

Idaho's Rural Economy



For Idaho Rural Partnership 4/8/2015

Projections of Idaho Jobs by Industry and Occupation 2012 to 2022



Background



- Biennial Study – Bureau of Labor Statistics



- Industry vs. Occupations

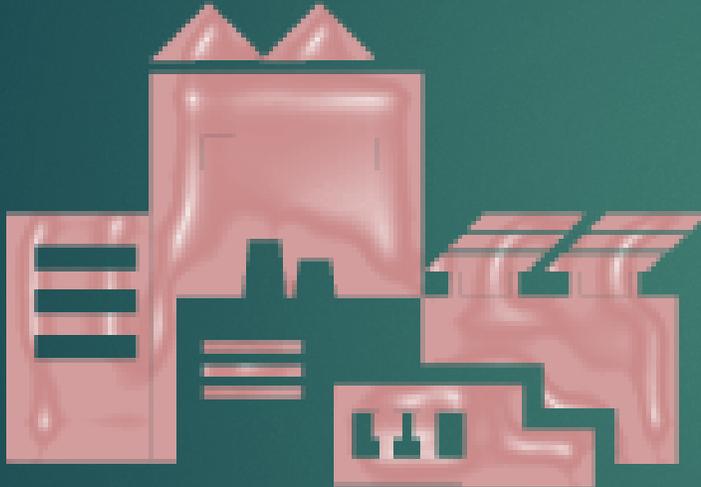


- Number of Occupations Covered

Total Employment

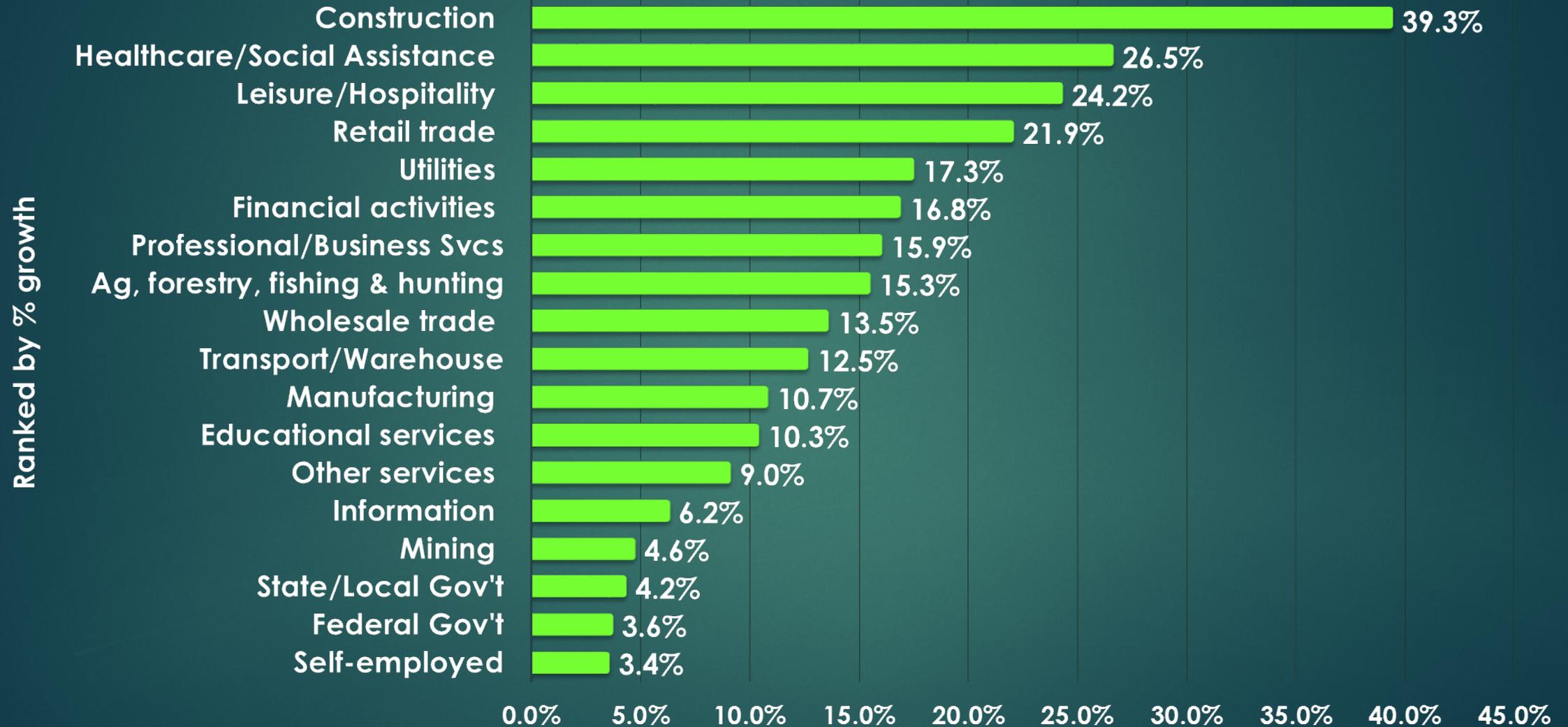


Industry Projections 2012 to 2022



Industry Job Growth: 2012-2022

Projected 2022 Percent Change

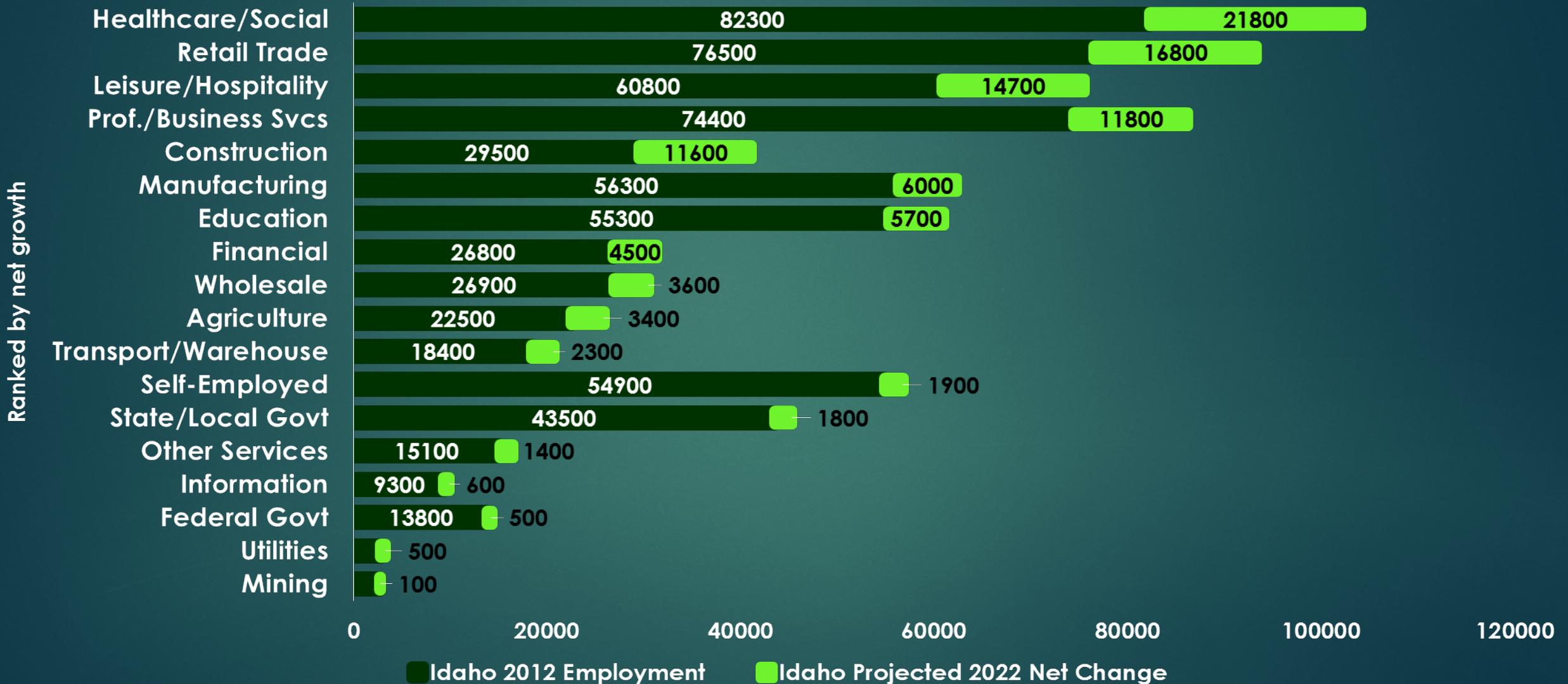


Idaho Industry:

2012 Employment & 2022 Projected Net Growth Compared



IDAHO
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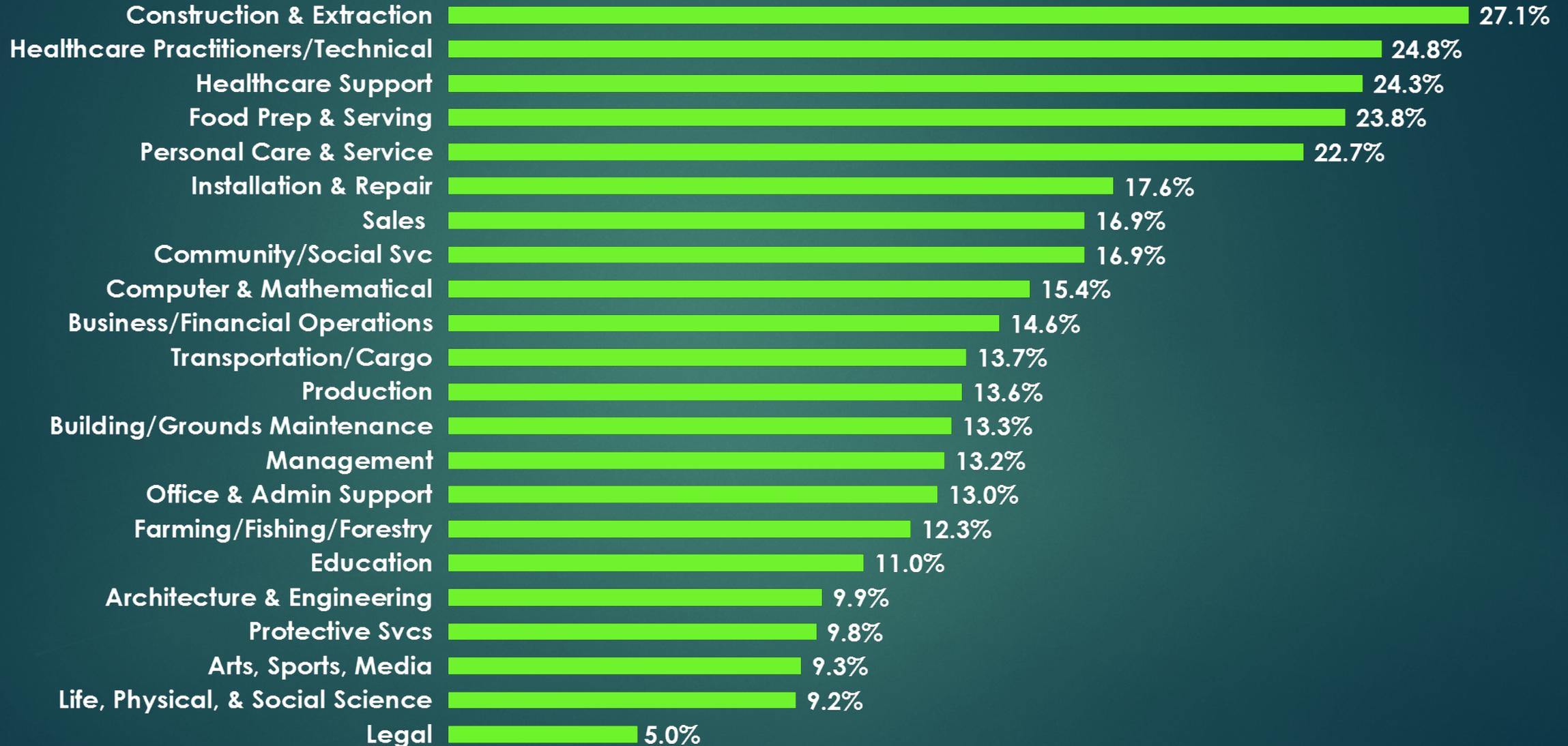


Occupations 2012 to 2022





Idaho Occupations: 2012-2022 Projected Percent Job Growth

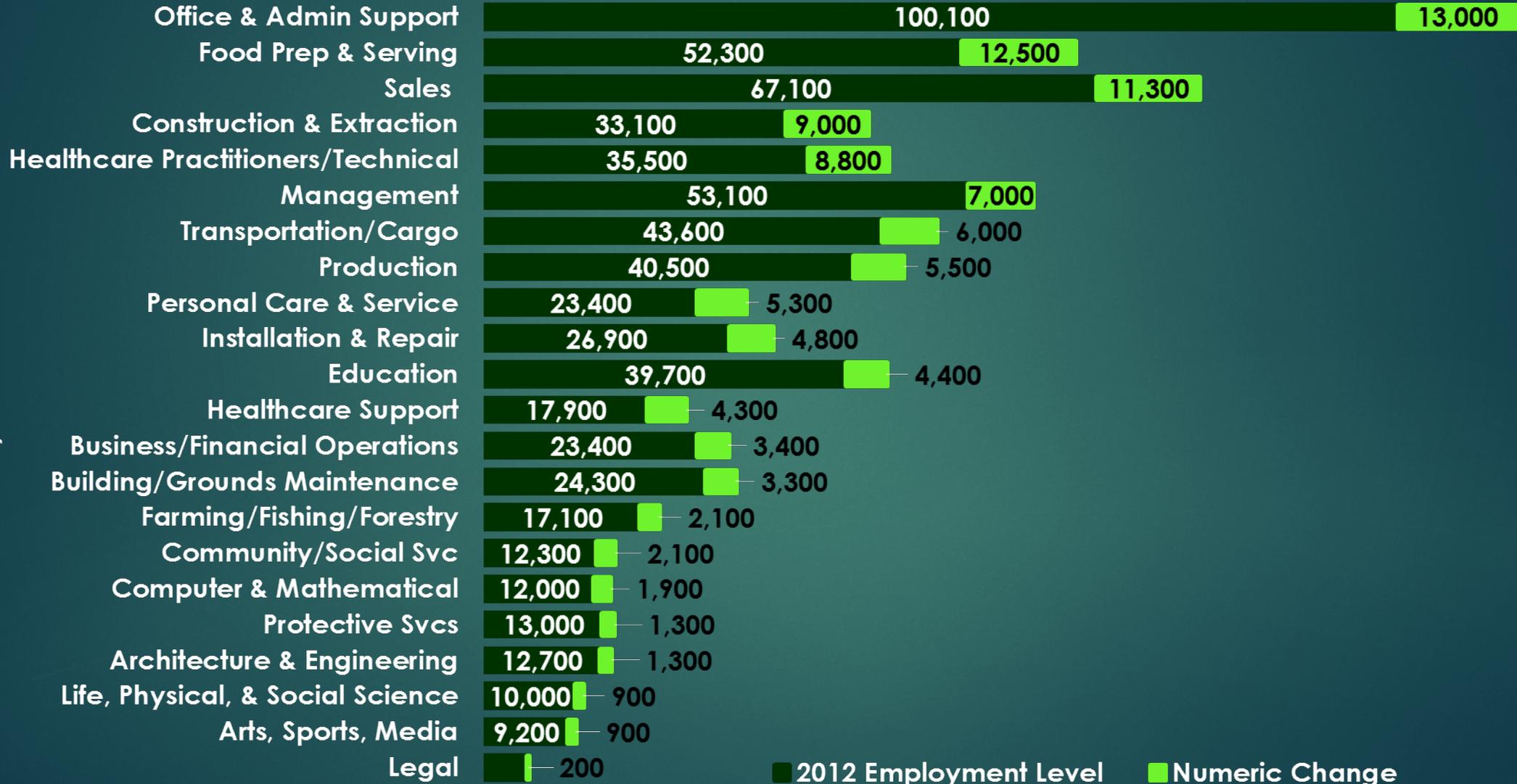




Idaho Occupations:

2012 Employment & 2022 Projected Net Growth Compared

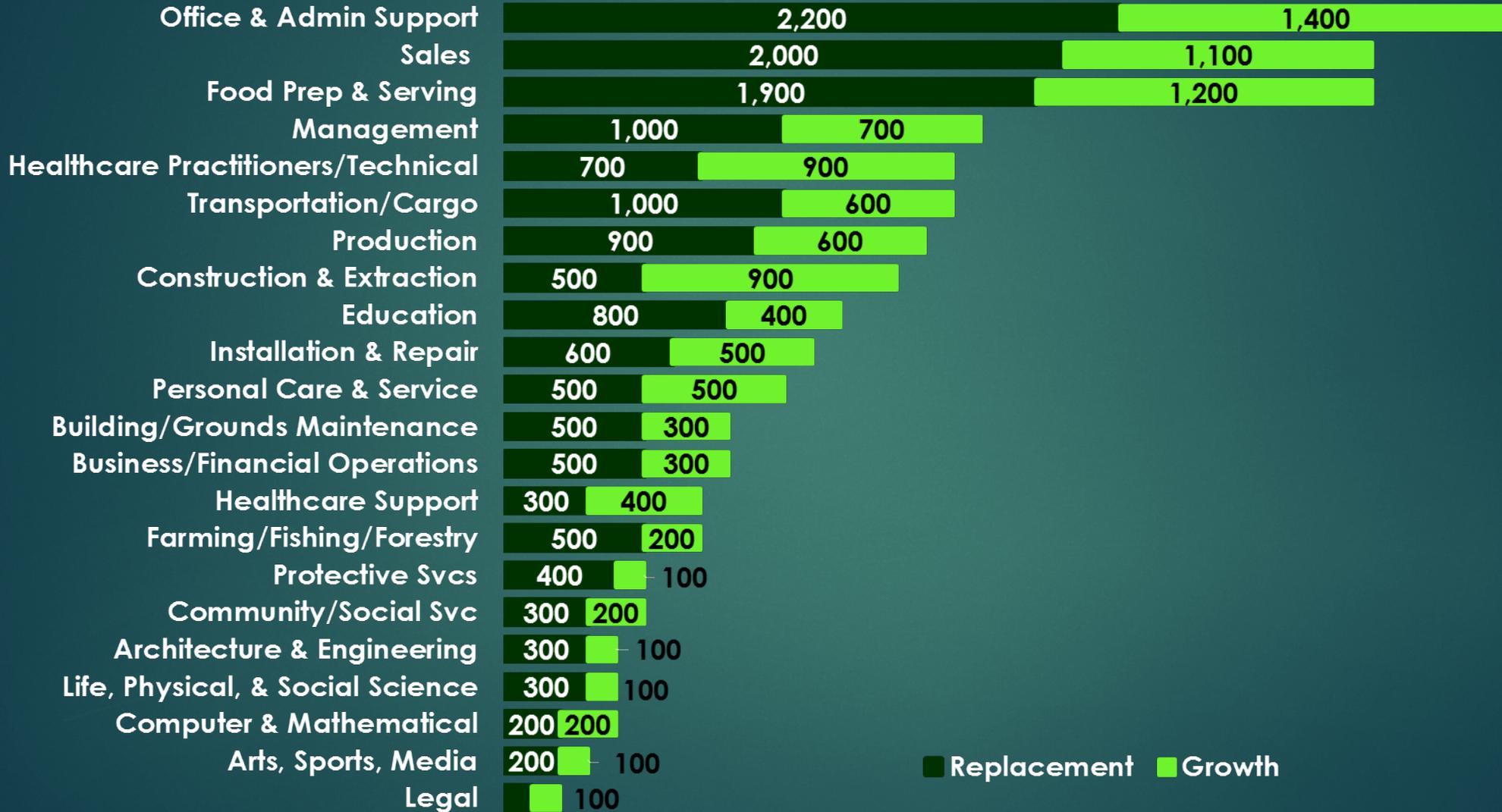
Ranked by Numeric Growth





Idaho Occupations:

2022 Projected Annual Job Openings by Occupation





Idaho's Projected Occupations by: 2012 to 2022 **Hot Jobs**¹

Rank	Occupation Titles	2022 Employment	Annual Openings ²	Percent Change	2013 Median Wage	Typical Entry Level Education
1	Pharmacists	1,763	75	32.4%	\$53.82	Doctoral
2	Registered Nurses	15,511	562	26.4%	\$28.36	A
3	Physical Therapists	1,502	64	31.5%	\$37.43	Doctoral
4	Software Developers, Applications	2,117	60	22.2%	\$33.62	B
5	Physician Assistants	899	34	33.0%	\$42.38	M
6	Industrial Machinery Mechanics	2,336	107	30.6%	\$22.39	HS
7	Electricians	3,746	139	29.1%	\$21.21	HS
8	Dental Hygienists	1,357	53	21.6%	\$35.02	A
9	Market Research Analysts and Marketing Specialists	1,959	67	31.9%	\$24.31	B
10	Nurse Practitioners	723	28	30.0%	\$42.71	M

¹Hot Jobs: Jobs that on average rank high in three major criteria — the abundance of jobs in the economy, jobs that are growing the fastest and jobs with the highest pay.

²Average annual job openings include new jobs plus replacement jobs.

* Education Key: PhD – Doctoral or professional degree; M – Master's degree; B – Bachelor's degree; A – Associate's degree; PVA – Postsecondary non-degree award; SC – Some college, no degree; HS – High school diploma or equivalent; <HS – Less than High school.

Source: Idaho Department of Labor, Communications & Research Division.

Online Resources

Visit *labor.Idaho.gov* for Idaho's best source for:

IDAHO DEPT. OF LABOR

REPORT NEW HIRES. IT'S EASY. IT SAVES MONEY. AND EVERYONE BENEFITS.

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Keyword:

Location:

Search

Newest 25 Jobs

Technical Writer
Adecco Staffing, IDAHO FALLS

Aftermarket Sales Manager
Quest Aircraft, SANDPOINT

Need HVAC Sheet Metal Installers
Anonymous, IDAHO FALLS

Sales Support Specialist
Yost Business Systems, IDAHO FALLS

Statewide Unemployment Rate
4.7 %

Number of Employed
741,300

Unemployment Base Tax Rate
1.906 %

Projections data:

Occupational Projections

MaHo Long-Term Occupational Projections (2017 - 2022)

Top 100 Most In-Demand

Occupation	2017	2022	% Change	Typical Education/Training Requirement
10-1000 Sales Representatives, Wholesale and Retail	11,411	12,241	7.3%	High School or GED
10-1010 Sales Representatives, Wholesale and Retail	10,111	10,941	8.2%	High School or GED
10-1020 Sales Representatives, Wholesale and Retail	9,111	9,941	9.1%	High School or GED
10-1030 Sales Representatives, Wholesale and Retail	8,111	8,941	10.2%	High School or GED
10-1040 Sales Representatives, Wholesale and Retail	7,111	7,941	11.7%	High School or GED
10-1050 Sales Representatives, Wholesale and Retail	6,111	6,941	13.6%	High School or GED
10-1060 Sales Representatives, Wholesale and Retail	5,111	5,941	16.2%	High School or GED
10-1070 Sales Representatives, Wholesale and Retail	4,111	4,941	19.5%	High School or GED
10-1080 Sales Representatives, Wholesale and Retail	3,111	3,941	23.8%	High School or GED
10-1090 Sales Representatives, Wholesale and Retail	2,111	2,941	29.9%	High School or GED

Labor Market Information:

IDAHO DEPT. OF LABOR Labor Market Information

What's News

August Jobless Rate Resumes Downward Trend

MY NEXT MOVE

Career Information:

IDAHO DEPT. OF LABOR

get future ready

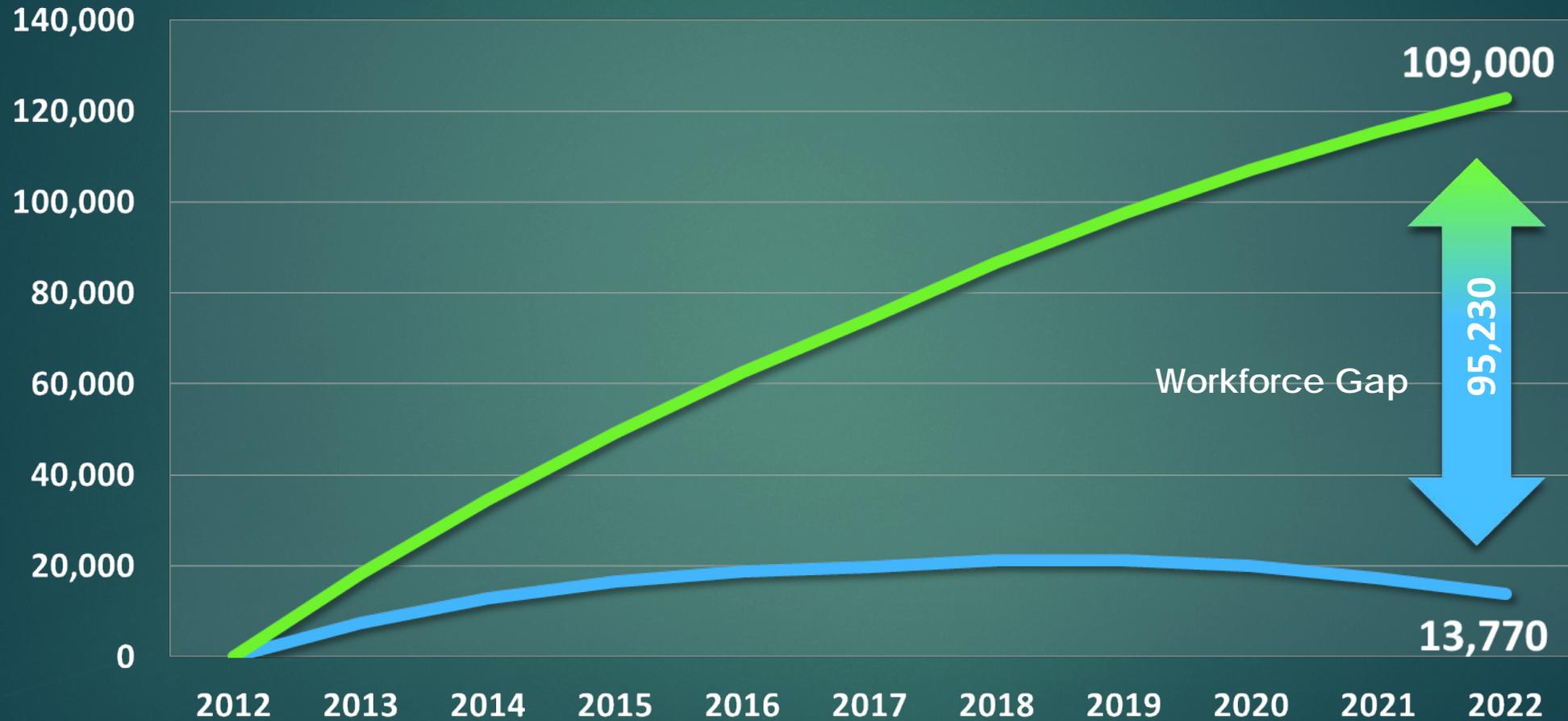
EXPOSE YOUR FUTURE. PLAN YOUR CAREER. GET A REALITY CHECK.

