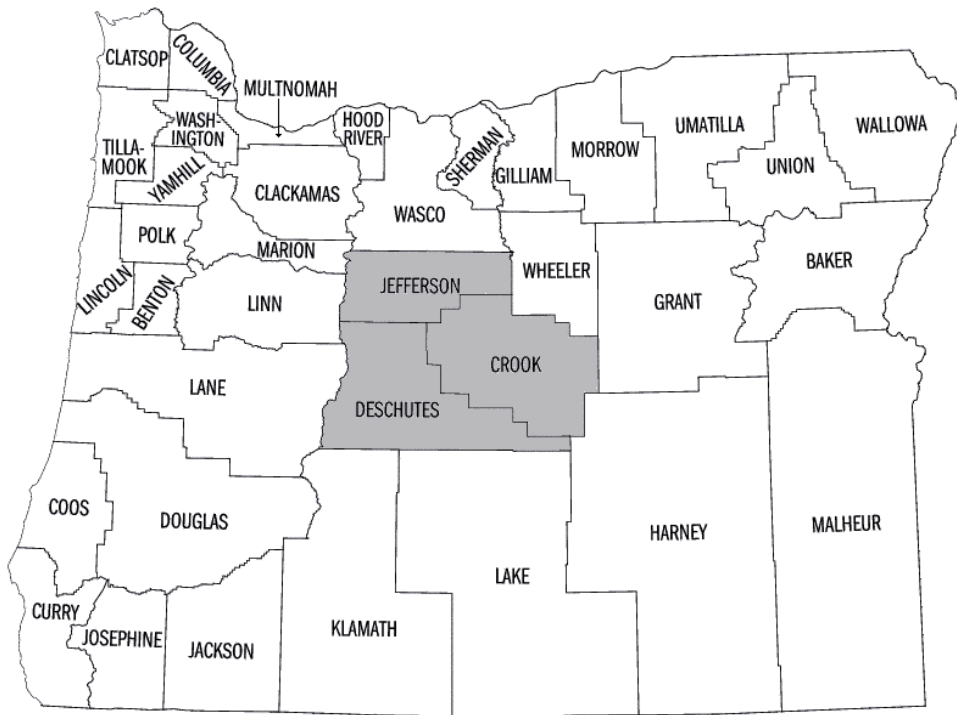


**OREGON**  
ECONOMIC & COMMUNITY DEVELOPMENT DEPARTMENT

**Regional Analysis  
Crook, Deschutes and Jefferson Counties**

**April 2008**



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## Executive Summary

This report evaluates the employment base, competitive industries and projected growth opportunities in the Oregon Economic and Community Development Department's (OECD) regional service area made up of Crook, Deschutes and Jefferson counties. The following are key features and trends that were identified by the data and analysis in this report:

### Employment and Wages

- The region made up of Crook, Deschutes and Jefferson Counties accounts for 4.9% of Oregon's private sector employment.
- Average private sector wages in the region (\$32,166) are 14.7% lower than the state average of \$37,703.
- No county in the region has a higher average wage than the state average.
- Only Crook county's employment growth was lower than the state average (5.9%).
- Deschutes County alone accounts for 85.8% of regional employment.

### Interstate Business Moves

- The region was a net importer of business establishments between 1990 and 2004.
- The number of establishments gained in the region was almost two times what the region lost over the time period.
- The region had a net gain of business from California, Washington, Alaska, Idaho and Texas.
- The region had a net loss of business establishments that moved to Colorado, Kansas, Florida and Virginia.
- Service industry businesses (Business Services & Engineering, Accounting, Research, Management & Related Services and Miscellaneous Repair Services) account for the largest share of net moves in to the region.

### Population and Age Demographics

- Population growth in each county of the region is higher than the state average (3.0%) between 2004 and 2006.
- The region has a lower share of retirement age workers (16.0%) than the state average of 17.0%.
- In most sectors of the region, the share of the retirement age workers is between 1% and 6% below the state average.
- The Retail Trade industry has both the largest number of workers and retirement age workers.
- In the state, the top 3 counties with the fastest growing populations are Jefferson, Deschutes and Crook Counties.

### Competitive Industries

- The region has 56 industries that met at least one of the competitiveness criteria<sup>1</sup>.
- Of the 56 industries, 47 are projected to grow by 2016.

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<sup>1</sup> Competitive criteria used in this report are as follows: location quotient greater than or equal to 1.25; relative average wage greater than 100%; and differential employment growth rate greater than or equal to 20%.

- 23 of the competitive industries are projected to grow faster than the regional average.
- 6 industries exceed the regional average in both average wages AND employment growth: Ambulatory Health Care Services, Support Activities For Transportation, Credit Intermediation & Related Activities, Professional & Technical Services, Construction Of Buildings, Heavy & Civil Engineering Construction.

## **Introduction**

The purpose of this report is to evaluate the employment base, competitive industries and projected growth opportunities in the Oregon Economic and Community Development Department's (OECDD) regional service area made up of Crook, Deschutes and Jefferson counties. The framework for the report provides data and analysis to help identify emerging issues and possible areas for strategic economic development initiatives. The report is composed of four sections. Section one details the data sources and methodology for this report. Section two provides an overview of the regional economy by analyzing employment, wages, population growth, business relocation, and age demographics by industry. Section three provides a framework to identify the industries in which the region may have a competitive advantage in developing or expanding regional industry specialization. Section four analyzes the employment and occupational growth opportunities that are projected for the industries identified in section three. Detailed tables of business relocation data are provided in the two appendices.

## **Section 1: Data Sources and Methodology**

This report is based on analysis of statistical data from Oregon Employment Department, Bureau of Labor Statistics, Portland State University's Population Research Center, and Walls and Associate's National Establishment Time Series (NETS) database.

The methodology for this report uses a series of indicators to provide a framework for evaluating the competitive strengths and growth opportunities of the regional economy. The following indicators are used for this report.

### **Regional Indicators**

Section two begins with an overview of the regional economy focusing on private sector business establishments, employment, and average wages to determine the geographic distribution and characteristics of employment in the region. This data is followed by recent employment and population growth trends to evaluate the region's strength in creating employment opportunities, and attracting or retaining people in the area.

The next set of indicators in this section examines regional business relocation patterns. One way to evaluate the economic strength of a region is to see if it is able to attract businesses from outside the area. This set of indicators looks at net gain or loss of business establishments by industry and also details the states where business relocations are most likely to occur.

The final set of indicators in this section analyzes of the share of retirement age workers in the region by sector. The impending retirement of the baby-boomer generation will create challenges and

opportunities for regional economies. Worker replacement needs may create new employment opportunities, but regions may struggle to find qualified workers.

## **Competitive Industry Indicators**

Section three develops three sets of indicators to identify industries that have a competitive advantage in the region. We examine employment concentrations, relative wage levels and differential growth rates within each region to identify industries that appear stronger in the region than elsewhere in the state. This section of the report uses the same competitiveness indicators as Joe Cortright's "Oregon Industry Clusters" report commissioned by OECDD. More information about the each of the three competitiveness indicators is listed below:

One characteristic of a competitive industry is the concentration of industry employment in a region, which is measured using location quotients. Location quotient is a ratio of the employment concentration of a given industry in a region compared to that industry's employment concentration in the state as a whole. Location quotients above one indicate that an industry's share of employment in the region is greater than the industry's share of employment statewide. For this study we use a location quotient threshold value of 1.25 to determine if an industry has a competitive advantage in the region. A location quotient of 1.25 means that an industry has a 25 percent greater employment concentration in the region than that found in Oregon as a whole.

Another competitive indicator is relative average wage. Regions where industry average wages are significantly above the state average are one sign that the industry has a competitive advantage in the region. Firms generally pay higher wages to higher skilled workers, as a reflection of their higher productivity, greater level of human capital, or to compensate them for the maintenance of firm specific skills. To measure relative average wage we compare industry average annual pay levels for the region and for Oregon in 2006. The threshold for this indicator is 100%, which indicates that the average annual pay in the region is equal to or greater than the state average for that industry.

Differential employment growth rate is the final indicator that was used to determine regional industry competitiveness. If a region's industry consistently outperforms their peers statewide over a period of time this may indicate the existence of a competitive advantage for that industry. To measure differential growth, we examine five-year growth rates for regional and statewide industry employment. The threshold for the relative growth indicator is 20%, which means employment in the industry grew at least 20% faster in the region than it did in the state as a whole.

## **Employment Growth Projections**

Section four looks at the employment growth projections that are associated with each of the regionally competitive industries identified in section three. Growth projections are a good way to determine the industries where employment growth is projected to occur. Current projections cover the period from 2006 to 2016.

## **Caveats & Limitations**

The competitive industries indicators and the employment projections are based on different datasets. The competitive industries indicators are based on private, covered (subject to unemployment insurance) employment while the employment projections are based on non-farm covered and uncovered employment. As a result the employment figures in Table 7 do not match the employment totals in Tables 8 although they are typically very similar.

## Section 2: Overview of the Regional Economy

### Business Establishments, Employment and Wages

- The region made up of Crook, Deschutes and Jefferson Counties accounts for 4.9% of Oregon’s private sector employment.
- The average wage in the region is 14.7% lower than the state’s private sector average wage.
- While Deschutes County has the highest average wage in the region (\$32,546), it’s still 15.8% below the state average.
- Jefferson County had the third highest employment growth out of all counties in the state.

