

# Job Growth in Oregon

Industry and Occupational Employment  
Projections Through 2022

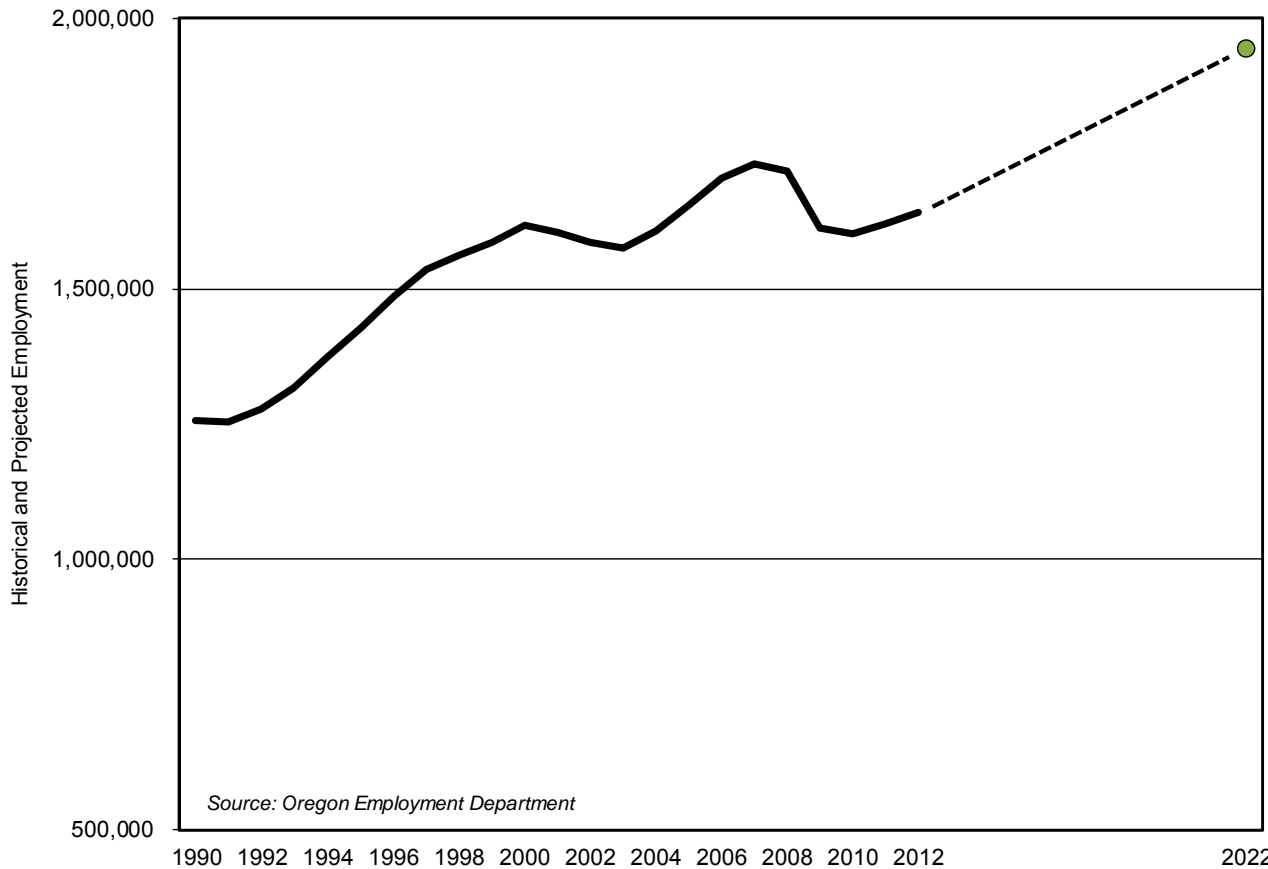
Oregon Healthcare Workforce Institute

April 2, 2014



# The projected growth will take us far beyond our pre-recession employment levels.

Oregon to Add 258,000 Jobs by 2022



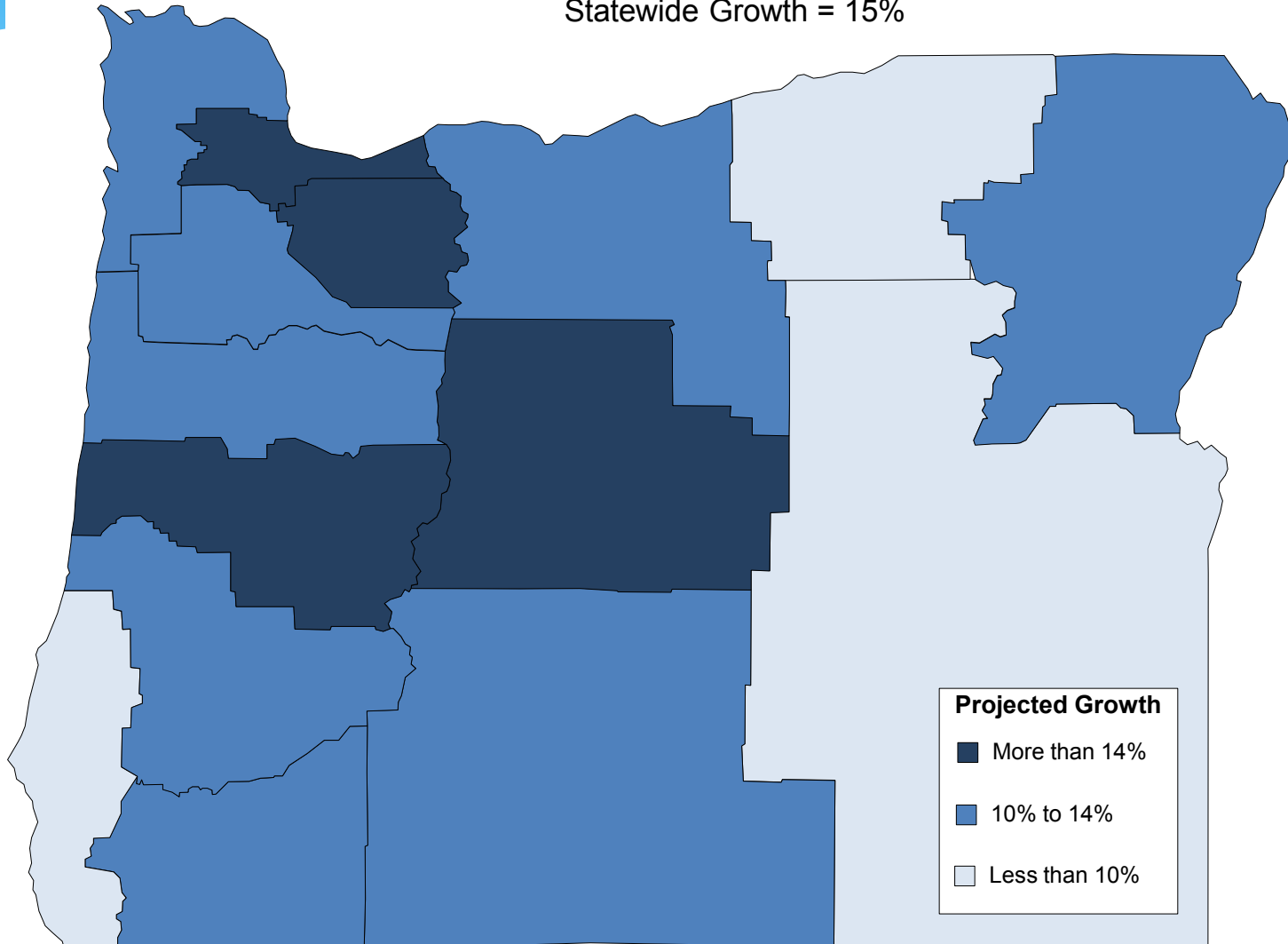
- \* 258,000 jobs over ten years is well above the 100,000 jobs added in the past 10 years.
- \* 15% growth over ten years is stronger than the 6% growth seen over the past decade

