



THE ECONOMIC CONTRIBUTIONS OF OREGON'S PHYSICIAN PRACTICES

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EXECUTIVE SUMMARY

Studies have reported the importance of health care services for developing new industries, recruiting and retaining businesses, attracting new residents and supporting sustainable communities. Conversely, a shortage of health care professionals can compromise both access to health care and community economic well-being.

The supply of health care professionals in Oregon is not keeping pace with the demand created by a growing and aging population, an increase in the number of people living with chronic health conditions and the pending retirements of Oregon's health care providers. This growing shortage can adversely affect both access to health care services and community economies.

To inform public and private investments and community efforts in building, recruiting and retaining Oregon's physician workforce, this study estimates the economic contributions of physician practices to Oregon's 36 counties. An input-output economic model was used to estimate physician contributions to state and county employment, Gross Domestic Product (GDP) and taxes.

Data analysis shows that statewide in 2008, Oregon's physician practices contributed 242,084 total jobs, supported 11% of the state's labor market, added \$17.1 billion to the state's GDP, and generated \$1.46 billion in state and local taxes. At the county level per physician, the total jobs supported ranged from 12 to 48, the contribution to GDP ranged from \$800,000 to \$2.4 million and the state and local taxes generated ranged from \$60,000 to \$170,000.

A county that can attract and retain a physician creates an economic ripple-effect that generates millions of dollars and impacts residents, local businesses and local and state governments.

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INTRODUCTION

Studies have reported the importance of health care services, particularly in rural communities, for developing new industries, recruiting and retaining businesses, supporting residents and attracting newcomers (Doeksen & Schott, 2003; Doeksen, 2007; Eilrich, Doeksen, & St. Clair, 2007). Business leaders consider multiple factors in locating or expanding their businesses, including the availability of health care providers and the presence of a health care infrastructure (Industry Week, 2007). Access to health care services can support quality of life for employees and their families (McKethan, 2007).

Conversely, a shortage of health care providers can compromise both health and community economic well-being (Doeksen & Schott, 2003; Cooper, 2008). Oregon's health care workforce has not kept pace with the growing demand for health services. Population growth, an aging populationⁱ, an increase in the number of people living with chronic health care conditions, and an aging health care workforce are major factors contributing to the state's health care workforce shortage. Thirty-two of Oregon's 36 counties have some type of federal Primary Care Health Professional Shortage Area designation (Health Resources and Services Administration, 2010).ⁱⁱ These designations are based on a specific minimum population-to-primary care physician ratio ($\geq 3,500:1$) within geographically defined service areas, for population groups, or for qualified facilities (Salinsky, 2010).

Adding fuel to the current physician shortage are pending retirements of Oregon's older physicians. According to the 2010 Oregon Medical Board licensing database, the average age of Oregon's active physicians is between 49 and 50 years and nearly 20% are age 60 and older. A survey conducted in 2009 by the Oregon Department of Human Services found that in Eastern Oregon, 31% of the physicians were over age 60 and that 22% of the state's physicians had plans to retire within five years.

The Oregon Employment Department (2009) has forecasted a 24.4% increase in the number of physicians needed in Oregon between 2008 and 2018 due to job growth, with additional physicians needed to replace those who leave the profession. On average, this means 329 new physicians are needed annually just to fill these vacancies. This forecast does not take into account the physician workforce required for changes in the health care delivery system that may result through the implementation of health reform efforts.

While the shortage of physicians can adversely affect health care delivery, the economic contribution of physicians and their practice operations is an important aspect of community, workforce and economic development that must be considered in decisions regarding public and private investments to build, recruit and retain the physician workforce.

The purpose of this study is to measure the direct and indirect economic contributions of physician practices statewide and on each of Oregon's 36 county economies. This includes:

1. The employment contributions of physician practices.
2. The percent of jobs attributed to the economic contribution of physician practices.
3. The physician contribution to state and county Gross Domestic Product (GDP).
4. An estimate of the annual taxes paid to state and local governments through the total contribution of physicians and physician-related employment.

METHODS AND DATA

An input-output model is used to estimate the direct value added of physicians and physician-related employment in a county and the indirect and induced employment and value added effects supported by physicians in the county and by state (Doeksen & Schott, 2003).

Physician and physician-related employment figures are abstracted directly from administrative records provided by employers to the Oregon Employment Department (OED) as part of the state's unemployment insurance program. Employment figures reflect the annual average of monthly employment in 2008, as reported by employers. Direct employment includes all employees in offices of physicians, pharmacies and drugstores, home health care services, outpatient care centers, medical and diagnostic laboratories, other ambulatory health care services, hospitals, and nursing care facilities, all as categorized under the North American Industrial Classification System (NAICS). The small number of corporate officers at physician offices who opt out of unemployment insurance coverage were added as physician-related employment.

The number of pharmacy workers at general merchandise and grocery stores is not available through OED records. To identify pharmacy-related employment by county in those stores, a list of licensed pharmacies in Oregon was obtained from the Oregon Board of Pharmacy. Stores considered general merchandise or grocery stores under NAICS guidelines that have a licensed pharmacy (N=305) were contacted directly for the number of pharmacy workers they employed. Seventy-three percent of the stores responded and identified 1,589 additional pharmacy workers who were added as physician-related employment.

Physician data was obtained from the Oregon Medical Board's (OMB) June 2008 licensing database. The database identified 9,469 physicians who had an active license and listed an Oregon practice address. Physicians who had administrative, teleradiology or surgical assisting license limits were excluded from the count of active Oregon physicians. The county of practice was identified by the physicians' self-reported practice address listed in the OMB licensing database. No physician practice addresses were identified in Gilliam, Sherman or Wheeler Counties. It is noted here that a number of physicians may have an additional practice location in another Oregon county.

The statewide and county-specific physician and physician-related contributions to employment and value added contribution were estimated with IMPLAN

Version 3 models using 2008 data. IMPLAN is a widely used input-output modeling software developed by the Minnesota IMPLAN Group, Inc. (2009).

State and local tax estimates are derived directly from these models and are calculated based on a ratio to total value added. The tax ratio varies by county but not by industry (Olson, 1999).

The findings from the study show the estimated contributions of Oregon's physician practices to state and county employment, value added contribution (GDP) to state and county economies, and the annual taxes paid to state and local governments. By capturing county-level economic leakages in the state model and including employment data that cannot be attributed to a specific county, the findings reported for statewide data are larger than the cumulative total of the county findings.

ANALYSIS

Physician Contribution to Employment

Physicians and physician practices create jobs by employing staff, referring patients for treatment or diagnostic services provided by other local professionals, prescribing medicine that is purchased from a local pharmacy, and prescribing durable medical equipment that is available from a local supplier. Physicians contribute to employment at businesses that support physician practices, such as accounting firms, janitorial services and medical equipment suppliers. People who work at a physician practice or at a business directly supported by that practice, such as a pharmacy or medical supply firm, buy goods and services from local merchants and thus support another layer of the workforce. Grocery stores, auto mechanics, restaurants, clothing shops, insurance companies and so on are all affected by this ripple of economic activity.

Direct Employment. Direct employment represents the annual average employment of physicians and those who provide patient care under the

supervision or referral of physicians. This includes employment at physicians' offices, pharmacies, home health care services, outpatient care centers, medical and diagnostic labs, other ambulatory health care services, hospitals, and nursing care facilities. Employment figures include both full- and part-time workers. Statewide in 2008, Oregon's physicians contributed 131,866 jobs through direct employment.

According to the 2008 OMB physician licensing database, 36% of the state's physicians identified their practice address in Multnomah County, the most populous county in the state and home to eight acute care hospitals including a Veteran's Administration hospital and the state's only university-based medical school. Thus, it is not surprising that Multnomah had the highest number of jobs (42,422) resulting from physician practices (Table 1). Washington County was second with 13,334 direct jobs. Lane County ranked third with 12,260 direct jobs.

Actual employment data for Gilliam and Wheeler Counties was suppressed by the OED to protect confidentiality. Estimates of employment in those counties were derived from the IMPLAN model. Though the 2008 OMB physician licensing database showed no physicians with a practice address in these two counties, the number of direct jobs reported was a result of physician-related activity.