**Table 1: Private Sector Establishments, Employment and Wages, 2006**

Area	Est.	Employment	Average Wage	% of Region Employment	% of Region Avg. Wage
Crook	574	5,701	\$31,591	8.1%	98.2%
Deschutes	6,482	60,132	\$32,546	85.8%	101.2%
Jefferson	424	4,214	\$27,529	6.0%	85.6%
Region	7,480	70,047	\$32,166	100.0%	100.0%
Oregon	122,629	1,434,040	\$37,703	N/A	N/A

Source: OECD analysis based on QCEW data from the Oregon Employment Department and BLS

### Employment and Population Growth

- Population growth in each county of the region is higher than the state average.
- Deschutes County has the fastest employment growth (15.2%) in the state.
- Jefferson County has the highest population growth (18.8%) in the state.
- Jefferson County has the third fastest employment growth in the state.

**Table 2: Percentage Change in Employment and Population, 2004-2006**

Area	Employment	Population	Emp. Growth Rank	Pop. Growth Rate
Crook	1.9%	5.7%	28	3
Deschutes	15.2%	12.7%	1	2
Jefferson	9.9%	18.8%	3	1
Oregon	5.9%	3.0%	N/A	N/A

Source: Oregon Employment Department and Portland State University

## Interstate Business Moves

- The region was a net importer of business establishments between 1990 and 2004.
- The top feeder state and the top stealer state are California and Colorado.
- More than 88% of net moves into the region are from California, with a net gain of 124 establishments from the state.

**Table 3. Top Feeder States (1990-2004)**

State	Net Est. Gain
California	124
Washington	56
Alaska	7
Idaho	6
Texas	5

**Table 4. Top Stealer States (1990-2004)**

State	Net Est. Loss
Colorado	-22
Kansas	-7
Florida	-4
Virginia	-4

Source: OECD analysis using National Establishment Time Series Database (Wall and Associates)

- More than 30.0% of net moves in to the region were from establishments in service industries.
- Wholesale Trade accounts for the second highest share of net moves in to the region.

**Table 5: Largest Net Establishment Gains by Industry (1990-2004)**

Industry	Move In	Move Out	Net Change
Business Services	40	18	22
Engineering, Accounting, Research, Management & Related Svcs	23	9	14
Wholesale Trade - Durable Goods	17	4	13
Building Construction - General Contractors & Operative Builders	27	17	10
Wholesale Trade - Nondurable Goods	9	2	7
Miscellaneous Repair Services	9	2	7
All	288	148	140

Source: OECD analysis using National Establishment Time Series Database (Wall and Associates)

- The largest net establishment loss in the region occurred in the Agricultural Production Industry.
- The region had a net loss of 2 establishments in three industries: Agricultural Production—Livestock Animal Specialties, Agricultural Services and Membership Organizations.
- Membership Organizations is the only industry that experienced no business relocations within the region.

**Table 6: Largest Net Establishment Losses by Industry (1990-2004)**

Industry	Move In	Move Out	Net Change
Agricultural Production - Livestock and Animal Specialties	2	4	-2
Agricultural Services	1	3	-2
Membership Organizations	0	2	-2
Fabricated Metal Products, Except Machinery & Transportation Equipment	2	3	-1
Real Estate	7	8	-1
Automotive Repair, Services and Parking	2	3	-1
All	288	148	140

Source: OECD analysis using National Establishment Time Series Database (Wall and Associates)

## Age Demographics by Industry

- Although the Retail Trade industry has the largest number of retirement age workers, its percentage of retirement age workers is equal to the state average.
- While Leisure and Hospitality has the second largest number of workers, it has the lowest percentage of retirement age workers (11.0%).
- The highest percentage of retirement age workers in the region occurs in the Natural Resources and Mining industry.

**Table 7: Age Demographics by Industry, 2006**

Sector	Statewide			Region		
	Age 14-99	Age 55+	Pct.	Age 14-99*	Age 55+*	Pct.*
Construction	100,444	13,498	13.4%	8,632	1,024	11.9%
Educational and Health Services	205,443	41,376	20.1%	8,885	1,753	19.7%
Financial Activities	89,086	16,137	18.1%	3,847	744	19.3%
Information	34,853	4,823	13.8%	1,636	226	13.8%
Leisure and Hospitality	164,490	17,096	10.4%	10,138	1,162	11.5%
Manufacturing	203,499	33,994	16.7%	8,271	1,213	14.7%
Natural Resources and Mining	48,201	10,118	21.0%	1,130	286	25.3%
Other Services	61,801	13,418	21.7%	2,789	589	21.1%
Professional and Business Services	98,476	17,325	17.6%	3,176	561	17.7%
Retail Trade	203,439	30,352	14.9%	10,608	1,774	16.7%
Transportation and Utilities	52,954	11,311	21.4%	1,750	375	21.4%
Wholesale Trade	84,563	14,420	17.1%	2,982	484	16.2%
All	1,347,249	223,868	16.6%	63,844	10,191	16.0%

Source: Oregon Employment Department, Local Employment Dynamics

\* Some sector totals are affected by confidentiality restrictions due to the small size of sector employment in the some of the counties that make up the region

## Section 3: Regional Competitive Industries

- Of the 85 reportable (non-confidential data) 3-digit NAICS industries in the region, 56 met at least one of the competitiveness criteria.
- Employment in these industries accounts for 78.7% of private employment in the region.
- Only two industries (Furniture & Home Furnishings Stores and Utilities) in the region met all three competitive criteria but twenty-one met two of the criteria.
- Accommodation is the industry with the highest employment concentration, which is more than two times the concentration of the state as a whole.
- Most industries have a competitive differential employment growth rate.

**Table 8: Industries Meeting At least One of the Competitiveness Criteria (sorted by employment)\***

NAICS		Est.	Employment	Average Wage	LQ	Relative Wage	Differential Growth Rate	# of Criteria Met
102	Service-Providing	5,374	51,365	\$30,704	0.98	101.5%	19.5%	*
101	Goods-Producing	2,101	18,639	\$36,217	1.07	90.3%	28.9%	*
722	Food Services And Drinking Places	408	6,378	\$14,057	1.07	117.6%	13.5%	*
238	Specialty Trade Contractors	904	5,367	\$35,290	1.74	92.2%	54.7%	**
561	Administrative And Support Services	350	4,121	\$22,645	0.92	105.2%	51.1%	**
621	Ambulatory Health Care Services	362	3,255	\$48,523	1.06	112.1%	19.4%	*
321	Wood Product Manufacturing	37	3,001	\$33,579	1.90	98.5%	-2.5%	*
541	Professional And Technical Services	640	2,651	\$44,201	0.80	93.6%	30.5%	*
236	Construction Of Buildings	564	2,362	\$38,830	1.94	95.9%	65.3%	**
721	Accommodation	90	2,292	\$22,317	2.20	146.0%	17.3%	**
452	General Merchandise Stores	34	2,085	\$23,483	1.15	123.2%	4.5%	*
441	Motor Vehicle And Parts Dealers	119	1,868	\$43,815	1.39	122.6%	-13.7%	**
713	Amusements, Gambling, And Recreation	87	1,596	\$17,781	2.02	127.5%	4.2%	**
522	Credit Intermediation And Related Activities	174	1,273	\$47,300	0.83	118.0%	43.2%	**
444	Building Material And Garden Supply Stores	83	1,192	\$33,559	1.55	127.3%	19.9%	**
813	Membership Associations And Organizations	238	1,187	\$21,572	0.87	113.6%	22.2%	**
336	Transportation Equipment Manufacturing	32	1,178	\$33,640	1.32	87.6%	7.6%	*
531	Real Estate	425	1,174	\$32,073	1.19	123.5%	-2.9%	*
624	Social Assistance	117	1,149	\$18,874	0.91	102.0%	1869.2%	**
811	Repair And Maintenance	174	811	\$30,094	0.96	96.6%	24.8%	*
447	Gasoline Stations	65	782	\$13,308	1.46	90.2%	-4.8%	*
611	Educational Services	70	779	\$23,901	0.68	98.7%	56.6%	*
484	Truck Transportation	96	706	\$40,949	0.74	118.2%	-3.2%	*
237	Heavy And Civil Engineering Construction	98	695	\$46,434	1.23	106.3%	35.6%	**
511	Publishing Industries, Except Internet	64	677	\$50,677	0.92	96.7%	32.6%	*
451	Sporting Goods, Hobby, Book And Music Stores	82	564	\$14,973	1.12	95.9%	30.7%	*
442	Furniture And Home Furnishings Stores	74	554	\$30,658	1.42	119.1%	60.1%	***
812	Personal And Laundry Services	85	538	\$16,839	0.88	88.6%	50.3%	*
453	Miscellaneous Store Retailers	120	532	\$18,942	0.98	104.7%	22.1%	**
332	Fabricated Metal Product Manufacturing	55	518	\$35,874	0.64	102.1%	46.2%	**

\* Values that satisfy the following competitive criteria are shaded in grey: location quotient (L.Q.) greater than or equal to 1.25; relative average wage greater than 100%; and differential employment growth rate greater than or equal to 20%.

