

OREGON BUSINESS PLAN

# 2005 **COMPETITIVE INDEX**

**INDICATORS  
OF OREGON'S  
GLOBAL  
ECONOMIC  
COMPETITIVENESS**



A joint project of the  
Oregon Business Plan and the Oregon  
Progress Board

**Measures of  
Pioneering Innovation,  
People,  
Place, and  
Productivity  
That Drive the Oregon  
Economy**

Oregon Business Plan .org



## The Oregon Business Plan

# 2005 COMPETITIVE INDEX

The Competitive Index is a joint project of the Oregon Business Plan and the Oregon Progress Board. The Oregon Business Plan is an ongoing effort by a coalition of business and public leaders to shape Oregon's economic future by promoting the development of clusters of competitive traded sector or export industries. The Oregon Progress Board is responsible for maintaining Oregon's strategic plan, and for monitoring the state's progress in realizing its economic, social, and environmental goals.

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For additional copies, contact the Oregon Business Council, Portland, Oregon 503-220-0691.

This book is also posted in PDF form at the Oregon Business Plan website, [www.OregonBusinessPlan.org](http://www.OregonBusinessPlan.org).

For more about the Oregon Progress Board, go to [www.oregon.gov/DAS/OPB](http://www.oregon.gov/DAS/OPB).

# Introduction

To meet its goal of growing and keeping quality jobs, Oregon must compete effectively with other U.S. states in the global economy. The vision of the Oregon Business Plan is to do this by growing and sustaining leading-edge traded sector clusters – groups of allied industries such as electronics, forest products, food processing, metals, and sports apparel. If these and other traded sector clusters do well, so do local economies and communities buoyed by their payrolls and their demand for goods and services.

The Oregon Business Plan strategy for keeping traded sector companies competitive is to encourage an array of state-level resources or conditions that we characterize as the Four Ps: Pioneering Innovation, People, Place, and Productivity. They also require a fifth P – stable Public Finance.

*Pioneering Innovation* is a culture of ideas, research, and entrepreneurial energy that gives rise to new products and companies. *People* include a talented workforce and the education systems they depend on. *Place* entails an attractive environment and livable communities. *Productivity* stems from a business atmosphere of reasonable costs and competitive prices for public and private resources and services. *Public Finance* requires reliable sources of public revenue, transparent budgeting, purposeful spending, and accountability for outcomes

This book suggests how well Oregon is doing in giving its businesses a competitive advantage. Organized in seven sections, it starts with indicators of Oregon's general economic well being, suggests the health of Oregon's traded sector clusters, then covers the Four Ps and public finance.

Traded sector cluster health and public finance have been added as categories since last year's edition of the *Competitive Index*. One note on the tables: Many contain several columns of related indicators and rankings. The first column of rankings relate to the indicators immediately to the right of the list of states.

As noted on a number of the tables, many of the indicators and rankings in the *Competitive Index* relate directly to one or more Oregon Benchmarks, which for 14 years have measured progress toward the goals in Oregon's strategic vision, *Oregon Shines* ([www.oregon.gov/DAS/OPB/os.shtml](http://www.oregon.gov/DAS/OPB/os.shtml)). For benchmark trend analysis, please see Oregon Progress Board reports at [www.oregon.gov/DAS/OPB/obm.shtml](http://www.oregon.gov/DAS/OPB/obm.shtml). The next benchmark performance report will be issued early in 2005.

This is the second annual publication of the *Competitive Index*. We welcome suggestions for additional measures of how Oregon is doing. Please submit comments at [www.OregonBusinessPlan.org](http://www.OregonBusinessPlan.org).

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## WELL BEING



*These measures  
suggest how well  
Oregon is achieving  
quality jobs for all  
Oregonians, the central  
goal for the economy  
established by the  
Oregon Progress Board.*

Table 1

## Personal and Household Income

Relates to Oregon Benchmark 11, Per Capita Income

Rank		2003 Per Capita Income	Median Household Income (3-Year Average 2001-03)	Rank
1	Connecticut	\$43,173	\$55,004	5
2	New Jersey	\$40,427	\$55,221	1
3	Massachusetts	\$39,815	\$52,084	8
4	Maryland	\$37,331	\$55,213	2
5	New York	\$36,574	\$43,160	27
6	New Hampshire	\$34,702	\$55,166	3
7	Minnesota	\$34,443	\$54,480	6
8	Colorado	\$34,283	\$50,224	10
9	California	\$33,749	\$48,979	13
10	Illinois	\$33,690	\$45,607	17
11	Virginia	\$33,671	\$52,587	7
12	Alaska	\$33,568	\$55,143	4
13	Washington	\$33,332	\$45,960	16
14	Delaware	\$32,810	\$50,451	9
15	Wyoming	\$32,808	\$41,501	32
16	Pennsylvania	\$31,998	\$43,869	21
17	Rhode Island	\$31,916	\$45,205	18
18	Nevada	\$31,266	\$46,118	15
19	Hawaii	\$30,913	\$49,839	11
20	Wisconsin	\$30,898	\$46,782	14
21	Nebraska	\$30,758	\$44,357	20
22	Vermont	\$30,740	\$43,212	26
23	Florida	\$30,446	\$38,572	37
24	Michigan	\$30,439	\$45,176	19
25	Ohio	\$29,944	\$43,535	23
26	Kansas	\$29,935	\$43,622	22
27	Georgia	\$29,442	\$43,535	23
28	Texas	\$29,372	\$40,934	33
<b>29</b>	<b>Oregon</b>	<b>\$29,340</b>	<b>\$42,429</b>	<b>28</b>
30	Missouri	\$29,252	\$43,492	25
31	South Dakota	\$29,234	\$39,829	35
32	North Dakota	\$29,204	\$38,212	38
33	Iowa	\$29,043	\$41,985	31
34	Maine	\$28,831	\$37,619	41
35	Indiana	\$28,783	\$42,124	29
36	Tennessee	\$28,455	\$37,529	42
37	North Carolina	\$28,235	\$38,096	40
38	Arizona	\$26,838	\$42,062	30
39	Oklahoma	\$26,656	\$36,733	44
40	Alabama	\$26,338	\$37,419	43
41	Kentucky	\$26,252	\$38,161	39
42	South Carolina	\$26,132	\$38,791	36
43	Louisiana	\$26,100	\$34,307	47
44	Montana	\$25,920	\$34,375	46
45	Idaho	\$25,911	\$40,230	34
46	New Mexico	\$25,541	\$35,265	45
47	Utah	\$24,977	\$49,143	12
48	West Virginia	\$24,379	\$31,210	50
49	Arkansas	\$24,289	\$33,259	48
50	Mississippi	\$23,448	\$31,887	49
	<b>United States</b>	<b>\$31,632</b>	<b>\$43,527</b>	

Source: U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Census Bureau, Current Population Reports

WELL BEING

*Oregon ranks just below the midpoint.*

Table 2

## Average Wage (First Quarter, 2004)

Rank	Average Weekly Wage
1 New York	\$1,056
2 Connecticut	\$1,042
3 Massachusetts	\$954
4 New Jersey	\$945
5 California	\$854
6 Delaware	\$844
7 Illinois	\$823
8 Maryland	\$816
9 Minnesota	\$777
10 Colorado	\$772
10 Virginia	\$772
12 Michigan	\$771
13 Washington	\$757
14 Texas	\$737
15 Pennsylvania	\$736
16 Alaska	\$732
17 Georgia	\$728
17 Rhode Island	\$728
19 New Hampshire	\$725
20 Nevada	\$695
21 Ohio	\$691
22 Arizona	\$682
<b>23 Oregon</b>	<b>\$675</b>
24 North Carolina	\$670
25 Missouri	\$665
26 Indiana	\$661
27 Florida	\$657
27 Wisconsin	\$657
29 Hawaii	\$656
30 Tennessee	\$651
31 Alabama	\$626
32 Kentucky	\$623
33 Kansas	\$621
34 Vermont	\$615
35 Iowa	\$606
36 Maine	\$605
37 Louisiana	\$602
38 Utah	\$599
39 South Carolina	\$596
40 Nebraska	\$595
41 New Mexico	\$584
42 Wyoming	\$583
43 Oklahoma	\$582
44 West Virginia	\$569
45 Arkansas	\$563
46 Idaho	\$552
47 North Dakota	\$541
48 Mississippi	\$533
49 South Dakota	\$531
50 Montana	\$515
<b>United States</b>	<b>\$758</b>

WELL BEING

Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages

*Weekly wages are higher in Oregon than in more than half of the U.S., though they are below the U.S. average.*



Table 3

## People Below Poverty Level

Relates to Oregon Benchmark 53, Poverty

Rank (1 = Lowest)		% Below Poverty (3-Year Average 2001-03)
1	New Hampshire	6.%
2	Minnesota	7.1%
3	Maryland	7.7%
3	Delaware	7.7%
5	Connecticut	7.9%
6	New Jersey	8.2%
7	Iowa	8.5%
8	Wisconsin	8.8%
9	Alaska	9.0%
9	Nevada	9.0%
11	Wyoming	9.1%
12	Indiana	9.2%
13	Virginia	9.3%
14	Vermont	9.4%
14	Colorado	9.4%
16	Massachusetts	9.7%
17	Utah	9.8%
18	Nebraska	9.9%
18	Pennsylvania	9.9%
20	Missouri	10.1%
21	Kansas	10.3%
22	Ohio	10.4%
23	Hawaii	10.7%
23	Rhode Island	10.7%
25	Michigan	10.8%
26	South Dakota	10.9%
27	Idaho	11.0%
28	Washington	11.4%
29	North Dakota	11.7%
<b>29</b>	<b>Oregon</b>	<b>11.7%</b>
31	Maine	11.8%
31	Illinois	11.8%
33	Georgia	12.0%
34	Florida	12.7%
35	California	12.9%
36	Kentucky	13.7%
37	Arizona	13.9%
38	South Carolina	14.0%
38	Montana	14.0%
38	Oklahoma	14.0%
41	New York	14.2%
41	North Carolina	14.2%
43	Tennessee	14.3%
44	Alabama	15.1%
45	Texas	15.8%
46	West Virginia	16.9%
46	Louisiana	16.9%
48	Mississippi	17.9%
49	New Mexico	18.0%
50	Arkansas	18.5%
	<b>United States</b>	<b>12.1%</b>

*Oregon's percent of the population in poverty falls below the median, but is better than the national poverty rate.*

Table 4

# Income Disparity (2000-2002)

Relates to Oregon Benchmark 13, Income Disparity

WELL BEING

Rank (1 = Lowest))	Ratio of Highest to Lowest Family Incomes*
1 South Dakota	6.62
2 Wyoming	7.37
3 Utah	8.09
4 Iowa	8.13
5 New Hampshire	8.16
6 Indiana	8.30
7 Wisconsin	8.37
8 Nebraska	8.38
9 Nevada	8.71
10 Minnesota	8.75
11 Delaware	8.85
12 North Dakota	8.86
13 Kansas	8.98
14 Montana	9.15
15 Idaho	9.20
16 Missouri	9.28
17 Alaska	9.30
18 South Carolina	9.37
19 Maine	9.58
20 Arkansas	9.58
21 Michigan	9.67
22 Oklahoma	9.86
23 Colorado	9.86
24 Vermont	9.87
<b>25 Oregon</b>	<b>9.99</b>
26 West Virginia	10.00
27 Connecticut	10.15
28 Pennsylvania	10.18
29 Rhode Island	10.19
30 Ohio	10.20
31 Maryland	10.40
32 Illinois	10.44
33 North Carolina	10.45
34 Florida	10.49
35 Georgia	10.62
36 Mississippi	10.63
37 Virginia	10.64
38 Hawaii	10.77
39 New Jersey	11.02
40 Kentucky	11.06
41 New Mexico	11.26
42 Arizona	11.36
43 Alabama	11.44
44 Massachusetts	11.58
45 California	11.65
46 Washington	12.06
47 Texas	12.53
48 Louisiana	12.67
49 Tennessee	12.74
50 New York	14.97

\* Ratio of mean income of families (family income) in the top quintile to mean income of families in the bottom quintile, 2000-2002.

Source: Corporation for Enterprise Development, Development Report Card for the States

*Between 2000 and 2002, Oregon's wealthiest families (top fifth) had incomes, on average, nearly ten times greater than its poorest families (bottom fifth).*

Table 5

# Unemployment Rate (Seasonally Adjusted)

Relates to Oregon Benchmark 15, Unemployment

Rank (1= Lowest)		Unemployment Rate (Sept. 2004)	Unemployment Rate (3-Year Avg. Sept. 2002-04)	Rank (1= Lowest)
1	Hawaii	3.1%	4.9%	18
2	Virginia	3.2%	6.5%	48
3	Vermont	3.3%	5.0%	19
4	South Dakota	3.4%	5.2%	24
5	New Hampshire	3.5%	5.6%	34
6	North Dakota	3.6%	5.1%	23
7	Nebraska	3.7%	4.6%	9
8	Delaware	3.9%	4.2%	3
8	Nevada	3.9%	4.8%	15
8	Wyoming	3.9%	4.5%	8
11	Georgia	4.1%	4.2%	2
11	Maryland	4.1%	5.0%	20
13	Oklahoma	4.4%	6.0%	41
14	Florida	4.5%	4.9%	16
15	Kentucky	4.6%	4.4%	5
15	Massachusetts	4.6%	5.1%	21
15	Minnesota	4.6%	5.4%	30
18	Connecticut	4.7%	5.8%	37
18	Iowa	4.7%	4.8%	13
18	Kansas	4.7%	4.5%	7
18	Maine	4.7%	5.4%	28
22	Arizona	4.8%	6.2%	45
22	New Jersey	4.8%	4.8%	13
22	North Carolina	4.8%	5.9%	40
22	Utah	4.8%	5.3%	27
26	Colorado	4.9%	4.7%	12
27	Idaho	5.0%	4.2%	3
27	Rhode Island	5.0%	5.1%	22
27	West Virginia	5.0%	4.7%	10
27	Wisconsin	5.0%	5.6%	32
31	Montana	5.1%	5.7%	36
31	Tennessee	5.1%	5.8%	38
33	Indiana	5.2%	6.0%	42
34	Louisiana	5.3%	4.5%	6
34	New Mexico	5.3%	5.7%	35
34	Pennsylvania	5.3%	5.2%	25
37	Arkansas	5.5%	7.0%	49
37	New York	5.5%	5.5%	31
37	Texas	5.5%	5.2%	25
40	Missouri	5.6%	6.2%	44
40	Washington	5.6%	4.1%	1
42	Alabama	5.7%	5.6%	32
43	California	5.9%	6.4%	46
44	Illinois	6.0%	5.9%	39
44	Mississippi	6.0%	4.9%	16
44	Ohio	6.0%	4.7%	10
47	Michigan	6.8%	7.2%	50
48	South Carolina	6.9%	6.4%	46
<b>49</b>	<b>Oregon</b>	<b>7.3%</b>	<b>6.1%</b>	<b>43</b>
50	Alaska	7.6%	5.4%	29
	<b>United States</b>	<b>5.4%</b>	<b>5.7%</b>	

Source: U.S. Department of Labor, Bureau of Labor Statistics, State and Area Employment

WELL BEING

*As of September 2004, Oregon had the second highest unemployment rate in the nation. The 2002-04 three-year average puts Oregon in the bottom fifth.*

# TRADED SECTOR CLUSTER HEALTH



*These measures address  
how well Oregon is  
creating and sustaining  
traded sector clusters  
that compete well and  
drive the economy  
through product and  
process innovation,  
market reach, and  
staying power.*

Table 6

# Manufacturing Gross State Product (2001)

Rank		Manufacturing Gross Product (In Millions)	% of Total GSP
1	Indiana	\$51,647	27.2%
<b>2</b>	<b>Oregon</b>	<b>\$30,613</b>	<b>25.5%</b>
3	Kentucky	\$30,297	25.2%
4	Wisconsin	\$41,988	23.7%
5	Michigan	\$73,937	23.1%
6	North Carolina	\$58,923	21.4%
7	Ohio	\$79,603	21.3%
8	Iowa	\$19,112	21.0%
9	South Carolina	\$23,124	20.1%
10	Arkansas	\$13,136	19.3%
11	Tennessee	\$34,166	18.7%
12	Mississippi	\$12,041	17.9%
13	Idaho	\$6,570	17.8%
14	Alabama	\$21,626	17.8%
15	Missouri	\$30,442	16.8%
16	Pennsylvania	\$68,297	16.7%
17	New Hampshire	\$7,610	16.1%
18	Kansas	\$14,053	16.1%
19	Minnesota	\$29,801	15.8%
20	Vermont	\$2,998	15.7%
21	Connecticut	\$24,277	14.6%
22	Georgia	\$43,489	14.5%
23	Illinois	\$68,339	14.4%
24	Maine	\$5,239	14.0%
25	Oklahoma	\$13,034	13.9%
26	New Mexico	\$7,545	13.6%
27	Arizona	\$21,707	13.5%
28	Delaware	\$5,235	12.9%
29	West Virginia	\$5,249	12.4%
30	Washington	\$27,387	12.3%
31	Nebraska	\$6,994	12.3%
32	Texas	\$93,754	12.3%
33	California	\$163,841	12.1%
34	Massachusetts	\$34,427	12.0%
35	Louisiana	\$17,416	11.7%
36	Virginia	\$31,607	11.6%
37	New Jersey	\$42,068	11.5%
38	Utah	\$8,079	11.5%
39	South Dakota	\$2,744	11.3%
40	Rhode Island	\$4,105	11.1%
41	New York	\$77,701	9.4%
42	North Dakota	\$1,641	8.6%
43	Colorado	\$14,991	8.6%
44	Wyoming	\$1,542	7.6%
45	Maryland	\$13,963	7.2%
46	Montana	\$1,535	6.8%
47	Florida	\$29,038	5.9%
48	Nevada	\$3,070	3.9%
49	Alaska	\$1,056	3.7%
50	Hawaii	\$1,173	2.7%

TRADED SECTOR  
CLUSTER HEALTH

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Gross State Product Estimates, 2001

*Oregon ranked second in the nation in manufacturing intensity—more than 25% of gross product comes from manufacturing.*

**Table 7****Oregon Traded Sector Jobs**

<b>Cluster</b> (Cluster Industry)	<b>Number of Firms in OR* (2003)</b>	<b>Number of Jobs in OR* (2003)</b>	<b>Number of Jobs in OR** (2000)</b>
<b>High Technology Software</b>			<b>75,984</b>
Semiconductor & Electronic Component Mfg.	101	29,606	
Software Publishers	429	7,189	
Computer and Peripheral Equipment Mfg.	39	3,618	
<b>Forest Products / Wood / Paper</b>			<b>65,918</b>
Plywood & Engineered Wood Product Mfg.	114	11,058	
Sawmills and Wood Preservation	132	8,554	
Millwork	151	8,272	
Logging	875	7,574	
Support Activities for Forestry	320	5,038	
<b>Food Processing and Agriculture</b>			<b>50,608</b>
Noncitrus Fruit & Tree Nut Farming	411	7,163	
Frozen Food Mfg.	31	6,133	
<b>Apparel / Sporting Goods</b>			<b>18,121</b>
Family Clothing Stores	223	6,726	
Footwear Merchant Wholesalers	22	5,309	
<b>Transportation Equipment</b>			<b>17,796</b>
Motor Vehicle Body & Trailer Mfg.	57	3,473	
Recreational Vehicle Dealers	95	1,806	
<b>Creative Services</b>			<b>17,025</b>
Video Tape & Disc Rental	294	2,811	
Other Services Related to Advertising	104	912	
<b>Recreation</b>			<b>15,725</b>
RV Parks & Recreational Camps	189	1,268	
Promoters with Facilities	18	780	
Skiing Facilities	10	1,005	
<b>Metals</b>			<b>10,107</b>
Ferrous Metal Foundries***	19	3,263	
Other Industrial Machinery Mfg.	74	2,519	
Cutlery & Handtool Mfg.	32	2,185	
<b>Nursery Products</b>			<b>10,070</b>
Nursery & Floriculture Production	399	11,292	
Nursery, Garden, & Farm Supply Stores	177	1,819	
<b>Professional Services</b>			<b>4,347</b>
Other Legal Services	97	1,151	
All Other Professional & Technical Services	220	857	
Drafting Services	57	164	
<b>Biomedical</b>			<b>3,276</b>
Physical, Engineering & Biological Research	255	2,680	
Dental Equipment & Supplies Manufacturing	17	1,119	

All data pertain to private establishments only.