# Key Factors

- \* Continuing population growth.
- \* The need to replace baby boom retirees (even though many will work longer than planned).
- \* Continued growth in health care, in part because of those aging baby boomers.
- \* Strong growth in construction, recovering from large recession losses.

# Some very rural areas have super-slow growth.

**Faster Job Growth Projected in Portland Area and Central Oregon, 2012-2022**  
Statewide Growth = 15%



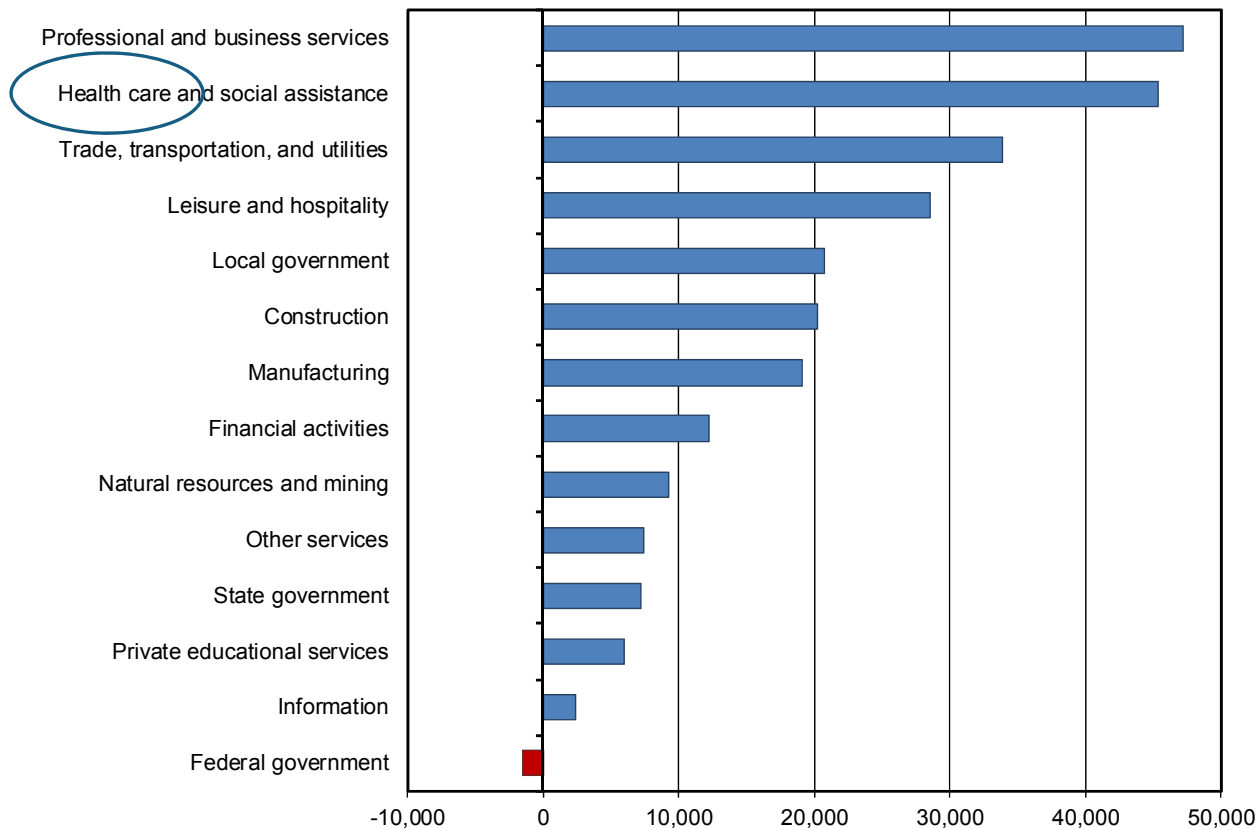
# “Industry” vs “Occupation”