Table 1: Physician Contribution to Direct Employment by County

County	Count of Physicians	Direct Employment Contribution (# of Jobs)
Multnomah	3,453	42,422
Washington	1,105	13,334
Lane	802	12,260
Marion	640	10,547
Clackamas	760	9,731
Jackson	531	7,848
Deschutes	422	5,434
Douglas	198	3,625
Benton	212	2,992
Josephine	137	2,543
Coos	134	2,505
Yamhill	164	2,221
Linn	141	2,088
Klamath	129	1,963
Umatilla	101	1,639
Wasco	66	1,330
Clatsop	62	1,270
Lincoln	65	1,142
Malheur	57	1,120
Hood River	64	930
Polk	27	854
Union	45	660
Tillamook	28	492
Curry	20	418
Crook	17	390
Baker	22	380
Jefferson	17	293
Columbia	16	249
Lake	7	219
Wallowa	9	210
Grant	5	204
Harney	7	174
Morrow	6	144
Gilliam*	0	24
Wheeler*	0	12
Sherman	0	5

* Using 2008 IMPLAN estimates of employment.

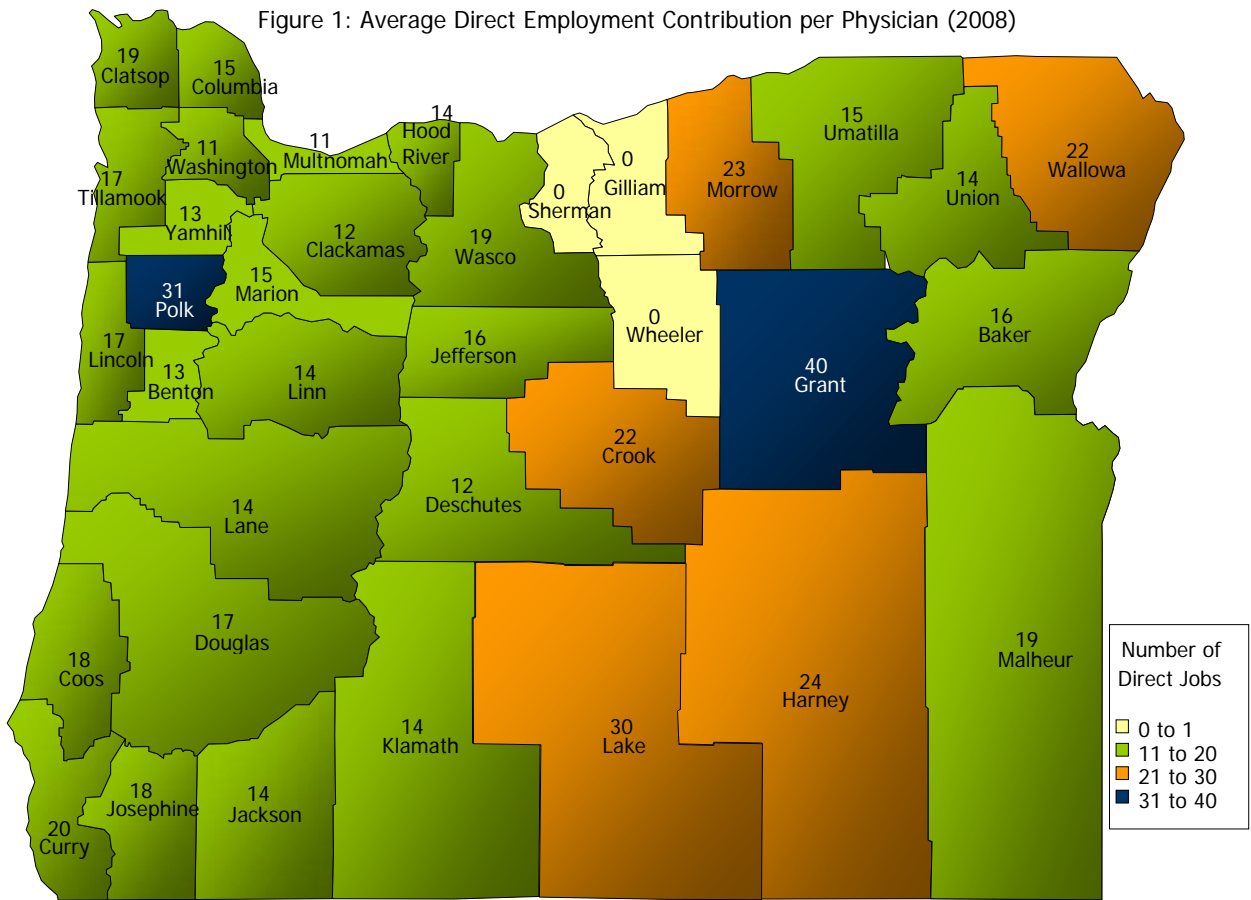
Data sources: Oregon Medical Board 2008 physician licensing database, Oregon Employment Department, and IMPLAN 2008 models of each county.

Average Direct Employment per Physician. Statewide on average, one physician contributed 13 direct jobs to the state’s labor market. Grant County ranked higher than any other county with an average of 40 direct jobs per physician (Figure 1). The 2008 OMB physician licensing database listed five physicians (four family practice physicians and one general surgeon) with practice addresses in Grant County.

The U.S. Census Bureau estimated Grant County’s population at 6,916 in 2008.

Twenty-two percent of the county’s residents are 65 years of age or older,

compared to 13% for the entire state. Twenty percent of the county’s population is under 18 years of age, compared to 23% for the state. The health care infrastructure includes two rural health clinics, a 25-bed critical access hospital, a 48-bed skilled nursing facility, and two licensed pharmacies.



Polk County physicians averaged 31 direct jobs per physician. The 2008 OMB physician licensing database listed 27 physicians with practice addresses in the county. Of those 27, 19 are primary care practitioners, including one pediatrician. Polk County’s 2008 population estimate was 77,074, of which 16% are 65 years of age or older and 22% are under age 18. Polk County’s health care infrastructure includes three Federally Qualified Health Clinics, a 25-bed critical

access hospital, two skilled nursing facilities with a total of 161 licensed beds, and 11 pharmacies.

Lake County physicians supported 30 direct jobs per physician on average. The 2008 OMB physician licensing database listed seven physicians in Lake County: six primary care providers and one emergency medicine physician. Lake County's 2008 population estimate was 7,239. The county has a higher percentage (21%) than the statewide average (13%) of persons 65 years of age and older. Lake County has a lower percentage of persons under 18 years of age (20%) than the statewide average (23%). The county has two rural health clinics, a 21-bed critical access hospital with a 47-bed skilled nursing facility, and four pharmacies included in its health care infrastructure.

Total Employment Contribution. The total employment contribution of physician practices is the direct employment estimate plus the economic ripples: the indirect and induced effects. These include employment at businesses providing goods and services to physician practices and physician-related firms, and employment supported by the household spending of physicians and their related and supported firms. Statewide, Oregon's physician practices contributed 242,084 total jobs.

As seen in Table 2, the 2008 OMB physician licensing database identified 3,453 physicians with practice addresses in Multnomah County. These physicians supported 58,283 direct and indirect jobs in Multnomah County's labor market. Washington County's physician practices supported 19,216 jobs in the county. Lane County physicians contributed 18,005 jobs to the county labor market. Marion County physician practices contributed 15,496 total jobs.

Table 2: Total Employment Contribution of Physician Practices by County

County	Count of Physicians	Total Employment Contribution (# of jobs)
Multnomah	3,453	58,283
Washington	1,105	19,216
Lane	802	18,005
Marion	640	15,496
Jackson	531	12,338
Clackamas	760	9,951
Deschutes	422	9,330
Douglas	198	4,463
Benton	212	3,576
Coos	134	3,559
Josephine	137	3,035
Klamath	129	2,784
Yamhill	164	2,585
Umatilla	101	2,288
Linn	141	2,175
Clatsop	62	1,921
Lincoln	65	1,806
Wasco	66	1,509
Hood River	64	1,292
Malheur	57	1,135
Polk	27	908
Union	45	900
Tillamook	28	695
Curry	20	554
Baker	22	510
Crook	17	396
Jefferson	17	341
Columbia	16	296
Lake	7	256
Wallowa	9	253
Grant	5	245
Harney	7	179
Morrow	6	144
Gilliam*	0	27
Wheeler*	0	14
Sherman	0	5