337	Furniture And Related Product Manufacturing	53	506	\$31,281	1.22	107.6%	13.1%	*
517	Telecommunications	37	499	\$49,606	1.23	96.9%	21.4%	*
221	Utilities	28	387	\$65,962	1.65	109.6%	30.7%	***
515	Broadcasting, Except Internet	9	331	\$39,688	1.94	96.4%	51.3%	**
443	Electronics And Appliance Stores	43	320	\$26,526	1.02	91.6%	34.6%	*
446	Health And Personal Care Stores	37	274	\$28,988	0.74	120.1%	-9.3%	*
425	Electronic Markets And Agents And Brokers	152	271	\$63,233	0.45	103.0%	55.3%	**
488	Support Activities For Transportation	35	259	\$52,729	0.72	142.4%	32.0%	**
113	Forestry And Logging	30	235	\$37,225	0.63	105.2%	-15.2%	*
111	Crop Production	50	234	\$19,819	0.18	107.8%	-14.0%	*
311	Food Manufacturing	22	230	\$24,250	0.21	87.4%	74.3%	*
492	Couriers And Messengers	12	226	\$34,146	0.68	119.5%	6.0%	*
115	Agriculture And Forestry Support Activities	36	225	\$33,992	0.48	173.2%	136.3%	**
312	Beverage And Tobacco Product Manufacturing	9	197	\$39,021	1.42	130.9%		**
562	Waste Management And Remediation Services	19	185	\$35,984	0.71	98.3%	26.6%	*
623	Nursing And Residential Care Facilities	72	180	\$20,869	0.10	112.0%	-90.4%	*
323	Printing And Related Support Activities	21	172	\$28,029	0.50	79.0%	25.1%	*
327	Nonmetallic Mineral Product Manufacturing	16	171	\$37,968	0.65	102.0%	14.5%	*
814	Private Households	147	170	\$10,665	0.87	78.2%	178.7%	*
112	Animal Production	30	163	\$28,381	1.07	125.3%	20.1%	**
454	Nonstore Retailers	23	141	\$34,814	0.40	116.7%	12.1%	*
485	Transit And Ground Passenger Transportation	14	118	\$18,197	0.56	112.9%	149.9%	**
335	Electrical Equipment And Appliance Mfg.	10	116	\$144,202	1.00	338.1%		*
326	Plastics And Rubber Products Manufacturing	6	97	\$33,326	0.29	104.2%	-8.2%	*
712	Museums, Historical Sites, Zoos, And Parks	6	81	\$25,718	1.19	121.1%	3.6%	*
314	Textile Product Mills	7	56	\$29,772	1.04	125.7%	98.7%	**
315	Apparel Manufacturing	5	21	\$19,395	0.36	83.4%	51.0%	*
516	Internet Publishing And Broadcasting	3	4	\$191,610	0.37	360.1%		*

Source: OECD analysis based on QCEW data from the Oregon Employment Department and BLS

## Competitive Industries: Employment Projections by Industry

- Of the competitive industries in the region, 47 are projected to have positive employment growth between 2006 and 2016.
- Of the competitive industries, 23 are projected to grow faster than the regional average of 25.1%.
- Three top industries are projected to grow more than 50% by 2016: Textile Product Mills, Accommodation and Museums, Historical Sites, Zoos & Parks.

**Table 9: Competitive Industry Employment Growth Projections (sorted by % change)\***

NAICS		2006	2016	Change	% Change
314	Textile Product Mills	55	96	41	74.5%
721	Accommodation	2,295	3,887	1,592	69.4%
712	Museums, Historical Sites, Zoos, And Parks	81	122	41	50.6%
444	Building Material And Garden Supply Stores	1,194	1,762	568	47.6%
621	Ambulatory Health Care Services	3,319	4,601	1,282	38.6%
713	Amusements, Gambling, And Recreation	1,678	2,300	622	37.1%
488	Support Activities For Transportation	265	355	90	34.0%
442	Furniture And Home Furnishings Stores	559	733	174	31.1%
522	Credit Intermediation And Related Activities	1,278	1,653	375	29.3%
452	General Merchandise Stores	2,103	2,709	606	28.8%
443	Electronics And Appliance Stores	341	439	98	28.7%
611	Educational Services	787	1,012	225	28.6%
561	Administrative And Support Services	4,485	5,754	1,269	28.3%
115	Agriculture And Forestry Support Activities	252	322	70	27.8%
238	Specialty Trade Contractors	5,430	6,912	1,482	27.3%
541	Professional And Technical Services	2,793	3,554	761	27.2%
236	Construction Of Buildings	2,424	3,084	660	27.2%
562	Waste Management And Remediation Services	233	295	62	26.6%
451	Sporting Goods, Hobby, Book And Music Stores	572	720	148	25.9%
812	Personal And Laundry Services	539	677	138	25.6%
332	Fabricated Metal Product Manufacturing	521	654	133	25.5%
237	Heavy And Civil Engineering Construction	701	879	178	25.4%
624	Social Assistance	1,196	1,498	302	25.3%
441	Motor Vehicle And Parts Dealers	1,871	2,340	469	25.1%
311	Food Manufacturing	240	300	60	25.0%
446	Health And Personal Care Stores	284	354	70	24.6%
312	Beverage And Tobacco Product Manufacturing	244	303	59	24.2%
722	Food Services And Drinking Places	6,403	7,947	1,544	24.1%
453	Miscellaneous Store Retailers	545	675	130	23.9%
485	Transit And Ground Passenger Transportation	128	158	30	23.4%
811	Repair And Maintenance	841	1,037	196	23.3%
221	Utilities	387	477	90	23.3%
517	Telecommunications	521	629	108	20.7%
484	Truck Transportation	744	897	153	20.6%
531	Real Estate	2,615	3,132	517	19.8%
315	Apparel Manufacturing	21	25	4	19.0%