Idaho Career Information System - CIS

Fall Career Development Workshops

Challenge: labor supply

Jobs and Workforce Growth

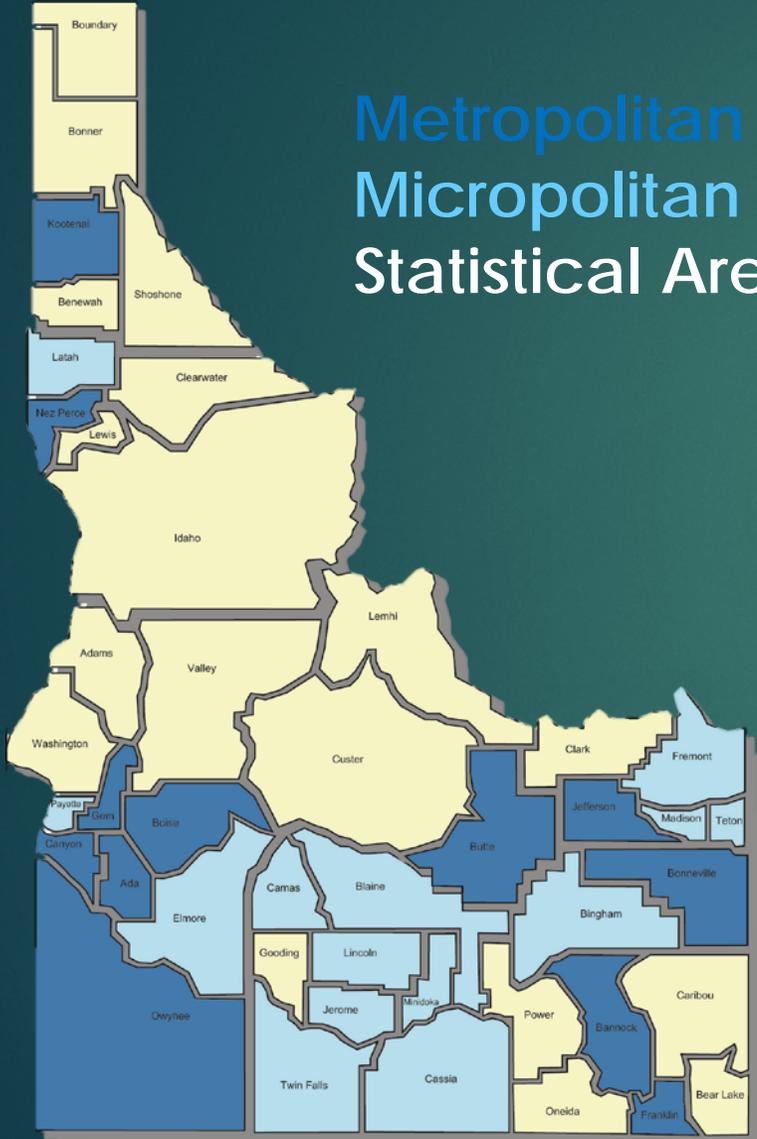


- ▶ Population
- ▶ Demographics
- ▶ Industry Mix
- ▶ Opportunities - *Skills, Training and Educational Attainment*

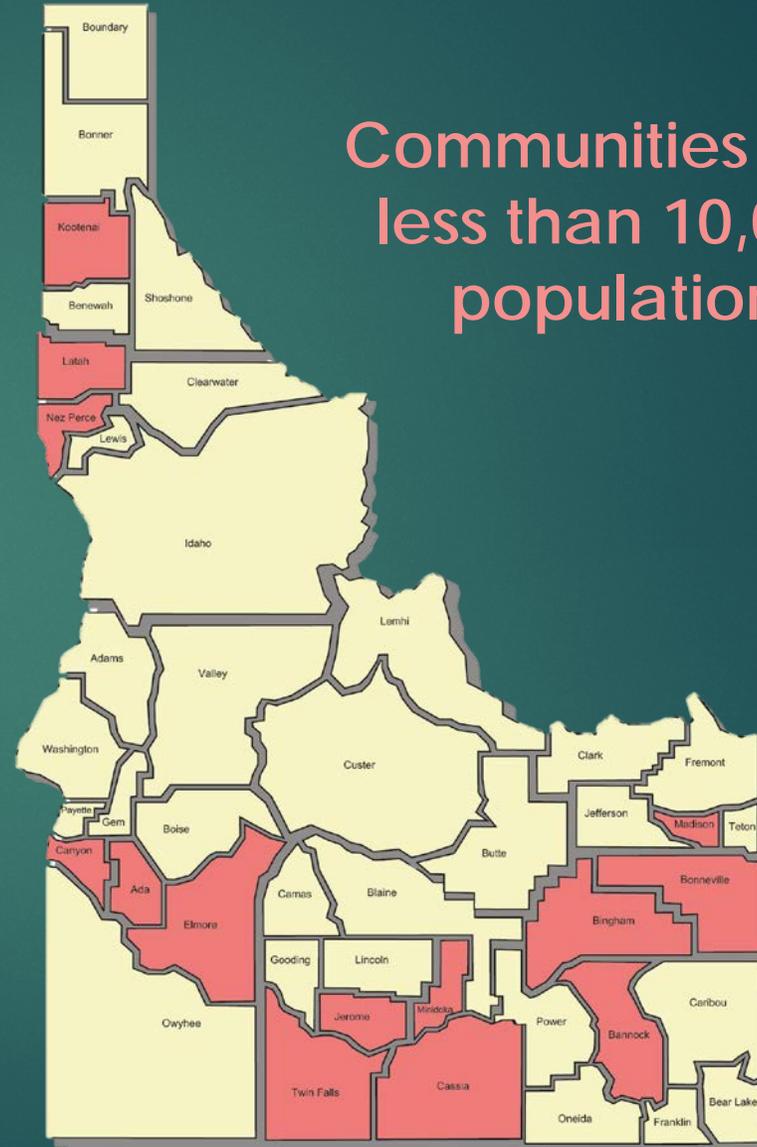


Definitions of Rural and Urban Idaho

Metropolitan and
Micropolitan
Statistical Areas



Communities with
less than 10,000
population



"Urban Counties Claim Bulk of Idaho's 2014 Population Gain"

IDOL – March 26, 2015

	Population	Change from 2013	Births	Deaths	Net Migration
State	1,634,464	1.30%	22,945	11,628	9,389
Ada	426,236	2.30%	5,124	2,563	6,651
Adams	3,861	0.80%	29	20	18
Bannock	83,347	0.00%	1,261	629	-565
Bear Lake	5,957	0.30%	92	59	-11
Benewah	9,118	0.80%	117	104	53
Bingham	45,269	-0.30%	760	308	-578
Blaine	21,482	0.80%	223	87	40
Boise	6,824	1.20%	39	52	95
Bonner	41,585	2.20%	403	368	785
Bonneville	108,623	1.00%	1,950	764	-126
Boundary	10,979	1.00%	120	118	113
Butte	2,622	-0.20%	26	12	-31
Camas	1,039	0.00%	10	3	-17
Canyon	203,143	2.10%	3,202	1,321	2,032
Caribou	6,837	0.10%	93	63	-19
Cassia	23,540	0.80%	391	168	-22
Clark	867	0.70%	8	1	-6
Clearwater	8,562	-0.50%	74	96	-21
Custer	4,140	-2.20%	33	26	-101
Elmore	26,094	-0.20%	441	174	-338
Franklin	13,021	1.30%	205	80	55

	Population	Change from 2013	Births	Deaths	Net Migration
Fremont	12,867	-0.30%	192	94	-139
Gem	16,866	1.00%	209	182	148
Gooding	15,064	-0.20%	197	112	-113
Idaho	16,215	0.10%	157	168	24
Jefferson	27,021	0.60%	491	139	-193
Jerome	22,818	0.90%	407	148	-41
Kootenai	147,326	2.10%	1,745	1,242	2,182
Latah	38,411	0.50%	455	209	-50
Lemhi	7,726	0.00%	59	72	16
Lewis	3,838	0.30%	39	32	6
Lincoln	5,316	0.20%	79	38	-38
Madison	38,038	1.20%	1,059	111	-493
Minidoka	20,323	0.10%	361	168	-184
Nez Perce	40,007	0.20%	506	463	61
Oneida	4,184	-2.00%	49	33	-108
Owyhee	11,353	-0.60%	147	80	-133
Payette	22,836	1.10%	310	187	130
Power	7,617	-1.00%	136	55	-160
Shoshone	12,390	-2.30%	131	165	-270
Teton	10,341	0.40%	162	28	-91
Twin Falls	80,914	1.30%	1,253	732	558
Valley	9,826	2.50%	89	57	209
Washingtc	10,021	0.70%	111	97	61