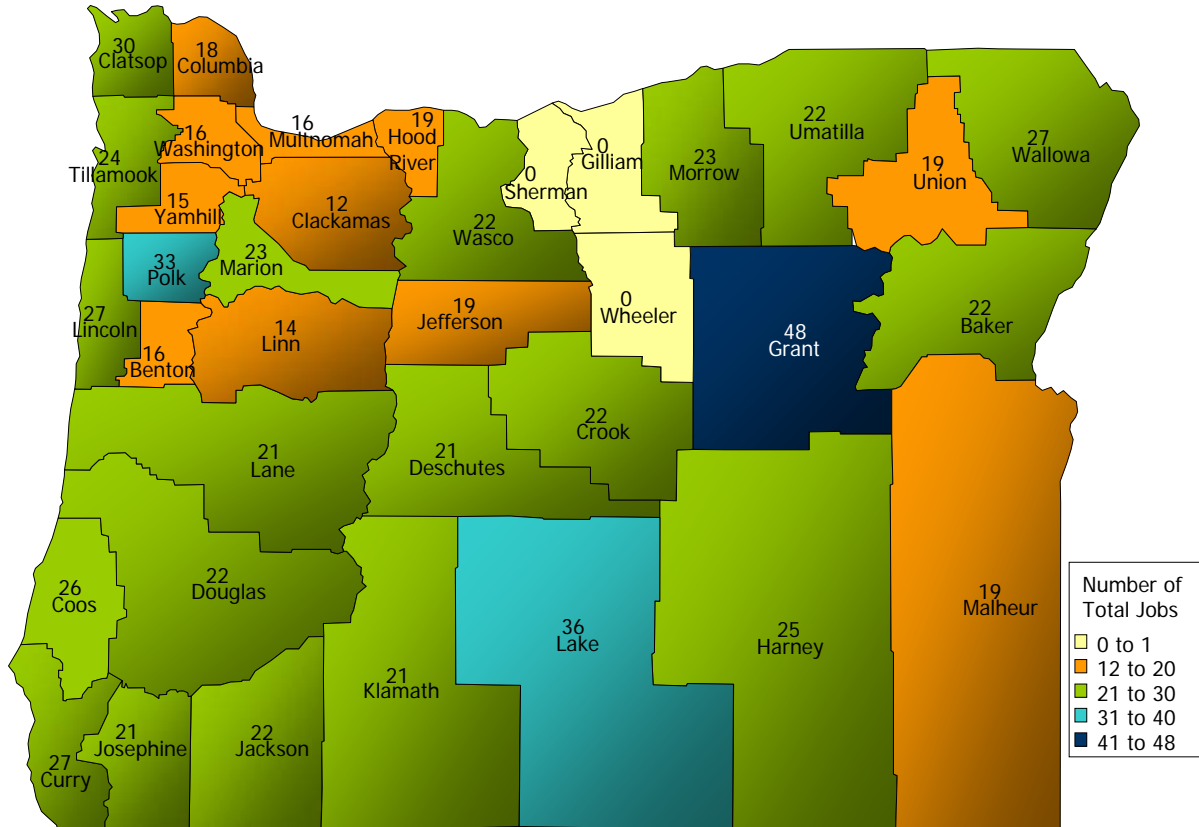
* Using 2008 IMPLAN estimates of employment.

Data sources: Oregon Medical Board 2008 physician licensing database and IMPLAN 2008 models of each county.

Total County Employment Contribution per Physician. Looking at the average number of direct and indirect jobs per physician, one physician contributed 25 total jobs on average to the state’s labor market.

In Grant County, a single physician supported 48 total jobs on average (Figure 2). In Lake County, a single physician supported 36 jobs on average. Polk County physicians contributed 33 jobs per physician on average.

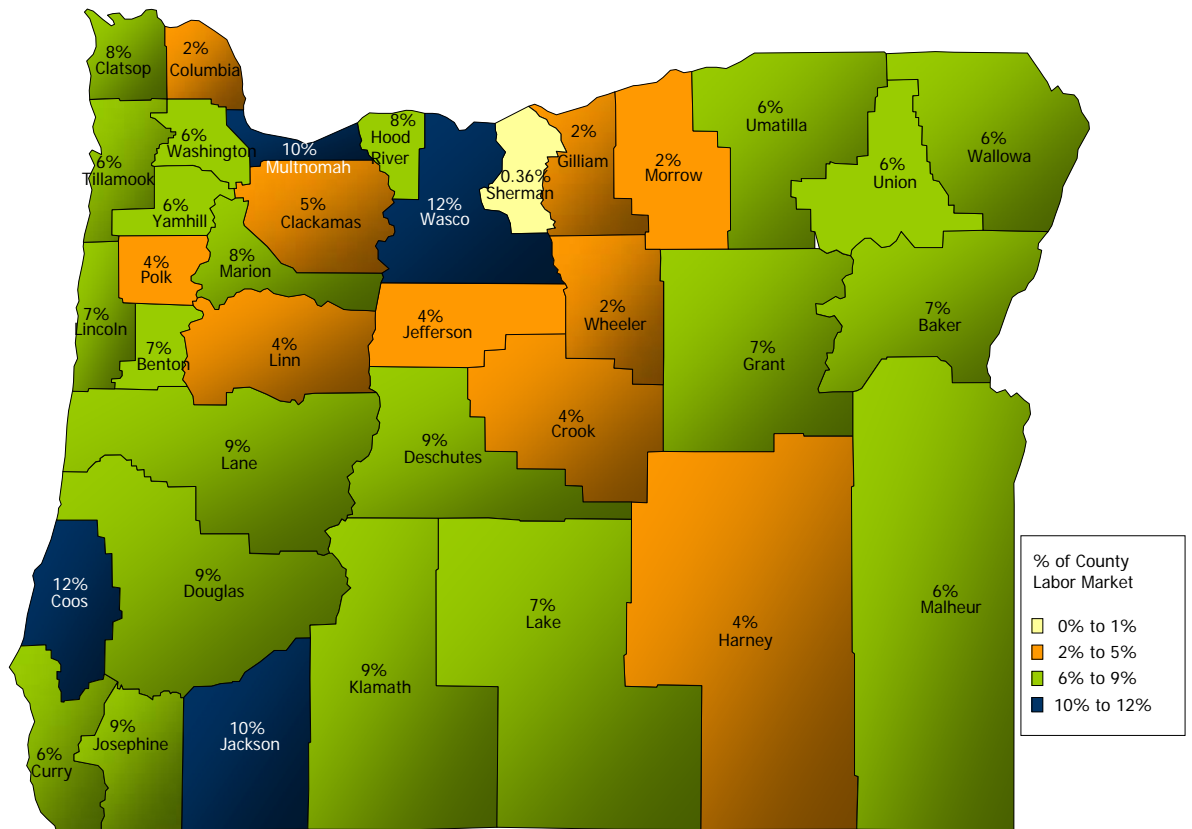
Figure 2: Average Total Employment Contribution per Physician (2008)



Percentage of Physician-Contributed Jobs in Labor Market. The physician-contributed share of jobs is the percentage of jobs in the county that are supported by physicians and physician-related employment. It is calculated by dividing the total employment contribution of physicians by the total number of jobs in the county, which includes part-time and full-time employees and the self-employed. Statewide, physician-contributed jobs totaled 11% of the state’s labor market.

Physician-contributed jobs play major roles in the economies of most Oregon counties (Figure 3). In two counties, Wasco and Coos, physician-contributed jobs made up 12% of the total county labor market. Physician-contributed jobs made up 10% of the labor market in Jackson and Multnomah and 9% in Deschutes, Lane, Douglas, Josephine, and Klamath Counties.

Figure 3: Percentage of Physician-Contributed Jobs in County Labor Market (2008)



Physician Contribution to Gross Domestic Product (GDP)

Total value added and contributed by physician practices is an estimate of the total employee compensation, proprietary income, other property income, and indirect business taxes earned or paid by physicians and physician-related firms, and businesses that support those firms plus businesses that provide goods and services to households with earnings from those firms and businesses.

A county's GDP is the sum of all value added within the county; therefore, the physician contributed total value added is the portion of county GDP attributed to physicians (Watson, Wilson, Thilmany & Winter, 2007).

Total Value Added Contribution. The federal Bureau of Economic Analysis (2010) estimated Oregon's 2008 GDP at \$161.6 billion. Statewide, physician economic activity contributed an estimated \$17.1 billion to, or nearly 11% of, the state's GDP in 2008. To some degree, all of Oregon's counties benefited from physician contribution to county GDP (Table 3).

