

APPENDIX A: ECONOMIC FORECAST DETAIL

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Table A.1 – Employment Forecast Tracking

**Total Nonfarm Employment, 2nd quarter 2017**

(Employment in thousands, Annualized Percent Change)

	Preliminary Estimate		Forecast		Forecast Error		Y/Y Change
	level	% ch	level	% ch	level	%	% ch
<b>Total Nonfarm</b>	1,866.7	2.2	1,862.3	2.6	4.3	0.2	2.1
<b>Total Private</b>	1,558.3	2.6	1,552.3	2.6	6.0	0.4	2.4
<b>Mining and Logging</b>	7.6	(0.1)	7.7	9.0	(0.1)	(0.8)	(1.2)
<b>Construction</b>	97.3	11.1	95.2	3.4	2.1	2.2	8.8
<b>Manufacturing</b>	190.2	1.9	190.0	1.3	0.2	0.1	1.0
<b>Durable Goods</b>	132.1	2.0	131.7	1.1	0.4	0.3	0.5
<b>Wood Product</b>	23.0	0.9	23.0	1.0	(0.1)	(0.3)	1.1
<b>Metals and Machinery</b>	37.0	3.1	36.9	0.8	0.1	0.3	1.1
<b>Computer and Electronic Product</b>	37.5	(0.5)	37.9	1.2	(0.4)	(1.1)	(3.0)
<b>Transportation Equipment</b>	12.0	2.6	12.0	(0.8)	0.1	0.7	(0.3)
<b>Other Durable Goods</b>	22.6	5.5	21.9	2.4	0.7	3.4	5.8
<b>Nondurable Goods</b>	58.1	1.8	58.3	1.8	(0.2)	(0.4)	2.0
<b>Food</b>	30.0	1.8	29.9	0.9	0.1	0.5	2.6
<b>Other Nondurable Goods</b>	28.1	1.7	28.5	2.8	(0.4)	(1.3)	1.5
<b>Trade, Transportation &amp; Utilities</b>	346.9	0.9	345.1	1.6	1.8	0.5	1.7
<b>Retail Trade</b>	207.2	0.1	206.6	1.9	0.6	0.3	0.9
<b>Wholesale Trade</b>	76.3	0.1	76.3	2.5	(0.0)	(0.0)	0.9
<b>Transportation, Warehousing &amp; Utilities</b>	63.4	4.3	62.2	(0.3)	1.2	2.0	5.5
<b>Information</b>	33.3	(4.7)	33.5	2.9	(0.2)	(0.5)	(0.5)
<b>Financial Activities</b>	97.5	(1.4)	97.5	1.2	(0.0)	(0.1)	1.1
<b>Professional &amp; Business Services</b>	243.8	5.0	242.2	5.7	1.5	0.6	2.4
<b>Educational &amp; Health Services</b>	273.0	2.5	273.0	2.7	(0.1)	(0.0)	3.0
<b>Educational Services</b>	35.7	2.5	35.5	0.7	0.2	0.5	0.7
<b>Health Services</b>	237.2	2.5	237.5	3.0	(0.3)	(0.1)	3.4
<b>Leisure and Hospitality</b>	204.3	3.0	203.7	2.7	0.5	0.3	2.5
<b>Other Services</b>	64.5	1.9	64.3	0.6	0.2	0.2	1.4
<b>Government</b>	308.4	0.3	310.1	2.5	(1.7)	(0.5)	0.9
<b>Federal</b>	28.4	3.2	27.8	(0.4)	0.6	2.3	0.4
<b>State</b>	53.6	(13.2)	56.1	4.9	(2.5)	(4.4)	1.8
<b>State Education</b>	0.6	(60.2)	0.8	50.4	(0.2)	(27.3)	3.9
<b>Local</b>	226.3	3.5	226.2	2.3	0.2	0.1	0.7
<b>Local Education</b>	134.0	7.5	133.5	4.9	0.6	0.4	0.7