Faster than Region Average

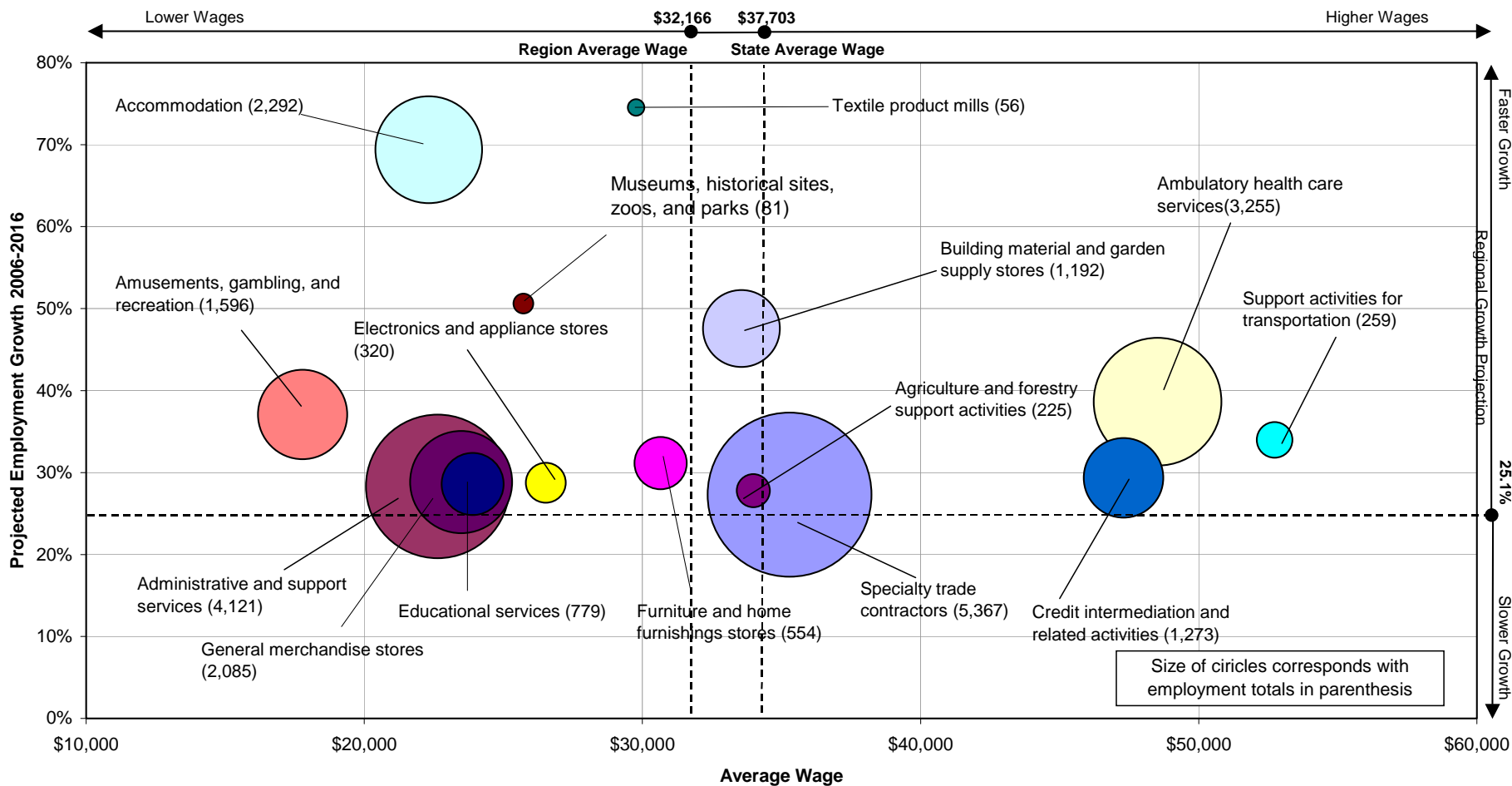
Projected Employment Growth

813	Membership Associations And Organizations	1,187	1,412	225	19.0%
492	Couriers And Messengers	229	268	39	17.0%
425	Electronic Markets And Agents And Brokers	284	332	48	16.9%
326	Plastics And Rubber Products Manufacturing	104	121	17	16.3%
511	Publishing Industries, Except Internet	709	823	114	16.1%
112	Animal Production	193	220	27	14.0%
327	Nonmetallic Mineral Product Manufacturing	174	198	24	13.8%
454	Nonstore Retailers	145	164	19	13.1%
337	Furniture And Related Product Manufacturing	519	563	44	8.5%
447	Gasoline Stations	785	844	59	7.5%
323	Printing And Related Support Activities	177	189	12	6.8%
111	Crop Production	330	328	-2	-0.6%
321	Wood Product Manufacturing	4,106	4,000	-106	-2.6%
336	Transportation Equipment Manufacturing	1,627	1,554	-73	-4.5%
515	Broadcasting, Except Internet	N/A	N/A	N/A	N/A
101	Goods-Producing	N/A	N/A	N/A	N/A
102	Service-Providing	N/A	N/A	N/A	N/A
113	Forestry And Logging	N/A	N/A	N/A	N/A
335	Electrical Equipment And Appliance Mfg.	N/A	N/A	N/A	N/A
516	Internet Publishing And Broadcasting	N/A	N/A	N/A	N/A
623	Nursing And Residential Care Facilities	N/A	N/A	N/A	N/A
<b>N/A</b>		<b>66,502</b>	<b>83,165</b>	<b>16,663</b>	<b>25.1%</b>

Source: OECD analysis based on CES data from the Oregon Employment Department

\* Employment totals in Table 8 vary from those in Tables 9, and 10 because they are from different data sources. Table 8 uses covered employment (gathered from firms that pay unemployment insurance) from the Quarterly Census of Employment (QCEW) and Wages. The employment projections in Table 9 and 10 are based on Current Employment Statistics (CES) that include both covered and uncovered employment.

### Regionally Competitive Industries



## Appendix I: Company Moves to Region

Company	Industry	Destination County	Origin State	Origin City	Move Year	Move Emp
American Licorice Co Del	Food and Kindred Products	Deschutes	IL	Cook	2002	350
Viplex Industries	Building Construction - General Contractors & Operative Builders	Deschutes	CA	San Diego	1996	31
Stockton Grocery Outlet Inc	Food Stores	Deschutes	CA	Humboldt	2003	26
Accent Semiconductor Tech	Electronic, Elctrel Eqpmnt & Cmpnts, Excpt Computer Eqpmnt	Deschutes	CA	Santa Clara	2001	25
California Executive Mgt	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Los Angeles	2001	25
Figaros Pizza	Eating and Drinking Places	Deschutes	WA	Whatcom	2002	24
Shulo William A	Amusement and Recreation Services	Deschutes	NE	Douglas	2002	20
Barber Michael	Food Stores	Deschutes	WA	King	2001	20
Steiner Lbr Co Of Sacramento	Building Matrials, Hrdwr, Garden Supply & Mobile Home Dealrs	Deschutes	CA	Sacramento	1996	19
Remco Tape Products Co Inc	Apparel and Accessory Stores	Deschutes	CA	Los Angeles	1991	17
Metabolic Maintenance Pdts Inc	Chemicals and Allied Products	Deschutes	CA	San Diego	1994	16
Prowest Diversified Inc	Building Construction - General Contractors & Operative Builders	Deschutes	CA	San Bernardino	1994	15
Aircraft Rubber Mfg Co	Rubber and Miscellaneous Plastic Products	Deschutes	CA	Orange	1998	15
H & H Aviation	Transportation by Air	Deschutes	ID	Ada	1996	13
Dutch American Import Co Inc	Wholesale Trade - Nondurable Goods	Deschutes	CA	Orange	1994	12
Laserline Incorporated	Mesr/Anlyz/Cntrl Instrmnts; Photo/Med/Opt Gds; Watches/Clocks	Deschutes	CA	Santa Clara	1995	12
Neico Aviation Inc	Automotive Dealers and Gasoline Service Stations	Deschutes	CA	Ventura	1992	12
Cylant Technology Llc	Business Services	Deschutes	ID	Latah	2000	12
Gretna Recreation Inc	Amusement and Recreation Services	Deschutes	NE	Douglas	2004	12
Young Roger G Inc	Heavy Construction, Except Building Construction - Contractors	Deschutes	WA	King	1998	12
Carols	Eating and Drinking Places	Jefferson	WA	Columbia	1990	12
Vander Kamp Kent	Nondepository Credit Institutions	Deschutes	CA	San Diego	2003	11
Hogan Telcom	Construction - Special Trade Contractors	Deschutes	CA	Santa Clara	1996	11
Pacoast Inc	Wholesale Trade - Nondurable Goods	Deschutes	CA	Sacramento	1995	10
Gray Douglas Plumbing	Construction - Special Trade Contractors	Deschutes	CA	Contra Costa	1992	10
Michi Designs Inc	Electronic, Elctrel Eqpmnt & Cmpnts, Excpt Computer Eqpmnt	Deschutes	CA	San Mateo	1999	10
Double Press Manufacturing	Industrial and Commercial Machinery and Computer Equipment	Jefferson	CA	Riverside	1994	10
Shellabarger Construction	Heavy Construction, Except Building Construction - Contractors	Deschutes	CO	Grand	1990	10
Dissemination Inc	Business Services	Deschutes	NV	Carson City	2000	10
Schwab Les Warehouse Center	Automotive Dealers and Gasoline Service Stations	Crook	WA	King	1997	10
Highlander Cnstr Group Llc	Building Construction - General Contractors & Operative Builders	Deschutes	WA	San Juan	2004	10
Stadium Capital Management Llc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Santa Clara	2003	9
Hunt/Railton International	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Marin	1993	9
Russell John C Investment Mgt	Security & Commodity Brokers, Dealers, Exchanges & Services	Deschutes	TX	Cameron	2003	9
Videl Inc	Motion Pictures	Deschutes	AK	Ketchikan Gateway	2000	8
Church Constructors Inc	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Fresno	1996	8
U S Enrollers Inc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Orange	1995	8
Idaho Bus Sales Inc	Wholesale Trade - Durable Goods	Deschutes	ID	Jerome	2002	8
Smith Bros Auto Parts Engrg Co	Transportation Equipment	Deschutes	CA	Los Angeles	1994	7

Parmaster Inc	Miscellaneous Manufacturing Industries	Deschutes	CA	Stanislaus	1991	7
Dupont William Fine Crystal	Stone, Clay, Glass, and Concrete Products	Deschutes	CA	Inyo	1992	7
Silverado Development Inc	Building Construction - General Contractors & Operative Builders	Deschutes	CA	San Mateo	1993	7
Klamath Bay Inc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Los Angeles	1994	7
Meldisco K-M Of Hwy 97 N Or	Apparel and Accessory Stores	Deschutes	NJ	Bergen	2000	7
Coffee Europa	Eating and Drinking Places	Deschutes	WA	King	2004	7
Gds Heavy Equipment Service	Miscellaneous Retail	Crook	CA	Inyo	2003	6
Rose Patrick W	Eating and Drinking Places	Deschutes	CA	San Diego	1994	6
Casex Co	Oil and Gas Extraction	Deschutes	CA	Nevada	2002	6
Fifes Mill & Cabinet Works	Lumber and Wood Products, Except Furniture	Deschutes	CA	Monterey	1991	6
Pilot Development Inc	Construction - Special Trade Contractors	Deschutes	CA	Kern	1997	6
Dubl-Click Software Inc	Business Services	Deschutes	CA	Los Angeles	1994	6
Muzzy Robert W	Amusement and Recreation Services	Deschutes	CA	San Bernardino	1992	6
Gerdau Services	Social Services	Deschutes	CA	San Bernardino	1993	6
Herring Ron Company	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Sonoma	2000	6
Dawson Computer Services Inc	Business Services	Deschutes	NY	Suffolk	1992	6
Andrews Sales Co Inc	Miscellaneous Manufacturing Industries	Deschutes	WA	Clark	2001	6
Kens Rental & Supply Inc	Automotive Dealers and Gasoline Service Stations	Deschutes	WA	Cowlitz	2001	6
Ceniga Construction	Construction - Special Trade Contractors	Deschutes	WA	Pierce	1992	6
Tee Harbor Construction	Building Construction - General Contractors & Operative Builders	Deschutes	AK	Juneau	1992	5
Rage The	Apparel and Accessory Stores	Deschutes	CA	Los Angeles	1994	5
Distinctive Signing Inc	Miscellaneous Manufacturing Industries	Deschutes	CA	Los Angeles	1994	5
Washington Square Liquor Store	Miscellaneous Retail	Deschutes	CA	Sonoma	1991	5
Chaky Construction	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Orange	1993	5
Centers West Inc	Real Estate	Deschutes	CO	Jefferson	1996	5
Rbd Enterprises Inc	Business Services	Deschutes	MN	Hennepin	1997	5
Hong Kong Inn	Eating and Drinking Places	Crook	WA	Clallam	2003	5
Cascade Mcrwave Communications	Miscellaneous Repair Services	Deschutes	WA	Clark	1995	5
Crescent Moon Ranch	Agricultural Production - Livestock and Animal Specialties	Jefferson	WA	San Juan	2003	5
High Plains Contractors	Building Construction - General Contractors & Operative Builders	Crook	WY	Albany	2002	5
Mikes Landscape Services	Agricultural Services	Crook	CA	Contra Costa	2004	4
Martech Associates Inc	Wholesale Trade - Durable Goods	Deschutes	CA	Contra Costa	1994	4
Ludwig Kaftan	Miscellaneous Retail	Deschutes	CA	Alameda	2003	4
Trim Line Of Modesto	Automotive Repair, Services and Parking	Deschutes	CA	Stanislaus	1990	4
Cornelius & Sons Construction	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Alameda	1994	4
Miniature Machine Solutions	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CA	Santa Clara	2002	4
Cascade Kids Dental	Health Services	Deschutes	NE	Sarpy	2003	4
Keathley Enterprises	Leather and Leather Products	Deschutes	NV	Carson City	1993	4
International Converting Inst	Engineering, Accounting, Research, Management & Related Svcs	Jefferson	TX	Denton	1994	4
Maxcard Inc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	VA	Fairfax	1993	4
Drywall Systems International	Rubber and Miscellaneous Plastic Products	Deschutes	WA	King	2003	4