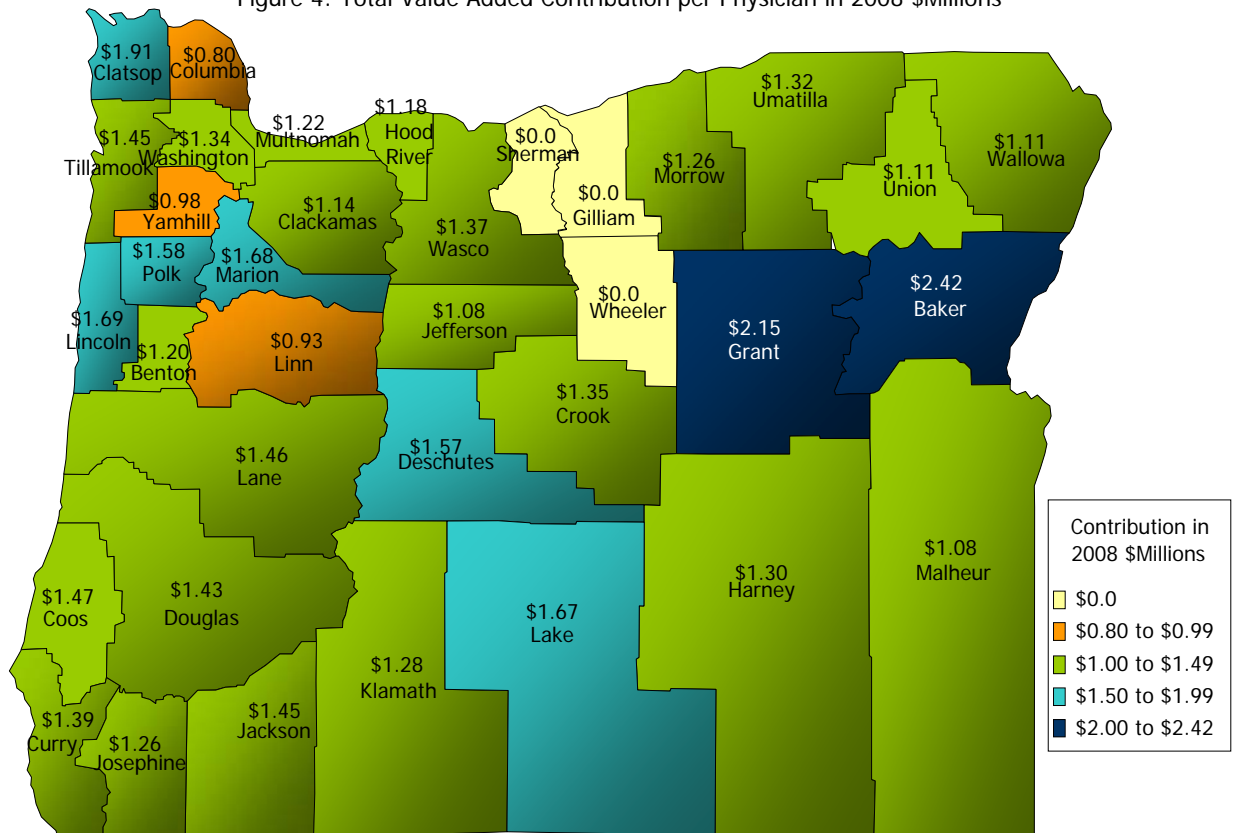
Table 3: Physician Contribution to County GDP (Total Value Added Contribution)

County	Count of Physicians	Total Value Added Contribution (2008 \$Millions)	Total Value Added Contribution per Physician (2008 \$Millions)
Multnomah	3,453	\$4,200.8	\$1.2
Washington	1,105	\$1,476.1	\$1.3
Lane	802	\$1,168.9	\$1.5
Marion	640	\$1,074.5	\$1.7
Clackamas	760	\$868.2	\$1.1
Jackson	531	\$770.6	\$1.5
Deschutes	422	\$664.3	\$1.6
Douglas	198	\$283.9	\$1.4
Benton	212	\$254.9	\$1.2
Coos	134	\$195.5	\$1.5
Josephine	137	\$172.1	\$1.3
Klamath	129	\$165.7	\$1.3
Yamhill	164	\$160.2	\$1.0
Umatilla	101	\$133.5	\$1.3
Linn	141	\$131.2	\$0.9
Clatsop	62	\$118.6	\$1.9
Lincoln	65	\$109.8	\$1.7
Wasco	66	\$90.2	\$1.4
Hood River	64	\$75.8	\$1.2
Malheur	57	\$61.6	\$1.1
Baker	22	\$53.3	\$2.4
Union	45	\$50.2	\$1.1
Polk	27	\$42.6	\$1.6
Tillamook	28	\$40.7	\$1.5
Curry	20	\$27.7	\$1.4
Crook	17	\$22.9	\$1.3
Jefferson	17	\$18.4	\$1.1
Columbia	16	\$12.9	\$0.8
Lake	7	\$11.7	\$1.7
Grant	5	\$10.8	\$2.2
Wallowa	9	\$10.0	\$1.1
Harney	7	\$9.1	\$1.3
Morrow	6	\$7.6	\$1.3
Gilliam	0	\$1.2	-
Wheeler	0	\$0.9	-
Sherman	0	\$0.1	-

Data sources: Oregon Medical Board 2008 physician licensing database and IMPLAN 2008 models of each county.

Per-Physician Contribution to GDP. The average statewide per physician contribution to the state’s GDP was \$1.8 million. In all but five counties, individual physician economic activity contributed \$1 million or more to county GDP (Figure 4). In two counties, the per-physician contribution to county GDP was over \$2 million. Baker County had the highest total value added contribution at \$2.42 million per physician. Grant County was second highest at \$2.15 million per physician, followed by Clatsop County at \$1.91 million per physician.

Figure 4: Total Value Added Contribution per Physician in 2008 \$Millions



Physician Contribution to State and Local Taxes

The study identified the estimated taxes paid to state and local governments through the total direct contribution of physicians and physician-related employment. This includes taxes paid on employee compensation, indirect business taxes, taxes paid by households, and taxes paid by corporations.

Statewide, the physician and physician-related employment contribution to state and local taxes was \$1.46 billion. Across Oregon's 36 counties, Multnomah County had the highest combined total estimated state and local tax contribution of physicians and physician-related employment at \$261.7 million (Table 4). Washington County had the second highest combined state and local tax contribution from physicians and physician-related employment at \$124.4 million. Lane County followed at \$86.56 million.

Table 4: Estimated State and Local Tax Contributions Related to Physicians

County	Count of Physicians	Estimated Tax Contribution Related to Physicians (2008 \$Millions)	Estimated Tax Contribution Related to Physicians per Physician (2008 \$Millions)
Multnomah	3,453	\$261.71	\$0.08
Washington	1,105	\$124.43	\$0.11
Lane	802	\$86.56	\$0.11
Marion	640	\$77.79	\$0.12
Clackamas	760	\$57.70	\$0.08
Jackson	531	\$56.55	\$0.11
Deschutes	422	\$52.62	\$0.12
Benton	212	\$17.69	\$0.08
Douglas	198	\$16.99	\$0.09
Coos	134	\$13.98	\$0.10
Yamhill	164	\$12.70	\$0.08
Josephine	137	\$11.52	\$0.08
Klamath	129	\$11.48	\$0.09
Clatsop	62	\$9.86	\$0.16
Umatilla	101	\$9.83	\$0.10
Lincoln	65	\$8.61	\$0.13
Linn	141	\$7.89	\$0.06
Wasco	66	\$6.01	\$0.09
Hood River	64	\$5.51	\$0.09
Malheur	57	\$3.69	\$0.06
Union	45	\$3.57	\$0.08
Polk	27	\$3.43	\$0.13
Baker	22	\$3.29	\$0.15
Tillamook	28	\$3.23	\$0.12
Curry	20	\$2.14	\$0.11
Columbia	16	\$1.80	\$0.11
Crook	17	\$1.37	\$0.08
Jefferson	17	\$1.17	\$0.07
Grant	5	\$0.84	\$0.17
Lake	7	\$0.82	\$0.12
Wallowa	9	\$0.68	\$0.08
Harney	7	\$0.58	\$0.08
Morrow	6	\$0.52	\$0.09
Gilliam	0	\$0.06	-
Wheeler	0	\$0.05	-
Sherman	0	\$0.00	-

Data sources: Oregon Medical Board 2008 physician licensing database and IMPLAN 2008 models of each county.

Dividing the estimated state and local tax contribution by the number of physicians provides an average per physician estimate of the tax contribution from physicians and physician-related employment. Statewide, the average estimated state and local tax contribution of physician-related employment per physicians was \$150,000. At the county level, the estimated state and local tax contribution attributed per physician ranged from \$60,000 to \$170,000 (Table 4).

On average in Grant County, a single physician supported 40 direct jobs and resulted in \$170,000 in 2008 state and local taxes as a result of this physician-related employment. In Clatsop County, a physician supported 19 direct jobs and generated \$160,000 in state and local taxes through physician-related employment. A Baker County physician supported 16 direct jobs and generated \$150,000 in state and local taxes from physician-related employment.