- \* “Healthcare industry” includes ALL workers in the industry
  - \* A hospital employs nurses, baristas and janitors...
- \* “Healthcare occupations” are those occupations that are directly healthcare related
  - \* Podiatrists, audiologists, phlebotomists, nurses...

Starting with Industry data....

# Computer systems design, nursing and residential care facilities, and ambulatory care facilities drive the growth in the professional/business and health industry sectors.

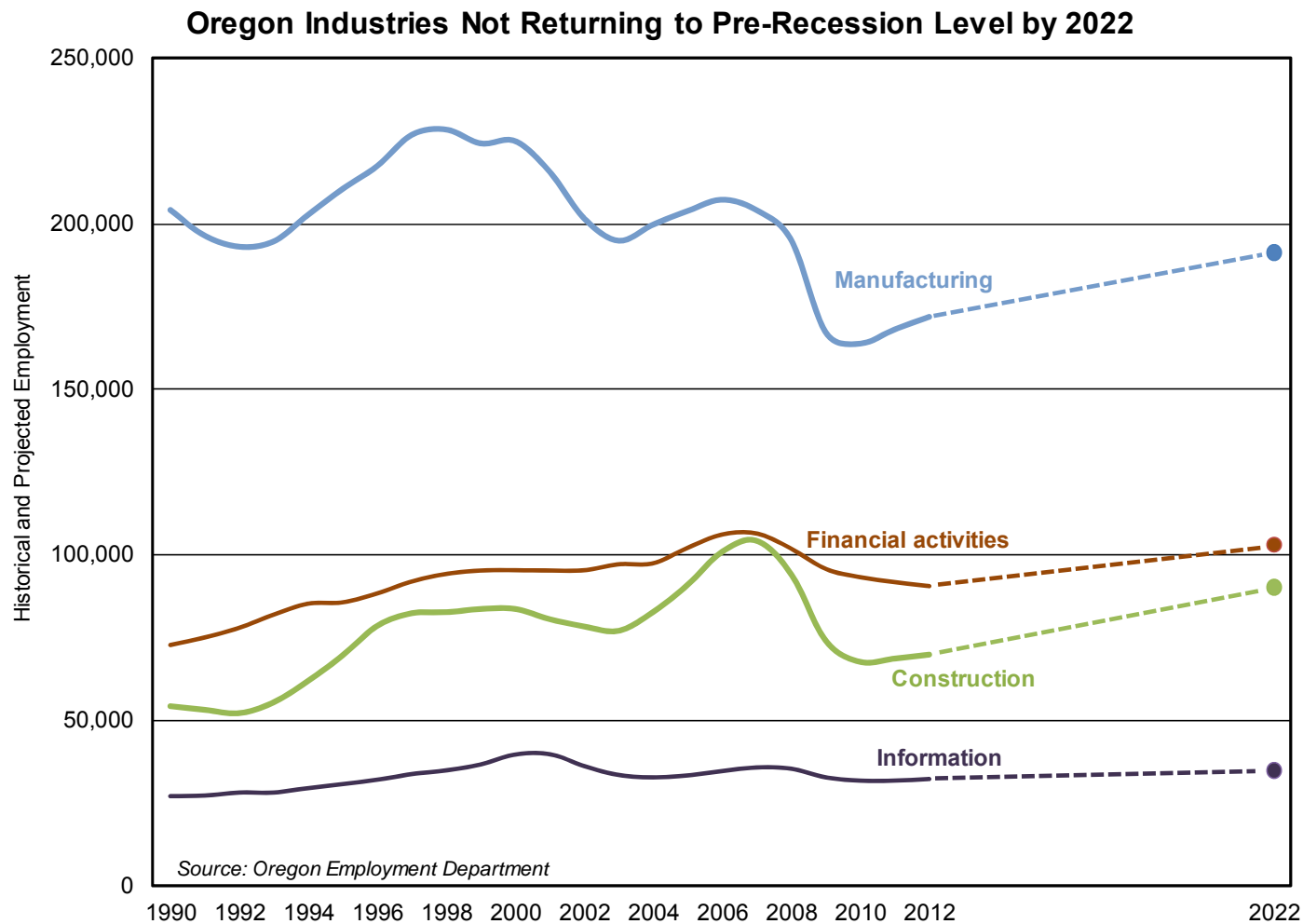
All Oregon Private Industry Sectors Expected to Add Jobs, 2012-2022



