Presentation Outline

- ER&A: A Basic Introduction
- Basic Information on the Data
- Accessing LMI on the DWS Website
- New LMI Products
- Career Solutions Demonstration
Presentation Outline

ER&A: A Basic Introduction

- Basic Information on the Data
- Accessing LMI on the DWS Website
- New LMI Products
- Career Solutions Demonstration
What is ER&A?

The main role of ER&A is to produce quality and timely data and targeted products on the workforce and labor market for all of DWS’s customers (that includes you!).

We strive to disseminate information, not just data.

What is the question we are answering or the problem we are helping to solve?

What we do is geared towards our mission:

Educate, Empower, and Employ
Data to Data Products

**LABOR MARKET DATA**

- Online Data Tools
- Analytical Publications
- Career & Employment Resources

**GRANT PROVIDERS**

U.S. Department of Labor

**Bureau of Labor Statistics**

- Current Employment Statistics (CES)
- Local Area Unemployment Statistics (LAUS)
- Quarterly Census of Employment & Wages (QCEW)
- Occupational Employment Statistics (OES)

Monthly News Release & Labor Market Review
Online Data (publications & interactive tools)

**Employment & Training Administration**

- Employment Projections
- Workforce & Economic Analysis Publications
- Career & Employment Resources
Audiences & Uses

Researchers | Job Seekers | Educators | Employers & Businesses | Economic Development | Policy Makers

Analysis Research Reporting
LASER
Economic Data
LMR & News Release
Regional Review

Policy Planning Funding
Employment Projections
Annual Social & Economic Indicators
State of the Workforce

Employment Career Exploration Job Matching
In-Demand Occupations
Career Guides
Star Occupations
Wage Sheets

Investments Business Decisions Strategies
Business Employment Dynamics
Wage Reports
Industry & Occupational
Presentation Outline

- ER&A: A Basic Introduction
- **BASIC INFORMATION ON THE DATA**
  - Accessing LMI on the DWS Website
  - New LMI Products
  - Career Solutions Demonstration
Basic Information on the Data

Local Area Unemployment Statistics
- Unemployment rate: most commonly known economic indicator
- Based on a national survey (small sample size)
- Monthly data based on person’s residence
- Data is comparable across all areas of the U.S.

Current Employment Statistics
- Second most familiar indicator
- Monthly estimates of payroll jobs
- Based on a survey of business establishments
- Usually used to look at job growth over time (often referred to as “over-the-year” growth)

*The most current data (as of the previous month).*

LAUS the household survey
CES the establishment survey

Up Next: Uses of LAUS and CES
Basic Information on the Data

**Uses**

of LAUS and CES

- Provide the pulse of the job market
- Used for policy and resource decisions because it’s compared across the nation
- Can impact financial markets and business operations

Knowing the unemployment rate helps in understanding what the job seeker is facing in your local job market. Know how your community compares with neighboring areas.

Up Next: Quarterly Census of Employment and Wages
Basic Information on the Data

Quarterly Census of Employment and Wages

- A quarterly count of jobs covered by NM unemployment insurance law
- Covers about 97 percent of nonagricultural workers
- Data available for detailed industries (suppression can be an issue)

Uses

- Know what types of business activities are particularly important in your area
- Find out which industries your area specializes in and that have large employment

*The most accurate data but not the most current (6 months old).*

Up Next: Occupational Employment Statistics
Basic Information on the Data

Occupational Employment Statistics
- Main source for occupational data (emp/wages)
- Surveys about 1,700 business establishments twice a year
- Measures full- and part-time workers

Uses
- Starting point for getting to know an individual’s skill set and experience
- Standard information on the skills/experience an individual needs to gain employment in his/her occupation
- Guiding a job seeker’s expectations of employment in an occupation
- See what people are earning and how wages compare to other areas in the nation

Up Next: Employment Projections
Basic Information on the Data

Industry and Occupational Employment Projections
- Completed every two years and projects employment 10 years into future
- Data for industries and detailed occupations
- One of ER&A’s most used data sets
- Summarized in many products and frequently combined with wage data

Uses
- Determining which occupations will see the fastest and largest job growth (identifying the best job opportunities)
- Decisions on education program investments and funding
- Assisting students and job seekers in exploring career options that have bright future opportunities
Basic Information on the Data: 
*Online Job Postings (aka Real-Time LMI)*