\*2003 data are preliminary.

\*\*2003 and 2002 Oregon data do not meet BLS or state agency disclosure standards. Oregon data reported here for this industry are for 2001.

\*\*\*2003 Oregon data do not meet BLS or state agency disclosure standards. Oregon data reported here for this industry are for 2002.

*Just these traded sector industries employed almost 200,000 workers in Oregon in 2003.*

Table 8

# Oregon Traded Sector Net Job Growth (2001-2003)

Cluster (Cluster Industry)	% Change Number of Jobs OR*	% Change Number of Jobs U.S.*	Job Change OR Less Job Change U.S.
<b>High Technology Software</b>			
Semiconductor & Electronic Component Mfg.	-15.0%	-28.4%	13.4%
Software Publishers	-21.3%	-12.5%	-8.7%
Computer and Peripheral Equipment Mfg.	-31.2%	-22.4%	-8.8%
<b>Forest Products / Wood / Paper</b>			
Plywood & Engineered Wood Product Mfg.	-10.5%	-3.3%	-7.2%
Sawmills and Wood Preservation	-4.0%	-6.8%	2.7%
Millwork	-3.2%	-2.5%	-0.6%
Logging	0.6%	-6.2%	6.8%
Support Activities for Forestry	28.1%	0.9%	27.2%
<b>Food Processing and Agriculture</b>			
Noncitrus Fruit & Tree Nut Farming	-1.4%	1.3%	-2.7%
Frozen Food Mfg.	-8.8%	-6.3%	-2.5%
<b>Apparel / Sporting Goods</b>			
Family Clothing Stores	-10.7%	-2.0%	-8.7%
Footwear Merchant Wholesalers	36.8%	2.2%	34.6%
<b>Transportation Equipment</b>			
Motor Vehicle Body & Trailer Mfg.	2.8%	-4.2%	7.1%
Recreational Vehicle Dealers	70.2%	12.0%	58.2%
<b>Creative Services</b>			
Video Tape & Disc Rental	2.4%	-2.9%	5.3%
Other Services Related to Advertising	-10.9%	-2.0%	-8.9%
<b>Recreation</b>			
RV Parks & Recreational Camps	-4.2%	-0.4%	-3.7%
Promoters with Facilities	-22.5%	12.1%	-34.7%
Skiing Facilities	3.0%	3.2%	-0.2%
<b>Metals</b>			
Ferrous Metal Foundries**	NA	-18.2%	NA
Other Industrial Machinery Mfg.	-10.6%	-20.0%	9.4%
Cutlery & Handtool Mfg.	-1.4%	-15.8%	14.4%
<b>Nursery Products</b>			
Nursery & Floriculture Production	8.9%	-2.3%	11.2%
Nursery, Garden, & Farm Supply Stores	-9.8%	-4.9%	-4.9%
<b>Professional Services</b>			
Other Legal Services	17.9%	36.5%	-18.5%
All Other Professional & Technical Services	12.3%	26.3%	-14.0%
Drafting Services	-9.9%	-11.1%	1.2%
<b>Biomedical</b>			
Physical, Engineering & Biological Research	18.4%	1.4%	17.0%
Dental Equipment & Supplies Manufacturing	-11.0%	-4.5%	-6.5%

All data pertain to private establishments only.

\*2003 data are preliminary.

\*\*2003 Oregon data do not meet BLS or state agency disclosure standards.

TRADED SECTOR  
CLUSTER HEALTH

*Even though many Oregon sectors lost jobs between 2001 and 2003, quite a few had a net gain/loss that was at least 10% better than the U.S.*

**Table 9****Oregon Traded Sector Annual Pay**

<b>Cluster</b> (Cluster industry)	<b>Annual Pay OR*</b>	<b>Annual Pay as % of National Average</b>
<b>High Technology Software</b>	<b>\$74,037</b>	
Semiconductor & Electronic Component Mfg.	\$76,139	119.1%
Software Publishers	\$77,538	75.8%
Computer and Peripheral Equipment Mfg.	\$63,602	69.4%
All other	\$39,903	NA
<b>Forest Products / Wood / Paper</b>	<b>\$37,921</b>	
Plywood & Engineered Wood Product Mfg.	\$38,215	112.2%
Sawmills and Wood Preservation	\$41,853	129.1%
Millwork	\$30,944	96.4%
Logging	\$36,902	125.0%
Support Activities for Forestry	\$24,694	84.6%
All other	\$43,601	NA
<b>Food Processing and Agriculture</b>	<b>\$24,181</b>	
Noncitrus Fruit & Tree Nut Farming	\$13,688	83.2%
Frozen Food Mfg.	\$25,091	78.5%
All Other	\$26,211	NA
<b>Apparel / Sporting Goods</b>	<b>\$50,188</b>	
Family Clothing Stores	\$17,555	105.7%
Footwear Merchant Wholesalers	\$97,127	153.7%
All Other	\$36,225	NA
<b>Transportation Equipment</b>	<b>\$35,476</b>	
Motor Vehicle Body & Trailer Mfg.	\$31,540	85.2%
Recreational Vehicle Dealers	\$43,045	112.2%
<b>Creative Services</b>	<b>\$12,267</b>	
Video Tape & Disc Rental	\$11,595	90.5%
Other Services Related to Advertising	\$12,222	43.9%
All other	\$14,705	NA
<b>Recreation</b>	<b>\$13,773</b>	
RV Parks & Recreational Camps	\$13,594	78.4%
Promoters with Facilities	\$15,232	53.8%
Skiing Facilities	\$12,865	78.4%
<b>Metals</b>	<b>\$48,888</b>	
Ferrous Metal Foundries**	\$49,887	NA
Other Industrial Machinery Mfg.	\$61,196	105.7%
Cutlery & Handtool Mfg.	\$43,315	99.8%
All Other	\$42,401	NA
<b>Nursery Products</b>	<b>\$22,748</b>	
Nursery & Floriculture Production	\$22,817	100.5%
Nursery, Garden, & Farm Supply Stores	\$22,318	99.0%
<b>Professional Services</b>	<b>\$39,122</b>	
Other Legal Services	\$39,145	87.4%
All Other Professional & Technical Services	\$40,582	92.6%
Drafting Services	\$31,325	75.7%
<b>Biomedical</b>	<b>\$47,616</b>	
Physical, Engineering & Biological Research	\$34,702	48.1%
Dental Equipment & Supplies Manufacturing	\$34,863	42.9%
All Other Professional & Technical Services	\$38,598	62.6%

All data pertain to private establishments only.

\*2003 data are preliminary.

\*\*2003 Oregon data do not meet BLS or state agency disclosure standards. Oregon pay data reported here for this industry are for 2002.

TRADED SECTOR  
CLUSTER HEALTH

*Many industries pay higher salaries in Oregon than elsewhere in the U.S. Sawmills and wood preservation, footwear merchant wholesalers, semiconductor, logging, and recreational vehicle industries all pay more than 110% of the national average.*



**Table 10****Oregon Traded Sector Industry Concentration  
(2003)**

<b>Cluster</b> (Cluster industry)	<b>Industry Concentration Index*</b>
<b>High Technology Software</b>	
Semiconductor & Electronic Component Mfg.	5.25
Software Publishers	2.48
Computer and Peripheral Equipment Mfg.	1.33
<b>Forest Products / Wood / Paper</b>	
Plywood & Engineered Wood Product Mfg.	8.02
Sawmills and Wood Preservation	2.70
Millwork	8.02
Logging	4.51
Support Activities for Forestry	25.04
<b>Food Processing and Agriculture</b>	
Noncitrus Fruit & Tree Nut Farming	3.86
Frozen Food Mfg.	5.39
<b>Apparel / Sporting Goods</b>	
Family Clothing Stores	1.30
Footwear Merchant Wholesalers	16.90
<b>Transportation Equipment</b>	
Motor Vehicle Body & Trailer Mfg.	1.86
Recreational Vehicle Dealers	4.12
<b>Creative Services</b>	
Video Tape & Disc Rental	1.50
Other Services Related to Advertising	1.26
<b>Recreation</b>	
RV Parks & Recreational Camps	2.01
Promoters with Facilities	1.22
Skiing Facilities	2.38
<b>Metals</b>	
Ferrous Metal Foundries**	NA
Other Industrial Machinery Mfg.	2.10
Cutlery & Handtool Mfg.	2.96
<b>Nursery Products</b>	
Nursery & Floriculture Production	6.07
Nursery, Garden, & Farm Supply Stores	1.26
<b>Professional Services</b>	
Other Legal Services	1.13
All Other Professional & Technical Services	1.62
Drafting Services	1.34
<b>Biomedical</b>	
Physical, Engineering & Biological Research	0.47
Dental Equipment & Supplies Manufacturing	5.93

\*The industry concentration index is a measure of how concentrated an industry is in Oregon relative to the nation. An index value of one means that the industry makes up the same proportion of the Oregon economy as it does the U.S. economy. Higher index values indicate that the industry is relatively more concentrated in Oregon than elsewhere. The industry concentration index is a location quotient, computed as the percentage of total Oregon employment in each industry divided by the percentage of total U.S. employment in that same industry nationally. 2003 data are preliminary.

\*\* 2003 Oregon data do not meet BLS or state agency disclosure standards.

*Support activities for forestry and for footwear merchant wholesalers are the most highly concentrated traded sector industries in Oregon relative to the U.S. as a whole.*

Table 11

# Employment Growth (Non-Agricultural )

Rank		% growth (4/2003 to 4/2004)	% growth (4/2001 to 4/2004)	Rank	% growth (4/1994 to 4/2004)	Rank
1	Nevada	4.7%	6.72%	1	58.70%	1
2	Arizona	2.5%	2.61%	8	43.85%	2
2	Virginia	2.5%	1.35%	12	19.19%	14
4	Florida	2.4%	3.44%	7	24.59%	6
5	Hawaii	2.3%	3.66%	4	8.34%	45
6	Alaska	1.9%	4.89%	2	17.79%	18
6	Idaho	1.9%	2.13%	9	26.81%	4
6	Wyoming	1.9%	3.56%	5	19.48%	13
9	New Mexico	1.8%	4.01%	3	21.35%	9
9	Oregon	1.8%	-1.18%	30	18.36%	17
11	Washington	1.7%	-.60%	23	18.42%	16
12	New Jersey	1.6%	.61%	16	13.64%	34
13	Utah	1.5%	.18%	17	27.81%	3
14	Vermont	1.4%	-.43%	20	15.58%	25
15	South Carolina	1.3%	.07%	18	15.27%	28
16	Maryland	1.2%	1.80%	11	18.60%	15
16	Montana	1.2%	3.50%	6	22.00%	8
16	South Dakota	1.2%	.90%	15	17.12%	21
19	Missouri	1.1%	-1.08%	29	10.63%	38
19	New Hampshire	1.1%	-1.59%	39	21.20%	10
19	North Carolina	1.1%	-2.19%	41	15.48%	26
19	Tennessee	1.1%	-.48%	22	13.37%	35
19	Wisconsin	1.1%	-.75%	24	15.03%	29
24	Delaware	1.0%	-1.28%	32	17.63%	19
25	Rhode Island	.9%	1.29%	14	12.35%	36
26	Iowa	.8%	-1.54%	37	11.13%	37
26	Mississippi	.8%	-.86%	27	9.54%	40
26	North Dakota	.8%	1.30%	13	14.81%	30
29	Georgia	.7%	2.05%	10	20.42%	12
30	Indiana	.6%	-1.46%	35	10.26%	39
30	Maine	.6%	-.39%	19	15.76%	24
30	Minnesota	.6%	-.80%	25	16.06%	23
30	Texas	.6%	-1.23%	31	23.09%	7
34	Arkansas	.5%	-1.02%	28	13.80%	33
34	California	.5%	-1.29%	33	21.02%	11
34	Louisiana	.5%	-.45%	21	14.31%	32
37	Colorado	.4%	-3.64%	47	26.74%	5
37	Kentucky	.4%	-1.32%	34	15.33%	27
37	New York	.4%	-2.37%	43	8.18%	47
40	Alabama	.3%	-1.85%	40	8.31%	46
40	Kansas	.3%	-2.69%	44	14.65%	31
40	Oklahoma	.3%	-3.51%	46	16.78%	22
43	Nebraska	.1%	-.80%	25	17.44%	20
44	Pennsylvania	.0%	-1.58%	38	8.98%	43
45	Connecticut	-.2%	-2.31%	42	7.39%	50
45	Illinois	-.2%	-3.70%	48	8.07%	48
47	Ohio	-.4%	-3.46%	45	9.20%	41
47	West Virginia	-.4%	-1.51%	36	9.05%	42
49	Michigan	-.06	-4.44%	49	7.78%	49
50	Massachusetts	-1.0%	-5.66%	50	8.39%	44

TRADED SECTOR  
CLUSTER HEALTH

Source: U.S. Department of Labor, Bureau of Labor and Statistics, State and Area Employment

*Oregon's recent job growth has picked up strongly in contrast to its overall decline since 2001. Over the past decade, Oregon's 18.36% job growth rate ranks 17.*

Table 12

# Traded Sector Strength (2002)

Relates to Oregon Benchmark 2, Traded Sector Strength

Rank	Measure*
1	Connecticut \$22,305
2	Massachusetts \$19,597
3	New Jersey \$18,743
4	New York \$18,632
5	Delaware \$15,831
6	Virginia \$15,537
7	Michigan \$15,393
8	Washington \$15,266
9	New Hampshire \$15,262
10	Illinois \$15,259
11	California \$14,777
12	Colorado \$14,685
13	Maryland \$14,561
14	Indiana \$14,410
15	Texas \$14,318
16	Minnesota \$14,032
17	Pennsylvania \$13,711
18	Georgia \$13,634
19	Alaska \$13,123
20	Ohio \$13,087
21	Wisconsin \$13,037
22	Nevada \$12,785
23	Rhode Island \$12,625
24	Kansas \$12,479
25	North Carolina \$12,285
26	Oklahoma \$11,882
27	Arkansas \$11,701
<b>28</b>	<b>Oregon \$11,430</b>
29	Nebraska \$11,349
30	Missouri \$11,232
31	Tennessee \$11,177
32	Alabama \$11,125
33	Kentucky \$11,120
34	Utah \$11,110
35	Vermont \$11,024
36	Iowa \$11,020
37	South Carolina \$10,703
38	Hawaii \$10,655
39	Idaho \$10,531
40	Louisiana \$10,521
41	Wyoming \$10,406
42	South Dakota \$10,392
43	West Virginia \$10,006
44	Mississippi \$9,943
45	Maine \$9,799
46	Arizona \$9,762
47	New Mexico \$9,099
48	North Dakota \$9,007
49	Florida \$7,953
50	Montana \$7,192

\* Measures are based on the amount of income per worker each state derives from its traded sector activities.

TRADED SECTOR  
CLUSTER HEALTH

*Average wages in Oregon's traded sector industries ranked 28th in the nation in 2002.*

Table 13

# State Exports (2001)

Relates to Oregon Benchmark 16, Export Stability

Rank		Dollars Per Capita (2003)	Export Related Shipments as a % of Manufacturing Total (2001)	Rank	Export Related Employment as a % of Manufacturing Total (2001)	Rank
1	Washington	\$5,573	49.4%	1	41.0%	1
2	Texas	\$4,469	21.6%	13	22.7%	13
3	Vermont	\$4,243	45.4%	2	38.4%	2
4	Alaska	\$4,222	15.0%	37	11.9%	44
5	Louisiana	\$4,090	13.7%	42	14.1%	41
6	Michigan	\$3,268	22.8%	11	25.4%	7
<b>7</b>	<b>Oregon</b>	<b>\$2,910</b>	<b>27.8%</b>	<b>4</b>	<b>24.9%</b>	<b>8</b>
8	Massachusetts	\$2,901	25.9%	8	26.0%	4
9	South Carolina	\$2,839	25.5%	9	25.6%	5
10	California	\$2,649	26.7%	6	26.3%	3
11	Indiana	\$2,647	20.1%	15	20.1%	16
12	Kentucky	\$2,607	17.8%	23	17.9%	22
13	Ohio	\$2,603	22.0%	12	23.3%	11
14	Arizona	\$2,387	26.6%	7	25.5%	6
15	Connecticut	\$2,336	24.5%	10	24.0%	10
16	Delaware	\$2,307	6.8%	48	9.7%	46
17	Minnesota	\$2,227	15.5%	33	18.2%	21
18	Tennessee	\$2,159	16.7%	26	17.5%	24
19	Illinois	\$2,092	19.0%	19	18.6%	20
20	New York	\$2,042	20.0%	16	19.7%	18
21	New Jersey	\$1,947	16.2%	29	16.9%	30
22	North Carolina	\$1,927	17.2%	25	20.1%	16
23	Georgia	\$1,875	16.0%	31	15.0%	35
24	Alabama	\$1,853	18.5%	21	14.7%	38
25	Iowa	\$1,778	16.2%	29	17.4%	25
26	Utah	\$1,750	18.5%	21	18.8%	19
27	Maine	\$1,676	16.6%	27	14.9%	37
28	Kansas	\$1,672	13.2%	44	13.5%	42
29	Nebraska	\$1,566	14.7%	40	14.7%	38
30	Idaho	\$1,534	26.8%	5	24.4%	9
31	New Hampshire	\$1,500	21.5%	14	20.8%	15
32	Virginia	\$1,469	15.2%	34	17.4%	25
33	Florida	\$1,466	15.1%	36	14.7%	38
34	North Dakota	\$1,347	10.2%	46	8.1%	48
35	Colorado	\$1,342	20.0%	16	20.9%	14
36	Pennsylvania	\$1,318	16.6%	27	17.3%	27
37	West Virginia	\$1,315	18.7%	20	17.0%	29
38	Missouri	\$1,268	15.0%	37	16.2%	32
39	New Mexico	\$1,241	29.4%	3	23.2%	12
40	Wyoming	\$1,161	5.3%	50	4.4%	50
41	Rhode Island	\$1,094	17.6%	24	17.6%	23
42	Arkansas	\$1,087	15.9%	32	13.1%	43
43	Nevada	\$907	14.8%	39	15.8%	34
44	Maryland	\$897	13.7%	42	15.0%	35
45	Mississippi	\$888	12.3%	45	9.9%	45
46	South Dakota	\$879	19.8%	18	17.2%	28
47	Oklahoma	\$758	15.2%	34	16.7%	31
48	Montana	\$393	8.2%	47	6.4%	49
49	Hawaii	\$307	6.2%	49	9.0%	47
50	Wisconsin	\$210	14.5%	41	15.9%	33
<b>United States</b>			<b>20.3%</b>		<b>20.5%</b>	

TRADED SECTOR  
CLUSTER HEALTH

Source: Massachusetts Institute for Social and Economic Research; U.S. Census Bureau, Exports from Manufacturing Establishments, 2001

*Oregon is one of the country's top ten exporters, no matter which measure of exports is used.*

# PIONEERING INNOVATION



*These measures  
address how well  
Oregon is building  
a supportive  
environment for the  
continuing invention of  
new technologies,  
products, and services.*