Source: Oregon Employment Department

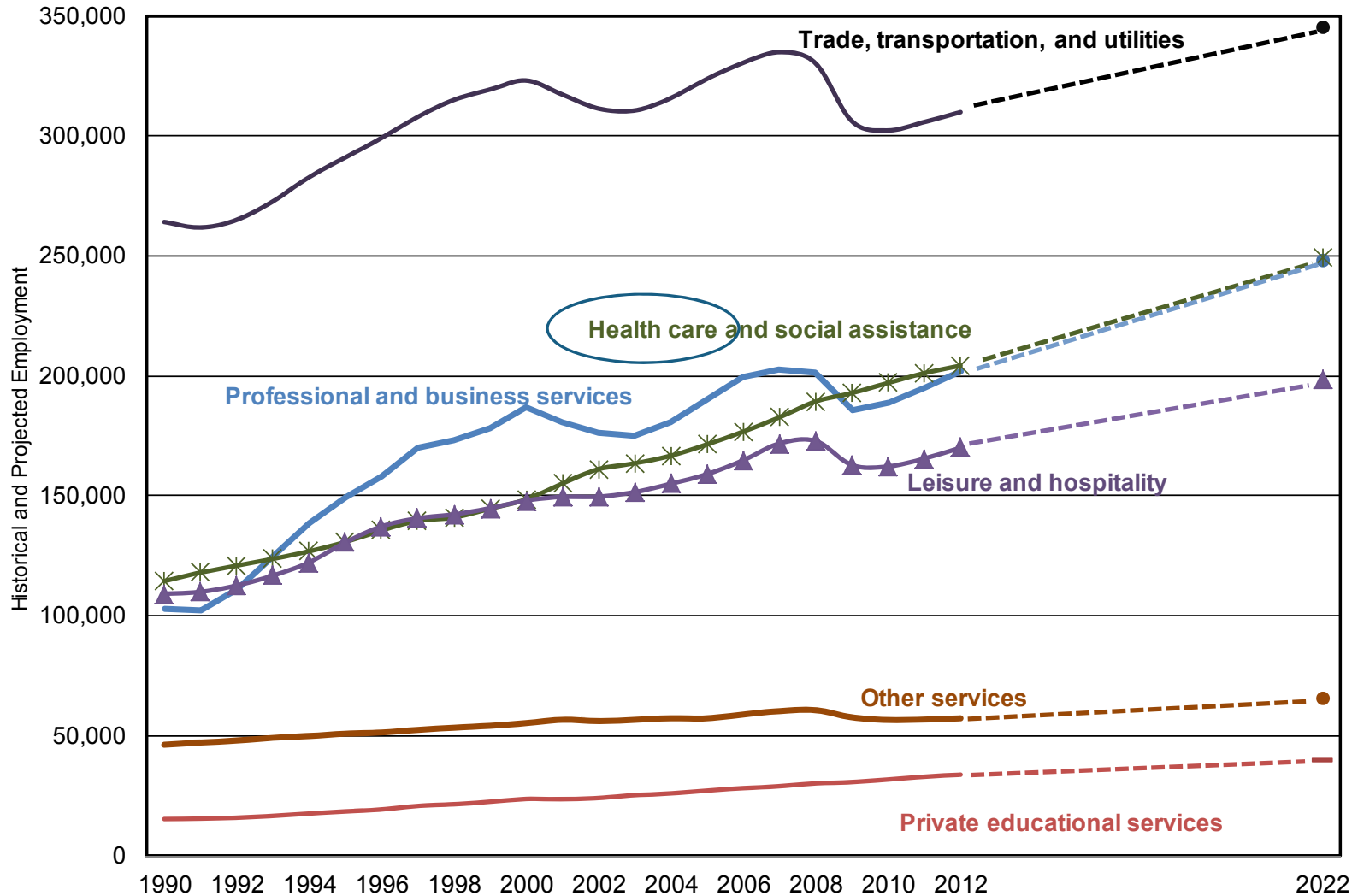
\* Federal government is the only industry projected to decline, largely due to losses in postal employment

Despite its strong growth, construction will not return to its pre-recession employment level by 2022. Nor will manufacturing, financial activities, or information.



On a brighter note, many industries will regain and surpass their pre-recession employment levels.

Oregon Industries Growing Past Pre-Recession Level by 2022



Health care and private educational services never really had a recessionary slump.