Table A.2 – Short-Term Oregon Economic Summary

	Quarterly					Annual					
	2017:2	2017:3	2017:4	2018:1	2018:2	2016	2017	2018	2019	2020	2021
<b>Personal Income (\$ billions)</b>											
<b>Nominal Personal Income</b>	191.2	193.7	196.5	199.3	202.0	184.3	192.4	203.4	214.9	226.7	238.0
% change	6.0	5.2	5.9	6.0	5.5	4.5	4.4	5.7	5.6	5.5	5.0
<b>Real Personal Income (base year=2005)</b>	170.4	172.1	173.9	175.9	177.7	166.5	171.1	178.6	185.4	191.2	196.2
% change	5.8	3.9	4.4	4.7	4.1	3.4	2.8	4.4	3.8	3.1	2.6
<b>Nominal Wages and Salaries</b>	100.5	102.0	103.7	105.3	107.0	96.6	101.2	107.7	113.9	119.8	125.7
% change	8.1	6.3	6.6	6.6	6.3	6.1	4.7	6.5	5.7	5.2	4.9
<b>Other Indicators</b>											
<b>Per Capita Income (\$1,000)</b>	46.2	46.6	47.1	47.7	48.2	45.1	46.4	48.4	50.5	52.6	54.5
% change	4.4	3.5	4.6	4.7	4.1	2.9	2.9	4.3	4.2	4.2	3.8
<b>Average Wage rate (\$1,000)</b>	53.4	53.8	54.4	55.0	55.6	52.2	53.6	55.8	58.2	60.6	63.1
% change	6.2	3.4	4.2	4.3	4.3	3.1	2.5	4.2	4.2	4.2	4.1
<b>Population (Millions)</b>	4.1	4.2	4.2	4.2	4.2	4.08	4.15	4.20	4.26	4.31	4.36
% change	1.5	1.7	1.3	1.2	1.4	1.5	1.5	1.4	1.3	1.3	1.2
<b>Housing Starts (Thousands)</b>	17.0	19.9	21.2	22.2	22.7	19.1	19.1	22.7	23.1	24.1	24.7
% change	(23.7)	88.5	29.6	18.5	9.7	19.9	(0.0)	18.9	2.0	4.0	2.6
<b>Unemployment Rate</b>	3.7	3.9	4.2	4.3	4.4	4.9	3.9	4.4	4.5	4.7	4.8
Point Change	(0.3)	0.2	0.3	0.1	0.2	(0.7)	(0.9)	0.5	0.1	0.1	0.1
<b>Employment (Thousands)</b>											
<b>Total Nonfarm</b>	1,866.7	1,878.2	1,889.3	1,899.6	1,909.2	1,833.3	1,872.7	1,913.5	1,942.6	1,961.6	1,976.9
% change	2.2	2.5	2.4	2.2	2.0	2.9	2.1	2.2	1.5	1.0	0.8
<b>Private Nonfarm</b>	1,558.3	1,567.5	1,576.9	1,585.9	1,594.3	1,526.3	1,562.8	1,598.1	1,622.5	1,636.3	1,649.4
% change	2.6	2.4	2.4	2.3	2.1	3.1	2.4	2.3	1.5	0.8	0.8
<b>Construction</b>	97.3	97.8	97.9	98.5	99.0	90.2	97.0	99.2	100.4	100.5	100.6
% change	11.1	2.0	0.2	2.8	2.0	8.3	7.5	2.3	1.2	0.1	0.0
<b>Manufacturing</b>	190.2	190.7	191.2	191.5	192.0	188.0	190.3	192.0	193.3	194.6	195.8
% change	1.9	0.9	1.1	0.6	1.0	1.0	1.2	0.9	0.7	0.7	0.6
<b>Durable Manufacturing</b>	132.1	132.4	132.7	132.7	133.1	131.2	132.2	133.1	133.6	134.2	134.8
% change	2.0	0.8	0.9	0.2	1.0	0.6	0.7	0.7	0.4	0.4	0.4
Wood Product Manufacturing	23.0	23.0	23.0	23.0	23.0	22.8	23.0	23.0	23.1	23.3	23.5
% change	0.9	0.2	0.3	0.1	0.3	1.2	0.9	0.3	0.4	0.9	0.8
High Tech Manufacturing	37.5	37.5	37.6	37.5	37.8	38.1	37.5	37.7	37.8	37.6	37.5
% change	(0.5)	0.2	0.8	(0.4)	2.4	1.0	(1.6)	0.5	0.1	(0.4)	(0.3)
Transportation Equipment	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.3	12.4
% change	2.6	2.2	(0.0)	0.9	(1.2)	(2.9)	(0.5)	0.5	0.5	1.1	0.5
<b>Nondurable Manufacturing</b>	58.1	58.3	58.5	58.7	58.9	56.9	58.2	58.9	59.7	60.4	61.0
% change	1.8	1.2	1.7	1.5	1.0	1.9	2.3	1.3	1.2	1.3	1.0
<b>Private nonmanufacturing</b>	1,368.1	1,376.8	1,385.7	1,394.4	1,402.3	1,338.2	1,372.4	1,406.1	1,429.2	1,441.6	1,453.6
% change	2.7	2.6	2.6	2.5	2.3	3.4	2.6	2.5	1.6	0.9	0.8
Retail Trade	207.2	207.9	208.8	209.0	209.4	205.6	207.8	209.8	212.1	214.1	215.7
% change	0.1	1.2	1.7	0.4	0.9	1.6	1.0	1.0	1.1	1.0	0.7
Wholesale Trade	76.3	76.6	77.0	77.2	77.6	75.7	76.5	77.6	78.3	78.7	79.0
% change	0.1	1.6	1.9	1.5	1.7	2.3	1.1	1.5	0.8	0.6	0.4
<b>Information</b>	33.3	33.4	33.5	33.5	33.5	33.3	33.5	33.6	33.8	34.2	34.4
% change	(4.7)	1.9	0.3	0.2	0.5	1.3	0.3	0.4	0.7	1.0	0.7
<b>Professional and Business Services</b>	243.8	246.5	248.7	251.6	255.0	238.5	244.9	256.4	267.6	273.2	279.1
% change	5.0	4.6	3.6	4.8	5.5	4.0	2.7	4.7	4.4	2.1	2.2
<b>Health Services</b>	237.2	239.2	241.1	242.3	243.5	230.9	238.3	244.1	246.4	249.2	252.9
% change	2.5	3.3	3.3	2.0	2.0	3.8	3.2	2.4	0.9	1.2	1.5
<b>Leisure and Hospitality</b>	204.3	205.9	207.9	210.3	211.3	199.6	205.2	211.8	214.1	214.0	213.0
% change	3.0	3.3	3.9	4.7	2.0	4.2	2.8	3.2	1.1	(0.1)	(0.4)
<b>Government</b>	308.4	310.7	312.4	313.7	314.9	307.1	309.9	315.4	320.1	325.4	327.5
% change	0.3	3.0	2.3	1.7	1.5	2.0	0.9	1.8	1.5	1.6	0.7