DISCUSSION

This study quantifies the economic contributions of physician practices to Oregon's county economies. Oregon's physicians not only provide health care services to the residents of their respective communities, they are also key economic drivers. These state and county-level findings inform the economic case for public and private investments and community engagement in building, recruiting and retaining Oregon's physician workforce.

Physician practices create jobs. Physicians and employees of physician-related firms use business revenue and household income to purchase goods and services locally. Similarly, physician referrals create a cumulative economic effect when patients fill prescriptions at a local pharmacy, obtain diagnostic services at a local medical laboratory, or receive treatment at a local hospital. The resulting multiplier effect of these economic transactions generates jobs, increases household incomes and state and local taxes, and keeps a large portion of the revenue generated by a physician practice in the county.

The loss of a physician not only affects health care access but may also affect a county economy, impacting jobs, businesses, county GDP, and tax revenue. These outcomes may particularly affect rural areas where fewer physicians practice. Additionally, as Eilrich, Doeksen, and St. Clair (2007) point out, residents who find it necessary to travel out of the county to obtain health care services may also use the opportunity to purchase goods and services that might otherwise be obtained locally.

A vibrant business sector, living-wage jobs and health care access are key elements to quality of life in a community and a sustainable economy. The presence of a physician's practice influences these elements. It is in a community's interest to understand the multiple contributions of a physician's practice and evaluate the advantage of community engagement in recruiting and retaining physicians.

ENDNOTES

- ⁱ In 2008, the Institute of Medicine's Committee on the Future Health Care Workforce for Older Americans found that adults 65 years of age and older make up 12% of the U.S. population and account for approximately 26% of all physician office visits and 35% of all hospital stays. Report available at http://www.nap.edu/catalog.php?record_id=12089.
- ⁱⁱ As of July 24, 2010, the federal Health Resources and Services Administration listed 102 primary care health professional shortage areas in Oregon, including 5 counties, 15 service areas, 26 population groups, and 56 facilities. Data available at http://ersrs.hrsa.gov/ReportServer?/HGDW_Reports/BCD_HPSA/BCD_HPSA_SCR50_Smry&rs:Format=HTML3.2.

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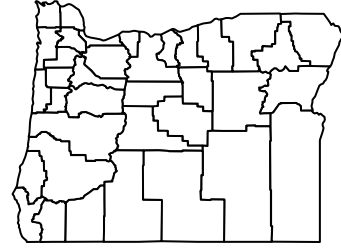
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Oregon Statewide Data



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with an Oregon practice address: 9,469

Jobs Attributed to Physician Practices (2008)

Direct employment/Number of jobs:	131,866
Direct jobs per physician:	13
Total job contribution:	242,084
Total job contribution per physician:	25
Total number of jobs in state labor market:	2,262,267
Physician contributed jobs share of state jobs:	11%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$17,069 billion
Total value added contribution per physician:	\$1.8 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians: \$1.463 billion

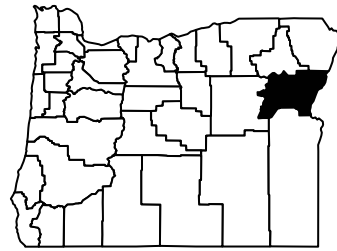
State Demographics

U.S. Census Bureau 2008 population estimate:	3,790,060
% of persons under 18 years old:	22.9%
% of persons 65 years old and over:	13.3%

Baker County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 22



Jobs Attributed to Physician Practices (2008)

Direct employment/Number of jobs:	380
Direct jobs per physician:	16
Total county job contribution:	510
Total county job contribution per physician:	22
Total number of jobs in county:	7,295
Physician contributed jobs share of county jobs:	7%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$53.3 million
Total value added contribution per physician:	\$2.4 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$3.29 million
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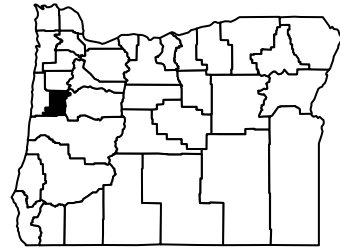
County Demographics

U.S. Census Bureau 2008 population estimate:	15,983
% of persons under 18 years old:	19.5%
% of persons 65 years old and over:	21.4%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	4

Benton County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 212



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	2,992
Direct jobs per physician:	13
Total county job contribution:	3,576
Total county job contribution per physician:	16
Total number of jobs in county:	49,686
Physician contributed jobs share of county jobs:	7%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$254.9 million
Total value added contribution per physician:	\$1.2 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$17.69 million
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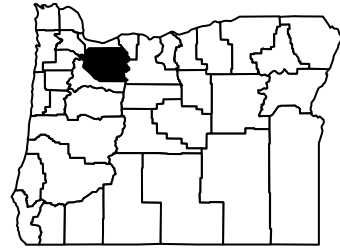
County Demographics

U.S. Census Bureau 2008 population estimate:	81,859
% of persons under 18 years old:	18.1%
% of persons 65 years old and over:	11.7%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	2
Number of Rural Health Clinics (DHS 9/11/09):	1

Clackamas County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 760



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	9,731
Direct jobs per physician:	12
Total county job contribution:	9,951
Total county job contribution per physician:	12
Total number of jobs in county:	213,549
Physician contributed jobs share of county jobs:	5%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$868.2 million
Total value added contribution per physician:	\$1.1 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$57.7 million
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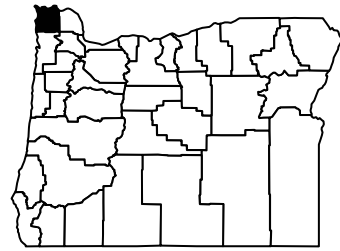
County Demographics

U.S. Census Bureau 2008 population estimate:	380,576
% of persons under 18 years old:	22.2%
% of persons 65 years old and over:	12.4%
Number of acute care hospitals:	3
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	0

Clatsop County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 62



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	1,270
Direct jobs per physician:	19
Total county job contribution:	1,921
Total county job contribution per physician:	30
Total number of jobs in county:	23,737
Physician contributed jobs share of county jobs:	8%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$118.6 million
Total value added contribution per physician:	\$1.9 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$9.86 million
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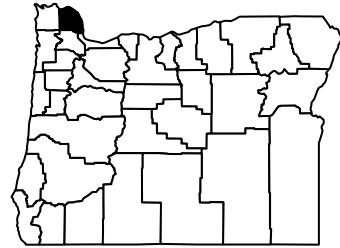
County Demographics

U.S. Census Bureau 2008 population estimate:	37,404
% of persons under 18 years old:	20.5%
% of persons 65 years old and over:	17.2%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	1

Columbia County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 16



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	249
Direct jobs per physician:	15
Total county job contribution:	296
Total county job contribution per physician:	18
Total number of jobs in county:	15,013
Physician contributed jobs share of county jobs:	2%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$12.9 million
Total value added contribution per physician:	\$.8 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$1.8 million
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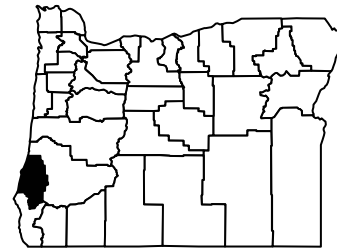
County Demographics

U.S. Census Bureau 2008 population estimate:	49,408
% of persons under 18 years old:	22.4%
% of persons 65 years old and over:	12.1%
Number of acute care hospitals:	0
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	2

Coos County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 134



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	2,505
Direct jobs per physician:	18
Total county job contribution:	3,559
Total county job contribution per physician:	26
Total number of jobs in county:	30,548
Physician contributed jobs share of county jobs:	12%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$195.5 million
Total value added contribution per physician:	\$1.5 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$13.98 million
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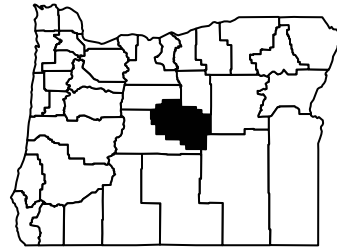
County Demographics

U.S. Census Bureau 2008 population estimate:	63,453
% of persons under 18 years old:	18.8%
% of persons 65 years old and over:	21.1%
Number of acute care hospitals:	3
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	0