**Table 14**  
**Part 1**

# R&D Per Capita by Performing Sector (2000)

Relates to Oregon Benchmark 7, Research & Development

Rank		Total Dollars	Federal Dollars	Rank	Industry Dollars	Rank
1	Massachusetts	\$2,044	\$41	15	\$1,550	4
2	Delaware	\$1,948	\$10	40	\$1,836	1
3	Michigan	\$1,898	\$24	25	\$1,772	2
4	Washington	\$1,779	\$44	14	\$1,567	3
5	New Mexico	\$1,694	\$176	4	\$636	15
6	Maryland	\$1,625	\$917	1	\$382	27
7	California	\$1,620	\$49	12	\$1,346	6
8	New Jersey	\$1,557	\$50	11	\$1,430	5
9	Connecticut	\$1,433	\$6	48	\$1,281	7
10	Rhode Island	\$1,428	\$229	2	\$1,037	8
11	Idaho	\$1,103	\$17	31	\$1,029	9
12	Illinois	\$1,026	\$7	45	\$857	10
13	Colorado	\$978	\$56	9	\$726	12
14	Minnesota	\$871	\$6	46	\$754	11
15	Pennsylvania	\$801	\$12	35	\$641	14
16	Vermont	\$763	\$6	47	\$649	13
17	New York	\$713	\$9	41	\$555	16
17	Virginia	\$713	\$204	3	\$382	26
19	Ohio	\$674	\$54	10	\$525	17
20	New Hampshire	\$625	\$29	22	\$472	20
21	North Carolina	\$624	\$32	20	\$454	21
22	Oregon	\$617		24	\$481	18
23	Utah	\$607	\$31	21	\$436	23
24	Arizona	\$604	\$28	23	\$473	19
25	Texas	\$551	\$22	27	\$428	24
26	Indiana	\$534	\$12	37	\$438	22
27	Kansas	\$527	\$7	43	\$423	25
28	Wisconsin	\$501	\$7	44	\$369	28
29	Missouri	\$461	\$8	42	\$338	29
30	Alabama	\$389	\$149	5	\$136	37
31	Tennessee	\$361	\$16	32	\$213	30
32	Iowa	\$347	\$12	36	\$184	34
33	Georgia	\$340	\$33	19	\$192	33
34	Alaska	\$313	\$120	6	\$14	49
35	Florida	\$290	\$36	18	\$200	31
36	South Carolina	\$280	\$11	38	\$194	32
37	Nebraska	\$256	\$15	34	\$116	40
38	West Virginia	\$253	\$57	8	\$130	38
39	Maine	\$250	\$4	49	\$157	35
40	Hawaii	\$240	\$48	13	\$36	45
41	North Dakota	\$227	\$40	16	\$80	43
42	Kentucky	\$214	\$2	50	\$144	36
43	Oklahoma	\$191	\$17	30	\$96	42
44	Montana	\$188	\$39	17	\$31	47
45	Nevada	\$187	\$10	39	\$123	39
46	Mississippi	\$180	\$66	7	\$35	46
47	Arkansas	\$170	\$17	29	\$102	41
48	Louisiana	\$140	\$22	26	\$28	48
49	Wyoming	\$123	\$15	33	\$14	50
50	South Dakota	\$112	\$18	28	\$58	44
	United States	\$938	\$62		\$707	

PIONEERING  
INNOVATION

*Though more recent data is currently unavailable, in 2000 Oregon ranked 18th for industry R&D spending per capita.*

**Table 14**  
**Part 2**

## R&D Per Capita by Performing Sector (2000)

Relates to Oregon Benchmark 7, Research & Development

Rank	Academic	Other Federal Funded Non-Profit Organizations	Rank
1	Maryland	\$284	\$42 10
2	Massachusetts	\$234	\$220 2
3	Alaska	\$171	\$7 25
4	Iowa	\$143	\$9 20
5	Connecticut	\$137	\$2 34
5	Utah	\$137	\$9 20
7	New Mexico	\$135	\$747 1
8	Hawaii	\$133	\$23 15
9	North Carolina	\$129	\$9 20
10	Colorado	\$126	\$22 16
10	Pennsylvania	\$126	\$70 4
12	Rhode Island	\$123	\$38 11
12	Wisconsin	\$123	\$2 34
14	Nebraska	\$122	\$2 34
14	New Hampshire	\$122	\$4 30
16	New York	\$121	\$29 12
17	California	\$119	\$106 3
18	Georgia	\$113	\$2 34
19	Missouri	\$110	\$8 24
19	Montana	\$110	\$6 28
21	Washington	\$109	\$59 7
22	Vermont	\$106	\$2 34
23	North Dakota	\$105	\$2 34
<b>24</b>	<b>Oregon</b>	<b>\$101</b>	<b>\$9 20</b>
25	Michigan	\$100	\$2 34
26	Delaware	\$99	\$3 32
27	Texas	\$97	\$4 30
28	Alabama	\$96	\$7 25
28	Kansas	\$96	\$1 43
30	Illinois	\$94	\$68 5
31	Arizona	\$90	\$10 18
32	Louisiana	\$89	\$0 48
33	Wyoming	\$87	\$7 25
34	Indiana	\$84	\$26 13
34	Minnesota	\$84	\$1 43
36	Virginia	\$83	\$44 8
37	Ohio	\$81	\$15 17
38	Mississippi	\$76	\$3 32
39	Oklahoma	\$73	\$1 43
39	South Carolina	\$73	\$5 29
41	Tennessee	\$71	\$61 6
42	Kentucky	\$68	\$1 43
43	New Jersey	\$67	\$10 18
44	Idaho	\$57	\$0 48
45	Florida	\$53	\$2 34
45	Nevada	\$53	\$1 43
47	Arkansas	\$49	\$2 34
48	Maine	\$45	\$43 9
49	West Virginia	\$41	\$25 14
50	South Dakota	\$36	\$0 48
	<b>United States</b>	<b>\$110</b>	<b>\$41</b>

*In 2000 Oregon was ranked in the top 25 for R&D spending per capita on academic institutions and other federally funded non-profit organizations.*

Table 15

# Venture Capital Investment (U.S. Companies April-Sept. 2004)

Relates to Oregon Benchmark 8, Venture Capital

Rank	Companies	Investment (In Millions)	Rank
1	California	521	\$4,632.1
2	Massachusetts	136	\$1,178.7
3	Texas	70	\$488.4
4	New York	67	\$419.6
5	Washington	59	\$443.4
6	Pennsylvania	58	\$219.4
7	New Jersey	47	\$378.8
8	Maryland	36	\$130.3
9	Georgia	33	\$218.4
10	Virginia	32	\$122.5
11	North Carolina	30	\$159.3
12	Minnesota	29	\$171.2
13	Colorado	26	\$181.4
14	Florida	25	\$87.3
14	Illinois	25	\$120.9
<b>16</b>	<b>Oregon</b>	<b>21</b>	<b>\$113.9</b>
17	Connecticut	18	\$152.8
18	Utah	17	\$103.5
19	Ohio	16	\$51.1
20	New Hampshire	14	\$98.4
21	Tennessee	11	\$43.1
22	Michigan	8	\$14.7
23	Arizona	7	\$87.2
24	Kentucky	5	\$51.9
24	Missouri	5	\$57.3
26	Rhode Island	4	\$32.0
27	Idaho	3	\$4.0
27	Indiana	3	\$25.5
29	Hawaii	2	\$15.6
29	Iowa	2	\$5.1
29	Kansas	2	\$20.0
29	Maine	2	\$5.0
29	Nevada	2	\$9.5
29	New Mexico	2	\$6.5
29	Oklahoma	2	\$4.9
29	South Dakota	2	\$1.9
37	Arkansas	1	\$4.0
37	Delaware	1	\$.1
37	Louisiana	1	\$1.4
37	Mississippi	1	\$.8
37	Montana	1	\$.4
37	South Carolina	1	\$2.5
37	Vermont	1	\$1.5
37	West Virginia	1	\$.5
37	Wisconsin	1	\$6.5
37	Wyoming	1	\$1.5
	Alabama	none reported	none reported
	Alaska	none reported	none reported
	Nebraska	none reported	none reported
	North Dakota	none reported	none reported
	<b>United States</b>	<b>1,360</b>	<b>\$9,912.1</b>

PIONEERING  
INNOVATION

Source: 2004 PricewaterhouseCoopers/Venture Economics/NVCA MoneyTree Survey

*Oregon ranks 16th both for the number of companies receiving venture capital and the total dollar amount of venture capital invested.*



Table 16

## Patents Granted

(By State of Residence of Applicant, 2003)

Rank		Patents Granted (Per 1000 Residents)	Total Patents Granted	Rank
1	Idaho	1.35	1,850	17
2	Vermont	.75	465	33
3	Massachusetts	.65	4,191	5
4	Minnesota	.64	3,260	10
5	California	.62	22,075	1
6	New Hampshire	.57	730	26
7	Connecticut	.53	1,844	18
8	Oregon	.52	1,867	16
9	Colorado	.51	2,301	13
10	Delaware	.46	372	38
11	New Jersey	.45	3,920	7
12	Michigan	.42	4,218	4
13	Washington	.41	2,516	12
14	Wisconsin	.38	2,082	15
15	New York	.36	6,921	2
16	Ohio	.34	3,892	8
17	Illinois	.31	3,964	6
18	Utah	.31	724	27
19	Arizona	.31	1,714	19
20	Rhode Island	.30	325	39
21	Texas	.29	6,376	3
22	Pennsylvania	.29	3,555	9
23	Maryland	.29	1,577	21
24	Indiana	.27	1,676	20
25	North Carolina	.26	2,174	14
26	Iowa	.24	711	28
27	New Mexico	.22	404	37
28	Nevada	.20	455	35
29	Florida	.18	3,119	11
30	Kansas	.18	491	32
31	Georgia	.18	1,535	22
32	Virginia	.17	1,249	23
33	Wyoming	.17	84	48
34	Tennessee	.17	973	24
35	Missouri	.17	945	25
36	Oklahoma	.16	563	30
37	South Carolina	.16	649	29
38	Nebraska	.14	240	40
39	Montana	.14	125	45
40	Maine	.13	165	43
41	Kentucky	.12	494	31
42	South Dakota	.12	89	47
43	Alabama	.10	459	34
44	North Dakota	.10	62	49
45	Louisiana	.10	438	36
46	West Virginia	.08	141	44
47	Hawaii	.08	96	46
48	Alaska	.07	43	50
49	Arkansas	.06	176	42
50	Mississippi	.06	184	41
United States			98,563	

Oregon ranked 8th for per capita patents granted in 2003.

Table 17

# Science and Engineering Doctorates Awarded (2002)

PIONEERING  
INNOVATION

Rank		Number Per 1 Million Residents	Total Number Awarded	Rank
1	Massachusetts	227.5	1461	4
2	Rhode Island	147.0	157	34
3	Delaware	124.1	100	37
4	Iowa	120.6	354	22
5	Maryland	117.1	638	11
6	Utah	114.3	265	28
7	New York	111.0	2124	2
8	Connecticut	102.1	353	23
9	Colorado	101.5	457	18
10	Kansas	101.4	275	27
11	Pennsylvania	97.9	1207	6
12	Michigan	96.3	967	8
13	Illinois	96.1	1210	5
14	Indiana	95.7	589	14
15	Wisconsin	95.6	520	16
16	New Mexico	95.0	176	33
17	California	92.3	3232	1
18	Nebraska	86.8	150	35
19	Ohio	86.5	987	7
20	North Carolina	83.9	697	10
21	Virginia	82.7	603	13
22	Minnesota	80.2	403	21
23	Vermont	79.5	49	45
24	Arizona	76.6	417	19
25	Washington	75.8	460	17
26	Georgia	74.6	637	12
27	North Dakota	72.6	46	46
28	Missouri	72.1	409	20
29	Alabama	68.5	307	25
30	Wyoming	68.2	34	48
31	Texas	67.3	1462	3
<b>32</b>	<b>Oregon</b>	<b>66.2</b>	<b>233</b>	<b>30</b>
33	Louisiana	65.5	293	26
34	New Hampshire	64.3	82	38
35	Montana	62.6	57	43
36	Hawaii	61.3	76	40
37	New Jersey	60.8	521	15
38	Tennessee	59.2	343	24
39	South Carolina	58.5	240	29
40	Oklahoma	56.2	196	31
41	Mississippi	47.4	136	36
42	South Dakota	47.3	36	47
43	Florida	45.7	762	9
44	Kentucky	45.2	185	32
45	West Virginia	44.9	81	39
46	Idaho	37.2	50	44
47	Alaska	29.6	19	50
48	Nevada	28.1	61	42
49	Arkansas	25.9	70	41
50	Maine	23.2	30	49

Source: National Science Foundation's "Science and Engineering Doctorate Awards:2002"

*Oregon was below the median in science and engineering doctorates awarded, both total and per capita in 2002.*

Table 18

# New Companies (2002)

Relates to Oregon Benchmark 3, New Employers

Rank		New Companies Per 1,000 Workers
1	Washington	12.13
2	Colorado	10.38
3	Florida	9.00
4	Utah	8.84
5	Wyoming	8.42
6	Nevada	7.87
7	Montana	7.69
8	Delaware	7.62
9	California	7.52
10	Idaho	7.36
11	<b>Oregon</b>	<b>7.18</b>
12	Maryland	7.10
13	Alaska	7.03
14	New Jersey	6.85
15	Georgia	6.70
16	Vermont	6.69
17	New Hampshire	6.47
18	Rhode Island	6.46
19	Maine	6.45
20	New York	6.36
21	Massachusetts	6.23
22	Hawaii	6.11
23	New Mexico	6.02
24	Virginia	5.74
25	North Carolina	5.50
26	Missouri	5.46
27	Tennessee	5.46
28	Arizona	5.35
29	South Carolina	5.22
30	Oklahoma	5.14
31	Pennsylvania	5.08
32	Texas	5.02
33	Connecticut	4.92
34	West Virginia	4.90
35	Louisiana	4.89
36	Mississippi	4.82
37	Kansas	4.74
38	Minnesota	4.69
39	Alabama	4.56
40	Michigan	4.56
41	Nebraska	4.56
42	Kentucky	4.34
43	Illinois	4.29
44	Indiana	4.26
45	Arkansas	4.19
46	Wisconsin	4.02
47	North Dakota	3.92
48	Ohio	3.84
49	Iowa	3.39
50	South Dakota	3.30

*Oregon was among the top for new companies in 2002.*

Table 19

# Annual Manufacturing Investment (2001)

Rank		Per Employee	Employees	Machinery & Equipment (In Thousands)
1	Louisiana	\$20,776	156,910	\$3,259,885
2	New Mexico	\$19,275	32,712	\$630,512
3	Idaho	\$18,126	63,876	\$1,157,786
4	Vermont	\$15,591	45,847	\$714,803
<b>5</b>	<b>Oregon</b>	<b>\$14,560</b>	<b>199,177</b>	<b>\$2,899,991</b>
6	Arizona	\$13,914	186,376	\$2,593,261
7	Colorado	\$12,779	163,065	\$2,083,882
8	Kentucky	\$12,667	276,316	\$3,499,977
9	Texas	\$11,834	950,423	\$11,247,496
10	California	\$10,952	1,792,226	\$19,628,560
11	Hawaii	\$10,932	14,382	\$157,221
12	Utah	\$10,517	121,834	\$1,281,331
13	Tennessee	\$10,469	441,363	\$4,620,591
14	Maine	\$10,198	79,788	\$813,645
15	North Dakota	\$10,002	23,365	\$233,693
16	New Jersey	\$9,603	379,522	\$3,644,389
17	Massachusetts	\$9,597	376,694	\$3,615,304
18	Montana	\$9,398	20,363	\$191,380
19	Michigan	\$9,315	749,478	\$6,981,199
20	Wyoming	\$9,305	8,981	\$83,569
21	Delaware	\$9,292	37,976	\$352,875
22	Oklahoma	\$9,253	161,674	\$1,495,963
23	Alabama	\$8,947	315,052	\$2,818,886
24	South Carolina	\$8,867	312,370	\$2,769,701
25	New Hampshire	\$8,837	96,715	\$854,626
26	Indiana	\$8,822	597,717	\$5,272,833
27	West Virginia	\$8,429	67,689	\$570,564
28	Virginia	\$8,256	327,385	\$2,702,950
29	Maryland	\$8,211	162,377	\$1,333,239
30	Missouri	\$8,178	346,642	\$2,834,926
31	Ohio	\$7,974	923,548	\$7,364,383
32	Pennsylvania	\$7,838	768,661	\$6,024,692
33	Illinois	\$7,836	811,269	\$6,357,175
34	Connecticut	\$7,760	229,810	\$1,783,242
35	Alaska	\$7,722	12,600	\$97,292
36	Iowa	\$7,649	235,872	\$1,804,159
37	North Carolina	\$7,507	696,667	\$5,207,500
38	New York	\$7,176	707,239	\$5,074,888
39	Georgia	\$7,043	483,972	\$3,408,828
40	Washington	\$7,029	309,200	\$2,173,424
41	Minnesota	\$6,848	376,651	\$2,579,422
42	Wisconsin	\$6,816	544,342	\$3,710,392
43	Nebraska	\$6,648	104,987	\$697,928
44	Florida	\$6,246	401,281	\$2,506,475
45	Arkansas	\$6,213	226,952	\$1,410,061
46	Nevada	\$6,171	40,354	\$249,037
47	Kansas	\$6,079	193,797	\$1,178,162
48	Mississippi	\$5,912	197,763	\$1,169,221
49	Rhode Island	\$5,007	70,033	\$350,655
50	South Dakota	\$4,925	39,562	\$194,857

*Oregon ranked fifth for its annual investment in manufacturing per employee in 2001.*

## PEOPLE



*These measures look at how well Oregon is educating its citizens to help them succeed in the knowledge-based economy. First-rate education systems are critical because leading-edge employers need to locate near pools of well-educated workers.*

Table 20

# State Population (July 2003)

Rank		Population	% Change from April 1, 2000 to July 1, 2003)	Rank
1	California	35,484,453	4.8%	9
2	Texas	22,118,509	6.1%	4
3	New York	19,190,115	1.1%	44
4	Florida	17,019,068	6.5%	3
5	Illinois	12,653,544	1.9%	29
6	Pennsylvania	12,365,455	.7%	45
7	Ohio	11,435,798	.7%	45
8	Michigan	10,079,985	1.4%	38
9	Georgia	8,684,715	6.1%	4
10	New Jersey	8,638,396	2.7%	22
11	North Carolina	8,407,248	4.5%	10
12	Virginia	7,386,330	4.3%	11
13	Massachusetts	6,433,422	1.3%	39
14	Indiana	6,195,643	1.9%	29
15	Washington	6,131,445	4.0%	14
16	Tennessee	5,840,748	2.7%	22
17	Missouri	5,704,484	1.9%	29
18	Arizona	5,580,811	8.8%	2
19	Maryland	5,508,909	4.0%	14
20	Wisconsin	5,471,199	2.0%	27
21	Minnesota	5,059,375	2.8%	21
22	Colorado	4,550,688	5.8%	6
23	Alabama	4,500,752	1.2%	43
24	Louisiana	4,496,334	.6%	47
25	South Carolina	4,147,152	3.4%	19
26	Kentucky	4,117,827	1.9%	29
<b>27</b>	<b>Oregon</b>	<b>3,559,596</b>	<b>4.0%</b>	<b>14</b>
28	Oklahoma	3,511,532	1.8%	33
29	Connecticut	3,483,372	2.3%	26
30	Iowa	2,944,062	.6%	47
31	Mississippi	2,881,281	1.3%	39
32	Arkansas	2,725,714	2.0%	27
33	Kansas	2,723,507	1.3%	39
34	Utah	2,351,467	5.3%	8
35	Nevada	2,241,154	12.2%	1
36	New Mexico	1,874,614	3.1%	20
37	West Virginia	1,810,354	.1%	49
38	Nebraska	1,739,291	1.6%	36
39	Idaho	1,366,332	5.6%	7
40	Maine	1,305,728	2.4%	25
41	New Hampshire	1,287,687	4.2%	13
42	Hawaii	1,257,608	3.8%	17
43	Rhode Island	1,076,164	2.7%	22
44	Montana	917,621	1.7%	34
45	Delaware	817,491	4.3%	11
46	South Dakota	764,309	1.3%	39
47	Alaska	648,818	3.5%	18
48	North Dakota	633,837	-1.3%	50
49	Vermont	619,107	1.7%	34
50	Wyoming	501,242	1.5%	37