**Real-Time LMI**
- Fairly new data source for LMI
- Based on online job postings “spidered” from a variety of sites
- Becoming more commonly used in states across the nation
- Very timely indicator of hiring within the labor market

**Uses**
- Leading indicator of what is happening in specific job markets
- Local data can be particularly useful, although specific searches may provide insufficient data

*Has more issues than traditional data sources.*
## Basic Information on the Data:

### Other LMI Used and Published by ER&A

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Employment Dynamics</td>
<td>Business openings, closings, and job gains and losses</td>
</tr>
<tr>
<td>Quarterly Workforce Indicators</td>
<td>Job hires, separations, and turnover by detailed worker demographics and firm characteristics</td>
</tr>
<tr>
<td>Commuting Patterns</td>
<td>Detailed commuting patterns with ability to set unique geography</td>
</tr>
<tr>
<td>American Community Survey</td>
<td>Demographic data and other economic indicators</td>
</tr>
<tr>
<td>O*Net</td>
<td>Detailed occupational information (skills, education requirements, wages)</td>
</tr>
<tr>
<td>Education Data</td>
<td>2- and 4-year school and program listings and program completers, survey of licensed professionals by occupation</td>
</tr>
</tbody>
</table>
Presentation Outline

- ER&A: A Basic Introduction
- Basic Information on the Data
- **ACCESSING LMI ON THE DWS WEBSITE**
- New LMI Products
- Career Solutions Demonstration
Accessing the Data: NMDWS Website

**THE site for New Mexico LMI**

www.dws.state.nm.us/LMI
LMI Products: Economic Data

**Economic Data**

*Local Area Unemployment Statistics*
- Monthly & annual data publications

*Current Employment Statistics*
- 25-year history updated monthly

*Quarterly Census of Employment & Wages*
- Quarterly & annual data publications & size class data

*Business Employment Dynamics*
- Detailed data (off-site)

*Occupational Employment Statistics*
- Wage Reference Sheets

*Employment Projections*
- Bi-annual projections report

**Interactive Data**

- New Mexico Workforce Connection
- Career Solutions System
- Longitudinal Employer-Household Dynamics
- Business Employment Dynamics
- Equal Employment Opportunity Tabulation


<table>
<thead>
<tr>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Labor Market Review and Special Articles</td>
</tr>
<tr>
<td>Reports &amp; Special Analysis</td>
</tr>
<tr>
<td>Career &amp; Employment Resources</td>
</tr>
<tr>
<td>Veteran-Specific Reports &amp; Resources</td>
</tr>
<tr>
<td>Labor Market Information Resources &amp; Data Guides</td>
</tr>
<tr>
<td>Other Publications &amp; Resources</td>
</tr>
</tbody>
</table>

www.dws.state.nm.us/Labor-Market-Information/Publications/Economic-Research-Publications
Presentation Outline

- ER&A: A Basic Introduction
- Basic Information on the Data
- Accessing LMI on the DWS Website
- NEW LMI PRODUCTS
- Career Solutions Demonstration
New & Upcoming Products & Areas of Focus

- 2014–2024 Employment Projections Report & Analysis
- In-Demand Occupations Listing
- STAR Occupations Listing
- Vacancy Survey Analysis
- Updated Industry Spotlights & Occupational Bulletins
## 2014–2024 Employment Projections

<table>
<thead>
<tr>
<th>Region</th>
<th>Projected: % Growth</th>
<th>Numeric Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Mexico</td>
<td>7.7%</td>
<td>65,830 jobs</td>
</tr>
<tr>
<td>Central Region/ABQ MSA</td>
<td>8.0%</td>
<td>30,660 jobs</td>
</tr>
<tr>
<td>Eastern Region</td>
<td>6.7%</td>
<td>9,700 jobs</td>
</tr>
<tr>
<td>Northern Region</td>
<td>7.7%</td>
<td>15,420 jobs</td>
</tr>
<tr>
<td>Southwestern Region</td>
<td>8.8%</td>
<td>9,330 jobs</td>
</tr>
<tr>
<td>Farmington MSA</td>
<td>8.2%</td>
<td>4,360 jobs</td>
</tr>
<tr>
<td>Las Cruces MSA</td>
<td>9.6%</td>
<td>7,260 jobs</td>
</tr>
<tr>
<td>Santa Fe MSA</td>
<td>8.3%</td>
<td>5,360 jobs</td>
</tr>
</tbody>
</table>
2014–2024 Industry Employment Projections