Source: Oregon Employment Department



# All sectors in healthcare continuing their upward trend

- Growth above statewide average of 15%
- Hospital growth expected to be slightly below statewide average
  - Shift to care in offices of physicians and away from hospitals

|   | <b>2012</b> | <b>2022</b> | <b>Change</b> | <b>% Change</b> |
|---|-------------|-------------|---------------|-----------------|
| Health care and social assistance       | 204,100     | 249,400     | 45,300        | 22%             |
| Ambulatory health care services         | 74,000      | 93,100      | 19,100        | 26%             |
| Hospitals                               | 53,500      | 61,100      | 7,600         | 14%             |
| Nursing and residential care facilities | 44,100      | 55,900      | 11,800        | 27%             |
| Social assistance                       | 32,500      | 39,300      | 6,800         | 21%             |

# Switching to Occupations....

Healthcare  
occupations  
found in variety  
of industries

|   | 2012<br>Employment |
|---|--------------------|
| General Medical and Surgical Hospitals  | 41,472             |
| Offices of Physicians   | 21,652             |
| Offices of Dentists   | 11,751             |
| Continuing Care Retirement Communities and Assisted Living<br>Facilities for the Elderly            | 9,226              |
| Nursing Care Facilities (Skilled Nursing Facilities)  | 7,784              |
| Outpatient Care Centers   | 7,452              |
| Colleges and Universities   | 6,720              |
| Executive, Legislative and General Government<br>Administration of Human Resource Programs          | 3,948              |
| Veterinary Services   | 3,796              |
| Individual and Family Services  | 3,651              |
| Residential Intellectual & Developmental Disability, Mental<br>Health, & Substance Abuse Facilities | 3,383              |
| Offices of Physical, Occupational, and Speech Therapists,<br>and Audiologists                       | 3,282              |
| Federal Government, Excluding Post Office   | 3,189              |
| Home Health Care Services   | 2,700              |
| Pharmacies and Drug Stores  | 2,353              |
| Medical and Diagnostic Laboratories   | 2,295              |
| Offices of Chiropractors  | 2,217              |
| Management of Companies and Enterprises   | 2,053              |
| Offices of All Other Health Practitioners   | 2,051              |
| Employment Services   | 1,794              |
| Psychiatric and Substance Abuse Hospitals   | 1,518              |
| Other General Merchandise Stores  | 1,353              |
| Offices of Optometrists   | 1,268              |
| Offices of Mental Health Practitioners (except Physicians)  | 1,237              |
| Ambulance Services  | 1,168              |
|   | 1,144              |

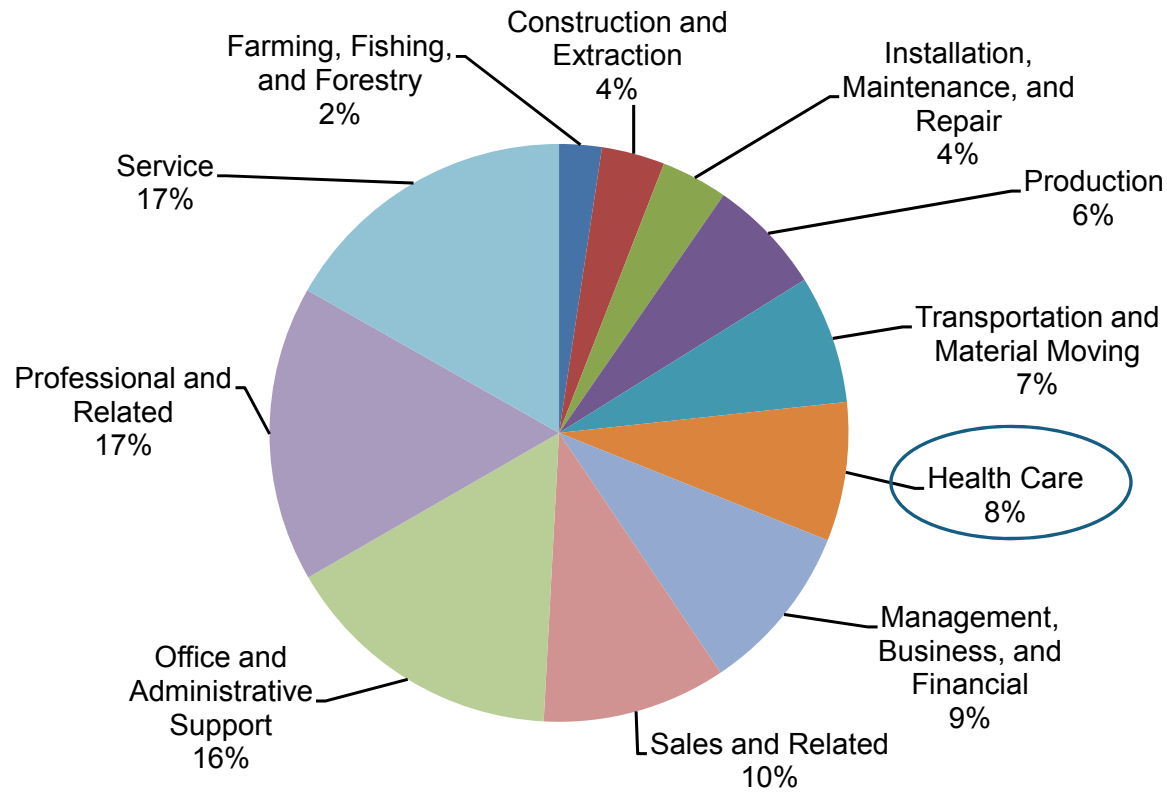
## Industries, cont.