Table A.3 – Oregon Economic Forecast Change

**Oregon Forecast Change (Current vs. Last)**

	Quarterly					Annual					
	2017:2	2017:3	2017:4	2018:1	2018:2	2016	2017	2018	2019	2020	2021
<b>Personal Income (\$ billions)</b>											
<b>Nominal Personal Income</b>	191.2	193.7	196.5	199.3	202.0	184.3	192.4	203.4	214.9	226.7	238.0
% change	(0.7)	(0.8)	(0.7)	(0.7)	(0.7)	(0.0)	(0.7)	(0.7)	(0.8)	(0.9)	(0.9)
<b>Real Personal Income (base year=2005)</b>	170.4	172.1	173.9	175.9	177.7	166.5	171.1	178.6	185.4	191.2	196.2
% change	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(0.0)	(0.5)	(0.3)	(0.1)	(0.1)	0.0
<b>Nominal Wages and Salaries</b>	100.5	102.0	103.7	105.3	107.0	96.6	101.2	107.7	113.9	119.8	125.7
% change	(1.6)	(1.6)	(1.6)	(1.6)	(1.5)	(0.1)	(1.6)	(1.5)	(1.6)	(1.8)	(1.9)
<b>Other Indicators</b>											
<b>Per Capita Income (\$1,000)</b>	46.2	46.6	47.1	47.7	48.2	45.1	46.4	48.4	50.5	52.6	54.5
% change	(0.7)	(0.8)	(0.7)	(0.7)	(0.7)	(0.0)	(0.7)	(0.7)	(0.8)	(0.9)	(0.9)
<b>Average Wage rate (\$1,000)</b>	53.4	53.8	54.4	55.0	55.6	52.2	53.6	55.8	58.2	60.6	63.1
% change	(1.7)	(1.8)	(1.8)	(1.7)	(1.6)	(0.2)	(1.9)	(1.6)	(1.6)	(1.7)	(1.9)
<b>Population (Millions)</b>	4.14	4.15	4.17	4.2	4.2	4.08	4.15	4.20	4.26	4.31	4.36
% change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Housing Starts (Thousands)</b>	17.0	19.9	21.2	22.2	22.7	19.1	19.1	22.7	23.1	24.1	24.7
% change	(19.4)	(7.3)	(4.0)	(1.1)	(1.1)	0.2	(8.4)	(0.7)	0.1	0.2	0.6
<b>Unemployment Rate</b>	3.7	3.9	4.2	4.3	4.4	4.9	3.9	4.4	4.5	4.7	4.8
Point Change	(0.2)	(0.2)	(0.0)	(0.0)	0.0	0.0	(0.1)	(0.0)	0.0	0.0	0.0
<b>Employment (Thousands)</b>											
<b>Total Nonfarm</b>	1,866.7	1,878.2	1,889.3	1,899.6	1,909.2	1,833.3	1,872.7	1,913.5	1,942.6	1,961.6	1,976.9
% change	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.0	(0.1)	(0.1)	(0.0)
<b>Private Nonfarm</b>	1,558.3	1,567.5	1,576.9	1,585.9	1,594.3	1,526.3	1,562.8	1,598.1	1,622.5	1,636.3	1,649.4
% change	0.4	0.3	0.3	0.2	0.2	0.1	0.3	0.1	0.0	0.0	0.1
<b>Construction</b>	97.3	97.8	97.9	98.5	99.0	90.2	97.0	99.2	100.4	100.5	100.6
% change	2.2	2.1	1.5	1.7	1.7	0.1	1.6	1.7	2.0	1.8	1.1
<b>Manufacturing</b>	190.2	190.7	191.2	191.5	192.0	188.0	190.3	192.0	193.3	194.6	195.8
% change	0.1	0.1	0.2	0.0	(0.0)	(0.1)	0.1	(0.0)	0.0	0.2	0.3
<b>Durable Manufacturing</b>	132.1	132.4	132.7	132.7	133.1	131.2	132.2	133.1	133.6	134.2	134.8
% change	0.3	0.4	0.4	0.1	0.1	(0.0)	0.3	0.1	(0.0)	0.1	0.1
Wood Product Manufacturing	23.0	23.0	23.0	23.0	23.0	22.8	23.0	23.0	23.1	23.3	23.5
% change	(0.3)	(0.5)	(0.6)	(0.7)	(0.7)	0.0	(0.4)	(0.8)	(0.7)	(0.2)	(0.2)
High Tech Manufacturing	37.5	37.5	37.6	37.5	37.8	38.1	37.5	37.7	37.8	37.6	37.5
% change	(1.1)	(1.3)	(1.4)	(1.7)	(1.4)	(0.1)	(1.1)	(1.4)	(0.7)	(0.2)	(0.2)
Transportation Equipment	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.3	12.4
% change	0.7	2.2	2.7	2.0	0.5	0.0	1.4	0.5	(0.7)	(0.6)	(1.0)
<b>Nondurable Manufacturing</b>	58.1	58.3	58.5	58.7	58.9	56.9	58.2	58.9	59.7	60.4	61.0
% change	(0.4)	(0.5)	(0.4)	(0.3)	(0.3)	(0.1)	(0.4)	(0.2)	0.1	0.5	0.8
<b>Private nonmanufacturing</b>	1,368.1	1,376.8	1,385.7	1,394.4	1,402.3	1,338.2	1,372.4	1,406.1	1,429.2	1,441.6	1,453.6
% change	0.4	0.3	0.3	0.2	0.2	0.1	0.4	0.2	0.0	(0.0)	0.0
Retail Trade	207.2	207.9	208.8	209.0	209.4	205.6	207.8	209.8	212.1	214.1	215.7
% change	0.3	0.2	0.2	(0.0)	(0.2)	0.0	0.4	(0.3)	(0.5)	(0.5)	(0.4)
Wholesale Trade	76.3	76.6	77.0	77.2	77.6	75.7	76.5	77.6	78.3	78.7	79.0
% change	(0.0)	(0.2)	(0.1)	(0.0)	0.2	0.2	0.1	0.2	0.2	0.1	0.0
<b>Information</b>	33.3	33.4	33.5	33.5	33.5	33.3	33.5	33.6	33.8	34.2	34.4
% change	(0.5)	(0.5)	(0.6)	(0.8)	(1.0)	0.2	(0.1)	(1.1)	(1.7)	(1.6)	(1.2)
<b>Professional and Business Services</b>	243.8	246.5	248.7	251.6	255.0	238.5	244.9	256.4	267.6	273.2	279.1
% change	0.6	0.4	(0.0)	(0.2)	(0.1)	0.4	0.4	(0.1)	0.3	0.4	0.7
<b>Health Services</b>	237.2	239.2	241.1	242.3	243.5	230.9	238.3	244.1	246.4	249.2	252.9
% change	(0.1)	0.0	0.1	(0.1)	(0.2)	0.0	0.0	(0.2)	(0.6)	(0.6)	(0.6)
<b>Leisure and Hospitality</b>	204.3	205.9	207.9	210.3	211.3	199.6	205.2	211.8	214.1	214.0	213.0
% change	0.3	0.3	0.4	0.6	0.5	0.1	0.3	0.5	(0.1)	(0.5)	(0.6)
<b>Government</b>	308.4	310.7	312.4	313.7	314.9	307.1	309.9	315.4	320.1	325.4	327.5
% change	(0.5)	(0.3)	(0.3)	(0.3)	(0.4)	0.0	(0.3)	(0.4)	(0.5)	(0.6)	(0.6)