PEOPLE

Source: U.S. Census Bureau

*With a population of under 4 million in July 2003, Oregon grew about 4% between April 2000 and July 2003, the 14th fastest growth rate in the country.*

Table 21

## Net Migration

(July 1, 2002 to July 1, 2003)

Rank		Total Migration (July 1, 2002 to July 1, 2003)	Domestic Migration (July 1, 2002 to July 1, 2003)	Rank	Young, Single, Well Educated Net Migration Rate (1995 to 2000)*	Rank
1	Florida	285,037	177,734	1	40.1	10
2	California	193,190	-94,861	49	92.7	7
3	Texas	151,008	15,998	9	48.7	9
4	Arizona	95,466	61,200	2	109.9	4
5	Georgia	70,699	31,785	4	150.5	3
6	Nevada	58,219	44,718	3	281.8	1
7	North Carolina	56,495	25,100	6	50.2	8
8	Virginia	55,874	28,412	5	38.4	12
9	Washington	32,903	5,687	19	96.5	6
10	Maryland	30,470	8,266	14	32.2	13
11	Tennessee	29,999	19,942	7	15.2	15
12	Pennsylvania	29,042	7,841	16	-112.4	36
<b>13</b>	<b>Oregon</b>	<b>28,055</b>	<b>13,300</b>	<b>10</b>	<b>103.5</b>	<b>5</b>
14	South Carolina	26,732	19,735	8	-40.7	22
15	New Jersey	25,842	-33,225	46	-13.0	20
16	Missouri	16,494	7,871	15	-47.0	23
17	Wisconsin	14,408	4,981	24	-107.7	34
18	Connecticut	14,308	-1,234	34	-69.7	25
19	Kentucky	14,008	8,592	13	-62.0	24
20	Idaho	13,039	10,132	11	5.9	17
21	Indiana	12,166	1,019	29	-142.3	43
22	Colorado	12,155	-10,611	42	157.7	2
23	Maine	10,814	9,862	12	-80.1	28
24	New Mexico	10,641	5,074	22	-93.3	32
25	Arkansas	9,618	5,255	20	-90.4	31
26	Alabama	9,589	4,525	25	-116.3	38
27	New Hampshire	8,764	6,472	17	-114.8	37
28	Delaware	8,025	5,762	18	-13.9	21
29	Hawaii	7,964	2,129	26	-69.8	26
30	Oklahoma	7,824	400	30	-125.9	39
31	Minnesota	6,884	-7,705	39	15.5	14
32	West Virginia	5,783	5,140	21	-197.1	47
33	Rhode Island	5,699	1,843	27	-147.0	45
34	Montana	5,438	5,033	23	-161.5	46
35	Nebraska	3,241	-1,319	35	-130.3	41
36	Vermont	2,161	1,272	28	-143.5	44
37	Alaska	747	-320	33	38.9	11
38	South Dakota	730	-30	31	-215.9	48
39	Iowa	415	-5,535	38	-220.1	49
40	Wyoming	288	-130	32	-109.2	35
41	Michigan	-304	-25,583	44	-86.7	29
42	Mississippi	-653	-2,588	37	-134.1	42
43	Utah	-1,038	-11,263	43	-69.8	26
44	North Dakota	-1,334	-2,049	36	-282.0	50
45	Kansas	-1,762	-9,568	40	-104.7	33
46	Louisiana	-6,772	-10,605	41	-130.2	40
47	Illinois	-7,069	-73,980	48	12.4	16
48	Massachusetts	-11,652	-45,099	47	-4.6	18
49	Ohio	-12,019	-27,497	45	-88.2	30
50	New York	-33,856	-170,041	50	-11.3	19

\*Net migration rate measures net flow of people to or away from a state over a particular period of time. The net rate here is based on the number per thousand of each state's single 25-to-39-year-olds with college degrees who migrated to or away from that state between 1995 and 2000.

*Oregon was a popular relocation spot for U.S. residents between 2002 and 2003. It ranked in the top ten states for net domestic migration and was 13th for total in-migration. It also had the fifth highest net migration rate for young, single, educated adults (25 to 39 years old) between 1995 and 2000.*

Table 22

# Fourth and Eighth Grade Reading Proficiency (2003)

Relates to Oregon Benchmark 20, 8th Grade Reading & Math

## % At or Above Proficient, Public Schools

Rank		8th Grade	4th Grade	Rank
1	Massachusetts	43%	40%	2
2	New Hampshire	40%	40%	2
3	Vermont	39%	37%	5
3	South Dakota	39%	33%	16
5	North Dakota	38%	32%	24
6	Connecticut	37%	43%	1
6	New Jersey	37%	39%	4
6	Minnesota	37%	37%	5
6	Maine	37%	36%	8
6	Montana	37%	35%	9
6	Wisconsin	37%	33%	16
12	Colorado	36%	37%	5
12	Iowa	36%	35%	9
12	Virginia	36%	35%	9
15	New York	35%	34%	12
15	Kansas	35%	33%	16
15	Nebraska	35%	32%	24
15	Illinois	35%	31%	30
19	Missouri	34%	34%	12
19	Ohio	34%	34%	12
19	Wyoming	34%	34%	12
19	Kentucky	34%	31%	30
23	Indiana	33%	33%	16
23	Washington	33%	33%	16
<b>23</b>	<b>Oregon</b>	<b>33%</b>	<b>31%</b>	<b>30</b>
26	Pennsylvania	32%	33%	16
26	Michigan	32%	32%	24
26	Utah	32%	32%	24
26	Idaho	32%	30%	33
30	Delaware	31%	33%	16
30	Maryland	31%	32%	24
32	Rhode Island	30%	29%	34
32	Oklahoma	30%	26%	40
34	North Carolina	29%	33%	16
35	Florida	27%	32%	24
35	Alaska	27%	28%	36
35	Arkansas	27%	28%	36
38	Georgia	26%	27%	38
38	Texas	26%	27%	38
38	Tennessee	26%	26%	40
41	West Virginia	25%	29%	34
41	Arizona	25%	23%	43
43	South Carolina	24%	26%	40
44	Alabama	22%	22%	44
44	California	22%	21%	45
44	Hawaii	22%	21%	45
44	Louisiana	22%	20%	47
48	Nevada	21%	20%	47
48	Mississippi	21%	18%	50
50	New Mexico	20%	19%	49
	<b>United States</b>	<b>30%</b>	<b>30%</b>	

PEOPLE

Source: National Center for Education Statistics, The Nation's Report Card

*Oregon ranked in the middle among states for fourth and eighth grade reading in the 2002-03 school year.*



Table 23

# Fourth and Eighth Grade Writing Proficiency (2003)

## % At or Above Proficient Public Schools

Rank		8th Grade	4th Grade	Rank
1	Connecticut	45%	49%	1
2	Massachusetts	42%	44%	2
3	Vermont	41%	32%	6
4	Ohio	38%	28%	16
5	Maine	36%	32%	6
6	Delaware	35%	35%	4
6	Maryland	35%	30%	9
6	Wisconsin	35%	No Test	
9	North Carolina	34%	32%	6
9	Washington	34%	30%	9
<b>11</b>	<b>Oregon</b>	<b>33%</b>	<b>22%</b>	<b>25</b>
12	Florida	32%	33%	5
12	Kansas	32%	21%	30
12	Nebraska	32%	27%	17
12	Pennsylvania	32%	29%	12
12	Virginia	32%	29%	12
17	Texas	31%	29%	12
18	New York	30%	37%	3
19	Idaho	29%	22%	25
19	Montana	29%	22%	25
19	Rhode Island	29%	30%	9
22	Wyoming	28%	23%	21
23	Missouri	27%	22%	25
23	Oklahoma	27%	16%	39
25	Indiana	26%	26%	20
26	Georgia	25%	23%	21
26	Kentucky	25%	27%	17
28	Michigan	24%	19%	33
28	North Dakota	24%	20%	31
28	Tennessee	24%	23%	21
31	California	23%	23%	21
31	Utah	23%	20%	31
33	West Virginia	21%	19%	33
34	Alabama	20%	15%	40
34	Arizona	20%	15%	40
34	South Carolina	20%	17%	38
37	Arkansas	19%	19%	33
38	Hawaii	18%	22%	25
38	Louisiana	18%	14%	42
38	New Mexico	18%	18%	36
41	Nevada	16%	18%	36
42	Mississippi	13%	13%	43
	Alaska	No Test	No Test	
	Colorado	No Test	No Test	
	Illinois	No Test	No Test	
	Iowa	No Test	27%	17
	Minnesota	No Test	29%	12
	New Hampshire	No Test	No Test	
	New Jersey	No Test	No Test	
	South Dakota	No Test	No Test	
	<b>United States</b>	<b>30%</b>	<b>27%</b>	

About a third of eighth graders in Oregon public schools demonstrated writing proficiency in 2003, whereas only a little more than a fifth were at or above proficiency in fourth grade.

Table 24

# Fourth and Eighth Grade Math Proficiency (2003)

Relates to Oregon Benchmark 20, 8th Grade Reading & Math

## % At or Above Proficient, Public Schools

Rank		8th Grade	4th Grade	Rank
1	Minnesota	44%	42%	2
2	Massachusetts	38%	41%	4
3	North Dakota	36%	34%	17
4	New Hampshire	35%	43%	1
4	Vermont	35%	42%	2
4	Connecticut	35%	41%	4
4	Wisconsin	35%	35%	15
4	South Dakota	35%	34%	17
4	Montana	35%	31%	28
10	Kansas	34%	41%	4
10	Colorado	34%	34%	17
12	New Jersey	33%	39%	8
12	Iowa	33%	36%	10
14	North Carolina	32%	41%	4
14	Wyoming	32%	39%	8
14	Washington	32%	36%	10
14	Nebraska	32%	34%	17
14	New York	32%	33%	23
<b>14</b>	<b>Oregon</b>	<b>32%</b>	<b>33%</b>	<b>23</b>
20	Virginia	31%	36%	10
20	Indiana	31%	35%	15
20	Utah	31%	31%	28
23	Ohio	30%	36%	10
23	Pennsylvania	30%	36%	10
23	Maryland	30%	31%	28
23	Alaska	30%	30%	34
27	Maine	29%	34%	17
27	Illinois	29%	32%	26
29	Michigan	28%	34%	17
29	Idaho	28%	31%	28
29	Missouri	28%	30%	34
32	South Carolina	26%	32%	26
32	Delaware	26%	31%	28
34	Texas	25%	33%	23
35	Rhode Island	24%	28%	36
35	Kentucky	24%	22%	46
37	Florida	23%	31%	28
38	Georgia	22%	27%	37
38	California	22%	25%	39
40	Arizona	21%	25%	39
40	Tennessee	21%	24%	41
42	West Virginia	20%	24%	41
42	Nevada	20%	23%	43
42	Oklahoma	20%	23%	43
45	Arkansas	19%	26%	38
46	Hawaii	17%	23%	43
46	Louisiana	17%	21%	47
48	Alabama	16%	19%	48
49	New Mexico	15%	17%	49
50	Mississippi	12%	17%	49
	<b>United States</b>	<b>27%</b>	<b>31%</b>	

*Oregon's eighth graders ranked better in math than its fourth graders in the 2002-03 school year.*

Table 25

# Fourth and Eighth Grade Science Proficiency (2003)

% At or Above Proficient, Public Schools

Rank		8th Grade	4th Grade	Rank
1	Montana	44%	36%	4
2	Minnesota	41%	34%	8
3	Massachusetts	39%	42%	1
3	Ohio	39%	31%	13
3	Vermont	39%	38%	2
6	Nebraska	38%	26%	20
6	North Dakota	38%	36%	4
8	Idaho	37%	29%	17
9	Connecticut	35%	35%	7
9	Maine	35%	37%	3
9	Michigan	35%	32%	10
<b>12</b>	<b>Oregon</b>	<b>34%</b>	<b>27%</b>	<b>19</b>
12	Utah	34%	31%	13
12	Wyoming	34%	31%	13
15	Indiana	33%	32%	10
15	Missouri	33%	34%	8
17	Illinois	29%	31%	13
17	Virginia	29%	32%	10
19	Kentucky	28%	28%	18
19	New York	28%	24%	23
21	Maryland	27%	24%	23
21	Rhode Island	27%	25%	22
23	North Carolina	25%	23%	27
23	Oklahoma	25%	26%	20
25	Tennessee	24%	24%	23
25	West Virginia	24%	24%	23
27	Alabama	23%	22%	31
27	Arizona	23%	22%	31
27	Georgia	23%	23%	27
27	Texas	23%	23%	27
31	Arkansas	22%	23%	27
31	Nevada	22%	19%	34
33	New Mexico	20%	17%	36
33	South Carolina	20%	20%	33
35	Louisiana	18%	18%	35
36	Mississippi	15%	13%	38
37	California	14%	13%	38
37	Hawaii	14%	16%	37
	Alaska	No Test	No Test	
	Colorado	No Test	No Test	
	Delaware	No Test	No Test	
	Florida	No Test	No Test	
	Iowa	No Test	36%	4
	Kansas	No Test	No Test	
	New Hampshire	No Test	No Test	
	New Jersey	No Test	No Test	
	Pennsylvania	No Test	No Test	
	South Dakota	No Test	No Test	
	Washington	No Test	No Test	
	Wisconsin	No Test	No Test	
	<b>United States</b>	<b>30%</b>	<b>27%</b>	

PEOPLE

Source: National Center for Education Statistics, The Nation's Report Card

*Of the states ranked by the National Assessment of Educational Progress for proficiency in science, Oregon was 12th for eighth graders and 19th for fourth graders*

Table 26

## Student Resources, K-12

Rank	Spending Per Pupil K-12 Public Schools (2001-02)	Students Per Online Computer (2003)	Rank
1	New Jersey \$11,793	4.0	20
2	New York \$11,218	5.1	39
3	Connecticut \$10,577	4.7	36
4	Massachusetts \$10,232	4.1	22
5	Vermont \$9,806	4.3	28
6	Rhode Island \$9,703	4.6	34
7	Alaska \$9,563	4.0	20
8	Delaware \$9,284	4.1	22
9	Maine \$8,818	3.9	18
10	Maryland \$8,692	4.7	36
11	Michigan \$8,653*	4.2	25
12	Wyoming \$8,645	2.8	2
13	Wisconsin \$8,634	3.4	8
14	Pennsylvania \$8,537	3.6	11
15	Ohio \$8,069	3.8	16
16	Illinois \$7,956	4.8	38
17	New Hampshire \$7,935	5.1	39
18	West Virginia \$7,844	3.7	12
19	Nebraska \$7,741	3.4	8
20	Minnesota \$7,736	4.4	29
21	Indiana \$7,734	3.7	12
<b>22</b>	<b>Oregon \$7,642</b>	<b>5.5</b>	<b>45</b>
23	Virginia \$7,496	3.9	18
24	California \$7,434*	5.8	48
25	Georgia \$7,380	4.6	34
26	Kansas \$7,339	3.3	4
27	Iowa \$7,338	3.8	16
28	Hawaii \$7,306	5.6	46
29	Missouri \$7,135**	3.7	12
30	Montana \$7,062	3.3	4
31	Washington \$7,039**	4.4	29
32	South Carolina \$7,017	4.2	25
33	Colorado \$6,941	4.4	29
34	New Mexico \$6,882	4.1	22
35	Texas \$6,771	3.7	12
36	North Dakota \$6,709	3.3	4
37	Louisiana \$6,567	5.9	50
38	Kentucky \$6,523	4.2	25
39	North Carolina \$6,501	5.1	39
40	South Dakota \$6,424	2.0	1
41	Arkansas \$6,276	3.3	4
42	Oklahoma \$6,229	3.2	3
43	Florida \$6,213	4.4	29
44	Nevada \$6,079	5.7	47
45	Alabama \$6,029*	5.3	43
46	Idaho \$6,011	3.5	10
47	Arizona \$5,964	4.4	29
48	Tennessee \$5,959*	5.1	39
49	Mississippi \$5,354	5.3	43
50	Utah \$4,900	5.8	48
	<b>United States \$7,734*</b>	<b>4.3</b>	

\* Prekindergarten students were imputed, affecting total student count and per pupil expenditure calculation. Prekindergarten students and tuition expenditures (included in instruction) were imputed in Tennessee.

\*\* Value affected by redistribution of reported expenditure values to correct for missing data items.

*Oregon ranks 22nd for its K-12 spending per pupil for public schools. It ranks near the bottom for students per online computer.*

Table 27

# Postsecondary Education (2004)

		Participation Index		Completion Index		Affordability Index		
Rank	Preparation Index Score*	Score**	Rank	Score***	Rank	Score****	Rank	
1	Massachusetts	100	100	1	97	6	51	35
2	Connecticut	95	97	5	86	14	53	27
2	New Jersey	95	91	11	83	27	64	6
4	Utah	94	77	31	83	27	74	2
5	New York	93	79	27	89	11	56	21
6	Maryland	92	93	9	82	30	53	27
7	Colorado	90	86	17	81	32	61	11
8	Montana	89	74	36	76	38	42	48
8	Virginia	89	81	23	86	14	61	11
10	New Hampshire	88	78	30	99	2	41	50
10	Wisconsin	88	86	17	91	9	65	5
12	Illinois	87	95	8	86	14	66	4
12	Iowa	87	89	13	98	3	55	25
12	Minnesota	87	96	7	89	11	72	3
12	Nebraska	87	98	4	84	24	59	15
16	North Dakota	84	92	10	84	24	51	35
17	Kansas	83	99	2	83	27	58	18
17	Maine	83	82	22	85	20	43	46
17	North Carolina	83	77	31	86	14	61	11
17	South Dakota	83	89	13	85	20	50	40
21	Alaska	82	73	40	53	50	57	19
21	Missouri	82	83	21	86	14	53	27
21	Pennsylvania	82	84	20	98	3	59	15
21	Washington	82	74	36	92	7	56	21
25	West Virginia	80	71	44	74	41	50	40
26	Vermont	79	73	40	100	1	53	27
27	Ohio	78	79	27	84	24	46	43
27	Rhode Island	78	99	2	98	3	42	48
29	Delaware	77	79	27	90	10	51	35
29	Texas	77	74	36	73	45	63	7
29	Wyoming	77	86	17	89	11	56	21
32	Florida	76	75	35	92	7	52	33
32	Georgia	76	63	50	86	14	53	27
32	Hawaii	76	81	23	75	40	63	7
32	South Carolina	76	72	43	85	20	46	43
36	Indiana	74	77	31	85	20	63	7
36	Michigan	74	89	13	79	34	57	19
38	Arkansas	73	71	44	73	45	55	25
38	California	73	97	5	74	41	83	1
38	Idaho	73	70	47	77	37	62	10
38	Oregon	73	80	25	74	41	43	46
42	Kentucky	72	80	25	76	38	60	14
43	Oklahoma	70	74	36	72	47	56	21
43	Tennessee	70	71	44	78	36	48	42
45	Mississippi	68	64	49	82	30	51	35
46	Arizona	66	89	13	79	34	51	35
47	Nevada	64	76	34	58	49	52	33
48	Alabama	62	73	40	80	33	45	45
49	Louisiana	59	69	48	74	41	53	27

\*The preparation score index combines measures of high school completion, K-12 course taking, K-12 student achievement, and teacher quality.

\*\*The participation score index combines the high school to college rate, young adult enrollment, and working-age adult enrollment.

\*\*\*The completion score index combines measures of students returning, Bachelor's degree completions, and all degree completions.

\*\*\*\*The affordability index score combines families' ability to pay, strategies for affordability, and reliance on loans.