From  
education  
to retail,  
and  
insurance  
to child care

|  | 2012<br><u>Employment</u> |
|--|---------------------------|
| Elementary and Secondary Schools                                       | 896                       |
| Medical Equipment and Supplies Manufacturing                           | 851                       |
| Department Stores  | 834                       |
| Grocery Stores   | 795                       |
| Justice, Public Order, and Safety Activities                           | 743                       |
| All Other Professional, Scientific, and Technical Services             | 717                       |
| Insurance Carriers   | 696                       |
| Vocational Rehabilitation Services                                     | 656                       |
| Personal Care Services   | 618                       |
| Blood and Organ Banks  | 618                       |
| Specialty (except Psychiatric and Substance Abuse) Hospitals           | 605                       |
| Other Residential Care Facilities                                      | 569                       |
| Electronic Shopping and Mail Order Houses                              | 438                       |
| Management, Scientific, and Technical Consulting Services              | 420                       |
| Optical Goods Stores   | 400                       |
| Community Food and Housing, and Emergency and<br>Other Relief Services | 387                       |
| Child Day Care Services  | 304                       |
| Colleges, Universities, and Professional Schools                       | 267                       |
| All Other Health and Personal Care Stores                              | 254                       |
| Offices of Podiatrists   | 251                       |
| Computer Systems Design and Related Services                           | 228                       |
| Document Preparation Services  | 209                       |
| Telemarketing Bureaus and Other Contact Centers                        | 182                       |
| Other Support Services   | 175                       |
| Scientific Research and Development Services                           | 164                       |

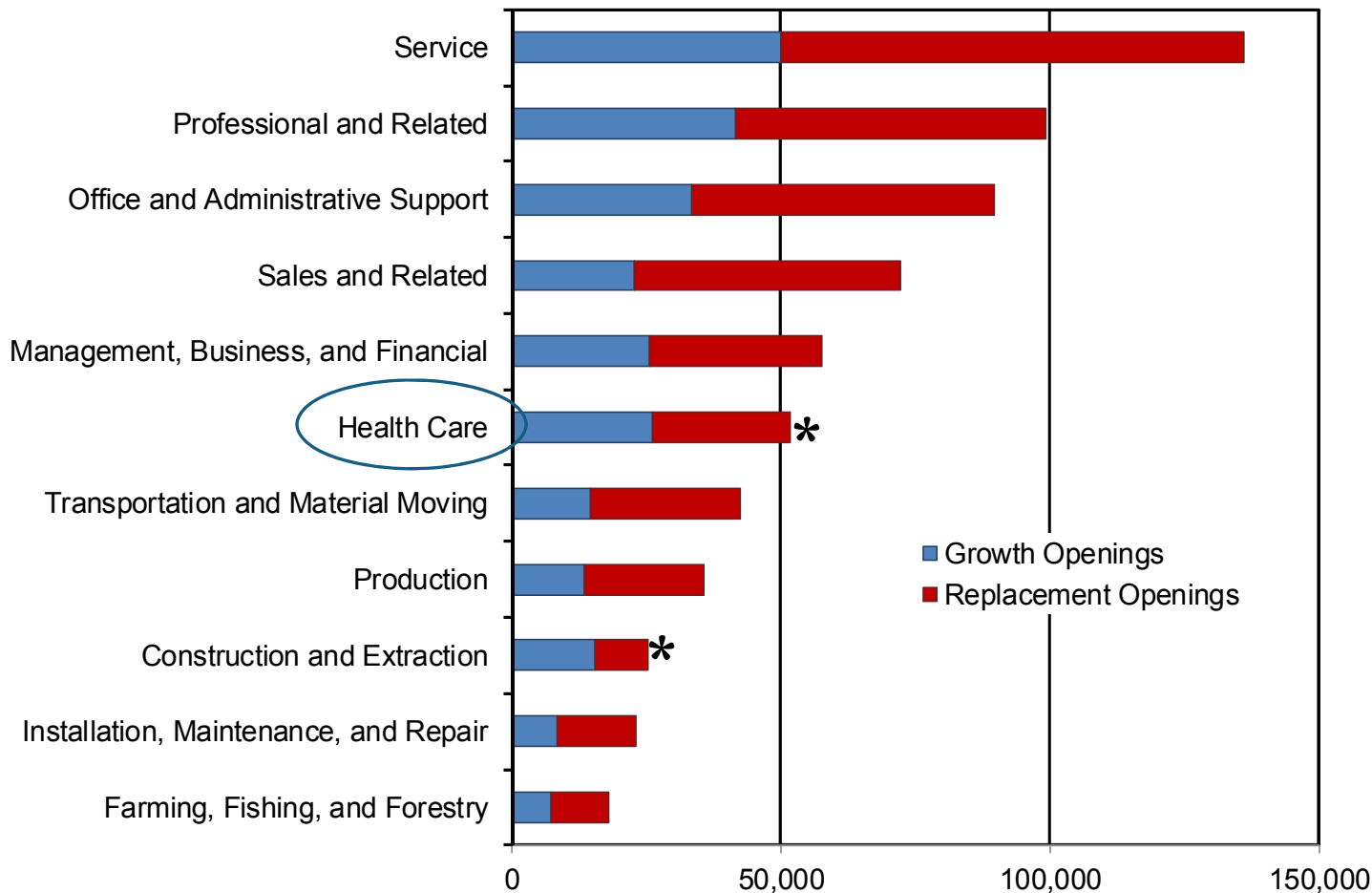
# One out of 12 jobs in Oregon are healthcare jobs

**Oregon Employment by Broad Occupational Group, 2012**



# Healthcare and construction only sectors with more job openings due to growth than replacement needs

Growth Openings vs. Replacement Openings in Oregon, 2012-2022



Top two occupations with most openings in services:

- \* Combined Food Prep and Serving Workers
- \* Waiters and Waitresses

Top two occupations with most openings in professional:

- \* Teacher Assistants
- \* Postsecondary Teachers

# Healthcare occupations among the fastest growing in the state

## 20 Fastest Growing Occupations in Oregon, 2012-2022

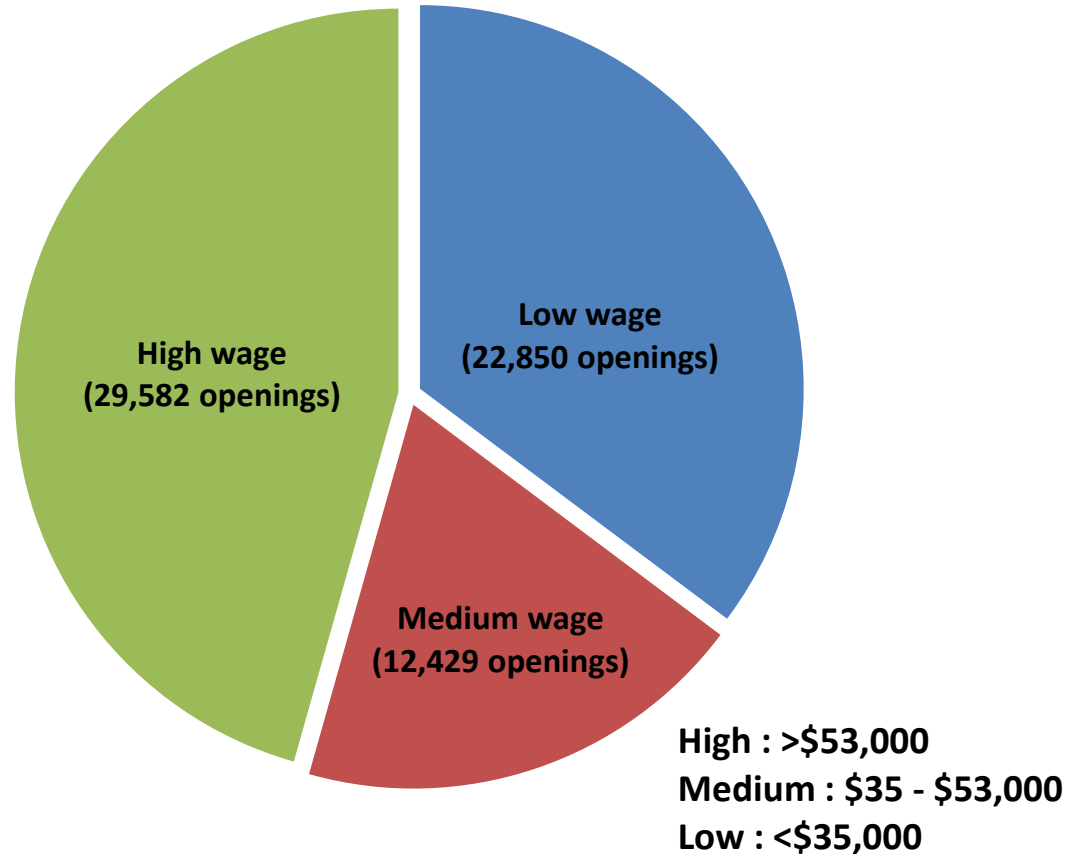
| Standard Occupational Classification Title            | 2012 Employment | Percent Change |
|---|-----------------|----------------|
| Skincare Specialists                                  | 297             | 57.2%          |
| Numerical Tool and Process Control Programmers        | 462             | 47.2%          |
| Survey Researchers                                    | 177             | 44.6%          |
| Gaming Service Workers, All Other                     | 36              | 41.7%          |
| Choreographers  | 237             | 40.9%          |
| Roofers   | 1,963           | 39.5%          |
| Anthropologists and Archeologists                     | 226             | 39.4%          |
| Podiatrists   | 64              | 39.1%          |
| Brickmasons and Blockmasons                           | 460             | 38.9%          |
| Physician Assistants                                  | 931             | 38.7%          |
| Insulation Workers, Floor, Ceiling, and Wall          | 450             | 38.7%          |
| Fence Erectors  | 415             | 38.3%          |
| Travel Guides   | 235             | 38.3%          |
| Stonemasons   | 34              | 38.2%          |
| Diagnostic Medical Sonographers                       | 469             | 38.2%          |
| Animal Trainers                                       | 152             | 38.2%          |
| Market Research Analysts and Marketing Specialists    | 2,390           | 37.8%          |
| Nurse Midwives  | 171             | 37.4%          |
| Mason's and Tile and Marble Setter's Helpers          | 273             | 37.4%          |
| Geographers   | 43              | 37.2%          |
| Roofer's Helpers                                      | 97              | 37.1%          |
| Plasterers and Stucco Masons                          | 235             | 37.0%          |
| Painters, Construction and Maintenance                | 3,306           | 37.0%          |
| Painter's, Paperhanger's, Plasterer's, and Stucco Mas | 142             | 36.6%          |
| Physical Therapist Aides                              | 605             | 36.5%          |