Crook County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 17



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	390
Direct jobs per physician:	22
Total county job contribution:	396
Total county job contribution per physician:	22
Total number of jobs in county:	9,380
Physician contributed jobs share of county jobs:	4%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$22.9 million
Total value added contribution per physician:	\$1.3 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$1.37 million
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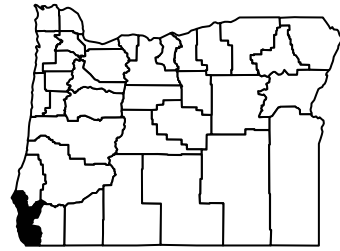
County Demographics

U.S. Census Bureau 2008 population estimate:	23,023
% of persons under 18 years old:	22.4%
% of persons 65 years old and over:	16.9%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	1

Curry County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 20



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	418
Direct jobs per physician:	20
Total county job contribution:	554
Total county job contribution per physician:	27
Total number of jobs in county:	9,890
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$27.7 million
Total value added contribution per physician:	\$1.4 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$2.14 million
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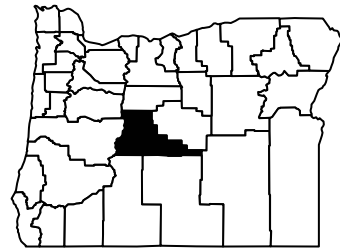
County Demographics

U.S. Census Bureau 2008 population estimate:	21,523
% of persons under 18 years old:	15.6%
% of persons 65 years old and over:	28.6%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	3

Deschutes County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 422



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	5,434
Direct jobs per physician:	12
Total county job contribution:	9,330
Total county job contribution per physician:	21
Total number of jobs in county:	98,276
Physician contributed jobs share of county jobs:	9%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$664.3 million
Total value added contribution per physician:	\$1.6 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$52.62 million
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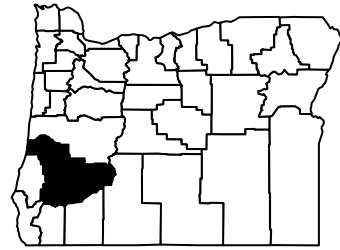
County Demographics

U.S. Census Bureau 2008 population estimate:	158,456
% of persons under 18 years old:	22%
% of persons 65 years old and over:	14.1%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	2
Number of Rural Health Clinics (DHS 9/11/09):	0

Douglas County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 198



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	3,625
Direct jobs per physician:	17
Total county job contribution:	4,463
Total county job contribution per physician:	22
Total number of jobs in county:	48,398
Physician contributed jobs share of county jobs:	9%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$283.9 million
Total value added contribution per physician:	\$1.4 million

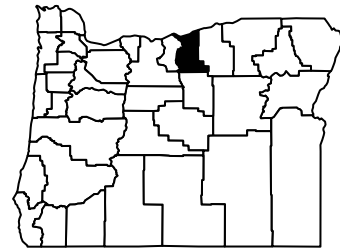
State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$16.99 million
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County Demographics

U.S. Census Bureau 2008 population estimate:	104,059
% of persons under 18 years old:	20.2%
% of persons 65 years old and over:	20.8%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	3
Number of Rural Health Clinics (DHS 9/11/09):	3

Gilliam County



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 0

Jobs Attributed to Physician Practices

Direct employment/Number of jobs: 24
Direct jobs per physician: N/A
Total county job contribution: 27
Total county job contribution per physician: N/A
Total number of jobs in county: 1,646
Physician contributed jobs share of county jobs: 2%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution: \$1.2 million
Total value added contribution per physician: N/A

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians: \$.06 million

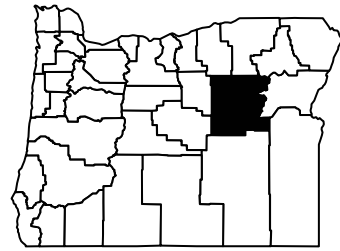
County Demographics

U.S. Census Bureau 2008 population estimate: 1,747
% of persons under 18 years old: 16.9%
% of persons 65 years old and over: 24.7%
Number of acute care hospitals: 0
Number of Federally Qualified Health Clinics (DHS 6/25/09): 0
Number of Rural Health Clinics (DHS 9/11/09): 1

Grant County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 5



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	204
Direct jobs per physician:	40
Total county job contribution:	245
Total county job contribution per physician:	48
Total number of jobs in county:	3,393
Physician contributed jobs share of county jobs:	7%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$10.8 million
Total value added contribution per physician:	\$2.2 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$.84 million
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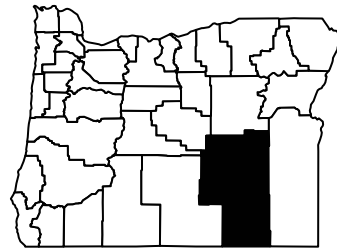
County Demographics

U.S. Census Bureau 2008 population estimate:	6,916
% of persons under 18 years old:	19.6%
% of persons 65 years old and over:	22.4%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	2

Harney County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 7



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	174
Direct jobs per physician:	24
Total county job contribution:	179
Total county job contribution per physician:	25
Total number of jobs in county:	4,196
Physician contributed jobs share of county jobs:	4%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$9.1 million
Total value added contribution per physician:	\$1.3 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$.58 million
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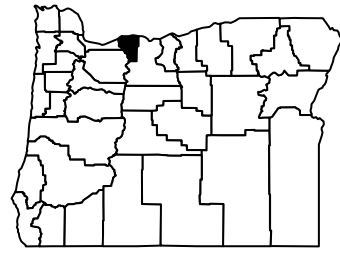
County Demographics

U.S. Census Bureau 2008 population estimate:	6,747
% of persons under 18 years old:	22.1%
% of persons 65 years old and over:	19.3%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	0

Hood River County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 64



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	930
Direct jobs per physician:	14
Total county job contribution:	1,292
Total county job contribution per physician:	19
Total number of jobs in county:	15,764
Physician contributed jobs share of county jobs:	8%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$75.8 million
Total value added contribution per physician:	\$1.2 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$5.51 million
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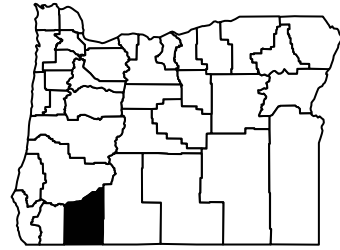
County Demographics

U.S. Census Bureau 2008 population estimate:	21,536
% of persons under 18 years old:	25.7%
% of persons 65 years old and over:	12.6%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	2
Number of Rural Health Clinics (DHS 9/11/09):	0

Jackson County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 531



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	7,848
Direct jobs per physician:	14
Total county job contribution:	12,338
Total county job contribution per physician:	22
Total number of jobs in county:	122,501
Physician contributed jobs share of county jobs:	10%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$770.6 million
Total value added contribution per physician:	\$1.5 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$56.55 million
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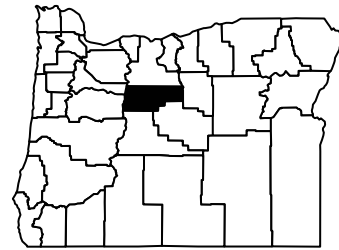
County Demographics

U.S. Census Bureau 2008 population estimate:	201,138
% of persons under 18 years old:	21.4%
% of persons 65 years old and over:	17.1%
Number of acute care hospitals:	3
Number of Federally Qualified Health Clinics (DHS 6/25/09):	4
Number of Rural Health Clinics (DHS 9/11/09):	2

Jefferson County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 17



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	293
Direct jobs per physician:	16
Total county job contribution:	341
Total county job contribution per physician:	19
Total number of jobs in county:	8,134
Physician contributed jobs share of county jobs:	4%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$18.4 million
Total value added contribution per physician:	\$1.1 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$1.17 million
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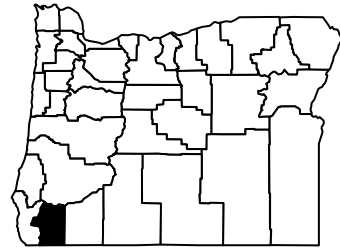
County Demographics

U.S. Census Bureau 2008 population estimate:	20,512
% of persons under 18 years old:	27.5%
% of persons 65 years old and over:	13.3%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	1

Josephine County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 137



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	2,543
Direct jobs per physician:	18
Total county job contribution:	3,035
Total county job contribution per physician:	21
Total number of jobs in county:	34,637
Physician contributed jobs share of county jobs:	9%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$172.1 million
Total value added contribution per physician:	\$1.3 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$11.52 million
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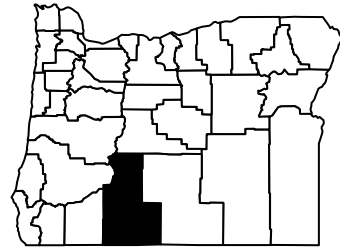
County Demographics