*Oregon ranks low in postsecondary education preparation, completion, and affordability.*

Table 28

## Educational Attainment of Population

(25 and Older, 2003)

See Oregon Benchmarks 23 and 26, High School &amp; College Completion

Rank		% With Bachelor's Degree or Higher	% Completed High School or Higher	Rank
1	Massachusetts	37.6%	87.1%	25
2	Maryland	37.2%	87.6%	21
3	Colorado	36.0%	88.7%	12
4	Virginia	34.2%	87.8%	20
5	New Hampshire	34.0%	92.1%	1
6	Connecticut	33.5%	87.5%	23
7	New Jersey	33.4%	86.2%	29
8	Minnesota	32.7%	91.6%	2
9	Vermont	31.3%	88.9%	11
10	Kansas	31.0%	88.6%	15
11	California	29.8%	81.1%	42
12	New York	29.6%	84.2%	36
13	Washington	28.8%	89.1%	10
14	Utah	28.4%	89.4%	9
15	Delaware	28.1%	88.7%	12
15	Illinois	28.1%	85.9%	31
17	Rhode Island	27.6%	81.0%	43
18	Hawaii	27.0%	88.5%	17
19	Nebraska	26.8%	90.8%	4
20	Missouri	26.6%	88.3%	18
<b>21</b>	<b>Oregon</b>	<b>26.4%</b>	<b>86.9%</b>	<b>26</b>
22	Arizona	26.0%	83.8%	37
23	Florida	25.8%	84.7%	35
24	North Dakota	25.2%	89.7%	7
25	Ohio	25.0%	87.2%	24
25	Georgia	25.0%	85.1%	34
27	Montana	24.9%	90.1%	6
28	Pennsylvania	24.8%	86.0%	30
29	Texas	24.7%	77.2%	50
30	Iowa	24.6%	89.7%	7
31	Oklahoma	24.3%	85.7%	32
32	Wisconsin	24.1%	88.6%	15
33	Alaska	24.0%	90.6%	5
34	South Dakota	23.9%	88.7%	12
35	North Carolina	23.8%	81.4%	40
36	Maine	23.7%	86.6%	27
36	New Mexico	23.7%	81.7%	39
38	Tennessee	23.5%	81.0%	43
39	Michigan	23.3%	87.6%	21
40	Alabama	22.7%	79.9%	47
41	Idaho	22.5%	88.2%	19
42	South Carolina	22.3%	80.8%	46
42	Louisiana	22.3%	79.8%	48
44	Indiana	22.2%	86.4%	28
45	Kentucky	21.3%	82.8%	38
46	Nevada	21.2%	85.6%	33
47	Wyoming	20.7%	90.9%	3
48	Mississippi	19.3%	81.2%	41
49	Arkansas	17.4%	80.9%	45
50	West Virginia	15.3%	78.7%	49

PEOPLE

*Oregon ranks in the middle range of all states for college and high school completion.*

Table 29

# Employed Doctoral Scientists and Engineers (2001)

Rank	Number Per 1 Million Residents	Total Number Employed	Rank
1 Delaware	5,486	4,370	34
2 New Mexico	4,992	9,140	23
3 Massachusetts	4,977	31,860	4
4 Maryland	4,751	25,590	6
5 Vermont	3,328	2,040	45
6 Connecticut	3,211	11,030	18
7 Colorado	3,209	14,220	15
8 New Jersey	2,978	25,350	7
9 Washington	2,861	17,150	14
10 Virginia	2,829	20,360	10
11 Rhode Island	2,708	2,870	39
12 California	2,650	91,690	1
13 Utah	2,598	5,920	29
14 New York	2,573	49,100	2
15 Minnesota	2,534	12,630	17
<b>16 Oregon</b>	<b>2,510</b>	<b>8,720</b>	<b>24</b>
17 New Hampshire	2,382	3,000	38
18 Pennsylvania	2,380	29,280	5
19 Hawaii	2,331	2,860	40
20 North Carolina	2,330	19,120	13
21 Alaska	2,257	1,430	47
22 Wyoming	2,106	1,040	50
23 Ohio	2,051	23,360	9
24 Montana	2,021	1,830	46
25 Idaho	2,014	2,660	41
26 North Dakota	2,011	1,280	48
27 Illinois	1,966	24,620	8
28 Michigan	1,919	19,200	12
29 Wisconsin	1,874	10,130	22
30 Maine	1,868	2,400	42
31 Nebraska	1,831	3,150	36
32 Missouri	1,825	10,290	21
33 Tennessee	1,798	10,340	20
34 Indiana	1,774	10,870	19
35 Texas	1,756	37,520	3
36 Kansas	1,747	4,720	33
37 Iowa	1,726	5,060	32
38 South Dakota	1,648	1,250	49
39 Arizona	1,643	8,720	24
40 Georgia	1,623	13,640	16
41 Oklahoma	1,487	5,160	31
42 South Carolina	1,480	6,010	28
43 Alabama	1,428	6,380	26
44 Louisiana	1,373	6,140	27
45 Kentucky	1,327	5,400	30
46 West Virginia	1,310	2,360	43
47 Mississippi	1,255	3,590	35
48 Florida	1,185	19,410	11
49 Arkansas	1,128	3,040	37
50 Nevada	1,111	2,330	44
<b>United States</b>	<b>2,298</b>	<b>655,710</b>	

Source: National Science Foundation, "State Science and Engineering Profiles and R&D Patterns: 2000-2001"

PEOPLE

*Oregon ranked in the top third of all states for number of employed PhD scientists and engineers per capita as of 2001.*

# Table 30

## Population Online

Relates to Oregon Benchmark 28, Computer/Internet Usage

Rank	Population Online (2001)
1	Alaska 68.8%
2	Minnesota 63.5%
2	New Hampshire 63.5%
4	Wyoming 62.3%
5	Maryland 61.4%
5	Utah 61.4%
7	Washington 61.3%
<b>8</b>	<b>Oregon 61.2%</b>
9	Vermont 60.5%
10	Maine 60.4%
11	Colorado 60.1%
12	New Jersey 60.0%
13	South Dakota 58.8%
14	Connecticut 58.6%
15	Virginia 58.5%
16	Delaware 58.4%
17	Iowa 58.3%
18	Kansas 58.0%
19	Montana 57.6%
20	Missouri 57.3%
21	Wisconsin 57.0%
22	Massachusetts 56.7%
22	Rhode Island 56.7%
24	North Dakota 56.5%
25	Michigan 56.4%
26	Idaho 55.8%
27	Indiana 55.5%
28	Nebraska 55.4%
29	Ohio 55.0%
29	Pennsylvania 55.0%
31	Kentucky 53.2%
32	Arizona 53.1%
33	New York 53.0%
34	Tennessee 52.5%
35	California 52.1%
36	Nevada 52.1%
37	Florida 52.0%
38	Illinois 51.3%
39	Texas 51.2%
40	Hawaii 50.9%
41	Georgia 50.3%
42	New Mexico 49.8%
43	Oklahoma 49.7%
44	South Carolina 47.7%
45	North Carolina 47.2%
46	West Virginia 46.7%
47	Alabama 46.2%
48	Arkansas 44.3%
49	Louisiana 43.4%
50	Mississippi 41.8%
	<b>U.S. Average 54.0%</b>

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Source: Progressive Policy Institute, The 2002 State New Economy Index, National Telecommunications and Information Administration, 2001; Education Week, Technology Counts, 2004

*Oregon ranked eighth for population online in 2001, but ranked in the bottom five for students per online computer in 2003.*



## PLACE



*These measures  
indicate how well  
Oregon is maintaining  
its appeal as a place  
that retains and attracts  
the talented people that  
fuel leading-edge traded  
sector clusters.*

Table 31

# Cost of Living

(2nd Quarter, 2004)

Rank (1 = Lowest)	Index*	Grocery	Health Care	Transportation	Utilities
1 Arkansas	87.2	88.2	88.5	91.4	95.1
2 Oklahoma	89.2	91.8	96.1	91.3	93.8
3 Tennessee	89.6	92.5	90.6	93.8	88.9
4 Texas	90.1	88.5	97.4	95.3	91.7
5 Utah	90.3	96.4	89.8	102.7	88.6
6 West Virginia	91.4	99.2	99.5	97.8	102.6
7 Mississippi	92.0	91.7	90.0	97.1	102.0
8 Georgia	92.1	99.3	96.9	92.4	94.6
9 Kentucky	92.3	95.3	90.3	94.5	97.9
10 Kansas	92.4	89.3	89.5	95.6	101.4
11 Missouri	92.7	95.2	94.1	92.7	89.1
12 North Dakota	93.1	93.8	95.8	95.1	91.7
13 Indiana	93.3	93.8	93.7	97.0	101.5
14 Alabama	93.5	101.2	85.7	95.3	97.4
15 Nebraska	93.9	94.2	90.3	97.4	107.0
16 Iowa	94.3	90.7	92.6	97.3	99.4
17 Idaho	94.6	91.6	101.8	103.6	95.6
18 Louisiana	95.3	94.4	89.3	98.2	91.7
19 Ohio	95.4	103.6	93.9	99.6	106.6
20 North Carolina	95.9	98.6	97.7	93.5	93.4
21 South Dakota	96.0	94.1	100.6	97.0	111.5
22 South Carolina	96.3	100.3	98.2	95.0	95.6
23 Michigan	96.8	102.6	95.4	105.3	99.1
24 Wisconsin	97.4	93.9	108.0	97.1	105.4
25 Montana	98.6	108.4	106.0	97.8	102.5
26 Virginia	99.9	97.5	94.2	95.8	107.7
27 Florida	100.0	101.9	99.3	104.0	93.1
28 Pennsylvania	100.3	97.9	83.6	98.5	103.1
29 Illinois	100.5	97.7	100.8	101.6	103.4
30 Delaware	100.9	103.0	97.5	91.4	113.3
31 Wyoming	101.1	114.9	103.9	92.1	106.8
32 New Mexico	101.9	104.2	109.1	99.6	100.1
33 Colorado	102.1	109.4	103.2	105.2	94.3
34 Arizona	103.1	109.7	106.4	107.5	103.7
35 Minnesota	103.3	94.0	110.9	100.9	103.7
35 Washington	103.3	104.8	126.7	105.6	91.8
37 Nevada	105.6	105.7	115.9	116.7	92.8
38 Oregon	109.4	108.9	129.5	109.3	106.5
39 Vermont	116.8	108.8	105.5	103.9	119.6
40 New York	119.3	111.6	101.3	109.7	125.9
41 Massachusetts	125.1	111.4	116.3	101.7	140.1
42 Rhode Island	128.1	119.2	99.2	105.5	120.5
43 Alaska	128.6	136.1	161.5	116.7	132.0
44 Connecticut	129.2	111.4	123.5	113.0	118.1
45 New Jersey	132.6	112.4	124.1	109.7	117.9
46 Maryland	137.8	121.5	126.7	118.1	114.1
47 California	146.1	121.9	116.8	124.8	105.9
48 Hawaii	168.1	154.7	128.5	131.6	138.5
Maine					
New Hampshire					

\*Index is calculated by the Missouri Economic Research and Information Center based on an average of indices of participating cities and metropolitan areas.

*Of the 48 states ranked, Oregon is the 11th most expensive state to live in.*

Table 32

# Housing Costs (2003)

Relates to Oregon Benchmark 73, Housing Affordability

Rank (1 = Lowest)	Median Monthly Housing Costs for Owners	Median Monthly Housing Costs for Renters	Rank	Housing Cost Index*	Rank
1	West Virginia	\$783	1	79.6	3
2	Arkansas	\$806	8	77.1	2
3	Mississippi	\$849	11	80.3	7
4	Oklahoma	\$861	9	80.2	5
5	Alabama	\$871	6	81.4	9
6	North Dakota	\$904	2	87.5	16
7	Kentucky	\$906	4	82.2	10
8	Louisiana	\$911	11	94.5	24
9	Iowa	\$913	13	91.0	22
10	Idaho	\$917	19	84.1	11
11	South Dakota	\$918	3	84.1	11
12	Wyoming	\$920	5	100.0	29
13	Missouri	\$945	17	87.5	16
14	Montana	\$951	7	89.0	20
15	Indiana	\$952	21	86.4	14
16	New Mexico	\$963	10	105.2	36
16	Tennessee	\$963	16	80.0	4
18	Kansas	\$993	14	86.6	15
19	Nebraska	\$1,002	15	88.3	19
20	Maine	\$1,025	18	NA	NA
21	South Carolina	\$1,037	22	90.9	21
22	Ohio	\$1,068	20	85.5	13
23	North Carolina	\$1,079	24	94.4	23
24	Pennsylvania	\$1,094	25	101.3	31
25	Michigan	\$1,122	26	87.9	18
26	Wisconsin	\$1,138	23	95.4	25
27	Vermont	\$1,142	27	128.6	39
28	Arizona	\$1,146	32	99.5	28
29	Florida	\$1,151	37	99.2	27
30	Georgia	\$1,155	34	80.2	5
31	Texas	\$1,166	29	81.2	8
32	Utah	\$1,173	28	74.4	1
33	Delaware	\$1,184	36	100.5	30
34	Minnesota	\$1,212	30	106.0	37
<b>35</b>	<b>Oregon</b>	<b>\$1,216</b>	<b>30</b>	<b>112.8</b>	<b>38</b>
36	Virginia	\$1,278	39	98.7	26
37	Nevada	\$1,279	43	102.7	34
38	Illinois	\$1,340	35	102.3	33
39	Colorado	\$1,358	40	104.8	35
40	Alaska	\$1,374	44	129.2	40
41	Washington	\$1,380	38	101.6	32
42	Rhode Island	\$1,381	33	170.0	44
43	Maryland	\$1,395	46	187.8	46
44	New Hampshire	\$1,420	44	NA	NA
45	New York	\$1,474	42	140.2	41
46	Massachusetts	\$1,571	47	154.8	42
47	Connecticut	\$1,598	41	166.3	43
48	California	\$1,660	50	218.5	47
49	Hawaii	\$1,666	49	256.1	48
50	New Jersey	\$1,723	48	173.3	45
	<b>United States</b>	<b>\$1,204</b>	<b>\$679</b>		

\*Index is calculated by the Missouri Economic Research and Information Center based on an average of indices of participating cities and metropolitan areas in that state.

Source: U.S. Census Bureau, 2003 American Community Survey

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*Oregon's high costs for homeowners make it one of the most expensive places to reside.*

**Table 33****Residential Electricity Prices and Sales**

(July 2004)

Rank (1= Lowest)		Retail Price (Cents Per kWh)	Retail Sales (Million kWh)	Rank
1	Kentucky	6.21	2,441	21
2	West Virginia	6.3	909	35
3	Washington	6.33	2,068	23
4	Idaho	6.59	572	38
5	Tennessee	6.81	3,834	11
<b>6</b>	<b>Oregon</b>	<b>7.12</b>	<b>1,236</b>	<b>33</b>
7	Indiana	7.39	3,006	19
8	Wyoming	7.62	169	49
9	Utah	7.8	836	36
10	Alabama	7.85	3,367	13
11	North Dakota	7.88	250	47
12	Arkansas	7.91	1,649	28
13	Missouri	8.05	3,258	14
14	Nebraska	8.18	835	37
14	South Carolina	8.18	3,078	18
16	Kansas	8.34	1,428	31
16	Montana	8.34	313	43
18	Louisiana	8.35	3,109	16
19	South Dakota	8.38	311	44
20	Colorado	8.46	1,478	29
21	Oklahoma	8.49	2,279	22
22	Georgia	8.51	5,742	4
23	North Carolina	8.57	5,366	5
24	Virginia	8.6	4,140	10
25	Mississippi	8.65	1,933	25
26	Arizona	8.88	3,469	12
27	Michigan	8.9	3,158	15
28	Florida	8.91	12,137	2
29	Ohio	8.99	4,777	6
30	Minnesota	9.03	1,939	24
31	Maryland	9.09	2,490	20
32	New Mexico	9.16	542	39
33	Illinois	9.21	4,156	9
34	Wisconsin	9.51	1,905	26
35	Delaware	9.63	401	40
36	Nevada	9.68	1,437	30
37	Iowa	9.98	1,289	32
38	Texas	10.18	13,955	1
39	Pennsylvania	10.29	4,565	7
40	Massachusetts	11.78	1,739	27
41	California	11.82	7,780	3
42	Rhode Island	12.26	278	45
43	New Jersey	12.44	3,108	17
44	Connecticut	12.57	1,138	34
45	Maine	12.74	344	42
46	New Hampshire	12.76	357	41
47	Alaska	12.78	141	50
48	Vermont	13.31	178	48
49	New York	15.38	4,392	8
50	Hawaii	17.87	275	46
	<b>United States</b>	<b>9.34</b>	<b>129,759</b>	

Source: Energy Information Administration, U.S. Department of Energy, Electric Power Monthly

PLACE

*Oregon residents paid just over 7 cents per kilowatt hour for electricity in July 2004, the sixth cheapest rate in the nation.*

Table 34

# Serious Crime

(Per 100,000 Population, 2003)

Relates to Oregon Benchmark 61, Overall Crime

Rank		Overall	Violent	Rank	Property	Rank
1	North Dakota	2,174	77.8	1	2,096.1	3
2	South Dakota	2,175	173.4	5	2,001.7	1
3	New Hampshire	2,203	148.8	4	2,053.9	2
4	Vermont	2,310	110.2	3	2,200.1	4
5	Maine	2,566	108.9	2	2,456.7	8
6	West Virginia	2,617	257.5	9	2,359.4	6
7	New York	2,714	465.2	33	2,248.3	5
8	Pennsylvania	2,829	398.0	28	2,431.3	7
9	Connecticut	2,910	302.8	19	2,606.7	11
10	New Jersey	2,910	365.8	26	2,544.4	9
11	Kentucky	2,943	261.7	10	2,681.5	12
12	Virginia	2,980	275.8	15	2,704.1	13
13	Massachusetts	3,019	469.4	34	2,549.5	10
14	Wisconsin	3,104	221.0	6	2,882.6	14
15	Idaho	3,151	242.7	7	2,908.7	15
16	Iowa	3,234	272.4	14	2,961.1	16
17	Rhode Island	3,281	285.6	16	2,995.0	17
18	Minnesota	3,379	262.6	12	3,116.8	19
19	Montana	3,463	365.2	25	3,098.0	18
20	Wyoming	3,583	262.1	11	3,321.3	22
21	Indiana	3,711	352.8	24	3,357.7	23
22	Michigan	3,789	511.2	37	3,277.3	20
23	Illinois	3,841	556.8	40	3,284.4	21
24	Ohio	3,974	333.2	21	3,640.5	27
25	Nebraska	4,000	289.0	17	3,711.4	28
26	California	4,004	579.3	41	3,424.3	25
27	Delaware	4,042	658.0	45	3,384.4	24
28	Mississippi	4,046	325.5	20	3,720.4	29
29	Arkansas	4,078	456.1	32	3,621.4	26
30	Colorado	4,286	345.1	22	3,940.9	32
31	Alaska	4,336	593.4	42	3,742.2	30
32	Kansas	4,390	395.5	27	3,994.0	33
33	Utah	4,474	248.6	8	4,225.5	37
34	Alabama	4,479	429.5	29	4,049.1	35
35	Missouri	4,487	472.8	35	4,014.5	34
36	Maryland	4,505	703.9	48	3,801.4	31
37	Georgia	4,709	453.9	30	4,254.6	38
38	North Carolina	4,733	454.9	31	4,278.0	39
39	New Mexico	4,789	665.2	46	4,123.6	36
40	Oklahoma	4,812	505.7	36	4,306.1	41
41	Nevada	4,903	614.2	43	4,288.4	40
42	Louisiana	4,996	646.3	44	4,349.5	42
43	Tennessee	5,067	687.8	47	4,379.4	43
44	<b>Oregon</b>	<b>5,078</b>	<b>295.5</b>	<b>18</b>	<b>4,782.3</b>	<b>48</b>
45	Washington	5,102	347.0	23	4,754.9	47
46	Texas	5,148	552.5	39	4,595.3	46
47	Florida	5,182	730.2	49	4,452.0	44
48	South Carolina	5,271	793.5	50	4,477.1	45
49	Hawaii	5,508	270.4	13	5,237.5	49
50	Arizona	6,146	513.2	38	5,632.4	50
<b>United States</b>		<b>4,063.4</b>	<b>475</b>		<b>3,588.4</b>	

\*The FBI's definition of serious crime includes murder and nonnegligent manslaughter, forcible rape, robbery, aggravated assault, burglary, larceny-theft, motor vehicle theft, and arson because they are the crimes most likely to be reported and most likely to occur with sufficient frequency to provide an adequate basis for comparison.

