores | 1.6 | 0.1 | 0.2 | 1.9 | |
| 483: Automotive repair and maintenance- e | 1.5 | 0.1 | 0.2 | 1.8 | |
| 494: Private households | 1.6 | 0.0 | 0.2 | 1.8 | |
| 412: Nonstore retailers | 1.5 | 0.0 | 0.2 | 1.7 | |
| 408: Clothing and clothing accessories stor | 1.1 | 0.0 | 0.2 | 1.3 | |
| 468: Nursing and residential care facilities | 1.0 | 0.0 | 0.2 | 1.2 | |
| 409: Sporting goods- hobby- book and mus | 1.0 | 0.0 | 0.1 | 1.1 | |
| 426: Securities- commodity contracts- inves | 0.7 | 0.3 | 0.1 | 1.1 | |
| 479: Hotels and motels- including casino hc | 0.8 | 0.2 | 0.1 | 1.1 | |
| 404: Building material and garden supply stc | 0.9 | 0.0 | 0.1 | 1.1 | |
| 406: Health and personal care stores | 0.9 | 0.0 | 0.1 | 1.1 | |
| 437: Legal services | 0.6 | 0.3 | 0.1 | 1.0 | |
| 430: Monetary authorities and depository cr | 0.8 | 0.1 | 0.1 | 1.0 | |
| 491: Religious organizations | 0.8 | 0.0 | 0.2 | 1.0 | ▼ |
| Totals: | 51.2 | 9.0 | 9.0 | 69.2 | |

Aging Workforce

Figure: Projected Population Growth for Wyoming, 2000-2030



Earnings by Wage, Gender, & Industry: All Industries

Industry Distribution by Age and Gender 2004-2006 Total, All Industries

| Gender | Age Group | 2004 | | | 2006 | | | 2004-2006 | | |
|---------------|--------------|----------------|--------------|--------------|----------------|--------------|--------------|----------------|----------------|--------------|
| | | Number | Age % | Gender % | Number | Age % | Gender % | Numeric Change | Percent Change | Gender % |
| Women | Under 20 | 12,317 | 9.5 | | 11,372 | 8.8 | | -945 | -7.7 | |
| | 20-24 | 16,008 | 12.3 | | 14,670 | 11.4 | | -1,338 | -8.4 | |
| | 25-34 | 25,086 | 19.3 | | 24,859 | 19.3 | | -227 | -0.9 | |
| | 35-44 | 26,729 | 20.6 | | 24,966 | 19.4 | | -1,763 | -6.6 | |
| | 45-54 | 30,140 | 23.2 | | 30,642 | 23.8 | | 502 | 1.7 | |
| | 55-64 | 15,163 | 11.7 | | 17,266 | 13.4 | | 2,103 | 13.9 | |
| | 65+ | 4,301 | 3.3 | | 4,834 | 3.8 | | 533 | 12.4 | |
| | Unknown | 106 | 0.1 | | 61 | 0.0 | | -45 | -42.5 | |
| | Total | 129,850 | 100.0 | 40.0 | 128,670 | 100.0 | 36.6 | -1,180 | -0.9 | -4.4 |
| Men | Under 20 | 12,636 | 8.7 | | 11,755 | 8.0 | | -881 | -7.0 | |
| | 20-24 | 17,744 | 12.2 | | 16,669 | 11.4 | | -1,075 | -6.1 | |
| | 25-34 | 30,987 | 21.2 | | 30,692 | 21.0 | | -295 | -1.0 | |
| | 35-44 | 29,363 | 20.1 | | 28,447 | 19.4 | | -916 | -3.1 | |
| | 45-54 | 32,397 | 22.2 | | 32,962 | 22.5 | | 565 | 1.7 | |
| | 55-64 | 17,313 | 11.9 | | 19,706 | 13.5 | | 2,393 | 13.8 | |
| | 65+ | 5,351 | 3.7 | | 6,050 | 4.1 | | 699 | 13.1 | |
| | Unknown | 99 | 0.1 | | 64 | 0.0 | | -35 | -35.4 | |
| | Total | 145,890 | 100.0 | 45.0 | 146,345 | 100.0 | 41.6 | 455 | 0.3 | 1.7 |
| ~Nonresidents | Total | 48,767 | 100.0 | 15.0 | 76,586 | 100.0 | 21.8 | 27,819 | 57.0 | 102.7 |
| Total | Under 20 | 24,953 | 7.7 | | 23,127 | 6.6 | | -1,826 | -7.3 | |
| | 20-24 | 33,752 | 10.4 | | 31,339 | 8.9 | | -2,413 | -7.1 | |
| | 25-34 | 56,073 | 17.3 | | 55,551 | 15.8 | | -522 | -0.9 | |
| | 35-44 | 56,092 | 17.3 | | 53,413 | 15.2 | | -2,679 | -4.8 | |
| | 45-54 | 62,537 | 19.3 | | 63,604 | 18.1 | | 1,067 | 1.7 | |
| | 55-64 | 32,476 | 10.0 | | 36,972 | 10.5 | | 4,496 | 13.8 | |
| | 65+ | 9,652 | 3.0 | | 10,884 | 3.1 | | 1,232 | 12.8 | |
| | Unknown | 48,972 | 15.1 | | 76,711 | 21.8 | | 27,739 | 56.6 | |
| | Total | 324,507 | 100.0 | 100.0 | 351,601 | 100.0 | 100.0 | 27,094 | 8.3 | 100.0 |

Note: Persons working at any time during the year.