Source: U.S. Census Bureau

2013 to 2014 – Net Population Change

Idaho 2014 Population Components by County

	Population	Change from 2013	Births	Deaths	Net Migration	Net Population Change	Percentage Population Change
State	1,634,464	1.30%	22,945	11,628	9,389	20,706	1.3%
Ada	426,236	2.30%	5,124	2,563	6,651	9,212	2.2%
Canyon	203,143	2.10%	3,202	1,321	2,032	3,913	1.9%
Kootenai	147,326	2.10%	1,745	1,242	2,182	2,685	1.8%
Twin Falls	80,914	1.30%	1,253	732	558	1,079	1.3%
Bonneville	108,623	1.00%	1,950	764	-126	1,060	1.0%
Bonner	41,585	2.20%	403	368	785	820	2.0%
Madison	38,038	1.20%	1,059	111	-493	455	1.2%
Payette	22,836	1.10%	310	187	130	253	1.1%
Valley	9,826	2.50%	89	57	209	241	2.5%
Jerome	22,818	0.90%	407	148	-41	218	1.0%
Cassia	23,540	0.80%	391	168	-22	201	0.9%
Latah	38,411	0.50%	455	209	-50	196	0.5%
Franklin	13,021	1.30%	205	80	55	180	1.4%
Blaine	21,482	0.80%	223	87	40	176	0.8%
Gem	16,866	1.00%	209	182	148	175	1.0%
Jefferson	27,021	0.60%	491	139	-193	159	0.6%
Boundary	10,979	1.00%	120	118	113	115	1.0%
Nez Perce	40,007	0.20%	506	463	61	104	0.3%
Boise	6,824	1.20%	39	52	95	82	1.2%
Bannock	83,347	0.00%	1,261	629	-565	67	0.1%

2013 to 2014 – Percentage Population Change

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Population growth during the most recent economic expansion

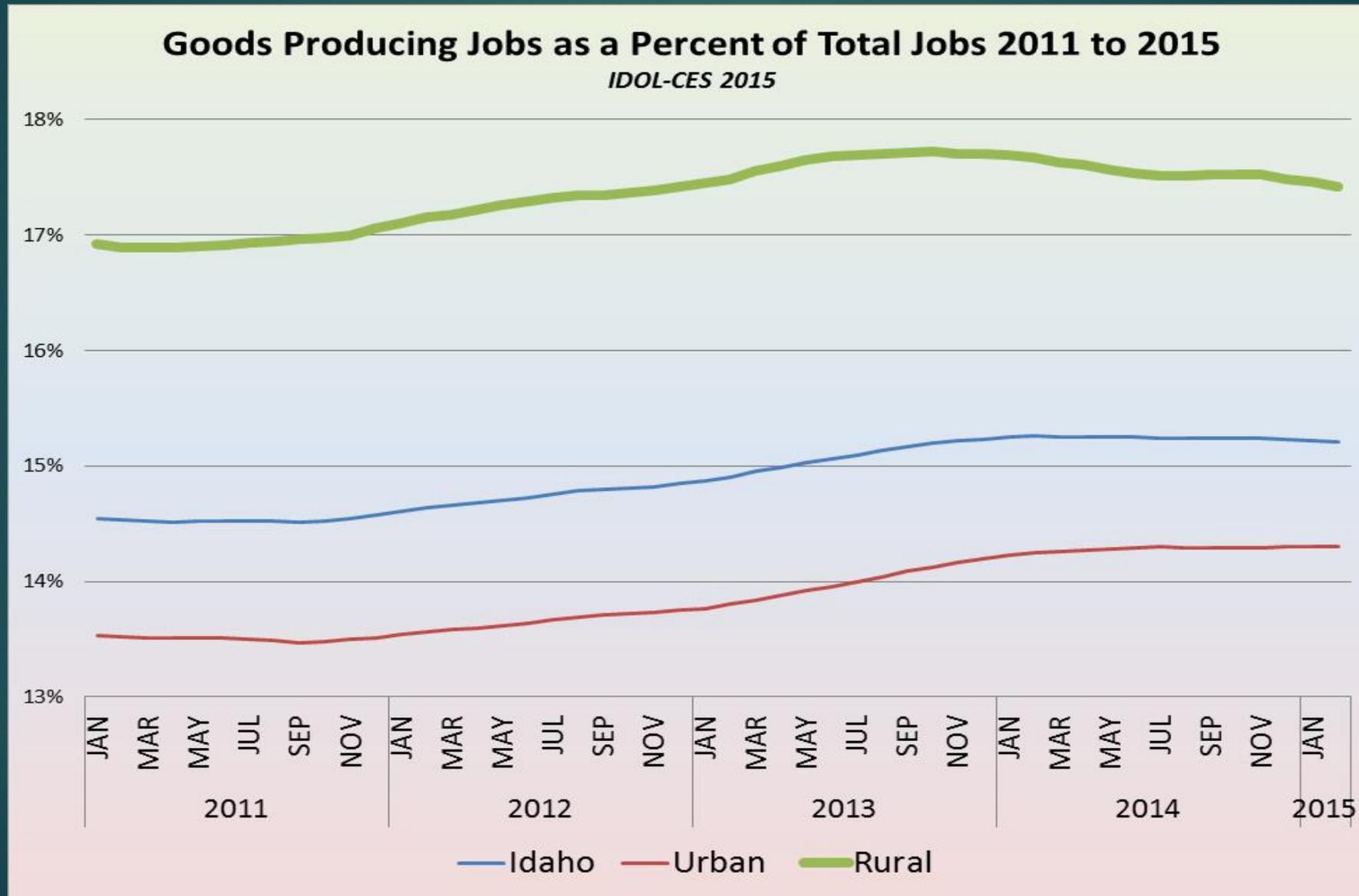
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Boise	6,824	1.20%	39	52	95	82	1.2%
Madison	38,038	1.20%	1,059	111	-493	455	1.2%
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Percentage Growth in Population since 2010

Idaho	66,882	4.3%
Ada County	33,871	8.6%
Canyon County	14,220	7.5%
Kootenai County	8,832	6.4%
Twin Falls County	3,684	4.8%
Bonneville County	4,389	4.2%
Jefferson County	881	3.4%
Latah County	1,167	3.1%
Cassia County	588	2.6%
Lincoln County	108	2.1%
Jerome County	444	2.0%
Nez Perce County	742	1.9%
Franklin County	235	1.8%
Bonner County	708	1.7%
Teton County	171	1.7%
Madison County	502	1.3%
Minidoka County	254	1.3%

Industry and Job Mix

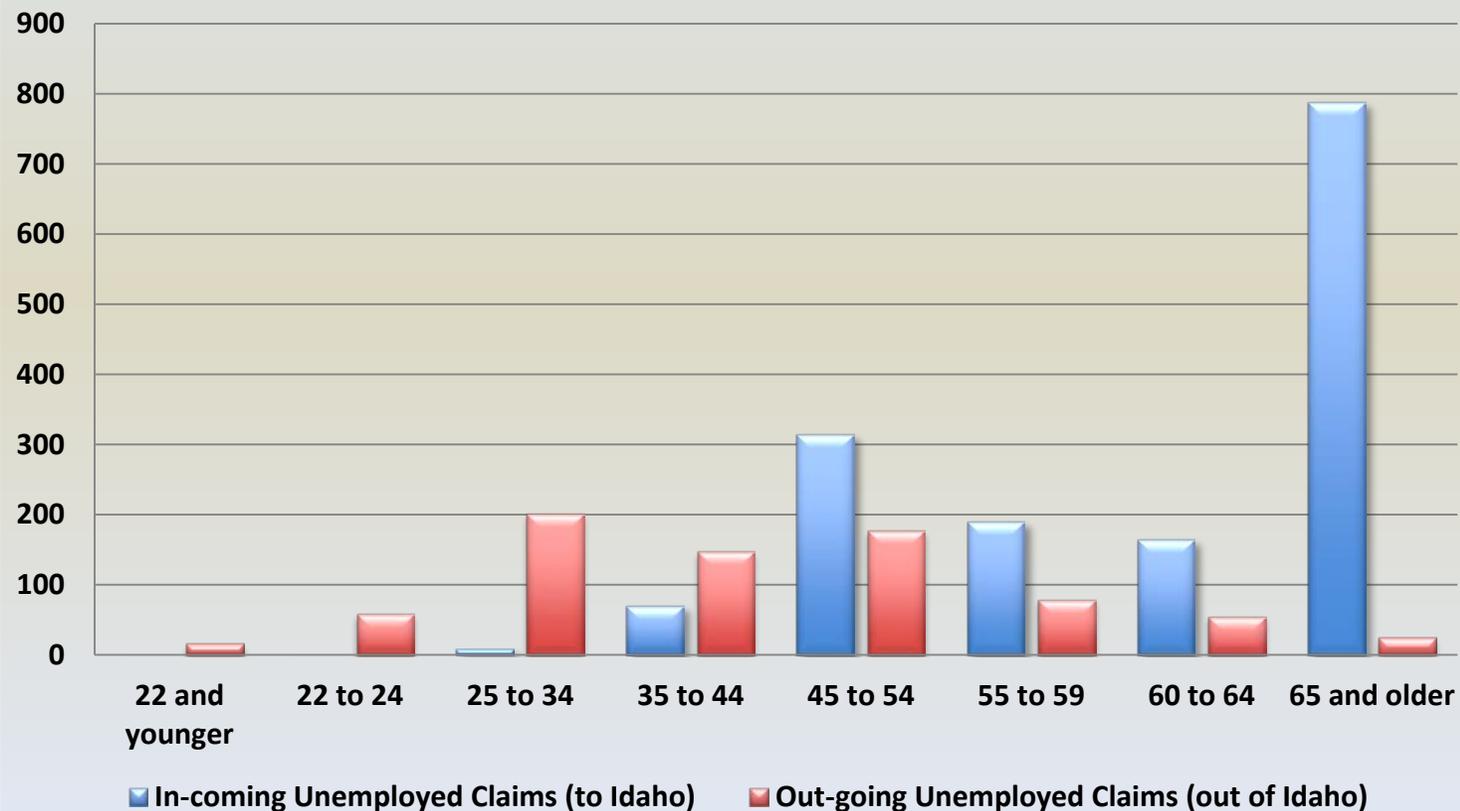


"Silver Tsunami" – The aging population and workforce.