Hartke & Company Construction	Building Construction - General Contractors & Operative Builders	Deschutes	WA	Clark	2004	4
Scenturion Inc	Mesr/Anlyz/Cntrl Instrmnts; Photo/Med/Opt Gds; Watches/Clocks	Deschutes	WA	Island	2002	4
Gibson Heating & Cooling	Construction - Special Trade Contractors	Deschutes	WV	Wyoming	1993	4
Industrial Parts Of Alaska	Wholesale Trade - Durable Goods	Deschutes	AK	Anchorage	1990	3
Azr Builders	Building Construction - General Contractors & Operative Builders	Deschutes	AZ	Maricopa	2001	3
Genes Tire Service	Miscellaneous Retail	Crook	CA	Monterey	1991	3
Donnas Day Care	Social Services	Deschutes	CA	Los Angeles	2003	3
Bob S Guitars	Home Furniture, Furnishings and Equipment Stores	Deschutes	CA	Shasta	2003	3
In-Sync Technical Resources	Primary Metal Industries	Deschutes	CA	Stanislaus	2003	3
Pease Pool Svc	Business Services	Deschutes	CA	Riverside	2002	3
Knowledge Solutions Llc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Santa Cruz	2001	3
I M I Usa Corporation	Printing, Publishing and Allied Industries	Deschutes	CA	San Bernardino	2002	3
Bay Distribution Service Inc	Wholesale Trade - Durable Goods	Deschutes	CA	Santa Clara	1997	3
Technical Products Engineering	Electronic, Elctrel Eqpmnt & Cmpnts, Except Computer Eqpmnt	Deschutes	CA	Santa Barbara	1992	3
Electro Medical Instruments	Wholesale Trade - Durable Goods	Deschutes	CA	Alameda	1990	3
Plinker Electric Products	Building Matrials, Hrdwr, Garden Supply & Mobile Home Deals	Deschutes	CA	Alameda	1991	3
Mcdantim Inc	Fabricated Metal Products, Except Machinery & Transportation Equipment	Deschutes	CA	Los Angeles	1994	3
Parks Jerry Enterprises A Corp	Miscellaneous Manufacturing Industries	Deschutes	CA	Ventura	1994	3
Nicholson Barbara L Co	Real Estate	Deschutes	CA	San Luis Obispo	1993	3
Ros Accessories Inc	Wholesale Trade - Nondurable Goods	Deschutes	CA	Contra Costa	2003	3
Shaw Resources	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Santa Clara	2003	3
Olde Tyme Antiques	Miscellaneous Retail	Deschutes	CA	Santa Clara	2001	3
World Piece Commerce Co	Wholesale Trade - Durable Goods	Deschutes	CA	San Francisco	2004	3
Brunkes Fine Firearms	Miscellaneous Retail	Jefferson	CA	Sonoma	1991	3
Storm Chasing Adventure Tours	Transportation Services	Deschutes	CO	Jefferson	2004	3
Kari Paz Physical Therapy Llc	Health Services	Deschutes	CO	Jefferson	2004	3
Always Quality Painting	Construction - Special Trade Contractors	Deschutes	GA	Camden	2004	3
Back Porch	Home Furniture, Furnishings and Equipment Stores	Deschutes	KS	Grant	2002	3
Communities By Choice	Business Services	Deschutes	KY	Madison	2004	3
New Circle Rd Steaks Inc	Eating and Drinking Places	Deschutes	KY	Jessamine	1990	3
Callahan Dennis P	Miscellaneous Retail	Deschutes	MN	Hennepin	2002	3
C & L Construction	Building Construction - General Contractors & Operative Builders	Deschutes	MT	Park	2002	3
Milcon Services Inc	Building Construction - General Contractors & Operative Builders	Deschutes	NV	Carson City	1998	3
Western Manufactured Home Sups	Building Matrials, Hrdwr, Garden Supply & Mobile Home Deals	Deschutes	NV	Washoe	2003	3
Executive Courier Service	Motor Freight Transportation	Deschutes	NV	Clark	2003	3
Aero Medical Aplicat & Svcs	Wholesale Trade - Durable Goods	Deschutes	OK	Oklahoma	1992	3
Barton Builder	Building Construction - General Contractors & Operative Builders	Deschutes	TX	Harris	1990	3
Tek Solutions Llc	Home Furniture, Furnishings and Equipment Stores	Crook	VT	Rutland	2000	3
New Concepts Inc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	WA	Clark	2001	3
Joan C Gaines Management	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	WA	King	2001	3

Infopak International Inc	Business Services	Deschutes	WA	King	2000	3
Fitt Factor Inc	Health Services	Deschutes	AK	Kenai Peninsula	2001	2
Hogan L Pete Cpa	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	AK	Ketchikan Gateway	2004	2
Kitchens Etc	Business Services	Deschutes	AK	Matanuska-Susitna	2000	2
Palm Springs Financial Mgt	Security & Commodity Brokers, Dealers, Exchanges & Services	Crook	CA	San Bernardino	2004	2
New Dimensions Aikido	Amusement and Recreation Services	Deschutes	CA	Siskiyou	2004	2
Victorex	Business Services	Deschutes	CA	Contra Costa	1993	2
Heritage West Books	Miscellaneous Retail	Deschutes	CA	Kern	2004	2
Mountainviewbuilders	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Orange	2003	2
Hodge Embroidery	Apparel, Finished Products from Fabrics & Similar Materials	Deschutes	CA	Riverside	2002	2
Maya Bauer Designs	Home Furniture, Furnishings and Equipment Stores	Deschutes	CA	Marin	2004	2
Touch Of Glass A	Miscellaneous Retail	Deschutes	CA	Alameda	2004	2
Forest Products Consulting	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Shasta	2004	2
Cal-Four Inc	Real Estate	Deschutes	CA	Shasta	1993	2
Cal-Four Inc	Real Estate	Deschutes	CA	Shasta	1997	2
Discount Carpet Bargains Cal	Home Furniture, Furnishings and Equipment Stores	Deschutes	CA	Santa Barbara	2004	2
Ramsay S	Wholesale Trade - Durable Goods	Deschutes	CA	Contra Costa	2004	2
Bucknum Daniel	Legal Services	Deschutes	CA	Orange	1991	2
Radiation Measuring Systems	Wholesale Trade - Durable Goods	Deschutes	CA	Orange	1991	2
Its Broggies Business	Wholesale Trade - Durable Goods	Deschutes	CA	Los Angeles	2004	2
Christopher R Kronberg	Business Services	Deschutes	CA	Santa Barbara	2003	2
Todd Nelson Piano Refinishing	Miscellaneous Repair Services	Deschutes	CA	Santa Barbara	2001	2
Rock Histrees Ltd	Wholesale Trade - Nondurable Goods	Deschutes	CA	Los Angeles	1992	2
Camvans	Automotive Repair, Services and Parking	Deschutes	CA	Los Angeles	1991	2
Conlon Consulting Group	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Contra Costa	2003	2
Genesis Packaging Co	Wholesale Trade - Nondurable Goods	Deschutes	CA	Contra Costa	2001	2
California Silkscreening	Printing, Publishing and Allied Industries	Deschutes	CA	Santa Clara	1991	2
Jensen Chiropractic	Health Services	Deschutes	CA	Orange	1991	2
S&W Engineering	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CA	Orange	1992	2
Automated Energy Systems	Miscellaneous Repair Services	Deschutes	CA	Orange	1993	2
James Property Investment	Holding and Other Investment Offices	Deschutes	CA	San Mateo	1994	2
Bradford Transport	Transportation Services	Deschutes	CA	Los Angeles	1991	2
Tile Environments	Construction - Special Trade Contractors	Deschutes	CA	Santa Cruz	1993	2
Leading Edge Avionics	Miscellaneous Repair Services	Deschutes	CA	Sacramento	1993	2
G&P Godwin Co	Security & Commodity Brokers, Dealers, Exchanges & Services	Deschutes	CA	San Diego	2002	2
Rusk Coaching Consulting	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Marin	2002	2
Oak Knoll Consulting Llc	Business Services	Deschutes	CA	Napa	2001	2
Meridian Bicycle Works Inc	Transportation Equipment	Deschutes	CA	Los	1997	2