Table A.4 – Annual Economic Forecast

**Sep 2017 - Personal Income**  
**(Billions of Current Dollars)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Total Personal Income*</b>												
Oregon	165.6	176.4	184.3	192.4	203.4	214.9	226.7	238.0	249.6	261.3	274.0	287.2
% Ch	6.7	6.5	4.5	4.4	5.7	5.6	5.5	5.0	4.9	4.7	4.9	4.8
U.S.	14,809.8	15,458.5	15,986.7	16,566.0	17,339.7	18,234.5	19,151.5	20,080.3	21,026.3	21,987.9	22,989.0	24,016.3
% Ch	5.2	4.4	3.4	3.6	4.7	5.2	5.0	4.8	4.7	4.6	4.6	4.5
<b>Wage and Salary</b>												
Oregon	85.1	91.1	96.6	101.2	107.7	113.9	119.8	125.7	131.8	138.0	144.7	151.8
% Ch	6.1	7.1	6.1	4.7	6.5	5.7	5.2	4.9	4.8	4.7	4.9	4.9
U.S.	7,476.3	7,854.8	8,162.6	8,450.7	8,873.8	9,334.2	9,792.3	10,286.4	10,808.4	11,338.9	11,870.3	12,407.4
% Ch	5.1	5.1	3.9	3.5	5.0	5.2	4.9	5.0	5.1	4.9	4.7	4.5
<b>Other Labor Income</b>												
Oregon	19.7	21.1	22.3	23.2	24.1	25.0	26.2	27.4	28.6	29.7	31.0	32.2
% Ch	0.9	7.0	5.5	4.0	3.9	4.1	4.7	4.5	4.2	4.2	4.2	4.0
U.S.	1,229.8	1,270.5	1,325.4	1,367.9	1,400.6	1,443.1	1,496.3	1,544.1	1,593.1	1,644.4	1,696.7	1,750.0
% Ch	2.6	3.3	4.3	3.2	2.4	3.0	3.7	3.2	3.2	3.2	3.2	3.1
<b>Nonfarm Proprietor's Income</b>												
Oregon	12.2	13.3	14.1	14.9	15.7	16.4	17.0	17.7	18.5	19.3	20.1	21.0
% Ch	8.8	8.9	6.0	5.9	5.3	4.3	3.7	4.1	4.5	4.4	4.2	4.3
U.S.	1,269.2	1,336.8	1,389.7	1,466.6	1,541.9	1,601.8	1,652.8	1,716.3	1,785.8	1,855.1	1,924.8	1,996.8
% Ch	6.0	5.3	4.0	5.5	5.1	3.9	3.2	3.8	4.0	3.9	3.8	3.7
<b>Dividend, Interest and Rent</b>												
Oregon	32.9	34.1	34.7	36.3	38.3	40.9	43.7	46.0	48.0	49.8	51.6	53.5
% Ch	8.0	3.4	2.0	4.4	5.6	6.9	6.8	5.3	4.3	3.8	3.7	3.6
U.S.	2,833.1	2,913.5	2,967.6	3,074.1	3,210.9	3,413.2	3,621.9	3,797.9	3,943.3	4,081.4	4,231.6	4,383.6
% Ch	8.0	2.8	1.9	3.6	4.4	6.3	6.1	4.9	3.8	3.5	3.7	3.6
<b>Transfer Payments</b>												
Oregon	33.5	35.7	36.7	37.9	39.8	42.1	44.6	47.0	49.9	52.8	56.3	60.0
% Ch	8.9	6.4	2.8	3.4	5.0	5.7	5.9	5.5	6.0	6.0	6.5	6.5
U.S.	2,494.9	2,627.2	2,722.1	2,819.5	2,961.1	3,121.3	3,301.1	3,497.4	3,714.1	3,946.3	4,197.8	4,464.3
% Ch	4.5	5.3	3.6	3.6	5.0	5.4	5.8	5.9	6.2	6.3	6.4	6.3
<b>Contributions for Social Security</b>												
Oregon	15.0	15.9	16.7	17.5	18.5	19.5	20.5	21.7	22.7	24.0	25.2	26.5
% Ch	5.9	5.6	5.4	4.5	5.5	5.7	5.3	5.4	5.0	5.4	5.2	5.0
U.S.	607.6	635.7	661.9	688.4	717.9	754.4	791.6	832.4	873.8	917.3	960.2	1,004.0
% Ch	5.1	4.6	4.1	4.0	4.3	5.1	4.9	5.1	5.0	5.0	4.7	4.6
<b>Residence Adjustment</b>												
Oregon	(3.5)	(3.9)	(4.1)	(4.1)	(4.2)	(4.3)	(4.4)	(4.5)	(4.6)	(4.7)	(4.8)	(5.0)
% Ch	(1.1)	11.5	5.8	1.5	2.1	2.2	2.0	2.2	1.8	2.1	2.8	2.9
<b>Farm Proprietor's Income</b>												
Oregon	0.6	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3
% Ch	1.7	46.6	(15.2)	(11.0)	(25.8)	(18.3)	(12.6)	(6.9)	(14.2)	(4.0)	(0.1)	0.3
<b>Per Capita Income (Thousands of \$)</b>												
Oregon	41.7	43.8	45.1	46.4	48.4	50.5	52.6	54.5	56.5	58.6	60.8	63.1
% Ch	5.5	5.1	2.9	2.9	4.3	4.2	4.2	3.8	3.7	3.6	3.8	3.8
U.S.	46.4	48.1	49.4	50.8	52.8	55.1	57.4	59.7	62.0	64.4	66.8	69.3
% Ch	4.5	3.6	2.7	2.9	3.8	4.3	4.2	4.0	3.9	3.8	3.8	3.7

\* Personal Income includes all classes of income minus Contributions for Social Security