U.S. Census Bureau 2008 population estimate:	81,618
% of persons under 18 years old:	20.1%
% of persons 65 years old and over:	21.4%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	3
Number of Rural Health Clinics (DHS 9/11/09):	2

Klamath County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 129



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	1,963
Direct jobs per physician:	14
Total county job contribution:	2,784
Total county job contribution per physician:	21
Total number of jobs in county:	32,284
Physician contributed jobs share of county jobs:	9%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$165.7 million
Total value added contribution per physician:	\$1.3 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$11.48 million
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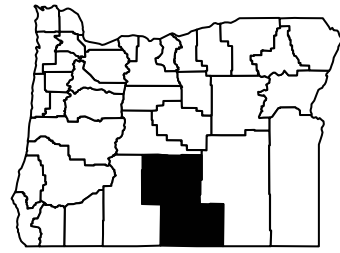
County Demographics

U.S. Census Bureau 2008 population estimate:	66,425
% of persons under 18 years old:	23.2%
% of persons 65 years old and over:	15.9%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	3
Number of Rural Health Clinics (DHS 9/11/09):	0

Lake County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 7



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	219
Direct jobs per physician:	30
Total county job contribution:	256
Total county job contribution per physician:	36
Total number of jobs in county:	3,744
Physician contributed jobs share of county jobs:	7%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$11.7 million
Total value added contribution per physician:	\$1.7 million

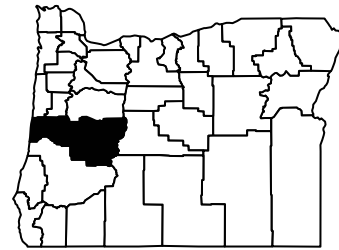
State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$.82 million
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County Demographics

U.S. Census Bureau 2008 population estimate:	7,239
% of persons under 18 years old:	19.5%
% of persons 65 years old and over:	20.5%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	2

Lane County



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 802

Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	12,260
Direct jobs per physician:	14
Total county job contribution:	18,005
Total county job contribution per physician:	21
Total number of jobs in county:	194,279
Physician contributed jobs share of county jobs:	9%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$1.17 billion
Total value added contribution per physician:	\$1.5 million

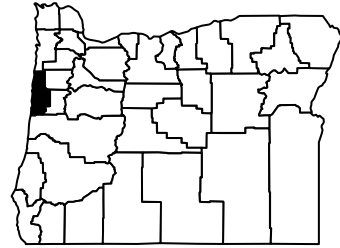
State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians: \$86.56 million

County Demographics

U.S. Census Bureau 2008 population estimate:	346,560
% of persons under 18 years old:	20%
% of persons 65 years old and over:	14.3%
Number of acute care hospitals:	5
Number of Federally Qualified Health Clinics (DHS 6/25/09):	6
Number of Rural Health Clinics (DHS 9/11/09):	2

Lincoln County



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 65

Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	1,142
Direct jobs per physician:	17
Total county job contribution:	1,806
Total county job contribution per physician:	27
Total number of jobs in county:	26,680
Physician contributed jobs share of county jobs:	7%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$109.8 million
Total value added contribution per physician:	\$1.7 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$8.61 million
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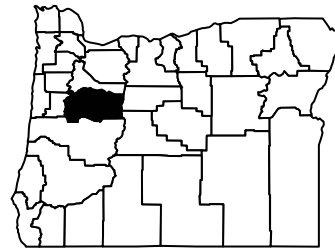
County Demographics

U.S. Census Bureau 2008 population estimate:	45,946
% of persons under 18 years old:	18.9%
% of persons 65 years old and over:	19.7%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	2
Number of Rural Health Clinics (DHS 9/11/09):	3

Linn County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 141



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	2,088
Direct jobs per physician:	14
Total county job contribution:	2,175
Total county job contribution per physician:	14
Total number of jobs in county:	54,189
Physician contributed jobs share of county jobs:	4%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$131.2 million
Total value added contribution per physician:	\$.9 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$7.89 million
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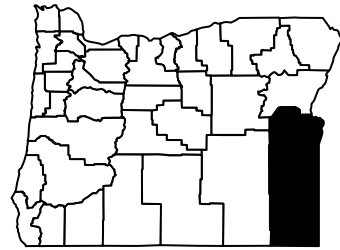
County Demographics

U.S. Census Bureau 2008 population estimate:	115,348
% of persons under 18 years old:	23.6%
% of persons 65 years old and over:	15.3%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	0

Malheur County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 57



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	1,120
Direct jobs per physician:	19
Total county job contribution:	1,135
Total county job contribution per physician:	19
Total number of jobs in county:	18,300
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$61.6 million
Total value added contribution per physician:	\$1.1 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$3.69 million
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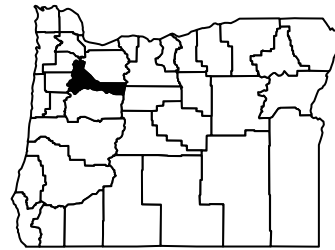
County Demographics

U.S. Census Bureau 2008 population estimate:	30,907
% of persons under 18 years old:	25.6%
% of persons 65 years old and over:	14.7%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	3
Number of Rural Health Clinics (DHS 9/11/09):	3

Marion County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 640



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	10,547
Direct jobs per physician:	15
Total county job contribution:	15,496
Total county job contribution per physician:	23
Total number of jobs in county:	188,945
Physician contributed jobs share of county jobs:	8%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$1.07 billion
Total value added contribution per physician:	\$1.7 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$77.79 million
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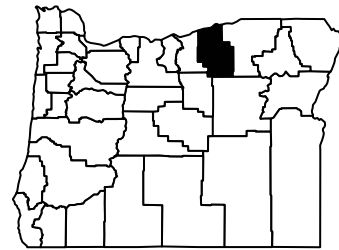
County Demographics

U.S. Census Bureau 2008 population estimate:	314,606
% of persons under 18 years old:	26.6%
% of persons 65 years old and over:	12.2%
Number of acute care hospitals:	3
Number of Federally Qualified Health Clinics (DHS 6/25/09):	3
Number of Rural Health Clinics (DHS 9/11/09):	3

Morrow County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 6



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	144
Direct jobs per physician:	23
Total county job contribution:	144
Total county job contribution per physician:	23
Total number of jobs in county:	5,865
Physician contributed jobs share of county jobs:	2%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$7.6 million
Total value added contribution per physician:	\$1.3 million

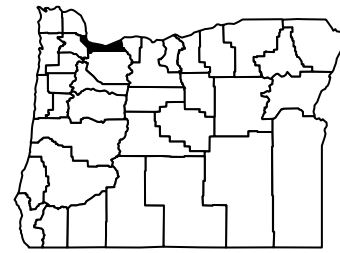
State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$.52 million
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County Demographics

U.S. Census Bureau 2008 population estimate:	11,140
% of persons under 18 years old:	28.4%
% of persons 65 years old and over:	11.9%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	2

Multnomah County



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 3,453

Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	42,422
Direct jobs per physician:	11
Total county job contribution:	58,283
Total county job contribution per physician:	16
Total number of jobs in county:	593,391
Physician contributed jobs share of county jobs:	10%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$4.2 billion
Total value added contribution per physician:	\$1.2 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:..... \$261.71 million

County Demographics

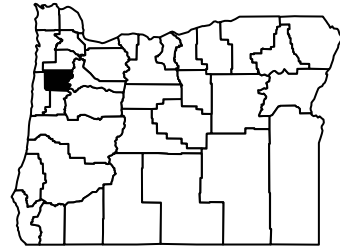
U.S. Census Bureau 2008 population estimate:	714,567
% of persons under 18 years old:	23%
% of persons 65 years old and over:	10.2%
Number of acute care hospitals:	7*
Number of Federally Qualified Health Clinics (DHS 6/25/09):	37
Number of Rural Health Clinics (DHS 9/11/09):	0

*Does not include federal Veterans Administration hospital

Polk County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 27



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	854
Direct jobs per physician:	31
Total county job contribution:	908
Total county job contribution per physician:	33
Total number of jobs in county:	24,446
Physician contributed jobs share of county jobs:	4%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$42.6 million
Total value added contribution per physician:	\$1.6 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$3.43 million
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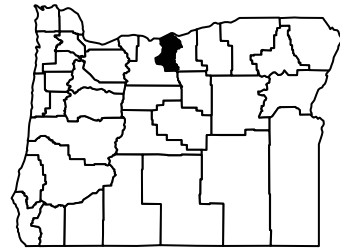
County Demographics