Projected Numeric Employment Growth by Major Industry

NEW MEXICO 2014–2024

- Health Care & Social Assistance: 28,465
- Accommodation & Food Services: 13,160
- Educational Services: 6,877
- Retail Trade: 3,624
- Construction: 3,301
- Self-Employment & Unpaid Family Workers: 3,174
- Professional, Scientific & Technical Services: 2,412
- Finance & Insurance: 1,598
- Transportation & Warehousing: 986
- Arts, Entertainment & Recreation: 939
- Wholesale Trade: 930
- Other Services (Ex. Public Administration): 665
- Admin. & Support & Waste Mgmt & Remediation Services: 464
- Local Government: 345
- Federal Government: 197
- State Government: 186
- Real Estate & Rental & Leasing: 81
- Agriculture, Forestry, Fishing & Hunting: 74
- Mining, Quarrying & Oil & Gas Extraction: 63
- Management of Companies & Enterprises: 41
- Utilities: -245
- Information: -564
- Manufacturing: -944
2014–2024 Industry Employment Projections

Projected Percentage Employment Growth by Major Industry
NEW MEXICO
2014–2024

- Health Care & Social Assistance: 23.2%
- Accommodation & Food Services: 15.3%
- Educational Services: 8.8%
- Construction: 7.7%
- Finance & Insurance: 7.4%
- Arts, Entertainment & Recreation: 7.2%
- Self-Employment & Unpaid Family Workers: 6.0%
- Transportation & Warehousing: 5.1%
- Professional, Scientific & Technical Services: 4.6%
- Wholesale Trade: 4.3%
- Retail Trade: 3.9%
- Other Services (Ex. Public Administration): 3.2%
- Admin. & Support & Waste Mgmt & Remediation Services: 1.1%
- Federal Government: 0.8%
- State Government: 0.8%
- Local Government: 0.8%
- Management of Companies & Enterprises: 0.8%
- Real Estate & Rental & Leasing: 0.8%
- Agriculture, Forestry, Fishing & Hunting: 0.8%
- Mining, Quarrying & Oil & Gas Extraction: 0.2%
- Manufacturing: -3.4%
- Information: -4.5%
- Utilities: -5.5%
# 2014–2024 Occupation Employment Projections

<table>
<thead>
<tr>
<th>Major Occupation Group</th>
<th>Projected Employment Growth by Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Care &amp; Service</td>
<td>28.1%</td>
</tr>
<tr>
<td>Healthcare Support</td>
<td>18.8%</td>
</tr>
<tr>
<td>Healthcare Practitioners &amp; Technical</td>
<td>15.9%</td>
</tr>
<tr>
<td>Food Preparation &amp; Serving Related</td>
<td>14.0%</td>
</tr>
<tr>
<td>Community &amp; Social Service</td>
<td>13.1%</td>
</tr>
<tr>
<td>Education, Training &amp; Library</td>
<td>10.2%</td>
</tr>
<tr>
<td>All Occupations</td>
<td>7.7%</td>
</tr>
<tr>
<td>Computer &amp; Mathematical</td>
<td>7.7%</td>
</tr>
<tr>
<td>Life, Physical &amp; Social Science</td>
<td>6.5%</td>
</tr>
<tr>
<td>Business &amp; Financial Operations</td>
<td>6.4%</td>
</tr>
<tr>
<td>Management</td>
<td>6.1%</td>
</tr>
<tr>
<td>Building &amp; Grounds Cleaning &amp; Maintenance</td>
<td>5.7%</td>
</tr>
<tr>
<td>Transportation &amp; Material Moving</td>
<td>5.3%</td>
</tr>
<tr>
<td>Arts, Design, Entertainment, Sports &amp; Media</td>
<td>4.9%</td>
</tr>
<tr>
<td>Installation, Maintenance &amp; Repair</td>
<td>4.6%</td>
</tr>
<tr>
<td>Construction &amp; Extraction</td>
<td>4.4%</td>
</tr>
<tr>
<td>Sales &amp; Related</td>
<td>4.3%</td>
</tr>
<tr>
<td>Protective Service</td>
<td>2.5%</td>
</tr>
<tr>
<td>Office &amp; Administrative Support</td>
<td>1.9%</td>
</tr>
<tr>
<td>Architecture &amp; Engineering</td>
<td>1.5%</td>
</tr>
<tr>
<td>Legal</td>
<td>0.7%</td>
</tr>
<tr>
<td>Production</td>
<td>0.7%</td>
</tr>
<tr>
<td>-1.0%</td>
<td>Farming, Fishing &amp; Forestry</td>
</tr>
</tbody>
</table>
## 2014–2024 Occupation Employment Projections