**Sep 2017 - Employment By Industry**  
**(Oregon - Thousands, U.S. - Millions)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Total Nonfarm</b>												
Oregon	1,722.0	1,781.1	1,833.3	1,872.7	1,913.5	1,942.6	1,961.6	1,976.9	1,990.8	2,002.6	2,016.5	2,031.7
% Ch	2.9	3.4	2.9	2.1	2.2	1.5	1.0	0.8	0.7	0.6	0.7	0.8
U.S.	138.9	141.8	144.3	146.4	148.1	149.7	151.2	152.4	153.8	154.9	155.9	156.6
% Ch	1.9	2.1	1.8	1.4	1.2	1.1	1.0	0.8	0.9	0.7	0.6	0.5
<b>Private Nonfarm</b>												
Oregon	1,428.1	1,479.9	1,526.3	1,562.8	1,598.1	1,622.5	1,636.3	1,649.4	1,659.6	1,668.2	1,678.7	1,690.3
% Ch	3.1	3.6	3.1	2.4	2.3	1.5	0.8	0.8	0.6	0.5	0.6	0.7
U.S.	117.1	119.8	122.1	124.1	125.9	127.5	128.7	130.0	131.2	132.2	133.0	133.7
% Ch	2.2	2.3	1.9	1.6	1.5	1.3	0.9	1.0	0.9	0.8	0.6	0.5
<b>Mining and Logging</b>												
Oregon	7.7	7.8	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8
% Ch	1.8	0.5	(0.5)	(0.9)	0.9	0.3	0.2	0.2	0.2	0.1	0.1	0.3
U.S.	0.9	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
% Ch	3.2	(8.7)	(16.6)	5.4	4.4	0.9	2.1	2.3	1.9	1.6	1.0	0.1
<b>Construction</b>												
Oregon	80.1	83.3	90.2	97.0	99.2	100.4	100.5	100.6	100.7	100.9	101.1	101.4
% Ch	8.0	4.0	8.3	7.5	2.3	1.2	0.1	0.0	0.1	0.2	0.2	0.4
U.S.	6.1	6.5	6.7	6.9	7.2	7.5	7.6	7.8	8.0	8.1	8.2	8.3
% Ch	5.0	5.0	3.9	2.9	3.8	4.3	2.2	2.0	2.2	1.9	1.5	1.2
<b>Manufacturing</b>												
Oregon	179.6	186.2	188.0	190.3	192.0	193.3	194.6	195.8	197.0	197.8	198.6	199.8
% Ch	2.6	3.7	1.0	1.2	0.9	0.7	0.7	0.6	0.6	0.4	0.4	0.6
U.S.	12.2	12.3	12.3	12.4	12.5	12.7	12.9	13.0	13.0	13.0	13.0	13.1
% Ch	1.4	1.2	0.1	0.5	0.9	1.7	1.3	0.4	0.4	0.2	0.1	0.2
<b>Durable Manufacturing</b>												
Oregon	126.3	130.5	131.2	132.2	133.1	133.6	134.2	134.8	135.4	135.7	136.0	136.5
% Ch	2.4	3.3	0.6	0.7	0.7	0.4	0.4	0.4	0.5	0.2	0.2	0.4
U.S.	7.7	7.8	7.7	7.7	7.9	8.0	8.2	8.2	8.3	8.3	8.3	8.3
% Ch	1.7	1.2	(0.6)	0.4	1.4	2.2	1.6	0.6	0.6	0.4	0.3	0.5
<b>Wood Products</b>												
Oregon	22.0	22.5	22.8	23.0	23.0	23.1	23.3	23.5	23.6	23.6	23.6	23.7
% Ch	4.0	2.3	1.2	0.9	0.3	0.4	0.9	0.8	0.5	(0.1)	0.1	0.6
U.S.	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
% Ch	5.2	2.9	2.5	1.3	4.1	5.7	4.8	3.8	3.7	3.4	2.8	2.1
<b>Metal and Machinery</b>												
Oregon	35.9	36.9	36.7	37.1	37.7	37.8	37.9	38.1	38.4	38.8	39.2	39.5