U.S. Census Bureau 2008 population estimate:	77,074
% of persons under 18 years old:	21.6%
% of persons 65 years old and over:	16.2%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	3
Number of Rural Health Clinics (DHS 9/11/09):	0

Sherman County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 0



Jobs Attributed to Physician Practices

Direct employment/Number of jobs: 5
Direct jobs per physician: N/A
Total county job contribution: 5
Total county job contribution per physician: N/A
Total number of jobs in county: 1,396
Physician contributed jobs share of county jobs: 0%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution: \$.1 million
Total value added contribution per physician: N/A

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians: \$0

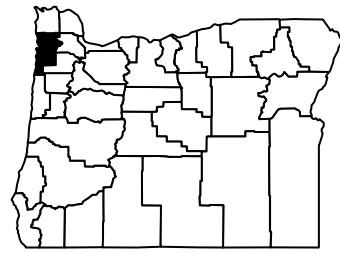
County Demographics

U.S. Census Bureau 2008 population estimate: 1,638
% of persons under 18 years old: 17.3%
% of persons 65 years old and over: 21.1%
Number of acute care hospitals: 0
Number of Federally Qualified Health Clinics (DHS 6/25/09): 0
Number of Rural Health Clinics (DHS 9/11/09): 1

Tillamook County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 28



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	492
Direct jobs per physician:	17
Total county job contribution:	695
Total county job contribution per physician:	24
Total number of jobs in county:	12,374
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$40.7 million
Total value added contribution per physician:	\$1.5 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$3.23 million
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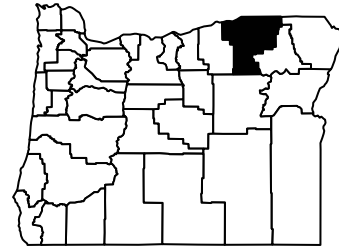
County Demographics

U.S. Census Bureau 2008 population estimate:	24,927
% of persons under 18 years old:	20.1%
% of persons 65 years old and over:	19.6%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	4
Number of Rural Health Clinics (DHS 9/11/09):	2

Umatilla County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 101



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	1,639
Direct jobs per physician:	15
Total county job contribution:	2,288
Total county job contribution per physician:	22
Total number of jobs in county:	39,587
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$133.5 million
Total value added contribution per physician:	\$1.3 million

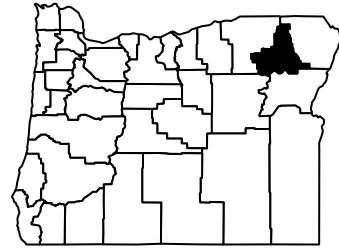
State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$9.83 million
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County Demographics

U.S. Census Bureau 2008 population estimate:	73,526
% of persons under 18 years old:	25.9%
% of persons 65 years old and over:	12.6%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	7

Union County



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 45

Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	660
Direct jobs per physician:	14
Total county job contribution:	900
Total county job contribution per physician:	19
Total number of jobs in county:	14,086
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$50.2 million
Total value added contribution per physician:	\$1.1 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$3.57 million
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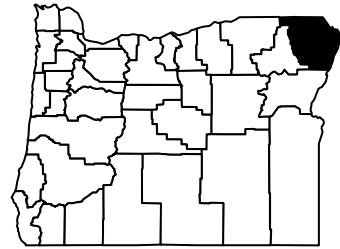
County Demographics

U.S. Census Bureau 2008 population estimate:	24,961
% of persons under 18 years old:	21.8%
% of persons 65 years old and over:	15.5%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	2

Wallowa County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 9



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	210
Direct jobs per physician:	22
Total county job contribution:	253
Total county job contribution per physician:	27
Total number of jobs in county:	4,390
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$10 million
Total value added contribution per physician:	\$1.1 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$.68 million
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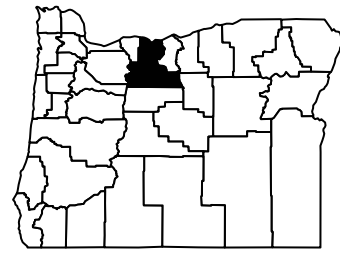
County Demographics

U.S. Census Bureau 2008 population estimate:	6,760
% of persons under 18 years old:	18.1%
% of persons 65 years old and over:	22.3%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	0
Number of Rural Health Clinics (DHS 9/11/09):	2

Wasco County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 66



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	1,330
Direct jobs per physician:	19
Total county job contribution:	1,509
Total county job contribution per physician:	22
Total number of jobs in county:	12,477
Physician contributed jobs share of county jobs:	12%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$90.2 million
Total value added contribution per physician:	\$1.4 million

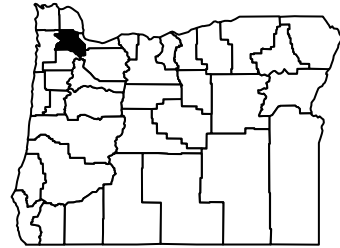
State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$6.01 million
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County Demographics

U.S. Census Bureau 2008 population estimate:	23,775
% of persons under 18 years old:	22.9%
% of persons 65 years old and over:	17.6%
Number of acute care hospitals:	1
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	6

Washington County



Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 1,105

Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	13,334
Direct jobs per physician:	11
Total county job contribution:	19,216
Total county job contribution per physician:	16
Total number of jobs in county:	298,252
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$1.48 billion
Total value added contribution per physician:	\$1.3 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians: \$124.43 million

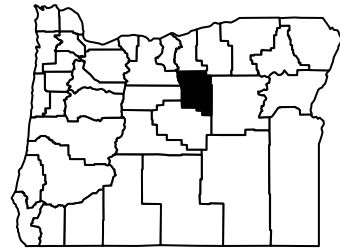
County Demographics

U.S. Census Bureau 2008 population estimate:	529,216
% of persons under 18 years old:	26.1%
% of persons 65 years old and over:	9.3%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	5
Number of Rural Health Clinics (DHS 9/11/09):	0

Wheeler County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 0



Jobs Attributed to Physician Practices

Direct employment/Number of jobs: 12
Direct jobs per physician: N/A
Total county job contribution: 14
Total county job contribution per physician: N/A
Total number of jobs in county: 636
Physician contributed jobs share of county jobs: 2%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution: \$.9 million
Total value added contribution per physician: N/A

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians: \$.05 million

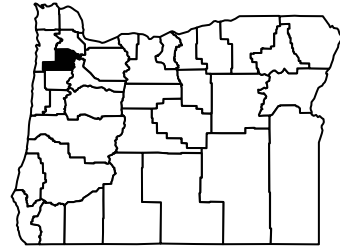
County Demographics

U.S. Census Bureau 2008 population estimate: 1,319
% of persons under 18 years old: 15.8%
% of persons 65 years old and over: 19.9%
Number of acute care hospitals: 0
Number of Federally Qualified Health Clinics (DHS 6/25/09): 2
Number of Rural Health Clinics (DHS 9/11/09): 0

Yamhill County

Physicians (2008 Oregon Medical Board licensing database)

Number of physicians with practice address in county: 164



Jobs Attributed to Physician Practices

Direct employment/Number of jobs:	2,221
Direct jobs per physician:	13
Total county job contribution:	2,585
Total county job contribution per physician:	15
Total number of jobs in county:	41,747
Physician contributed jobs share of county jobs:	6%

Total Value Added Contribution

(Estimate of the total employee compensation, proprietary and property income, and indirect taxes earned or paid by physicians and physician-related firms in 2008 dollars which could be considered physicians' contribution to a county's GDP.)

Total value added contribution:	\$160.2 million
Total value added contribution per physician:	\$1 million

State and Local Tax Contribution (2008 dollars)

Estimated state and local tax contribution related to physicians:	\$12.7 million
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County Demographics

U.S. Census Bureau 2008 population estimate:	98,168
% of persons under 18 years old:	23.8%
% of persons 65 years old and over:	12%
Number of acute care hospitals:	2
Number of Federally Qualified Health Clinics (DHS 6/25/09):	1
Number of Rural Health Clinics (DHS 9/11/09):	0

Advancing Solutions

Developed out of an initiative from the Governor's office and sustained by dedicated health care, education and business professionals from private industry and the public sector, the Oregon Healthcare Workforce Institute exists to advance a comprehensive statewide response to Oregon's health care workforce needs.

At the nexus of health care, education and workforce development arenas, the Oregon Healthcare Workforce Institute promotes existing endeavors and harnesses Oregon's collaborative spirit and tradition of innovation to develop sustainable health care workforce solutions.

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