				Angeles		
Eagle Seeds	Agricultural Production - Crops	Deschutes	CA	Santa Clara	2004	2
Reliance Repair Service	Wholesale Trade - Durable Goods	Jefferson	CA	Orange	2004	2
Vanpool Maintenance Inc	Local, Suburban Transit & Interurban Hgwy Passenger Transport	Jefferson	CA	Solano	2002	2
Aarow Custom Homes Corp	Building Construction - General Contractors & Operative Builders	Deschutes	IA	Linn	2004	2
Boone Phillips Corp	Construction - Special Trade Contractors	Deschutes	ID	Bonner	2003	2
Idaho Renewable Energy	Building Materials, Hrdwr, Garden Supply & Mobile Home Dealers	Deschutes	ID	Canyon	2004	2
Sunlight Of Spirit	Miscellaneous Retail	Deschutes	ID	Valley	2004	2
Kramer Nancy L	Miscellaneous Retail	Crook	MI	Chippewa	2003	2
Grace Farms Inc	Health Services	Deschutes	MI	Oakland	1995	2
Bauer Assemblies Inc	Miscellaneous Repair Services	Deschutes	MN	Carver	1995	2
Shagawa Trading Company	Wholesale Trade - Nondurable Goods	Deschutes	MN	St. Louis	2003	2
Herron House Salon	Personal Services	Deschutes	NC	Davidson	2004	2
Superclean Janitorial Service	Business Services	Deschutes	ND	Bottineau	2003	2
Nowlin Mark	Business Services	Crook	OH	Franklin	1997	2
Health & Safety Strategies Inc	Miscellaneous Retail	Deschutes	SD	Meade	1998	2
Ryan Pamela	Motor Freight Transportation	Jefferson	UT	Salt Lake	2003	2
Wilderness Forge Llc	Fabricated Metal Products, Except Machinery & Transportation Equipment	Jefferson	UT	Kane	2004	2
Moffat Bill	Miscellaneous Manufacturing Industries	Crook	WA	Snohomish	2004	2
Dougs Racing Stables Inc	Automotive Dealers and Gasoline Service Stations	Crook	WA	Pierce	2004	2
Life Of Reilley Enterprises	Miscellaneous Manufacturing Industries	Deschutes	WA	Snohomish	2002	2
Whidbey Island Percherons	Transportation Services	Deschutes	WA	Island	2002	2
All Azimuths Photography Inc	Personal Services	Deschutes	WA	King	2004	2
Wild West Card Co	Miscellaneous Retail	Deschutes	WA	Lewis	2001	2
Transpacific Floorcovering	Home Furniture, Furnishings and Equipment Stores	Deschutes	WA	Snohomish	1991	2
Togiak Rver Fishing Adventures	Amusement and Recreation Services	Deschutes	WA	Kittitas	1999	2
Homestead Antiques	Miscellaneous Retail	Deschutes	WA	Yakima	1994	2
Stedman Tv Productions Inc	Motion Pictures	Deschutes	WA	King	2004	2
Cambridge Homes Inc	Building Construction - General Contractors & Operative Builders	Deschutes	WA	Clark	2000	2
Lowell Appraisal	Real Estate	Deschutes	WA	King	2002	2
Strategic Analysis Llc	Engineering, Accounting, Research, Management & Related Svcs	Crook	AK	Anchorage	2004	1
Dickinson Enterprises Inc	Building Construction - General Contractors & Operative Builders	Deschutes	AK	Anchorage	1990	1
Arctic Ind & Auto Supply	Miscellaneous Repair Services	Deschutes	AK	Anchorage	2004	1
Bridge Creek Builders	Heavy Construction, Except Building Construction - Contractors	Deschutes	AK	Kenai Peninsula	2002	1
Ew Chapple Co	Personal Services	Deschutes	AK	Fairbanks North Star	2003	1
Burgess Inc	Business Services	Deschutes	AK	Sitka	2001	1
White Bear Publishing Inc	Printing, Publishing and Allied Industries	Crook	AZ	Yavapai	2002	1
Braude International Inc	Wholesale Trade - Nondurable Goods	Deschutes	CA	Santa Cruz	2003	1
Organizing Solutions	Business Services	Deschutes	CA	Sacramento	2003	1
Sl Jones Graphics	Business Services	Deschutes	CA	Los Angeles	2004	1
Macs & More	Home Furniture, Furnishings and Equipment Stores	Deschutes	CA	Siskiyou	2004	1
Berry Linda Design	Business Services	Deschutes	CA	Alameda	2001	1
Cm&F Enterprises Inc	Business Services	Deschutes	CA	Marin	2004	1
Blanchard & Disc Grinding Inc	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CA	Ventura	2002	1

Harpeng Match Plate Co	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CA	Los Angeles	1999	1
Clearmedia Group	Business Services	Deschutes	CA	Orange	2004	1
Cross Craft Construction	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Orange	2004	1
Projection Service Company	Miscellaneous Repair Services	Deschutes	CA	Orange	2002	1
Hoppe Bill	Nonclassifiable Establishments	Deschutes	CA	San Francisco	2002	1
Earl A Berg Photography	Personal Services	Deschutes	CA	Santa Barbara	2003	1
Crosby & Company	Wholesale Trade - Nondurable Goods	Deschutes	CA	Los Angeles	1998	1
M K Consulting Llc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Los Angeles	2003	1
Canusa Enterprises Llc	Business Services	Deschutes	CA	San Diego	2004	1
Helwig Construction	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Santa Clara	2002	1
Orr Ron Drywall Co	Construction - Special Trade Contractors	Deschutes	CA	Contra Costa	1993	1
New England Woodworks Design	Business Services	Deschutes	CA	San Diego	2004	1
Off The Front Marketing	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Marin	2003	1
Bayshore Distribution	Apparel and Accessory Stores	Deschutes	CA	Los Angeles	2003	1
Kryptoyscom	Miscellaneous Retail	Deschutes	CA	Santa Clara	2004	1
Mccurdy Roger K General Contr	Construction - Special Trade Contractors	Deschutes	CA	Los Angeles	1996	1
Work Of Art	Health Services	Deschutes	CA	Sonoma	2001	1
Blair & Associates Inc	Real Estate	Deschutes	CA	Monterey	2004	1
Sunstone Gallery	Services, Not Elsewhere Classified	Deschutes	CA	San Diego	2004	1
Dacapo Violin Shop	Home Furniture, Furnishings and Equipment Stores	Deschutes	CA	San Francisco	1990	1
Bardon & Associates	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	Los Angeles	2001	1
Lunonics Inc	Wholesale Trade - Durable Goods	Deschutes	CA	Alameda	1993	1
Brown David Construction	Construction - Special Trade Contractors	Deschutes	CA	Ventura	1996	1
Custom Covering Upholstery	Construction - Special Trade Contractors	Deschutes	CA	San Luis Obispo	1999	1
Interaccess	Wholesale Trade - Durable Goods	Deschutes	CA	Los Angeles	1995	1
M/C Graphic Design	Business Services	Deschutes	CA	Madera	2002	1
Chem Pro	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CA	Orange	2004	1
Vanderkamp Lynne	Business Services	Deschutes	CA	Los Angeles	2003	1
Palmer Jeanette	Personal Services	Deschutes	CA	San Mateo	2003	1
Murray Martha Design Inc	Business Services	Deschutes	CA	San Francisco	2003	1
Croom Cheryl	Miscellaneous Repair Services	Deschutes	CA	Ventura	2004	1
L & D Machine	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	San Diego	1997	1
Non-Sequitur Technologies	Wholesale Trade - Durable Goods	Deschutes	CA	Santa Clara	2001	1
Huntress Construction	Building Construction - General Contractors & Operative Builders	Deschutes	CA	Marin	2004	1
Star Heavy Duty Inc	Wholesale Trade - Durable Goods	Deschutes	CA	Riverside	2000	1
Native Creations	Wholesale Trade - Nondurable Goods	Deschutes	CO	Routt	2004	1
Ski Events Associates	Business Services	Deschutes	CO	Pitkin	2003	1
Smuland Karen A I A Llc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CO	Summit	2004	1