Idaho Interstate UI Claims

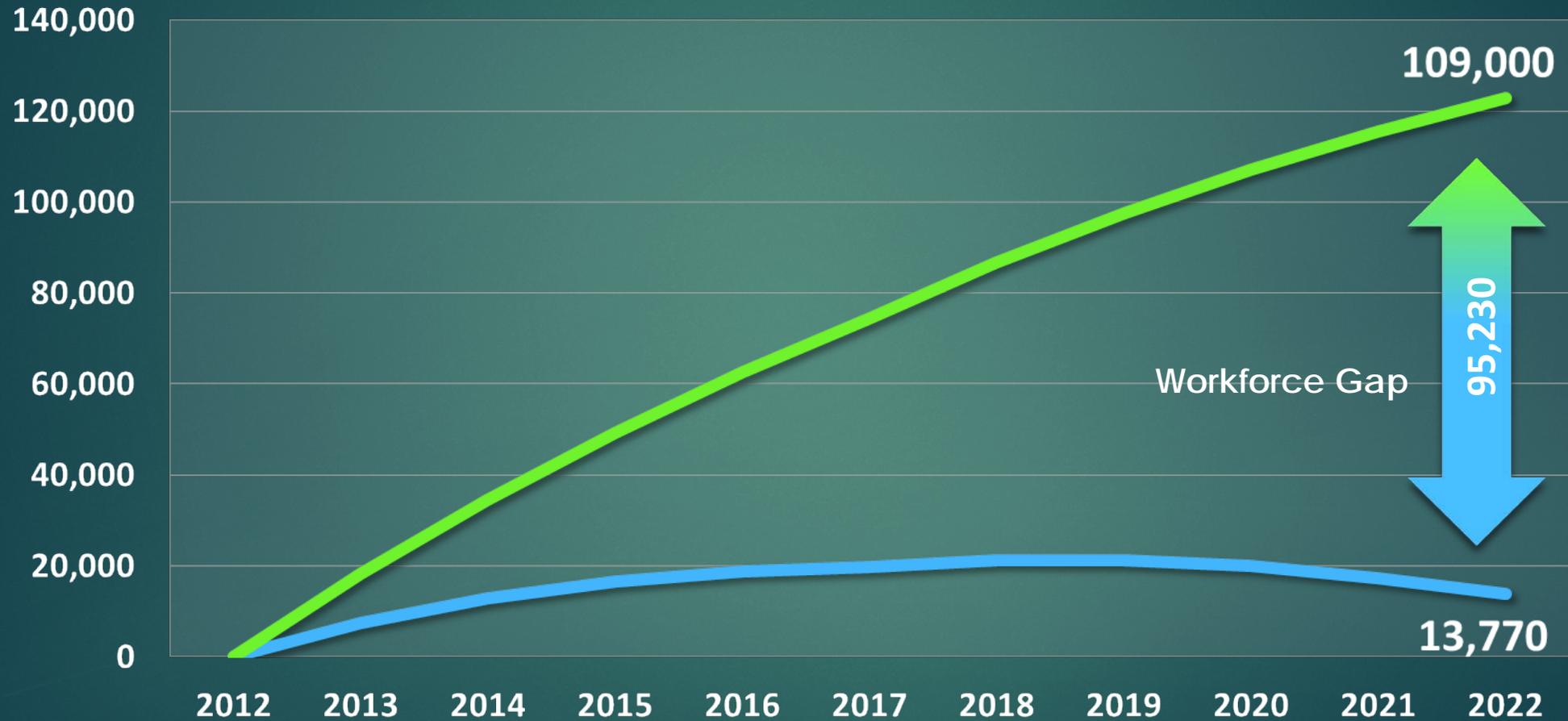
Who's moving in, who's moving out?