% Ch	1.5	2.5	(0.4)	1.1	1.5	0.3	0.3	0.6	0.8	0.9	1.0	1.0
U.S.	3.0	3.0	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
% Ch	1.7	(0.2)	(3.0)	0.7	2.1	3.3	2.3	0.8	1.5	1.5	1.3	1.0
<b>Computer and Electronic Products</b>												
Oregon	36.6	37.7	38.1	37.5	37.7	37.8	37.6	37.5	37.4	37.2	37.0	36.8
% Ch	(0.1)	3.1	1.0	(1.6)	0.5	0.1	(0.4)	(0.3)	(0.2)	(0.7)	(0.5)	(0.4)
U.S.	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
% Ch	(1.5)	0.4	(0.5)	(0.6)	3.1	1.4	0.3	0.5	0.6	0.2	0.4	0.3
<b>Transportation Equipment</b>												
Oregon	11.5	12.5	12.1	12.1	12.1	12.2	12.3	12.4	12.4	12.4	12.4	12.4
% Ch	6.0	8.5	(2.9)	(0.5)	0.5	0.5	1.1	0.5	0.3	0.2	(0.2)	(0.1)
U.S.	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
% Ch	3.3	2.9	1.3	(0.4)	(1.4)	0.3	1.3	(0.5)	(2.5)	(2.9)	(2.8)	(0.8)
<b>Other Durables</b>												
Oregon	20.3	20.9	21.5	22.5	22.5	22.8	23.1	23.3	23.5	23.7	23.8	24.0
% Ch	5.4	3.3	2.7	4.8	0.1	1.2	1.3	0.9	1.1	0.7	0.5	0.5
U.S.	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.4
% Ch	2.2	2.3	1.3	1.0	1.5	2.4	1.7	1.0	1.5	1.2	0.8	0.7
<b>Nondurable Manufacturing</b>												
Oregon	53.4	55.8	56.9	58.2	58.9	59.7	60.4	61.0	61.6	62.1	62.6	63.3
% Ch	3.1	4.5	1.9	2.3	1.3	1.2	1.3	1.0	0.9	0.8	0.8	1.1
U.S.	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.7	4.7
% Ch	0.9	1.3	1.3	0.7	0.2	1.0	0.7	0.1	(0.1)	(0.1)	(0.2)	(0.2)
<b>Food Manufacturing</b>												
Oregon	27.0	28.2	29.1	30.0	30.4	30.7	31.0	31.3	31.6	31.7	32.0	32.3
% Ch	4.2	4.7	3.1	3.1	1.1	1.2	1.0	0.9	0.7	0.6	0.7	1.0
U.S.	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8
% Ch	0.7	1.8	2.8	2.4	1.2	2.5	1.9	1.4	1.4	1.4	1.3	1.1
<b>Other Nondurable</b>												
Oregon	26.4	27.5	27.7	28.2	28.6	28.9	29.4	29.7	30.0	30.3	30.7	31.0
% Ch	2.0	4.4	0.7	1.5	1.5	1.3	1.5	1.0	1.2	1.1	1.0	1.2
U.S.	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9
% Ch	0.9	1.0	0.5	(0.1)	(0.3)	0.3	0.1	(0.6)	(0.9)	(0.9)	(1.0)	(1.0)
<b>Trade, Transportation, and Utilities</b>												
Oregon	325.7	335.4	341.8	347.7	351.7	355.5	358.4	360.4	361.3	361.7	361.5	361.5
% Ch	2.4	3.0	1.9	1.7	1.2	1.1	0.8	0.6	0.2	0.1	(0.1)	(0.0)
U.S.	26.4	26.9	27.2	27.4	27.5	27.6	27.7	27.7	27.7	27.7	27.6	27.5
% Ch	2.0	1.9	1.3	0.7	0.4	0.4	0.1	0.1	(0.0)	(0.1)	(0.3)	(0.2)