Source: FBI, "Crime in the United States 2003"

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*In 2003 Oregon's high overall serious crime rate was the result of a high rate of property crime. Violent crime was relatively lower.*

Table 35

# Recreation (2003)

Relates to Oregon Benchmark 90, State Park Acreage

Rank		State Parks, Recreation & Natural Areas	Visitors to State Parks & Rec Areas	Rank
1	New York	866	57,000,989	3
2	Montana	374	1,575,254	48
3	Illinois	307	37,137,014	6
4	California	277	85,778,617	1
5	Minnesota	270	7,781,788	28
6	Washington	252	44,991,137	4
7	Massachusetts	238	10,512,209	21
8	Oregon	231	39,243,783	5
9	Iowa	181	14,534,244	16
10	Florida	152	18,241,109	10
11	Alaska	139	4,300,513	39
12	Connecticut	132	7,033,459	31
13	South Dakota	129	9,080,881	25
14	Maine	128	2,542,278	43
15	Texas	124	17,620,047	11
16	Pennsylvania	119	36,030,980	7
17	New Jersey	116	14,942,879	14
18	Colorado	114	11,377,512	20
19	Michigan	103	22,430,284	9
20	Vermont	98	674,412	50
21	New Hampshire	89	5,471,876	36
22	Nebraska	85	9,725,928	24
23	Missouri	83	17,015,544	12
24	Ohio	74	57,238,353	2
24	Rhode Island	74	6,572,387	32
26	Georgia	72	12,405,231	19
27	Wisconsin	69	15,738,820	13
28	Hawaii	67	4,498,911	38
29	North Carolina	61	13,212,854	18
30	Louisiana	57	2,064,424	47
31	South Carolina	55	7,543,960	30
32	Tennessee	53	27,019,665	8
33	Maryland	51	10,219,179	22
34	Arkansas	50	9,970,160	23
34	Oklahoma	50	14,246,582	17
36	Kentucky	49	7,668,088	29
37	West Virginia	47	8,343,230	26
38	Utah	44	5,805,755	33
39	Virginia	36	5,622,730	34
39	Wyoming	36	2,213,718	45
41	Delaware	33	5,549,150	35
41	Indiana	33	14,798,378	15
43	Idaho	32	2,438,137	44
44	Arizona	31	2,201,281	46
44	New Mexico	31	3,983,454	40
46	North Dakota	30	1,134,413	49
47	Mississippi	28	3,050,571	42
48	Alabama	24	4,870,525	37
48	Kansas	24	8,249,560	27
48	Nevada	24	3,288,033	41

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Source: "The National Association of State Parks Directors", The 2004 Annual Information Exchange

*Oregon ranks in the top ten states for both its number of state parks, recreation and natural areas, and for the number of visitors to these amenities annually.*

Table 36

# Environment (2004)

See Oregon Benchmarks 74 and 83, Air Quality, Hazardous Substance Cleanup

Air Quality 2000-2004 (% of Population in Non-Attainment Areas)			Drinking Water Index 1999-2003 (% of Population in Violation)		Toxins Released 1998-2002 (Pounds Per Square Mile)	
Rank				Rank		Rank
1	Arkansas	0%	8.4%	37	798	20
1	Florida	0%	5.4%	24	2,393	34
1	Hawaii	0%	5.7%	26	427	11
1	Indiana*	0%	3.8%	13	5597	46
1	Iowa	0%	3.8%	14	765	18
1	Kansas	0%	5.8%	27	452	12
1	Mississippi	0%	7.7%	35	1,497	28
1	Nebraska	0%	24.1%	48	365	7
1	North Carolina	0%	3.9%	15	2,754	38
1	North Dakota	0%	4.5%	20	344	5
1	Oklahoma	0%	14.7%	46	488	13
1	South Carolina	0%	12.0%	43	2,322	33
1	South Dakota	0%	2.6%	5	361	6
1	Tennessee	0%	4.0%	18	3,566	41
1	Vermont	0%	5.9%	29	46	1
1	Virginia*	0%	4.1%	19	1,906	31
17	Michigan	.3%	1.8%	3	1,427	27
18	New Mexico	2.1%	7.1%	33	1,264	25
19	Wyoming	3.2%	3.4%	9	203	2
20	Minnesota	3.8%	3.7%	12	370	8
21	New Jersey*	4.2%	9.0%	40	4,222	43
22	West Virginia*	4.4%	5.9%	28	3,924	42
23	Kentucky*	8.7%	5.6%	25	2,462	35
24	Oregon	9.0%	6.9%	32	553	14
25	Washington	9.7%	7.1%	34	398	9
26	Louisiana	14.2%	6.7%	31	3,085	39
27	Montana	14.4%	5.4%	23	642	16
28	Alabama	14.5%	3.1%	6	2,691	37
29	Delaware*	20.0%	5.9%	30	5,205	45
30	Idaho	20.4%	9.7%	42	959	21
31	Missouri*	26.7%	3.7%	11	1,811	30
32	Ohio*	28.9%	4.9%	22	6,384	47
33	Colorado	36.5%	8.4%	36	288	3
34	Wisconsin	37.2%	12.3%	45	796	19
35	New Hampshire*	45.1%	12.0%	44	611	15
36	Georgia	45.2%	3.6%	10	2,075	32
37	Alaska	47.3%	9.3%	41	763	17
38	Maryland*	48.6%	1.0%	1	3,551	40
39	Texas	49.5%	3.2%	8	1,093	23
40	Maine	61.3%	16.0%	47	288	3
41	Utah	62.0%	3.9%	16	8,560	50
42	Arizona	63.7%	9.0%	39	6,515	48
43	Illinois*	70.5%	8.6%	38	2,609	36
44	Connecticut*	74.4%	4.8%	21	1,733	29
45	Nevada	85.9%	1.2%	2	8,557	49
46	California	89.2%	2.1%	4	408	10
47	Pennsylvania*	91.1%	3.1%	7	4,608	44
48	Rhode Island	100.0%	4.0%	17	1,148	24
49	Massachusetts*	105.5%	35.5%	50	1,298	26
50	New York*	115.6%	25.4%	49	1,079	22
United States		42.3%	7.4%		1,777	

\*Due to areas that span more than one state, these states may have more or less non-attainment areas than specified but are not documented to avoid double counting.

Source: Washington State, Office of the Forecast Council

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*On average, Oregon's environmental performance has been above average for air quality and toxin release, but a greater-than-average share of the population drinks water that violates EPA standards.*

# Table 37

## Voting and Registration (November 2002)

Relates to Oregon Benchmark 31, Voting

Rank		% Turnout of Eligible Voters (Nov. 2004)*	% Registered (2002)	Rank
1	Minnesota	76.18%	79.5%	3
2	<b>Oregon</b>	<b>73.96%</b>	<b>70.1%</b>	<b>17</b>
3	Wisconsin	73.69%	69.0%	19
4	New Hampshire	71.60%	66.1%	31
5	South Dakota	68.22%	75.6%	4
6	Iowa	68.03%	72.2%	9
7	Maine	66.88%	80.8%	2
8	Michigan	66.17%	72.2%	9
9	Vermont	66.06%	70.5%	14
10	Connecticut	65.33%	70.4%	15
11	Ohio	64.56%	65.5%	33
12	North Dakota	64.55%	83.7%	1
13	Massachusetts	64.17%	71.7%	11
14	Missouri	64.16%	73.5%	6
15	Wyoming	63.79%	65.2%	34
16	Florida	61.79%	66.0%	32
17	Washington	61.40%	70.2%	16
18	California	61.24%	61.2%	45
19	Pennsylvania	61.22%	63.4%	40
20	Montana	61.04%	69.5%	18
21	Idaho	60.51%	61.9%	43
22	New Jersey	59.92%	65.0%	35
23	Delaware	59.89%	68.9%	20
24	Illinois	59.49%	67.4%	24
25	Louisiana	58.63%	75.0%	5
26	Kansas	58.52%	67.0%	26
27	Colorado	58.37%	66.8%	27
28	Virginia	58.35%	63.0%	42
29	Nebraska	58.02%	70.8%	12
30	Maryland	57.01%	66.4%	29
31	Kentucky	56.85%	67.6%	22
32	Oklahoma	56.71%	67.5%	23
33	Rhode Island	55.17%	67.4%	24
34	New York	54.81%	66.5%	28
35	Alaska	54.80%	72.5%	8
36	Alabama	54.79%	73.0%	7
37	New Mexico	54.65%	59.0%	47
38	North Carolina	54.47%	64.5%	37
39	Tennessee	54.46%	63.4%	40
40	Nevada	53.79%	56.6%	49
41	Indiana	53.57%	61.6%	44
42	Utah	53.37%	64.4%	38
43	West Virginia	52.32%	60.3%	46
44	Texas	51.78%	66.2%	30
45	Mississippi	51.14%	70.7%	13
46	South Carolina	50.84%	68.0%	21
47	Arkansas	50.24%	63.7%	39
48	Georgia	49.59%	65.0%	35
49	Hawaii	48.26%	53.1%	50
50	Arizona	42.32%	58.6%	48
	<b>United States</b>	<b>58.98%</b>	<b>66.5%</b>	

\*The percentages are based on the number of citizens who are eligible to vote in each state. The findings are based on unofficial election results and estimates of outstanding ballots.

*Based on preliminary calculations, Oregon had the second highest voter turnout rate in the country for the 2004 presidential election.*



Table 38

# Charitable Giving (2002)

Rank	Percent of Income Contributed by Itemizers
1	Utah 7.38%
2	Mississippi 5.95%
3	Tennessee 5.76%
4	Wyoming 5.71%
5	Alabama 5.49%
6	Arkansas 5.24%
7	Oklahoma 5.15%
8	South Carolina 5.08%
9	Georgia 4.63%
10	Louisiana 4.62%
11	South Dakota 4.59%
12	North Carolina 4.53%
13	Texas 4.51%
14	Idaho 4.51%
15	Nebraska 4.21%
16	Florida 4.13%
17	Kansas 3.98%
18	Montana 3.93%
19	Maryland 3.88%
20	Missouri 3.80%
21	Kentucky 3.80%
22	North Dakota 3.79%
23	Indiana 3.73%
24	New York 3.72%
25	Arizona 3.64%
26	Iowa 3.63%
27	Washington 3.55%
28	Nevada 3.54%
29	Michigan 3.51%
<b>30</b>	<b>Oregon 3.50%</b>
31	West Virginia 3.49%
32	Virginia 3.49%
33	New Mexico 3.48%
34	Alaska 3.46%
35	Illinois 3.41%
36	California 3.40%
37	Colorado 3.39%
38	Ohio 3.39%
39	Delaware 3.35%
40	Pennsylvania 3.31%
41	Hawaii 3.29%
42	Minnesota 3.29%
43	Wisconsin 2.91%
44	New Jersey 2.86%
45	Maine 2.75%
46	Massachusetts 2.70%
47	Connecticut 2.66%
48	Rhode Island 2.57%
49	Vermont 2.54%
50	New Hampshire 2.40%
	<b>United States 3.69%</b>

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Source: The National Center for Charitable Statistics, Data on Individual Giving by State, 2002

*In 2002 Oregonians donated 3.5% of their individual incomes to charity, ranking 30th in the nation.*

Table 39

## Commuting and Vehicle Miles Traveled

Relates to Oregon Benchmarks 67, 69, and 70, Congestion, Commuting, Vehicle Miles Traveled

Rank		Average Minutes to Work (2003)	Vehicle Miles Traveled Per Capita (2002)	Rank
1	South Dakota	15.2	11,167	35
2	North Dakota	15.4	11,569	40
3	Nebraska	16.5	10,825	29
4	Montana	16.9	11,430	37
5	Kansas	17.5	10,473	22
5	Wyoming	17.5	18,061	50
7	Iowa	18.1	10,504	23
8	Alaska	18.9	7,605	3
9	Oklahoma	19.1	13,090	48
10	New Mexico	19.4	12,285	44
11	Idaho	19.5	10,563	24
12	Utah	19.7	10,605	25
13	Arkansas	19.9	11,099	32
14	Vermont	20.3	15,694	49
15	Wisconsin	20.4	10,797	28
<b>16</b>	<b>Oregon</b>	<b>21.0</b>	<b>9,819</b>	<b>17</b>
17	Indiana	21.2	11,775	42
18	Mississippi	21.6	12,685	46
19	Minnesota	21.7	10,870	30
20	Nevada	21.8	8,266	6
20	Rhode Island	21.8	7,611	4
22	Kentucky	22.1	11,444	38
22	Ohio	22.1	9,444	14
24	Delaware	22.5	10,992	31
25	Maine	22.6	11,377	36
26	Alabama	22.7	12,820	47
26	Michigan	22.7	9,964	20
28	Colorado	22.9	9,663	16
29	South Carolina	23.0	11,514	39
30	North Carolina	23.2	11,165	34
31	Louisiana	23.3	9,658	15
31	Missouri	23.3	12,016	43
33	Arizona	23.4	9,408	13
33	Tennessee	23.4	11,769	41
35	Connecticut	23.6	9,017	10
36	Texas	23.7	10,148	21
37	Pennsylvania	23.8	8,470	9
38	Hawaii	24.5	7,138	2
39	New Hampshire	24.6	9,865	19
40	West Virginia	24.7	11,102	33
41	Florida	24.8	10,672	27
41	Washington	24.8	9,026	11
43	Virginia	25.8	10,619	26
44	Massachusetts	26.0	8,287	7
45	Georgia	26.1	12,654	45
46	California	26.5	9,139	12
47	Illinois	27.0	8,365	8
48	New Jersey	28.5	8,142	5
49	Maryland	30.2	9,839	18
50	New York	30.4	6,945	1
	<b>United States</b>	<b>24.3</b>	<b>9,903</b>	

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Source: U.S. Census Bureau, 2003 Community Survey; Bureau of Transportation Statistics

*Oregon ranks 16th for average travel time to work and 17th for vehicle miles traveled.*

# PRODUCTIVITY



*These measures assess the kinds of conditions that influence how productive and competitive Oregon businesses can be.*

Table 40

# Growth in Real Non-Farm Productivity (2004)

Rank	Annual % Change in Productivity *
1 Connecticut	6.0 %
2 North Dakota	5.7 %
3 New York	5.6 %
3 Wyoming	5.6 %
5 Massachusetts	5.4 %
6 Iowa	5.1 %
6 Montana	5.1 %
8 Nevada	5.0 %
9 California	4.9 %
10 Arkansas	4.8 %
10 Colorado	4.8 %
10 Texas	4.8 %
13 Kentucky	4.7 %
14 Louisiana	4.5 %
14 Tennessee	4.5 %
16 Minnesota	4.4 %
17 Georgia	4.3 %
17 Hawaii	4.3 %
17 Maine	4.3 %
17 Maryland	4.3 %
17 Oklahoma	4.3 %
22 South Dakota	4.2 %
23 Illinois	4.1 %
24 Arizona	4.0 %
24 Kansas	4.0 %
24 New Hampshire	4.0 %
24 New Mexico	4.0 %
24 North Carolina	4.0 %
24 Pennsylvania	4.0 %
30 Indiana	3.9 %
30 Nebraska	3.9 %
30 Vermont	3.9 %
30 Virginia	3.9 %
34 West Virginia	3.8 %
35 Alabama	3.6 %
<b>35 Oregon</b>	<b>3.6 %</b>
37 Utah	3.5 %
38 Michigan	3.4 %
39 Alaska	3.3 %
39 Florida	3.3 %
39 Idaho	3.3 %
42 Mississippi	3.2 %
42 Ohio	3.2 %
44 Delaware	3.1 %
45 Missouri	2.5 %
45 Wisconsin	2.5 %
47 Rhode Island	2.4 %
47 South Carolina	2.4 %
49 Washington	2.1 %
50 New Jersey	2.0 %
<b>United States</b>	<b>4.1%</b>

\*Calculations based on FRBSF's estimates of GSP; growth rates are the percent change between the average of the first and second quarter of 2004 and the average of the first and second quarter of 2003.

Source: Center for the Study of Innovation and Productivity, Federal Reserve Bank of San Francisco, BEA and FRBSF estimates.

PRODUCTIVITY

*The changes in productivity in Oregon between 2003 and 2004 were smaller than the national productivity growth rate.*

Table 41

# Cost of Doing Business (2003)

Relates to Oregon Benchmark 9, Cost of Doing Business

Rank (1 = Lowest)		Composite Index	Subindexes			
			Wages	Taxes	Electricity	Industrial Office Rent Rent
1	South Dakota	74.8	71.7	76.1	84.6	83.3 54.6
2	North Dakota	79.7	72.7	107.1	77.1	76.5 55.2
3	Montana	82.8	71.3	105.2	80.3	113.7 53.5
4	Oklahoma	83.1	78.1	106.2	75.0	75.5 79.5
5	Idaho	84.4	76.5	111.4	78.9	89.9 61.7
6	Iowa	84.8	80.0	99.6	83.4	73.4 100.5
7	South Carolina	85.0	81.7	98.6	81.1	83.3 79.8
8	Tennessee	85.6	88.1	89.2	83.2	65.5 93.7
9	West Virginia	85.8	77.6	136.8	72.3	61.0 54.3
10	Nebraska	85.8	81.5	105.3	74.6	94.1 67.9
11	Mississippi	86.0	72.4	123.2	88.1	77.5 83.9
12	Alabama	86.5	84.4	91.1	82.0	92.0 91.7
13	Utah	87.0	83.6	113.2	74.1	71.9 85.2
14	Louisiana	87.1	81.6	106.8	86.8	68.8 101.4
15	Kansas	88.3	83.7	103.4	84.8	76.1 108.5
16	Arkansas	88.4	75.9	130.8	76.1	94.1 70.4
17	Indiana	88.9	88.4	105.8	78.0	76.3 85.1
18	Missouri	89.0	89.9	87.0	80.9	89.5 111.5
19	Wyoming	89.2	79.7	124.5	72.6	103.4 65.2
20	Kentucky	90.5	83.8	129.5	65.9	77.5 101.6
<b>21</b>	<b>Oregon</b>	<b>91.7</b>	<b>91.4</b>	<b>91.9</b>	<b>88.8</b>	<b>87.2 111.9</b>
22	Florida	91.9	89.1	87.4	93.1	101.1 115.0
23	Texas	92.3	98.6	75.4	91.1	92.6 101.2
24	Colorado	93.0	103.6	71.6	80.0	100.9 97.0
25	North Carolina	93.4	89.0	112.3	88.0	84.8 95.1
26	Ohio	93.6	92.8	101.5	97.0	77.1 92.5
27	Georgia	94.4	97.3	88.3	81.7	95.5 125.5
28	New Mexico	95.8	81.8	126.8	91.8	117.2 80.8
29	Wisconsin	96.3	88.2	121.3	86.1	104.4 92.0
30	New Hampshire	98.1	97.9	73.8	148.5	76.3 89.4
31	Pennsylvania	98.7	96.7	98.6	110.5	82.3 115.6
32	Arizona	99.3	93.2	97.6	98.0	127.8 113.2
33	Rhode Island	99.5	94.3	110.6	132.5	59.7 87.0
34	Vermont	101.1	83.3	137.8	149.1	69.3 51.6
35	Maine	101.9	80.8	120.6	170.4	87.0 62.2
36	Alaska	102.8	101.9	82.6	139.6	93.0 100.8
37	Minnesota	103.0	101.3	129.4	79.0	83.7 125.1
38	Illinois	104.2	108.2	87.4	98.1	98.2 162.9
39	Nevada	104.5	95.6	99.2	128.0	116.6 121.0
40	Maryland	106.1	107.4	89.8	78.3	170.0 114.1
41	Michigan	106.5	103.7	124.8	96.6	96.5 111.2
42	Virginia	107.7	102.0	87.7	78.5	211.9 124.4
43	Washington	107.9	106.2	106.7	83.8	139.6 138.2
44	Delaware	109.3	107.0	133.3	95.0	100.3 97.8
45	New Jersey	118.4	122.9	96.1	131.1	120.9 119.8
46	New York	123.5	126.3	97.2	138.3	98.2 207.6
47	Massachusetts	125.8	121.3	102.6	148.3	143.3 160.7
48	Connecticut	125.9	126.7	106.4	133.7	153.8 116.2
49	California	128.5	112.5	111.3	188.8	148.9 135.3
50	Hawaii	134.1	90.7	154.5	197.2	218.3 129.7