Week of Jan. 12, 2013

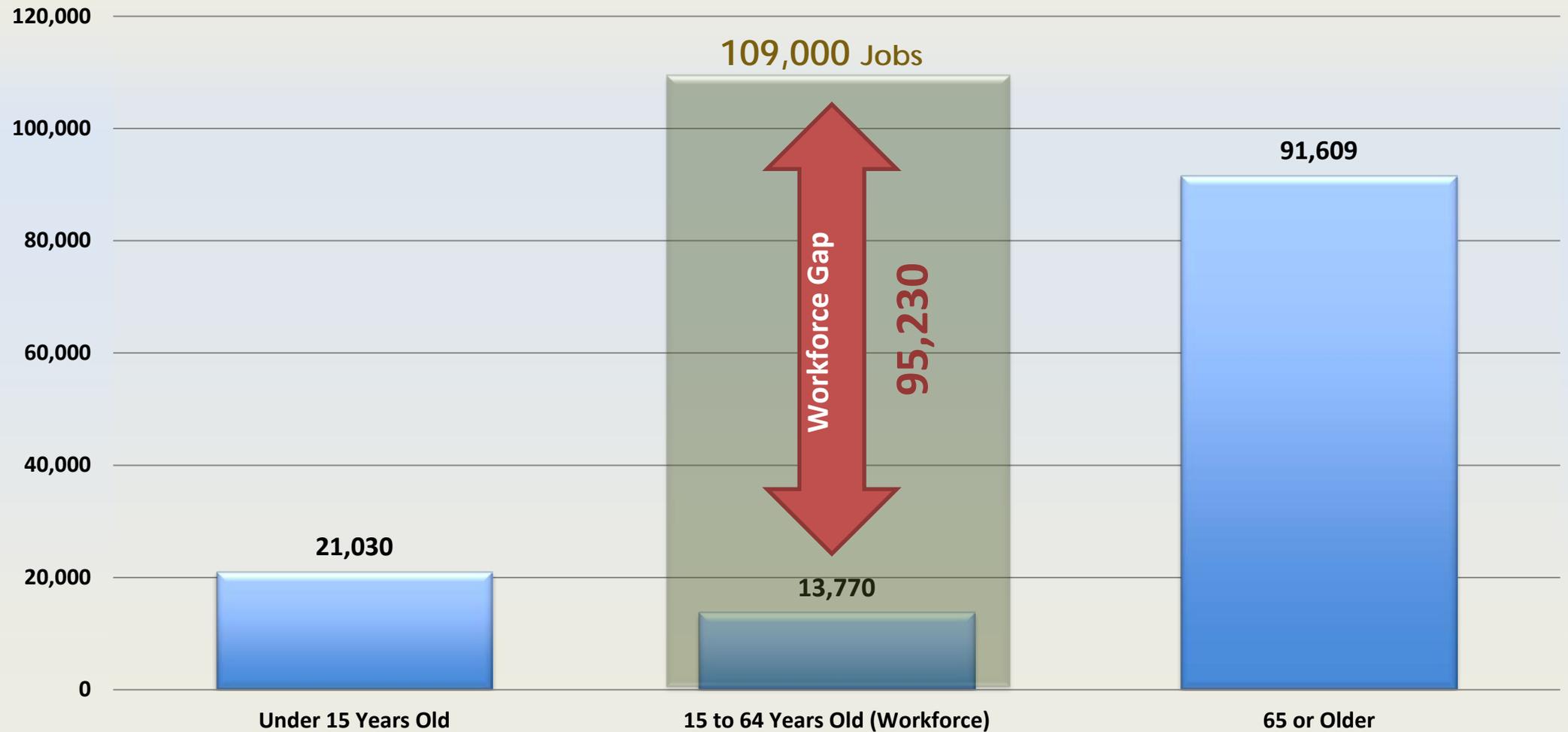


Challenge: labor supply

Jobs and Workforce Growth

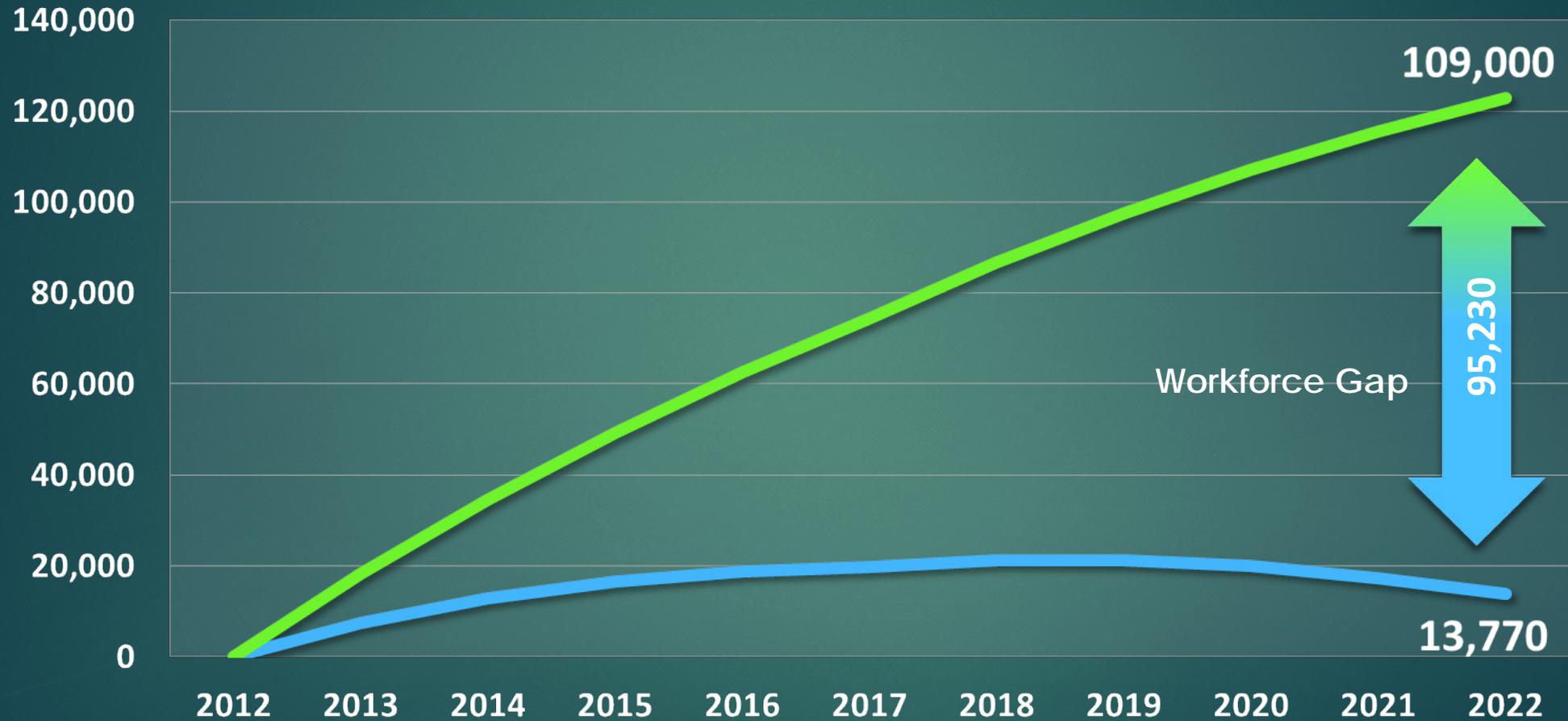


Projections for Population and Jobs Added from 2012 to 2022



Challenge: labor supply

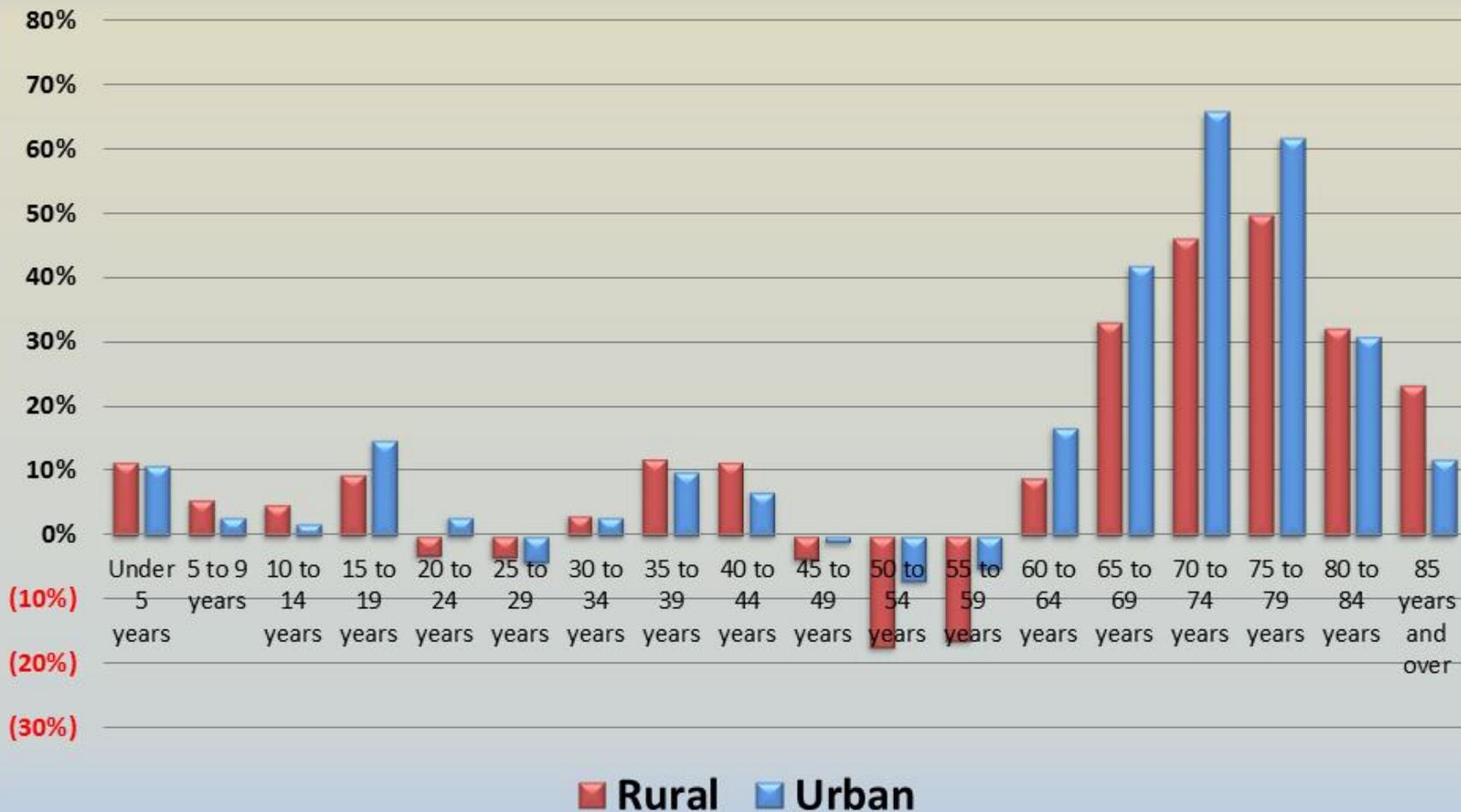
Jobs and Workforce Growth



Rural vs. Urban Demographics

Population Growth by Age Cohort (2012 to 2022)

EMSI 2015



Population and Jobs Projections from 2012 to 2022

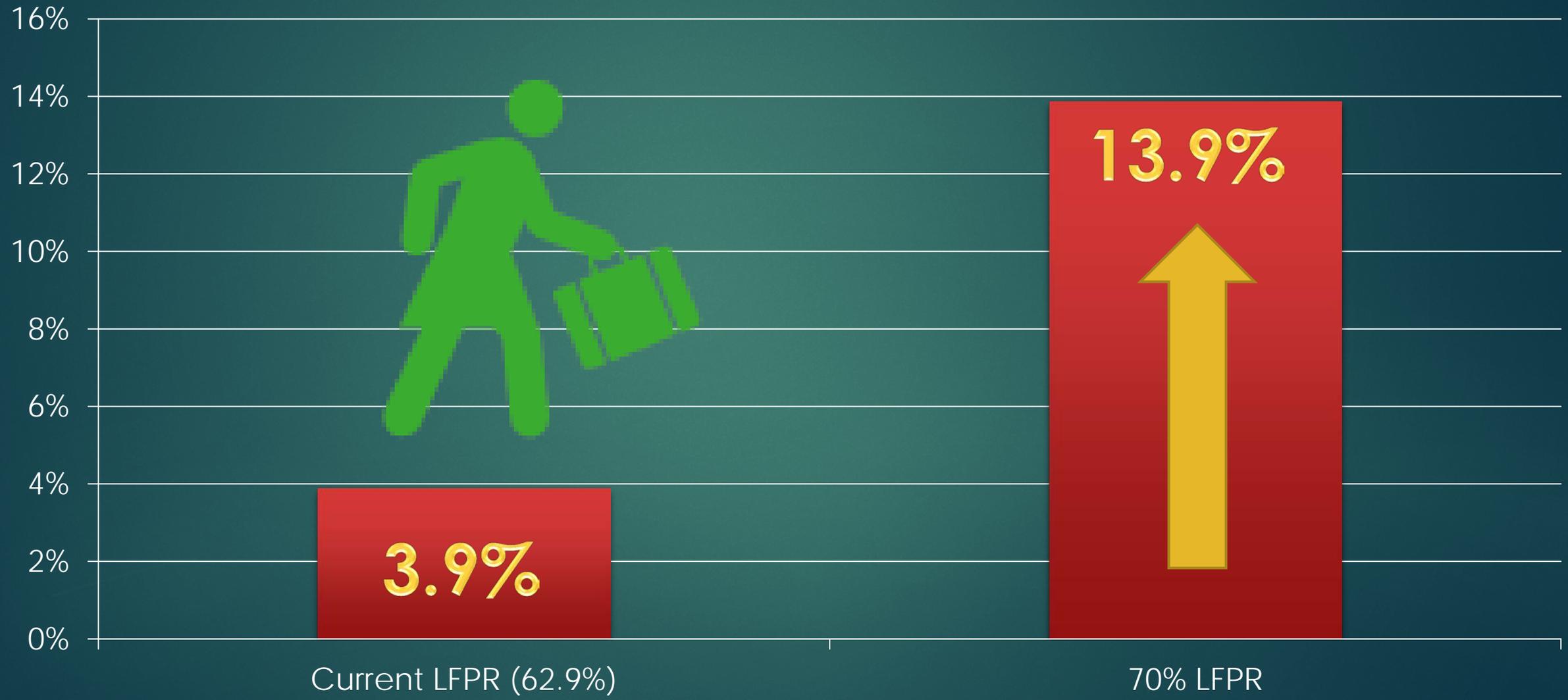
-Viewed from a "Gross" Perspective-



*** Labor Force Participation Rate (LFPR) would have to increase another 10 percent to fill gap at existing population growth levels.