### Detailed Occupations with the Most Projected Numeric Employment Growth

**NEW MEXICO**

**2014–2024**

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Projected Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Care Aides</td>
<td>9,074</td>
</tr>
<tr>
<td>Combined Food Prep. &amp; Serving Workers, Incl. Fast Food</td>
<td>3,997</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>2,761</td>
</tr>
<tr>
<td>Home Health Aides</td>
<td>2,219</td>
</tr>
<tr>
<td>Retail Salespersons</td>
<td>1,908</td>
</tr>
<tr>
<td>Waiters &amp; Waitresses</td>
<td>1,900</td>
</tr>
<tr>
<td>Cooks, Restaurant</td>
<td>1,542</td>
</tr>
<tr>
<td>Supervisors of Food Prep. &amp; Serving Workers</td>
<td>1,194</td>
</tr>
<tr>
<td>General &amp; Operations Managers</td>
<td>1,098</td>
</tr>
<tr>
<td>Childcare Workers</td>
<td>1,044</td>
</tr>
<tr>
<td>Customer Service Representatives</td>
<td>951</td>
</tr>
<tr>
<td>Medical Assistants</td>
<td>816</td>
</tr>
<tr>
<td>Supervisors of Office &amp; Administrative Support Workers</td>
<td>805</td>
</tr>
<tr>
<td>Construction Laborers</td>
<td>778</td>
</tr>
<tr>
<td>Maids &amp; Housekeeping Cleaners</td>
<td>758</td>
</tr>
<tr>
<td>Janitors &amp; Cleaners, Ex. Maids &amp; Housekeeping Cleaners</td>
<td>717</td>
</tr>
<tr>
<td>Teacher Assistants</td>
<td>715</td>
</tr>
<tr>
<td>Food Prep. Workers</td>
<td>660</td>
</tr>
<tr>
<td>Elementary School Teachers, Ex. Special Education</td>
<td>637</td>
</tr>
<tr>
<td>Nursing Assistants</td>
<td>635</td>
</tr>
</tbody>
</table>
2014–2024 Occupation Employment Projections

Detailed Occupations with the Largest Projected Percentage Employment Growth

NEW MEXICO
2014–2024

- Personal Care Aides: 42.2%
- Home Health Aides: 40.2%
- Physical Therapist Assistants: 36.5%
- Physical Therapist Aides: 35.9%
- Physical Therapists: 32.6%
- Nurse Practitioners: 32.0%
- Personal Financial Advisors: 31.5%
- Operations Research Analysts: 29.5%
- Diagnostic Medical Sonographers: 29.2%
- Interpreters & Translators: 28.1%
- Occupational Therapists: 27.4%
- Machine Feeders & Offbearers: 27.2%
- Counselors, All Other: 26.7%
- Cardiovascular Technologists & Technicians: 26.3%
- Health Technologists & Technicians, All Other: 25.5%
- Septic Tank Servicers & Sewer Pipe Cleaners: 24.8%
- Speech-Language Pathologists: 24.6%
- Occupational Therapy Assistants: 24.1%
- Cooks, Restaurant: 24.0%
- Ophthalmic Laboratory Technicians: 24.0%

Includes occupations with 2014 employment of at least 115 and total annual openings of at least 5.
# 2014–2024 Occupation Employment Projections