Source: Manufacturing Matters, Milken Institute

PRODUCTIVITY

*The costs of doing business in Oregon are lower than in a majority of other states.*

Table 42

# Unemployment Insurance (2nd Quarter 2004)

Rank		Average Weekly Benefit	Average Duration (Weeks)	Rank
1	Massachusetts	\$352.92	19.3	2
2	New Jersey	\$335.52	18.6	4
3	Rhode Island	\$325.61	15.9	25
4	Hawaii	\$321.91	16.1	24
5	Washington	\$312.87	18.3	6
6	Minnesota	\$311.25	16.6	16
7	Pennsylvania	\$296.62	18.0	7
8	Colorado	\$295.63	15.4	29
9	Michigan	\$289.38	14.6	33
10	Connecticut	\$282.77	17.9	8
11	Illinois	\$278.10	19.4	1
12	Kansas	\$270.81	16.6	16
13	New York	\$270.68	19.0	3
14	Utah	\$269.16	14.1	38
15	Indiana	\$262.68	13.9	43
16	Texas	\$261.68	17.0	13
17	California	\$261.52	18.5	5
18	Kentucky	\$259.11	14.7	32
19	Iowa	\$256.34	14.0	41
20	North Carolina	\$256.10	14.2	36
21	Maryland	\$254.36	16.2	23
<b>22</b>	<b>Oregon</b>	<b>\$249.55</b>	<b>16.9</b>	<b>15</b>
23	New Hampshire	\$248.80	17.7	10
24	Wisconsin	\$248.72	13.9	43
25	Vermont	\$248.51	13.5	45
26	Ohio	\$246.38	16.3	20
27	Delaware	\$244.26	16.6	16
28	Georgia	\$244.03	12.8	48
29	Nevada	\$242.99	15.4	29
30	Virginia	\$239.54	14.1	38
31	Maine	\$238.25	17.0	13
32	Wyoming	\$237.74	12.7	49
33	Arkansas	\$229.27	14.4	34
34	Idaho	\$227.83	14.1	38
35	Florida	\$225.57	16.3	20
36	West Virginia	\$219.77	15.6	27
37	Oklahoma	\$219.72	17.5	12
38	North Dakota	\$218.05	12.4	50
39	Nebraska	\$215.54	14.0	41
40	New Mexico	\$214.85	17.8	9
41	South Carolina	\$212.06	14.2	36
42	Tennessee	\$209.63	14.4	34
43	Missouri	\$204.77	16.5	19
44	South Dakota	\$201.15	13.0	47
45	Montana	\$199.31	16.3	20
46	Louisiana	\$197.10	15.7	26
47	Alaska	\$190.81	15.1	31
48	Alabama	\$176.93	13.2	46
49	Mississippi	\$171.52	15.6	27
50	Arizona	\$170.67	17.6	11
	<b>United States</b>	<b>\$262.49</b>	<b>16.7</b>	

On average, Oregon pays fewer unemployment insurance benefits per week than 28 other states and ranks 15th highest for the number of weeks compensated.

Table 43

# Workers Compensation (2002)

Rank		Benefits Paid Per Covered Worker	Benefits as a % of Covered Wages	Rank	Premium Costs (Per \$100 of Payroll)	Rank
1	West Virginia	\$1,254.19	4.49%	1	\$2.53	22
2	California	\$773.42	1.88%	4	\$5.23	1
3	Alaska	\$694.73	1.92%	3	\$2.87	14
4	Washington	\$665.82	1.76%	5	\$1.65	44
5	Montana	\$510.29	2.01%	2	\$3.04	9
6	Vermont	\$509.62	1.66%	7	\$2.45	23
7	Hawaii	\$507.25	1.60%	8	\$3.48	3
8	Maine	\$507.24	1.73%	6	\$2.30	27
9	Missouri	\$499.08	1.52%	10	\$2.39	24
10	Pennsylvania	\$469.23	1.32%	14	\$2.57	21
11	Connecticut	\$459.72	.98%	29	\$2.90	12
12	Ohio	\$454.72	1.34%	13	\$2.89	13
13	Wyoming	\$452.99	1.59%	9	\$1.97	37
14	Delaware	\$426.31	1.08%	18	\$3.38	4
15	Idaho	\$417.69	1.50%	11	\$2.37	25
16	South Carolina	\$411.72	1.38%	12	\$1.82	41
17	Illinois	\$393.03	.99%	28	\$2.73	18
18	New Jersey	\$387.88	.86%	40	\$2.25	29
19	New York	\$386.28	.84%	43	\$3.13	8
20	Colorado	\$384.10	1.02%	25	\$2.73	18
21	New Hampshire	\$364.54	1.01%	27	\$2.85	16
22	Minnesota	\$360.89	.97%	31	\$2.60	20
23	Michigan	\$356.54	.94%	33	\$2.25	29
24	Oklahoma	\$351.66	1.26%	15	\$2.82	17
25	Nebraska	\$344.81	1.18%	16	\$1.93	38
26	Wisconsin	\$343.29	1.06%	20	\$2.22	31
27	Nevada	\$343.26	1.02%	25	\$3.02	10
28	Maryland	\$340.88	.90%	35	\$1.84	39
29	Florida	\$340.85	1.06%	20	\$4.50	2
30	Alabama	\$331.73	1.09%	17	\$2.96	11
31	Kansas	\$318.97	1.05%	22	\$1.84	39
32	Kentucky	\$314.49	1.03%	24	\$2.87	14
33	Iowa	\$306.90	1.04%	23	\$1.74	42
34	Rhode Island	\$298.93	.87%	36	\$3.29	5
35	Georgia	\$298.83	.85%	42	\$2.32	26
36	Texas	\$298.25	.83%	44	\$3.29	5
37	Oregon	\$290.05	.87%	36	\$2.06	34
38	New Mexico	\$281.16	.98%	29	\$2.01	35
39	North Carolina	\$281.16	.87%	36	\$2.17	33
40	Mississippi	\$279.00	1.07%	19	\$2.21	32
41	Tennessee	\$276.66	.86%	40	\$2.30	27
42	Louisiana	\$275.46	.93%	34	\$3.19	7
43	Massachusetts	\$256.33	.57%	50	\$1.98	36
44	North Dakota	\$248.19	.95%	32	\$1.24	50
45	Arizona	\$241.21	.72%	47	\$1.63	45
46	Utah	\$238.75	.79%	45	\$1.67	43
47	South Dakota	\$225.16	.87%	36	\$1.61	47
48	Virginia	\$219.79	.61%	49	\$1.50	48
49	Arkansas	\$208.83	.75%	46	\$1.62	46
50	Indiana	\$207.33	.64%	48	\$1.37	49

Source: National Academy of Social Insurance, "Worker's Compensation: Benefits, Coverage, and Cost", Washington State, Office of the Forecast Council

*In 2002 Oregon's costs for workers compensation were lower than in most other states.*

Table 44

# Commercial Electricity Prices and Sales (July 2004)

Rank (1 = Lowest)	Retail Price (Cents Per kWh)	Retail Sales (Million kWh)	Rank
1	West Virginia	5.4	38
2	Idaho	5.41	39
3	Kentucky	5.71	25
4	Virginia	5.88	9
5	Washington	5.9	16
6	Utah	5.93	34
7	Wyoming	6.07	48
8	Arkansas	6.08	32
9	Nebraska	6.26	36
10	Indiana	6.28	18
<b>11</b>	<b>Oregon</b>	<b>6.38</b>	<b>28</b>
12	North Dakota	6.47	46
13	North Carolina	6.77	6
14	Georgia	6.83	7
15	Tennessee	6.87	14
16	Kansas	6.91	29
16	Missouri	6.91	13
16	South Carolina	6.91	21
19	South Dakota	7.02	49
20	Alabama	7.06	19
21	Colorado	7.1	24
22	Montana	7.25	43
23	Minnesota	7.28	23
24	Florida	7.36	3
25	Wisconsin	7.47	22
26	Oklahoma	7.52	26
27	Louisiana	7.68	19
28	New Mexico	7.7	37
29	Arizona	7.74	15
30	Ohio	7.79	8
31	Michigan	7.88	12
32	Iowa	7.98	33
33	Texas	8.06	2
34	Illinois	8.12	5
35	Delaware	8.2	41
36	Mississippi	8.26	30
37	Pennsylvania	8.93	10
38	Nevada	9.01	35
39	Maryland	10.19	27
40	Connecticut	10.26	31
41	Rhode Island	10.86	45
42	Maine	10.94	44
43	New Hampshire	11.09	40
44	New Jersey	11.25	11
45	Vermont	11.51	50
46	Alaska	11.9	42
47	Massachusetts	11.93	17
48	California	13.26	1
49	New York	13.38	4
50	Hawaii	16.14	47
	<b>United States</b>	<b>8.58</b>	<b>115,501</b>

Source: Energy Information Administration, U.S. Department of Energy, Electric Power Monthly

PRODUCTIVITY

*Commercial customers enjoy a relatively low cost of energy in Oregon.*



Table 45

# Industrial Electricity Prices and Sales (July 2004)

Rank (1 = Lowest)		Retail Price (Cents Per kWh)	Retail Sales (Million kWh)	Rank
1	Maine	2.79	328	43
2	Washington	3.69	1,927	17
3	West Virginia	3.92	872	34
4	Kentucky	3.97	3,225	7
<b>5</b>	<b>Oregon</b>	<b>4</b>	<b>1,148</b>	<b>29</b>
6	Wyoming	4.04	652	38
7	Idaho	4.15	1,191	26
8	Indiana	4.36	4,017	5
9	Virginia	4.38	1,697	21
10	North Dakota	4.43	268	45
11	Montana	4.45	530	40
12	South Carolina	4.46	2,800	12
13	Alabama	4.52	3,206	8
14	Utah	4.55	701	37
15	Tennessee	4.69	2,823	11
16	Arkansas	4.7	1,415	23
17	Kansas	4.77	945	33
18	Nebraska	4.82	850	36
18	Georgia	4.82	3,144	9
20	South Dakota	4.86	181	47
21	Ohio	4.92	4,856	2
22	Delaware	4.95	289	44
23	Illinois	5.1	3,617	6
24	Michigan	5.14	2,927	10
25	Iowa	5.16	1,430	22
26	Mississippi	5.17	1,338	25
27	Wisconsin	5.23	2,325	15
28	Missouri	5.29	1,342	24
29	North Carolina	5.33	2,736	13
30	Colorado	5.39	1,101	30
30	New Mexico	5.39	473	41
32	Minnesota	5.4	1,958	16
33	Maryland	5.42	1,911	18
34	Oklahoma	5.43	1,185	27
35	Florida	5.63	1,800	19
36	Texas	5.66	9,274	1
37	Arizona	5.67	985	32
38	Louisiana	5.94	2,377	14
39	Pennsylvania	5.96	4,055	4
40	New York	6.51	1,757	20
41	Vermont	7.82	136	48
42	Connecticut	8.22	534	39
43	Alaska	8.54	98	50
44	Rhode Island	8.58	119	49
45	Massachusetts	8.7	868	35
46	New Jersey	8.86	993	31
47	Nevada	9.19	1,172	28
48	California	9.47	4,436	3
49	New Hampshire	10.09	207	46
50	Hawaii	13.07	348	42
	<b>United States</b>	<b>5.46</b>	<b>88,601</b>	

Source: Energy Information Administration, U.S. Department of Energy, Electric Power Monthly.

PRODUCTIVITY

*The price of electricity for Oregon industrial customers was the fifth cheapest in the nation in July 2004.*

**Table 46** **Manufacturing Wages and Output**  
(2001)

Rank		Wage Per Hour	Value Added Per Hour	Rank
1	Michigan	\$19.42	\$75.53	31
2	Washington	\$17.78	\$98.09	8
3	Connecticut	\$17.72	\$101.71	5
4	Louisiana	\$17.54	\$94.35	11
5	New Hampshire	\$17.30	\$67.24	43
6	Ohio	\$17.16	\$78.68	26
7	Delaware	\$16.99	\$121.26	3
8	Indiana	\$16.87	\$80.05	23
9	Massachusetts	\$16.65	\$98.24	7
10	Maryland	\$16.31	\$92.00	13
11	Maine	\$16.25	\$70.26	39
12	Wisconsin	\$16.00	\$77.48	29
13	New Jersey	\$15.93	\$99.00	6
14	West Virginia	\$15.92	\$69.80	40
15	New Mexico	\$15.89	\$143.33	1
16	Minnesota	\$15.82	\$79.13	24
17	Colorado	\$15.63	\$83.87	17
<b>18</b>	<b>Oregon</b>	<b>\$15.63</b>	<b>\$78.79</b>	<b>25</b>
19	Kentucky	\$15.60	\$73.51	34
20	Illinois	\$15.56	\$83.31	18
21	Pennsylvania	\$15.55	\$80.96	22
22	Idaho	\$15.29	\$39.38	50
23	Kansas	\$15.03	\$72.34	37
24	Wyoming	\$14.99	\$95.37	10
25	Missouri	\$14.99	\$81.23	21
26	New York	\$14.96	\$82.58	20
27	Texas	\$14.89	\$92.15	12
28	Iowa	\$14.86	\$84.35	16
29	Montana	\$14.84	\$74.43	33
30	California	\$14.66	\$96.46	9
31	Virginia	\$14.52	\$108.82	4
32	Oklahoma	\$14.51	\$78.42	27
33	Utah	\$14.47	\$72.85	35
34	South Carolina	\$14.42	\$72.63	36
35	Tennessee	\$14.41	\$71.16	38
36	Nevada	\$14.30	\$69.48	41
37	Arizona	\$14.20	\$128.33	2
38	Vermont	\$14.15	\$84.61	15
39	Alaska	\$14.10	\$56.13	46
40	Alabama	\$13.76	\$57.13	45
41	Georgia	\$13.68	\$76.60	30
42	North Dakota	\$13.66	\$83.04	19
43	Hawaii	\$13.43	\$54.22	48
44	Rhode Island	\$13.22	\$61.66	44
45	North Carolina	\$13.18	\$88.21	14
46	Nebraska	\$13.00	\$68.16	42
47	Florida	\$12.74	\$75.37	32
48	Arkansas	\$12.51	\$54.78	47
49	South Dakota	\$12.49	\$78.04	28
50	Mississippi	\$12.42	\$50.41	49

*In 2001 Oregon ranked higher for manufacturing wages than for value added per hour.*

Table 47

# Gas Tax (June 2004)

Rank (1 = Lowest)		Cents Per Gallon
1	Alaska	8.00
2	Wyoming	14.00
3	New Jersey	14.54
4	Kentucky	16.40
5	South Carolina	16.75
6	Oklahoma	17.00
7	Missouri	17.35
8	New Mexico	18.88
9	Arizona	19.00
10	Georgia	19.30
11	New Hampshire	19.50
12	Alabama	20.00
12	Vermont	20.00
14	Lousiana	20.38
15	Massachusetts	21.00
15	Texas	21.00
17	North Dakota	21.03
18	Virginia	21.28
19	Iowa	21.30
20	Mississippi	21.40
20	Tennessee	21.40
22	Arkansas	21.70
23	Minnesota	22.09
24	Colorado	22.63
25	Delaware	23.00
26	Maryland	23.52
27	Ohio	24.00
27	South Dakota	24.00
29	Kansas	24.03
30	Utah	24.50
31	North Carolina	24.55
32	Maine	24.85
33	Connecticut	25.00
33	Idaho	25.00
35	Michigan	25.28
36	Nebraska	25.40
37	West Virginia	25.65
38	Pennsylvania	26.00
<b>39</b>	<b>Oregon</b>	<b>27.00</b>
40	Montana	27.75
41	Indiana	27.80
42	Washington	28.00
43	Florida	29.47
44	Rhode Island	31.00
45	Wisconsin	32.10
46	California	32.45
47	New York	33.42
48	Nevada	33.81
49	Illinois	39.00
50	Hawaii	39.82

Source: Washington State Department of Transportation

PRODUCTIVITY

*Oregon's gasoline taxes are the 12th highest in the nation.*

Table 48

# State and Local Government Employment (2002)

Rank	Region	Population	FTE Employees Per 1000 Residents	Annual Payroll Per FTE Employee	Rank
1	Wyoming	498,830	82.48	\$33,153	36
2	Alaska	641,482	79.02	\$45,622	6
3	Nebraska	1,727,564	65.95	\$33,764	34
4	Kansas	2,711,769	64.11	\$33,891	33
5	Mississippi	2,866,733	63.99	\$28,432	51
6	New Mexico	1,852,044	63.84	\$33,028	38
7	Louisiana	4,476,192	62.41	\$31,317	48
8	New York	19,134,293	62.16	\$50,862	1
9	North Dakota	633,911	61.13	\$33,611	35
10	Alabama	4,478,896	59.71	\$33,027	39
11	Vermont	616,408	59.61	\$35,403	29
12	Iowa	2,935,840	59.29	\$36,228	25
13	South Carolina	4,103,770	58.62	\$32,861	41
14	Oklahoma	3,489,700	58.56	\$31,519	47
15	Delaware	805,945	57.82	\$40,469	17
16	Idaho	1,343,124	57.63	\$32,674	44
17	Texas	21,736,925	57.45	\$34,271	31
18	Montana	910,372	57.45	\$32,585	45
19	North Carolina	8,305,820	57.01	\$35,462	28
20	Maine	1,294,894	56.92	\$33,362	36
21	Hawaii	1,240,663	56.79	\$37,920	20
22	New Jersey	8,575,252	56.55	\$49,677	3
23	Virginia	7,287,829	56.40	\$36,749	24
24	Kentucky	4,089,822	56.25	\$31,780	46
25	Minnesota	5,024,791	55.54	\$41,766	13
26	Georgia	8,544,005	55.53	\$34,108	32
27	South Dakota	760,437	55.51	\$30,938	49
28	Arkansas	2,706,268	55.46	\$29,901	50
29	Missouri	5,669,544	55.13	\$32,749	42
30	Ohio	11,408,699	53.37	\$38,435	19
31	Colorado	4,501,051	53.28	\$40,776	15
32	Utah	2,318,789	53.19	\$35,924	26
33	Wisconsin	5,439,692	53.04	\$40,649	16
34	Tennessee	5,789,796	52.91	\$32,908	40
35	Indiana	6,156,913	52.81	\$34,884	30
36	Washington	6,067,060	52.48	\$45,428	7
37	Maryland	5,450,525	52.38	\$44,417	10
38	Connecticut	3,458,587	52.23	\$46,863	4
<b>39</b>	<b>Oregon</b>	<b>3,520,355</b>	<b>52.09</b>	<b>\$39,688</b>	<b>18</b>
40	New Hampshire	1,274,405	51.73	\$35,750	27
41	West Virginia	1,804,884	51.61	\$32,730	43
42	Illinois	12,586,447	51.08	\$41,805	12
43	Massachusetts	6,421,800	51.00	\$44,513	9
44	California	35,001,986	50.72	\$50,840	2
45	Michigan	10,043,221	50.47	\$42,298	11
46	Rhode Island	1,068,326	49.09	\$45,948	5
47	Arizona	5,441,125	47.79	\$37,554	22
48	Florida	16,691,701	47.26	\$37,029	23
49	Pennsylvania	12,328,827	44.88	\$41,209	14
50	Nevada	2,167,455	42.74	\$45,030	8

*Oregon ranks low on the number of government employees per 1,000 residents, and is 18th in average annual pay per employee.*

Table 49

# Electronic Public Services (2002)

Rank	E-Government Index*
1 Tennessee	56.0
2 New Jersey	55.0
3 California	54.8
4 Connecticut	53.3
5 Pennsylvania	52.9
6 Texas	52.8
7 Washington	52.4
8 Nevada	51.9
9 South Dakota	51.9
10 Utah	51.7
11 New York	51.6
12 Indiana	51.5
13 Florida	51.5
14 New Hampshire	51.1
15 Virginia	49.6
16 Illinois	49.3
17 North Carolina	48.6
<b>18 Oregon</b>	<b>48.5</b>
19 Michigan	48.2
20 North Dakota	46.9
21 Ohio	46.4
22 Missouri	46.3
23 Kansas	45.6
23 Massachusetts	45.6
25 Montana	45.5
26 South Carolina	45.4
27 Maryland	44.9
28 Iowa	44.9
29 Oklahoma	44.9
30 Arkansas	44.5
31 New Mexico	44.2
32 Arizona	44.2
33 Alaska	44.1
34 Maine	43.7
35 Rhode Island	43.5
36 West Virginia	43.5
37 Minnesota	43.3
38 Georgia	43.1
39 Idaho	42.8
40 Nebraska	42.6
41 Delaware	42.4
42 Vermont	42.4
43 Louisiana	42.3
44 Kentucky	42.0
45 Hawaii	41.9
46 Wisconsin	40.4
47 Colorado	40.0
48 Mississippi	37.4
49 Alabama	35.8
50 Wyoming	34.8

\*E-government index score is based on the availability of contact information, publications, portals and number of online services by state government, 2002.