Alessandri Enterprises Inc	Business Services	Deschutes	CO	Larimer	2003	1
Castle Court Reporting	Business Services	Deschutes	CO	Mesa	2001	1
Mckenzie Consulting	Business Services	Crook	FL	Indian River	2002	1
Fick Oliver A	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	GA	Fulton	2002	1
Pamela Trw-Johnson Art Passion	Business Services	Deschutes	GA	Fulton	2001	1
Leila Rae Enterprises	Home Furniture, Furnishings and Equipment Stores	Deschutes	IA	Polk	1990	1
Martin Byard	Wholesale Trade - Durable Goods	Deschutes	ID	Payette	2002	1
Munson Mary	Hotels, Rooming Houses, Camps, and Other Lodging Places	Deschutes	ID	Latah	2000	1
Popowich Jack	Personal Services	Deschutes	ID	Blaine	2000	1
Sunburst Gold Liquidators	Business Services	Deschutes	ID	Ada	1995	1
Heinrich Larry	Agricultural Production - Crops	Jefferson	ID	Washington	2001	1
Sims Lynn Woodward-	Business Services	Deschutes	MA	Barnstable	2001	1
Jbj Design	Business Services	Deschutes	MN	Chippewa	2003	1
Acupuncture & Chinese H	Social Services	Deschutes	MT	Gallatin	2004	1
Aarons Plumbing Heating	Construction - Special Trade Contractors	Deschutes	NM	Bernalillo	2002	1
Susan D Johnson	Business Services	Jefferson	NM	Santa Fe	2002	1
Vegas Vapor Clean Llc	Miscellaneous Repair Services	Deschutes	NV	Clark	2004	1
Stampeder Services Corporation	Services, Not Elsewhere Classified	Deschutes	NY	Monroe	2003	1
Lemons Tony	Motor Freight Transportation	Deschutes	TX	Potter	2003	1
Laser Rays Inc	Business Services	Deschutes	TX	Denton	2002	1
Air Inc	Transportation Equipment	Deschutes	UT	Salt Lake	2002	1
Alpine Internet Dev Llc	Business Services	Deschutes	UT	Utah	2001	1
Long Lake Wooden Boats	Transportation Equipment	Crook	WA	Kitsap	2004	1
Beyond Garden Gate	Miscellaneous Retail	Deschutes	WA	Cowlitz	2002	1
Ultimate Skin Care	Personal Services	Deschutes	WA	Yakima	2004	1
Hammers & Nails Inc	Construction - Special Trade Contractors	Deschutes	WA	Ferry	2003	1
Nachtmann Joseph E	Construction - Special Trade Contractors	Deschutes	WA	Benton	2002	1
Crouch Jim Construction	Building Construction - General Contractors & Operative Builders	Deschutes	WA	Clark	2000	1
Premier Massage Therapy	Personal Services	Deschutes	WA	Clark	2003	1
Cahail Const	Building Construction - General Contractors & Operative Builders	Deschutes	WA	Clallam	2001	1
J&J Computer Services	Business Services	Deschutes	WA	Snohomish	2004	1
Kmm Scientific Cia	Services, Not Elsewhere Classified	Deschutes	WA	King	2003	1
Jason Cunningham Construc	Construction - Special Trade Contractors	Deschutes	WA	Clark	2004	1
Jeanette M Buystedt	Printing, Publishing and Allied Industries	Deschutes	WA	King	2003	1
Cardon Construction	Building Construction - General Contractors & Operative Builders	Deschutes	WA	Pierce	2002	1
Friedman Peter J	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	WA	Island	2001	1
Northwest Totemic Designs	Business Services	Deschutes	WA	Jefferson	2004	1
Oak Harbor Freight Lines Inc	Motor Freight Transportation	Deschutes	WA	King	2001	1
Strawberry Mountain Corp	Wholesale Trade - Durable Goods	Deschutes	WA	Whatcom	1993	1
Hasenoehrl Larry Construction	Building Construction - General Contractors & Operative Builders	Deschutes	WA	King	2003	1
Blue Chip Development Co	Business Services	Deschutes	WA	Clark	1996	1
Eastlake Plumbing Inc	Construction - Special Trade Contractors	Deschutes	WA	King	2003	1
A&R Painting In	Construction - Special Trade Contractors	Deschutes	WA	King	1996	1
Thomas Michael J	Legal Services	Deschutes	WA	King	2001	1
Loster Appraisal Services	Real Estate	Jefferson	WA	Thurston	2002	1

Eagle Xray Apparat	Mesr/Anlyz/Cntrl Instrmnts; Photo/Med/Opt Gds; Watches/Clocks	Jefferson	WA	Yakima	2003	1
M And M Dairy Inc	Agricultural Production - Livestock and Animal Specialties	Jefferson	WA	Clark	1994	1
Jem Search Llc	Business Services	Deschutes	WI	La Crosse	2004	1
White Larry	Building Construction - General Contractors & Operative Builders	Crook	WY	Albany	2002	1

Source: OECD analysis using National Establishment Time Series Database (Wall and Associates)

## Appendix II: Company Moves from Region

Company	Industry	Origin County	Destination State	Move Year	Move Emp
American Tradition Homes Ltd	Building Construction - General Contractors & Operative Builders	Deschutes	HI	1995	55
Weitech Inc	Electronic, Elctrcal Eqpmnt & Cmpnts, Excpt Computer Eqpmnt	Deschutes	FL	2003	52
Grace W R & Co Inc	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CO	1990	15
Victoria House Of Bend Inc	Social Services	Deschutes	CO	2004	13
Tonys Restaurant	Eating and Drinking Places	Deschutes	CA	2004	13
Sheep Mountain Cattle Co	Agricultural Production - Livestock and Animal Specialties	Crook	MT	1996	12
Industrial Roofing Inc	Construction - Special Trade Contractors	Deschutes	CA	2001	10
Circle K Store 1035	Food Stores	Deschutes	WA	1993	10
Apc-Onsite Inc	Wholesale Trade - Durable Goods	Deschutes	TN	1991	10
Vulcan Power Co	Construction - Special Trade Contractors	Deschutes	CA	1992	10
Ropaul Inc	Eating and Drinking Places	Deschutes	ID	2004	9
Wampler Byron A & Associates	Real Estate	Deschutes	AZ	1990	9
All Seasons Mortgage Srvs Inc	Nondepository Credit Institutions	Deschutes	WA	2004	9
Her Construction Company	Heavy Construction, Except Building Construction - Contractors	Crook	AK	1993	8
Tradewinds Unit Owners Assn	Membership Organizations	Jefferson	WA	1998	8
Preferred Technologies Inc	Wholesale Trade - Durable Goods	Deschutes	ID	2003	7
Communications Plus Inc	Home Furniture, Furnishings and Equipment Stores	Crook	PA	2003	6
K M X Corporation	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	VA	2003	6
Dissemination Inc	Business Services	Deschutes	NY	2001	6
High Plains Contractors	Building Construction - General Contractors & Operative Builders	Crook	WY	2004	5
Plaia Michael A Incorporated	Home Furniture, Furnishings and Equipment Stores	Deschutes	AZ	1995	5
Cascade Merwave Communications	Miscellaneous Repair Services	Deschutes	WA	1991	5
C L & M Produce Inc	Wholesale Trade - Nondurable Goods	Crook	ID	1994	4
F M C Logging Inc	Lumber and Wood Products, Except Furniture	Crook	AK	1996	4
Sunrise Ranches Llc	Agricultural Production - Livestock and Animal Specialties	Crook	UT	2004	4
Paramount Homes Inc	Building Matrials, Hrdwr, Garden Supply & Mobile Home Dealrs	Deschutes	VA	1997	4
Chadwicks Landscape	Agricultural Services	Deschutes	WA	2004	4
Bazzani & Associates Inc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	MI	1995	4
Maxcard Inc	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	VA	1992	4
Dalex Inc	Fabricated Metal Products, Except Machinery & Transportation Equipment	Deschutes	CA	1997	4
Good Gilly Miss Molly Hair Dsgn	Personal Services	Jefferson	HI	1999	4
Pasos Delcielo Ranch	Agricultural Production - Livestock and Animal Specialties	Deschutes	FL	2004	3
Black Diamond Outfitters	Business Services	Deschutes	WA	2002	3
Sabre Construction & Dev Co	Business Services	Deschutes	AZ	1990	3
Contractors Eqp Funding Llc	Security & Commodity Brokers, Dealers, Exchanges & Services	Deschutes	ID	2004	3
Information For Tomorrow	Business Services	Deschutes	MD	2000	3
Lw Hollister Cpa	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	2002	3
Shomeyer Corp	Miscellaneous Retail	Deschutes	MO	2002	3
Northern Lights Marketing Llc	Printing, Publishing and Allied Industries	Deschutes	CA	2003	3
Westbrook Homes Llc	Building Construction - General Contractors & Operative Builders	Deschutes	WA	2001	3
Motorcycle Accessory Warehouse	Miscellaneous Retail	Deschutes	CO	1992	3
Sailboards Maui Inc	Miscellaneous Manufacturing Industries	Deschutes	HI	1999	3
Ketcham Land Srvyors Hlcopters	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	NV	1990	3