Nonresidents represent segment of the population without known demographics.

Unknown age are those with a birthdate less than 12 years prior to the year of work.

Prepared by S. Jones, Wyoming Department of Employment, Research & Planning May 17, 2007

Earnings by Wage, Gender, & Industry: Natural Resources & Mining

Industry Distribution by Age and Gender 2004-2006
Natural Resources & Mining (11, 21)

| Gender | Age Group | 2004 | | | 2006 | | | 2004-2006 | | |
|----------------------------|-----------|---------------|--------------|--------------|---------------|--------------|--------------|----------------|----------------|--------------|
| | | Number | Age % | Gender % | Number | Age % | Gender % | Numeric Change | Percent Change | Gender % |
| Women | Under 20 | 183 | 5.8 | | 182 | 4.8 | | -1 | -0.5 | |
| | 20-24 | 344 | 10.9 | | 441 | 11.6 | | 97 | 28.2 | |
| | 25-34 | 542 | 17.1 | | 727 | 19.1 | | 185 | 34.1 | |
| | 35-44 | 716 | 22.6 | | 828 | 21.8 | | 112 | 15.6 | |
| | 45-54 | 925 | 29.2 | | 1,083 | 28.5 | | 158 | 17.1 | |
| | 55-64 | 362 | 11.4 | | 437 | 11.5 | | 75 | 20.7 | |
| | 65+ | 88 | 2.8 | | 100 | 2.6 | | 12 | 13.6 | |
| | Unknown | 3 | 0.1 | | 2 | 0.1 | | -1 | -33.3 | |
| Total | | 3,163 | 100.0 | 10.4 | 3,800 | 100.0 | 9.6 | 637 | 20.1 | 6.9 |
| Men | Under 20 | 724 | 3.2 | | 740 | 2.9 | | 16 | 2.2 | |
| | 20-24 | 2,504 | 11.1 | | 3,063 | 11.9 | | 559 | 22.3 | |
| | 25-34 | 5,049 | 22.3 | | 6,288 | 24.5 | | 1,239 | 24.5 | |
| | 35-44 | 5,102 | 22.6 | | 5,289 | 20.6 | | 187 | 3.7 | |
| | 45-54 | 6,305 | 27.9 | | 6,777 | 26.4 | | 472 | 7.5 | |
| | 55-64 | 2,438 | 10.8 | | 2,946 | 11.5 | | 508 | 20.8 | |
| | 65+ | 473 | 2.1 | | 545 | 2.1 | | 72 | 15.2 | |
| | Unknown | 13 | 0.1 | | 18 | 0.1 | | 5 | 38.5 | |
| Total | | 22,608 | 100.0 | 74.4 | 25,666 | 100.0 | 64.9 | 3,058 | 13.5 | 33.3 |
| ~Nonresidents Total | | 4,618 | 100.0 | 15.2 | 10,108 | 100.0 | 25.5 | 5,490 | 118.9 | 59.8 |
| Total | Under 20 | 907 | 3.0 | | 922 | 2.3 | | 15 | 1.7 | |
| | 20-24 | 2,848 | 9.4 | | 3,504 | 8.9 | | 656 | 23.0 | |
| | 25-34 | 5,591 | 18.4 | | 7,015 | 17.7 | | 1,424 | 25.5 | |
| | 35-44 | 5,818 | 19.1 | | 6,117 | 15.5 | | 299 | 5.1 | |
| | 45-54 | 7,230 | 23.8 | | 7,860 | 19.9 | | 630 | 8.7 | |
| | 55-64 | 2,800 | 9.2 | | 3,383 | 8.5 | | 583 | 20.8 | |
| | 65+ | 561 | 1.8 | | 645 | 1.6 | | 84 | 15.0 | |
| | Unknown | 4,634 | 15.2 | | 10,128 | 25.6 | | 5,494 | 118.6 | |
| Total | | 30,389 | 100.0 | 100.0 | 39,574 | 100.0 | 100.0 | 9,185 | 30.2 | 100.0 |

Note: Persons working at any time during the year.

Nonresidents represent segment of the population without known demographics.

Unknown age are those with a birthdate less than 12 years prior to the year of work.

Prepared by S. Jones, Wyoming Department of Employment, Research & Planning May 17, 2007

Research Code of Ethics (Things R&P cannot do.)

1. Violate research subject (firms and individuals) confidentiality.
2. Conceal findings deemed unfavorable to a research sponsor or interested party.
3. Allow our name to be put on products whose content has not been fully under our control or which has not been prepared without full investigatory freedom.
4. Conduct studies to “Prove that ... something is true or false.” Science represents a process of hypothesis testing in which findings are produced as a function of probabilities.

“The cancellation of *Project Camelot* came as an act of government censorship, and an expression of the contempt for social science so prevalent among those who need it most.”

“The Life and Death of Project Camelot,” Irving Louis Horowitz, reproduced in *Sociological Methods; a sourcebook* 1970, p. 575.