*In 2002 Oregon government ranked 18th for e-government services.*

Table 50

## Bridge and Road Deficiency

Relates to Oregon Benchmark 71, Road Condition

Rank		% Deficient Bridges (Dec. 2003)	% Roads in Poor Condition (2002)*	Rank
1	Arizona	10.21%	1.38%	7
2	Nevada	12.78%	2.63%	14
3	Minnesota	12.99%	4.44%	20
4	Delaware	14.74%	7.03%	32
5	Colorado	16.48%	3.49%	16
6	Illinois	17.31%	6.09%	28
7	Idaho	18.06%	7.27%	34
8	Florida	18.47%	.71%	5
9	Utah	18.51%	2.19%	11
10	New Mexico	19.01%	6.69%	30
11	Wisconsin	19.41%	7.95%	35
12	Georgia	21.11%	.09%	1
13	Wyoming	21.17%	.58%	3
14	Texas	21.28%	4.92%	22
15	Montana	21.38%	2.57%	13
16	South Carolina	22.49%	7.03%	33
17	Indiana	22.76%	6.09%	27
18	Kansas	23.49%	16.12%	47
19	Tennessee	23.62%	.68%	4
20	North Dakota	24.08%	.90%	6
21	Oregon	24.49%	1.80%	9
22	Ohio	25.63%	2.08%	10
23	South Dakota	25.70%	12.22%	44
24	Virginia	26.08%	3.01%	15
25	Nebraska	26.41%	5.15%	24
26	Washington	26.43%	4.87%	21
27	Arkansas	26.68%	11.06%	42
28	California	28.29%	20.11%	50
29	Iowa	28.67%	2.22%	12
30	Maryland	28.67%	18.52%	49
31	Michigan	29.30%	9.91%	39
32	Alaska	29.73%	4.04%	18
33	Mississippi	29.91%	12.45%	45
34	Kentucky	29.93%	1.61%	8
35	North Carolina	30.24%	5.51%	26
36	Alabama	31.12%	4.39%	19
37	Connecticut	32.12%	6.20%	29
38	Louisiana	33.19%	10.13%	40
39	New Hampshire	33.80%	4.94%	23
40	Missouri	35.24%	3.91%	17
41	Vermont	35.74%	10.94%	41
42	Maine	35.74%	.45%	2
43	New Jersey	35.99%	9.18%	38
44	West Virginia	37.57%	13.00%	46
45	New York	38.22%	6.86%	31
46	Oklahoma	39.02%	18.09%	48
47	Pennsylvania	42.17%	11.19%	43
48	Hawaii	46.67%	8.96%	37
49	Massachusetts	51.11%	8.75%	36
50	Rhode Island	53.34%	5.34%	25
	United States	27.15%	7.01%	

\*Road condition ratings are derived from the International Roughness Index and the Present Serviceability Ratings.

Source: U.S. Department of Transportation, NHA, National Bridge Inventory; Bureau of Transportation Statistics

PRODUCTIVITY

*Approximately a quarter of Oregon's bridges were considered deficient in 2003 and less than 2% of its roads were in poor condition in 2002.*

Table 51

## Airport Performance

Top 50 Rank	Airports	2004 % On-Time Departure	2004 % On-Time Arrival	Rank	2001 Total Enplaned Passengers	Rank
1	Honolulu (HNL)	96.7%	91.1%	2	7,789,539	26
2	Nashville (BNA)	96.6%	90.9%	3	4,079,836	43
3	Minneapolis (MSP)	94.6%	88.2%	15	15,648,293	8
4	Houston, TX (HOU)	93.7%	91.8%	1	4,120,895	42
5	Austin, TX (AUS)	92.8%	89.7%	8	3,428,839	46
6	Cleveland, OH (CLE)	91.5%	87.4%	19	5,528,666	35
7	San Antonio (SAT)	91.4%	88.7%	12	3,254,348	50
8	Salt Lake City (SLC)	91.0%	88.9%	10	7,835,901	25
9	Denver, CO (DEN)	90.5%	90.7%	5	16,384,990	6
9	Indianapolis (IND)	90.5%	87.5%	18	3,409,526	47
11	St. Louis (STL)	90.4%	88.9%	10	12,864,305	13
12	Kansas City (MCI)	90.2%	89.0%	9	5,494,516	36
13	San Francisco (SFO)	89.8%	85.7%	27	13,846,425	11
14	<b>Portland (PDX)</b>	<b>88.9%</b>	<b>85.4%</b>	<b>30</b>	<b>5,973,721</b>	<b>31</b>
15	Dallas (DAL)	88.8%	90.5%	6	3,350,775	48
16	San Diego (SAN)	88.7%	85.9%	26	7,245,787	29
17	Hartford (BDL)	88.5%	83.1%	35	3,307,481	49
18	Chicago (ORD)	88.4%	89.8%	7	28,625,264	2
19	San Jose (SJC)	88.3%	86.5%	21	5,865,502	32
20	Dallas/Ft. Worth (DFW)	88.2%	90.8%	4	25,197,150	3
21	Los Angeles (LAX)	88.1%	86.4%	23	22,862,216	4
22	Detroit (DTW)	88.0%	87.8%	17	15,463,770	10
22	Memphis (MEM)	88.0%	88.0%	16	4,778,872	38
24	Pittsburgh (PIT)	87.6%	86.0%	25	8,710,821	23
25	Washington (DCA)	87.4%	83.6%	33	5,779,214	33
26	Cincinnati (CVG)	86.8%	86.1%	24	8,349,380	24
26	Chicago (MDW)	86.8%	88.5%	13	7,062,993	30
28	Houston (IAH)	86.2%	88.3%	14	15,637,528	9
29	Phoenix (PHX)	85.7%	86.8%	20	16,539,155	5
29	Sacramento (SMF)	85.7%	85.2%	31	3,873,560	44
31	Boston (BOS)	85.6%	83.1%	35	9,989,937	20
31	Baltimore (BWI)	85.6%	85.5%	29	9,450,116	22
31	Oakland (OAK)	85.6%	86.5%	21	5,485,948	37
34	Charlotte (CLT)	85.5%	85.6%	28	10,225,979	19
35	Seattle (SEA)	84.7%	83.3%	34	12,694,210	14
36	New York (JFK)	83.6%	78.6%	40	9,645,995	21
37	Las Vegas (LAS)	83.3%	84.2%	32	16,099,776	7
38	New Orleans (MSY)	83.2%	82.1%	37	4,678,835	39
39	Newark (EWR)	83.0%	72.6%	45	13,813,852	12
40	Washington, DC (IAD)	82.8%	78.7%	39	5,745,399	34
41	New York (LGA)	82.4%	75.7%	42	10,296,767	18
42	San Juan (SJU)	81.9%	73.5%	44	4,537,641	40
43	Raleigh-Durham (RDU)	81.7%	78.8%	38	4,483,332	41
44	Tampa (TPA)	78.8%	75.2%	43	7,452,492	27
45	Philadelphia (PHL)	78.2%	77.7%	41	10,383,439	17
46	Atlanta (ATL)	74.7%	71.8%	46	36,378,501	1
47	Ft. Lauderdale (FLL)	71.3%	67.2%	50	7,371,233	28
48	Orlando (MCO)	70.8%	68.5%	48	12,597,086	15
48	Los Angeles (SNA)	70.8%	68.5%	48	3,618,558	45
50	Miami (MIA)	70.4%	71.2%	47	11,492,541	16
<b>Total top 50</b>					<b>498,750,905</b>	
All airports					595,655,501	

Almost 89% of flights leave on time from Portland International, 14th best of the top 50 airports nationwide.

## **PUBLIC FINANCE**



*These measures  
indicate the ability  
of Oregon's public  
finance system to  
fund stable, quality  
public services.*



**Table 52****State and Local Taxes by Source  
(2003)**

Rank (1= Lowest)		Individual Income Taxes	Corporate Income Taxes	Rank	Property Taxes	Rank	Sales Taxes	Rank
1	Texas	0%	0%	1	41.6%	46	31.1%	36
1	Alaska	0%	13.0%	50	40.1%	44	5.9%	5
1	Florida	0%	2.7%	29	35.1%	36	33.5%	40
1	Nevada	0%	0%	1	26.5%	15	34.5%	41
1	South Dakota	0%	2.2%	21	36.3%	38	36.5%	44
1	Washington	0%	0%	1	29.7%	24	47.3%	50
1	Wyoming	0%	0%	1	38.1%	40	31.9%	38
8	Tennessee	1.1%	3.9%	42	26.6%	16	45.0%	49
9	New Hampshire	2.0%	10.5%	49	60.3%	50	0%	1
10	North Dakota	11.5%	2.9%	32	30.8%	28	22.8%	24
11	Arizona	14.5%	2.4%	25	29.5%	23	40.1%	48
12	Louisiana	14.7%	2.2%	21	15.9%	6	39.7%	47
13	Mississippi	15.1%	3.0%	34	25.2%	13	35.9%	42
14	Illinois	18.0%	3.3%	39	38.2%	41	18.1%	11
15	New Jersey	19.8%	3.2%	36	46.3%	49	17.3%	10
16	New Mexico	20.2%	2.5%	28	15.5%	4	36.2%	43
17	Vermont	20.8%	1.9%	16	41.9%	47	10.9%	6
18	Michigan	21.5%	6.7%	47	32.0%	31	25.4%	29
19	Nebraska	21.7%	2.0%	17	32.9%	32	24.2%	25
20	Iowa	21.8%	1.1%	7	34.5%	33	24.2%	25
21	Alabama	21.9%	3.3%	39	15.2%	3	30.5%	35
22	West Virginia	22.3%	4.7%	45	19.4%	9	20.7%	18
23	Rhode Island	22.7%	0.8%	5	40.4%	45	20.2%	16
24	Kansas	23.3%	1.5%	10	31.7%	29	28.8%	32
25	Maine	23.6%	1.7%	13	42.1%	48	18.4%	12
26	South Carolina	24.1%	1.6%	12	31.8%	30	25.0%	28
27	Arkansas	24.2%	2.7%	29	15.5%	4	39.3%	46
27	Montana	24.2%	3.2%	36	39.9%	43	0%	1
29	Indiana	24.3%	4.2%	43	35.2%	37	22.4%	23
30	Connecticut	24.4%	1.0%	6	39.6%	42	20.1%	15
31	Colorado	25.0%	1.5%	10	29.9%	25	29.7%	34
32	Pennsylvania	25.3%	3.2%	36	29.0%	20	19.9%	14
33	Idaho	25.6%	2.3%	24	29.1%	21	24.2%	25
34	Missouri	26.0%	2.0%	17	25.7%	14	28.1%	31
34	Oklahoma	26.0%	2.0%	17	16.9%	7	29.6%	33
36	Hawaii	26.2%	1.2%	8	14.5%	1	38.0%	45
37	Utah	26.6%	1.8%	14	23.6%	10	32.7%	39
38	Wisconsin	26.7%	2.4%	25	34.7%	34	21.0%	19
39	Georgia	27.0%	2.4%	25	27.6%	18	31.1%	36
40	California	27.4%	4.4%	44	25.1%	12	26.0%	30
41	Delaware	28.4%	9.4%	48	14.9%	2	0%	1
42	Minnesota	29.5%	2.9%	32	28.3%	19	20.5%	17
43	Virginia	30.3%	1.4%	9	30.3%	27	16.2%	9
44	North Carolina	32.2%	3.0%	34	24.0%	11	21.7%	22
45	Kentucky	32.4%	2.8%	31	18.3%	8	21.4%	21
46	Ohio	32.6%	2.1%	20	29.4%	22	21.3%	20
47	Massachusetts	33.1%	3.4%	41	36.5%	39	15.5%	8
48	New York	34.0%	5.7%	46	30.2%	26	18.7%	13
49	Maryland	38.5%	1.8%	14	27.2%	17	13.5%	7
50	Oregon	40.8%	2.2%	21	34.9%	35	0%	1

Source: U.S. Census Bureau

PUBLIC FINANCE

*Oregon's share of state and local revenue from individual income taxes is higher than in any other state. A little over a third of its tax revenue comes from property taxes.*

# Table 53

## Tax Burden (2001-2002)

Relates to Oregon Benchmark 34, Taxes & Charges Per Personal Income

Rank (1 = Lowest		Taxes as % of Personal Income	Total Charges as % of Personal Income*	Rank
1	Tennessee	8.39%	3.32%	32
2	New Hampshire	8.46%	1.89%	4
3	Alabama	8.76%	5.40%	50
4	South Dakota	9.04%	2.08%	8
<b>5</b>	<b>Oregon</b>	<b>9.09%</b>	<b>3.93%</b>	<b>41</b>
6	Colorado	9.23%	3.06%	25
7	Florida	9.37%	3.14%	27
8	Virginia	9.52%	2.80%	18
9	Texas	9.55%	2.62%	13
10	South Carolina	9.58%	4.50%	46
11	Massachusetts	9.59%	1.53%	2
12	Missouri	9.61%	2.47%	12
13	Montana	9.81%	3.43%	35
14	Oklahoma	9.95%	3.70%	39
15	Idaho	9.98%	3.94%	42
16	North Carolina	10.02%	3.79%	40
17	Georgia	10.04%	2.90%	20
18	Indiana	10.04%	3.41%	33
19	Washington	10.09%	3.41%	34
20	Pennsylvania	10.09%	2.97%	23
21	Nevada	10.12%	3.46%	37
22	Illinois	10.13%	1.92%	5
23	Alaska	10.30%	3.50%	36
24	Connecticut	10.36%	1.21%	1
25	Kansas	10.37%	2.71%	15
26	Michigan	10.38%	3.16%	30
27	Iowa	10.38%	4.10%	44
28	Mississippi	10.39%	4.88%	49
29	Arkansas	10.40%	3.15%	29
30	New Jersey	10.42%	2.05%	6
31	Maryland	10.44%	2.06%	7
32	Arizona	10.45%	2.10%	9
33	North Dakota	10.52%	4.30%	45
34	California	10.60%	3.17%	31
35	Kentucky	10.62%	2.78%	16
36	Delaware	10.72%	3.62%	38
37	Nebraska	10.77%	2.91%	21
38	Utah	10.84%	4.50%	47
39	Vermont	11.06%	2.46%	11
40	Ohio	11.10%	2.79%	17
41	Louisiana	11.13%	4.05%	43
42	New Mexico	11.14%	2.81%	19
43	West Virginia	11.17%	3.15%	28
44	Minnesota	11.31%	2.99%	24
45	Rhode Island	11.36%	1.74%	3
46	Wisconsin	11.73%	3.06%	26
47	Hawaii	12.06%	2.95%	22
48	Wyoming	12.20%	4.67%	48
49	Maine	13.02%	2.30%	10

\* Oregon has a relatively higher level of income from charges and other revenues than most states, but this reflects a generally higher level of publicly provided services paid for by user fees, including higher education, public utility districts, liquor stores, and other enterprise activities.

*Oregon residents paid a little over 9% of their personal income in taxes in 2001-02. Compared to other states, Oregon has low taxes and high charges.*

**Table 54****State and Local Direct General Expenditure  
(2001-2002)**

Rank		Direct Expenditure Per Capita	Direct Expenditure as % of Personal Income	Rank
1	Alaska	\$14,661	46.7%	1
2	New York	\$10,344	29.13%	2
3	Wyoming	\$8,692	29.09%	3
4	Washington	\$8,311	26.07%	10
5	California	\$8,272	25.49%	15
6	Minnesota	\$8,063	24.84%	18
7	Connecticut	\$7,977	18.89%	47
8	Massachusetts	\$7,936	20.45%	45
<b>9</b>	<b>Oregon</b>	<b>\$7,878</b>	<b>28.01%</b>	<b>5</b>
10	Hawaii	\$7,565	26.71%	9
11	New Jersey	\$7,488	19.32%	46
12	Rhode Island	\$7,397	24.78%	19
13	Delaware	\$7,378	23.73%	25
14	Nebraska	\$7,221	25.28%	16
15	Wisconsin	\$7,217	24.74%	21
16	Colorado	\$7,084	21.17%	40
17	Ohio	\$7,009	24.53%	22
18	Pennsylvania	\$6,968	23.04%	31
19	Illinois	\$6,944	21.30%	39
20	Michigan	\$6,918	23.54%	28
21	South Carolina	\$6,848	27.62%	7
22	Vermont	\$6,832	23.68%	27
23	Utah	\$6,694	27.92%	6
24	Maine	\$6,672	24.77%	20
25	North Dakota	\$6,610	25.50%	14
26	West Virginia	\$6,609	28.70%	4
27	Iowa	\$6,557	24.00%	24
28	Maryland	\$6,527	18.69%	49
29	Nevada	\$6,444	21.97%	35
30	Alabama	\$6,370	25.71%	13
31	Tennessee	\$6,328	23.69%	26
32	North Carolina	\$6,241	23.00%	32
33	Louisiana	\$6,180	25.27%	17
34	Montana	\$6,170	25.79%	11
34	New Mexico	\$6,170	25.79%	11
36	Kansas	\$6,164	21.73%	37
37	Georgia	\$6,122	21.82%	36
38	Kentucky	\$6,073	24.47%	23
39	Mississippi	\$6,029	27.53%	8
40	Virginia	\$5,994	18.79%	48
41	Texas	\$5,975	21.03%	41
42	Florida	\$5,949	20.76%	44
43	Oklahoma	\$5,941	23.50%	29
44	Indiana	\$5,896	21.45%	38
45	Missouri	\$5,826	20.98%	43
46	Arizona	\$5,754	22.68%	34
47	Idaho	\$5,633	22.95%	33
48	South Dakota	\$5,626	20.98%	42
49	New Hampshire	\$5,546	16.62%	50
50	Arkansas	\$5,384	23.46%	30

Source: U.S. Census Bureau, Survey of State and Local Government Finance

*Oregon was in the top ten states for direct expenditures per capita between 2001-2002.*