Able Towing Service	Automotive Repair, Services and Parking	Deschutes	NV	1991	3
Mountain Home Enterprises Ltd	Miscellaneous Retail	Deschutes	IL	1992	3
Viplex Industries Inc	Building Construction - General Contractors & Operative Builders	Deschutes	CA	2004	3
Manes Jerry	Apparel and Accessory Stores	Deschutes	TX	1994	3
Cds Inc	Real Estate	Deschutes	WA	1994	3
Cool Runnings Rafting Inc	Amusement and Recreation Services	Deschutes	WV	2001	3
Kj Properties	Real Estate	Crook	AZ	2003	2
Stipe Engine Specialties	Automotive Repair, Services and Parking	Crook	WA	2002	2
Harder Nancy	Miscellaneous Retail	Crook	AZ	2004	2
Victorex	Business Services	Deschutes	NH	1997	2
Golf Getaways Ltd	Transportation Services	Deschutes	CA	1999	2
Brooks Hilton Homes Inc	Construction - Special Trade Contractors	Deschutes	CA	2004	2
Magnum Enterprises Ltd	Real Estate	Deschutes	AZ	1990	2
Wilderness Forge Llc	Fabricated Metal Products, Except Machinery & Transportation Equipment	Deschutes	UT	2003	2
Juanita Grin	Agricultural Production - Livestock and Animal Specialties	Deschutes	WA	2003	2
Jay Video Productions	Motion Pictures	Deschutes	CA	2003	2
Glessner Sales Incorporated	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	NC	2003	2
Hanson Investments Inc	Home Furniture, Furnishings and Equipment Stores	Deschutes	ID	2003	2
L & W Custom Saddles And Leads	Leather and Leather Products	Deschutes	ID	2004	2
Whidbey Island Percherons	Transportation Services	Deschutes	WA	2004	2
Arts Of West	Miscellaneous Retail	Deschutes	AZ	2003	2
Cal-Four Inc	Real Estate	Deschutes	CA	1994	2
Redmond Remodel Llc	Building Construction - General Contractors & Operative Builders	Deschutes	AZ	2004	2
Red Crown Engineering & Mfg	Electronic, Elctrel Eqpmnt & Cmpnts, Excpt Computer Eqpmnt	Deschutes	AZ	1991	2
Visual Relations	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	2004	2
Horizon Interprise	Construction - Special Trade Contractors	Deschutes	AK	2004	2
Baskets By Kat	Wholesale Trade - Nondurable Goods	Deschutes	UT	2004	2
Mcdarmed Scott A	Construction - Special Trade Contractors	Deschutes	CA	2003	2
Gh Multimedia Inc	Business Services	Deschutes	CA	2001	2
Stringer Properties	Real Estate	Deschutes	CA	2002	2
Enviro Wise	Business Services	Deschutes	TX	2004	2
Vintage Pine	Home Furniture, Furnishings and Equipment Stores	Deschutes	CA	2004	2
Expedition Solutions Llc	Business Services	Deschutes	CA	2004	2
Thompson Aero Products	Miscellaneous Retail	Deschutes	AR	1994	2
Riffel Adina A	Construction - Special Trade Contractors	Deschutes	CO	2002	2
Kirby Company Of Bend	Miscellaneous Retail	Deschutes	AZ	2002	2
Pacific Coach & Limousine	Local, Suburban Transit & Interurbn Hgwy Passenger Transport	Deschutes	UT	1991	2
Pacific Rim Builders	Building Construction - General Contractors & Operative Builders	Deschutes	WA	1991	2
Web-Wrights	Business Services	Deschutes	WA	2003	2
Stephenson Marketing	Business Services	Deschutes	NM	1997	2
Oak Knoll Consulting Llc	Business Services	Deschutes	TN	2004	2
Brock Building Co Inc	Building Construction - General Contractors & Operative Builders	Deschutes	HI	2004	2
Recycleit Corporation	Wholesale Trade - Durable Goods	Deschutes	CA	1995	2
Log Creations	Furniture and Fixtures	Deschutes	AZ	2001	2
Atwood Solutions	Business Services	Deschutes	WA	2002	2

Paterno Robert A	Business Services	Jefferson	WA	2002	2
K & M Discount	Miscellaneous Retail	Jefferson	WA	2003	2
I M Investments Inc	Holding and Other Investment Offices	Jefferson	AZ	2003	2
Welker Fencing	Construction - Special Trade Contractors	Crook	TX	2003	1
All Nations Christian Center	Membership Organizations	Crook	LA	2003	1
Phoebes	Miscellaneous Retail	Deschutes	CA	2003	1
Cmnty Engagement Inc	Nonclassifiable Establishments	Deschutes	AZ	2002	1
Holcomb Amy	Social Services	Deschutes	AZ	2003	1
Jacobs Michael L	Construction - Special Trade Contractors	Deschutes	AK	2001	1
Peters Randall B	Building Construction - General Contractors & Operative Builders	Deschutes	AZ	2004	1
Taulia Siaosi L	Construction - Special Trade Contractors	Deschutes	AZ	2000	1
Orion Farms	Agricultural Services	Deschutes	AZ	2004	1
Downing Rentals	Real Estate	Deschutes	CA	2002	1
Odaleys	Motor Freight Transportation	Deschutes	NV	2003	1
Cornerstone Business Services	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	WA	2003	1
Blanchard & Disc Grinding Inc	Industrial and Commercial Machinery and Computer Equipment	Deschutes	CA	2004	1
Kruesi Paul	Agricultural Production - Crops	Deschutes	TX	2002	1
Specialty Warehouse	Motor Freight Transportation	Deschutes	FL	2004	1
Grover Gordon K	Construction - Special Trade Contractors	Deschutes	ND	2002	1
Pine Eagle Construction	Building Construction - General Contractors & Operative Builders	Deschutes	MT	2003	1
New Land Acoustical	Construction - Special Trade Contractors	Deschutes	WA	2003	1
Gibb Cory	Construction - Special Trade Contractors	Deschutes	MT	2000	1
Tart Betty Tax Service	Personal Services	Deschutes	UT	2002	1
Walton William J Jr	Building Construction - General Contractors & Operative Builders	Deschutes	HI	2002	1
Hands From Heart	Miscellaneous Retail	Deschutes	UT	2003	1
Pett Frederick N	Construction - Special Trade Contractors	Deschutes	CA	2000	1
Windmill Express	Motor Freight Transportation	Deschutes	TX	2003	1
Wapato Properties	Real Estate	Deschutes	WA	2001	1
Magic Carpets Quality Clg Svc	Business Services	Deschutes	MD	2004	1
Mountaintop Creations	Business Services	Deschutes	ID	2004	1
Brower Specialty Const In	Building Construction - General Contractors & Operative Builders	Deschutes	NC	2003	1
Quartronic	Miscellaneous Repair Services	Deschutes	CA	2003	1
Joe Huntsinger Construction	Building Construction - General Contractors & Operative Builders	Deschutes	CA	2003	1
Heavy Horse Entertainment	Business Services	Deschutes	PA	2003	1
Bell Dana Massage Therapy	Personal Services	Deschutes	CO	2004	1
Taylor Construction	Building Construction - General Contractors & Operative Builders	Deschutes	MT	2004	1
Wheeler Vernon E	Building Construction - General Contractors & Operative Builders	Deschutes	ID	2003	1
Knemeyer Ian	Construction - Special Trade Contractors	Deschutes	AZ	2002	1
Tansy Patrick	Construction - Special Trade Contractors	Deschutes	CA	2003	1
Miller Stephen C	Construction - Special Trade Contractors	Deschutes	AK	2001	1
S&G Precision Builders	Building Construction - General Contractors & Operative Builders	Deschutes	AZ	2002	1
Designmedia	Business Services	Deschutes	CA	2004	1
Work Of Art	Health Services	Deschutes	CA	2004	1
Evans Dl Plumbing Inc	Construction - Special Trade Contractors	Deschutes	WA	2001	1
Gift Basket	Miscellaneous Retail	Deschutes	WA	1990	1
Mcdantim Inc	Fabricated Metal Products, Except Machinery & Transportation	Deschutes	MT	1996	1

	Equipment				
Hauser Snowboards Co	Miscellaneous Manufacturing Industries	Deschutes	WA	1993	1
Kustom Klips Pet Grooming	Agricultural Services	Deschutes	CA	2003	1
Gatton Construction Rex	Building Construction - General Contractors & Operative Builders	Deschutes	WA	2004	1
Aarons Plumbing Heating	Construction - Special Trade Contractors	Deschutes	NM	2003	1
Egleston Engineering	Industrial and Commercial Machinery and Computer Equipment	Deschutes	WA	1999	1
Kurt Lange Painting	Construction - Special Trade Contractors	Deschutes	CA	2004	1
Star Heavy Duty Inc	Wholesale Trade - Durable Goods	Deschutes	TX	2002	1
Affordable Auto Repair	Automotive Repair, Services and Parking	Jefferson	AZ	2003	1
Dennis Morgan Builder	Building Construction - General Contractors & Operative Builders	Jefferson	NV	2004	1
C&D Auto Transport	Motor Freight Transportation	Jefferson	NV	2004	1
Riedinger Robert	Business Services	Jefferson	CA	2001	1
Koning Marinus H Md Pc	Health Services	Deschutes	ME	1992	
W J Innovations Inc	Industrial and Commercial Machinery and Computer Equipment	Deschutes	WA	1994	
Corson Gale C Engineering	Engineering, Accounting, Research, Management & Related Svcs	Deschutes	CA	1992	

Source: OECD analysis using National Establishment Time Series database (Wall and Associates)