## Detailed Occupations with the Most Projected Annual Job Openings

### NEW MEXICO

### 2014–2024

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Growth Openings</th>
<th>Replacement Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Salespersons</td>
<td>191</td>
<td>1,183</td>
</tr>
<tr>
<td>Personal Care Aides</td>
<td>907</td>
<td>1,081</td>
</tr>
<tr>
<td>Combined Food Prep. &amp; Serving Workers, Incl. Fast Food</td>
<td>400</td>
<td>1,013</td>
</tr>
<tr>
<td>Waiters &amp; Waitresses</td>
<td>190</td>
<td>974</td>
</tr>
<tr>
<td>Cashiers</td>
<td>39</td>
<td>930</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>276</td>
<td>661</td>
</tr>
<tr>
<td>General &amp; Operations Managers</td>
<td>110</td>
<td>503</td>
</tr>
<tr>
<td>Customer Service Representatives</td>
<td>95</td>
<td>434</td>
</tr>
<tr>
<td>Construction Laborers</td>
<td>78</td>
<td>350</td>
</tr>
<tr>
<td>Home Health Aides</td>
<td>222</td>
<td>347</td>
</tr>
<tr>
<td>Cooks, Restaurant</td>
<td>154</td>
<td>324</td>
</tr>
<tr>
<td>Janitors &amp; Cleaners, Ex. Maids &amp; Housekeeping Cleaners</td>
<td>72</td>
<td>322</td>
</tr>
<tr>
<td>Supervisors of Retail Sales Workers</td>
<td>50</td>
<td>313</td>
</tr>
<tr>
<td>Stock Clerks &amp; Order Fillers</td>
<td>35</td>
<td>310</td>
</tr>
<tr>
<td>Supervisors of Food Prep. &amp; Serving Workers</td>
<td>119</td>
<td>308</td>
</tr>
<tr>
<td>Labourers &amp; Freight, Stock &amp; Material Movers, Hand</td>
<td>41</td>
<td>302</td>
</tr>
<tr>
<td>Maids &amp; Housekeeping Cleaners</td>
<td>76</td>
<td>281</td>
</tr>
<tr>
<td>Maintenance &amp; Repair Workers, General</td>
<td>49</td>
<td>256</td>
</tr>
<tr>
<td>Office Clerks, General</td>
<td>19</td>
<td>255</td>
</tr>
<tr>
<td>Secretaries &amp; Admin. Assts, Ex. Legal, Medical &amp; Executive</td>
<td>34</td>
<td>252</td>
</tr>
</tbody>
</table>

Growth and total projected openings labels are shown.
In-Demand Occupations

CRITERIA FOR DETERMINING DEMAND

An in-demand occupation is any occupation that meets both of these two criteria:

MORE JOB OPENINGS

Projected annual openings are greater than the openings of at least 75 percent of all occupations (i.e., in the top 25th percentile for openings) for the area.

FASTER JOB GROWTH

The projected percentage growth of employment in the occupation is higher than the average percentage growth for all occupations in the area.
In-Demand Occupations

FOR NEW MEXICO, THAT MEANS AT LEAST...

Projected Average ANNUAL Job Openings of

31 or more

Projected Employment Growth (%) of

7.7% or more

EXAMPLES:

Associate’s Degree or Higher
  Physical Therapists
  Postsecondary Health Specialties Teachers
  Nurse Practitioners
  Speech-Language Pathologists
  Registered Nurses
  Medical & Clinical Laboratory Technologists
  Preschool Teachers
  Respiratory Therapists

No Formal Credential to Postsecondary Non-Degree Award
  Teacher Assistants
  Dental Assistants
  Childcare Workers
  Supervisors of Food Prep. & Serving Workers
  Personal Care Aides
  Home Health Aides
  Combined Food Prep. & Serving Workers
CRITERIA FOR DETERMINING STAR OCCUPATIONS

LEVEL OF DEMAND
The occupation must be an in-demand occupation.

Is the occupation projected to have some of the largest and fastest growth?

*In Demand* = 75th percentile for openings & 50th percentile for percentage growth

*High Growth* = 90th percentile for openings & 75th percentile for percentage growth

WAGES

Is the occupation’s median wage:

Greater than the median of all occupations?

Greater than the median of occupations that require the same education?

*Top Wage* = BOTH

*High Wage* = Greater than the all-occupation median

*Education Wage* = Greater than the education median
STAR Occupations

SELECT STAR OCCUPATIONS

5
Registered Nurses | Electricians | Medical & Health Services Managers
Insurance Sales Agents | Industrial Machinery Mechanics

4
Physical Therapists | Pharmacists | Nurse Practitioners | Postsecondary Education Administrators
Administrative Services Managers | Applications
Software Developers | Respiratory Therapists | Dental Hygienists | Social & Human Service Assistants
Bus & Truck Mechanics | Computer User Support Specialists | HVAC Mechanics & Installers

3
Clinical, Counseling & School Psychologists | K-12 School Teachers
Mental Health Counselors | Healthcare Social Workers | Medical & Clinical Laboratory Technicians & Technologists
Loan Officers | Emergency Medical Technicians & Paramedics

New Mexico Department of Workforce Solutions
Presentation Goals

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