**Sep 2017 - Employment By Industry  
(Oregon - Thousands, U.S. - Millions)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Retail Trade</b>												
Oregon	196.3	202.4	205.6	207.8	209.8	212.1	214.1	215.7	216.4	216.8	216.6	216.4
% Ch	2.5	3.1	1.6	1.0	1.0	1.1	1.0	0.7	0.3	0.2	(0.1)	(0.1)
U.S.	15.4	15.6	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.8	15.7	15.7
% Ch	1.9	1.6	1.4	0.4	0.1	0.2	(0.1)	(0.1)	(0.2)	(0.3)	(0.5)	(0.4)
<b>Wholesale Trade</b>												
Oregon	72.5	74.0	75.7	76.5	77.6	78.3	78.7	79.0	79.2	79.2	79.2	79.3
% Ch	1.5	2.0	2.3	1.1	1.5	0.8	0.6	0.4	0.2	0.0	(0.0)	0.1
U.S.	5.8	5.9	5.9	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
% Ch	1.4	0.7	0.2	0.9	0.7	0.9	0.8	0.7	0.5	0.3	0.3	0.1
<b>Transportation and Warehousing, and Utilities</b>												
Oregon	56.9	59.0	60.5	63.4	64.3	65.2	65.6	65.7	65.7	65.7	65.7	65.8
% Ch	3.6	3.8	2.6	4.7	1.4	1.4	0.6	0.2	0.1	(0.0)	(0.1)	0.2
U.S.	5.2	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
% Ch	3.2	4.1	2.2	1.3	0.9	0.5	0.1	0.1	(0.1)	(0.2)	(0.3)	0.3
<b>Information</b>												
Oregon	32.2	32.9	33.3	33.5	33.6	33.8	34.2	34.4	34.6	34.7	34.7	34.9
% Ch	(0.2)	2.3	1.3	0.3	0.4	0.7	1.0	0.7	0.5	0.3	0.1	0.4
U.S.	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9
% Ch	0.8	0.9	0.8	(1.7)	0.4	(0.2)	1.2	1.2	1.3	1.1	0.8	0.3
<b>Financial Activities</b>												
Oregon	92.4	94.8	96.6	98.1	100.5	101.6	102.0	102.4	102.7	102.8	102.8	102.8
% Ch	0.9	2.6	2.0	1.5	2.5	1.1	0.3	0.5	0.2	0.1	0.1	(0.1)
U.S.	8.0	8.1	8.3	8.4	8.5	8.6	8.6	8.6	8.6	8.7	8.7	8.7
% Ch	1.1	1.8	2.0	1.8	0.9	0.5	0.3	0.5	0.2	0.1	0.1	(0.1)
<b>Professional and Business Services</b>												
Oregon	219.8	229.3	238.5	244.9	256.4	267.6	273.2	279.1	282.7	285.9	290.1	293.9
% Ch	4.9	4.3	4.0	2.7	4.7	4.4	2.1	2.2	1.3	1.1	1.5	1.3
U.S.	19.1	19.6	20.1	20.7	21.4	22.2	22.6	23.2	23.8	24.4	24.8	25.2
% Ch	2.9	3.0	2.6	2.8	3.6	3.4	2.0	2.4	2.6	2.5	2.0	1.6
<b>Education and Health Services</b>												
Oregon	248.5	257.8	266.6	274.0	280.1	282.5	285.6	289.5	293.6	297.8	302.6	307.7
% Ch	2.4	3.8	3.4	2.8	2.2	0.9	1.1	1.4	1.4	1.4	1.6	1.7
U.S.	21.4	22.0	22.6	23.1	23.3	23.5	23.7	24.0	24.2	24.5	24.8	25.1
% Ch	1.7	2.7	2.7	2.1	1.0	0.8	0.9	1.0	1.1	1.1	1.2	1.2
<b>Educational Services</b>												
Oregon	34.7	35.3	35.7	35.7	35.9	36.2	36.4	36.6	36.8	36.9	37.0	37.1
% Ch	1.9	1.6	1.1	(0.0)	0.7	0.6	0.6	0.6	0.5	0.2	0.3	0.4
U.S.	3.4	3.5	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2