# Fastest growing healthcare occupations

|   | 2012<br>Employment | 2022<br>Employment | Employment<br>Change | Percent<br>Change |
|---|--------------------|--------------------|----------------------|-------------------|
| Podiatrists   | 64                 | 89                 | 25                   | 39.1%             |
| Physician Assistants                                    | 931                | 1,291              | 360                  | 38.7%             |
| Diagnostic Medical Sonographers                         | 469                | 648                | 179                  | 38.2%             |
| Nurse Midwives  | 171                | 235                | 64                   | 37.4%             |
| Physical Therapist Aides                                | 605                | 826                | 221                  | 36.5%             |
| Medical Equipment Repairers                             | 592                | 807                | 215                  | 36.3%             |
| Optometrists  | 404                | 550                | 146                  | 36.1%             |
| Home Health Aides                                       | 7,101              | 9,502              | 2,401                | 33.8%             |
| Audiologists  | 220                | 293                | 73                   | 33.2%             |
| Physical Therapist Assistants                           | 582                | 768                | 186                  | 32.0%             |
| Medical Secretaries                                     | 12,382             | 16,167             | 3,785                | 30.6%             |
| Health Diagnosing and Treating Practitioners, All Other | 383                | 499                | 116                  | 30.3%             |
| Occupational Therapy Assistants                         | 180                | 233                | 53                   | 29.4%             |
| Orthotists and Prosthetists                             | 106                | 137                | 31                   | 29.3%             |
| Marriage and Family Therapists                          | 458                | 591                | 133                  | 29.0%             |

# Almost half of healthcare job openings will be high wage

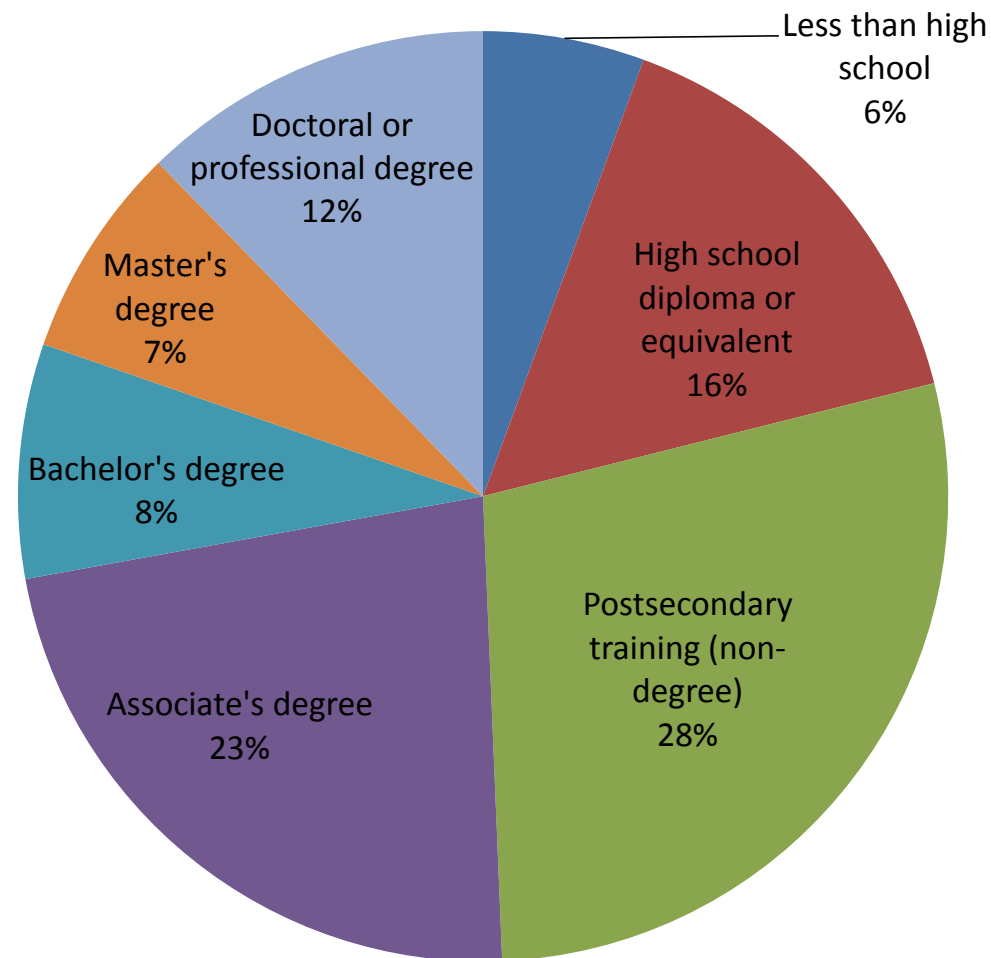
## Healthcare Occupational Job Openings, 2012-2022





# A degree is the typical entry level education for half of healthcare job openings

## Healthcare Occupational Job Openings, 2012-2022



# To summarize:

- \* Healthcare...
  - \* Made it through the recession with flying colors
  - \* Occupations found in a variety of industries
  - \* Growing faster than the statewide average of 15%
  - \* Has a larger share of openings due to growth than replacement
  - \* Openings are good paying jobs and most require higher levels of education

**Brenda Turner, Occupational Economist**  
Oregon Employment Department  
[Brenda.P.Turner@state.or.us](mailto:Brenda.P.Turner@state.or.us)  
(503) 947-1233

**Join the conversation:**  
OregonEmployment.blogspot.com  
Twitter @OrEmployment