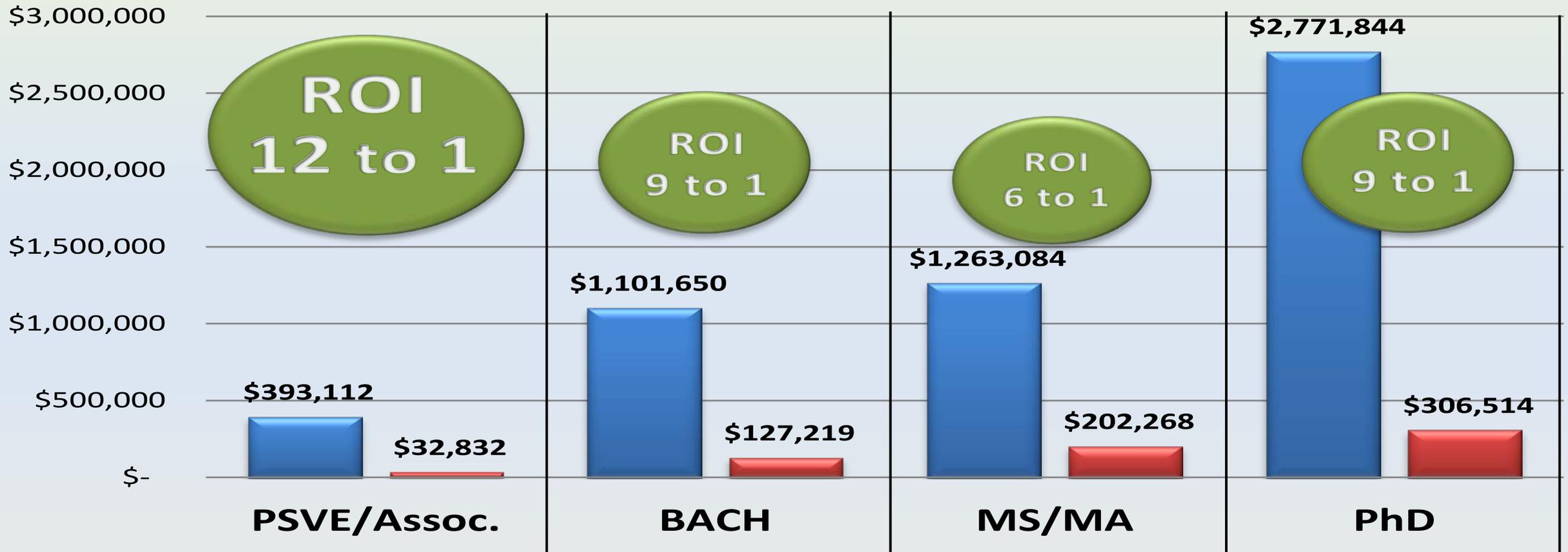
*** Or the Multiple Job Holder Rate (MJHR) would have to triple from 6 to 18 percent to fill the workforce gap at existing population growth levels.

February 2015 Unemployment Rate with a 70 percent Labor Force Participation Rate (LFPR)



Education and Training Pay

A College Education's Return-On-Investment (ROI) in Idaho



■ Additional Life-Time Earnings beyond High School ■ Costs of Post-Secondary Education

Data Analyzed from the Idaho Department of Labor and the National Center for Educational Statistics

Rural Training Grant Opportunity

- ▶ Build relationships between the region's customers and stakeholders, businesses, education and workforce professionals.
- ▶ Training grant opportunity to build workforce capacity by providing training, skills and educational requirements to meet the needs of new and expanding businesses.
- ▶ Will not exclude urban geographies but will focus on rural Idaho.
- ▶ Interconnectivity, Training and Education, Collaboration.

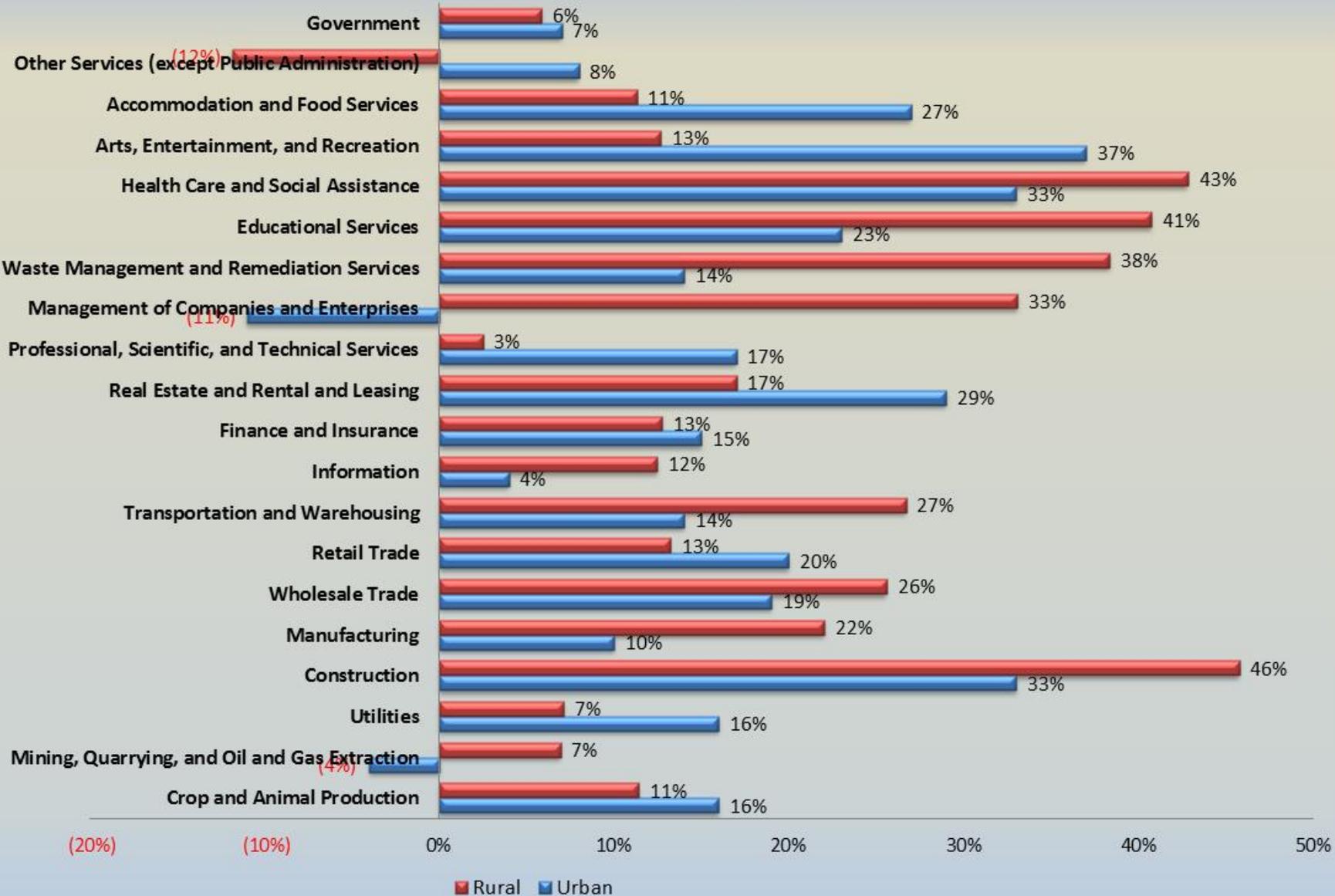
Thank You !



Bob Uhlenkott – Chief Research Officer
Craig Shaul – Projection's Supervisor
Ethan Mansfield – Regional Economist

Rural vs. Urban 2022 Jobs by Industry Projection

Economic Modeling Specialists International - 2015





Business Cycles Analysis and the "R" word!

Peak to Peak Analysis

30 Year Average	81 months	Peak =	OCT '14
20 Year Average	105 months	Peak =	OCT '16