% Ch	1.8	1.6	2.6	2.2	(0.4)	(0.6)	(1.6)	(1.4)	(2.0)	(2.5)	(2.6)	(2.5)
<b>Health Care and Social Assistance</b>												
Oregon	213.7	222.5	230.9	238.3	244.1	246.4	249.2	252.9	256.8	260.9	265.6	270.5
% Ch	2.5	4.1	3.8	3.2	2.4	0.9	1.2	1.5	1.5	1.6	1.8	1.8
U.S.	18.0	18.6	19.1	19.5	19.7	19.9	20.2	20.5	20.8	21.1	21.5	21.9
% Ch	1.6	3.0	2.7	2.1	1.3	1.0	1.4	1.4	1.6	1.7	1.8	1.7
<b>Leisure and Hospitality</b>												
Oregon	182.9	191.5	199.6	205.2	211.8	214.1	214.0	213.0	212.5	211.9	212.1	212.6
% Ch	3.6	4.7	4.2	2.8	3.2	1.1	(0.1)	(0.4)	(0.3)	(0.3)	0.1	0.2
U.S.	14.7	15.2	15.6	15.9	16.2	16.2	16.4	16.5	16.6	16.6	16.6	16.6
% Ch	3.1	3.1	3.0	2.0	1.5	0.4	0.8	1.0	0.5	0.1	0.0	(0.4)
<b>Other Services</b>												
Oregon	59.2	60.9	63.7	64.5	65.1	65.8	66.1	66.3	66.8	67.0	67.4	68.0
% Ch	2.0	3.0	4.6	1.1	1.0	1.1	0.4	0.4	0.6	0.3	0.7	0.8
U.S.	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5
% Ch	1.5	1.0	1.1	1.0	(0.0)	(0.7)	(0.7)	(0.3)	(0.6)	(0.8)	(0.8)	(0.6)
<b>Government</b>												
Oregon	293.9	301.2	307.1	309.9	315.4	320.1	325.4	327.5	331.2	334.4	337.7	341.5
% Ch	1.7	2.5	2.0	0.9	1.8	1.5	1.6	0.7	1.1	1.0	1.0	1.1
U.S.	21.9	22.0	22.2	22.3	22.2	22.2	22.5	22.5	22.6	22.7	22.8	22.9
% Ch	0.1	0.7	0.9	0.4	(0.5)	0.2	1.1	(0.0)	0.6	0.5	0.4	0.4
<b>Federal Government</b>												
Oregon	27.4	27.8	28.3	28.4	27.8	27.5	28.8	27.1	27.0	27.0	27.0	26.9
% Ch	(0.3)	1.2	1.9	0.4	(2.0)	(1.1)	4.6	(5.8)	(0.3)	(0.1)	(0.1)	(0.2)
U.S.	2.7	2.8	2.8	2.8	2.7	2.7	2.8	2.6	2.6	2.6	2.6	2.5
% Ch	(1.4)	0.8	1.5	0.3	(3.7)	(1.9)	3.9	(6.0)	(0.6)	(0.3)	(0.3)	(0.3)
<b>State Government, Oregon</b>												
State Total	70.8	58.0	56.0	54.4	55.4	56.6	57.4	58.4	59.4	60.3	61.2	62.3
% Ch	(12.7)	(18.1)	(3.5)	(2.8)	1.7	2.2	1.5	1.6	1.7	1.5	1.5	1.7
State Education	17.6	3.4	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
% Ch	(46.5)	(80.6)	(76.4)	(22.1)	(4.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Local Government, Oregon</b>												
Local Total	195.7	215.4	222.8	227.1	232.3	236.0	239.2	242.0	244.8	247.1	249.5	252.3
% Ch	8.6	10.1	3.5	1.9	2.3	1.6	1.3	1.2	1.1	1.0	1.0	1.1
Local Education	108.2	126.0	131.5	135.3	138.7	139.7	140.7	141.6	142.4	143.1	143.7	144.2
% Ch	15.7	16.5	4.3	2.9	2.5	0.8	0.7	0.7	0.6	0.5	0.4	0.3

Sep 2017 - Other Economic Indicators

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
GDP (Bil of 2009 \$),												
Chain Weight (in billions of \$)	15,982.3	16,397.2	16,662.1	17,048.4	17,514.0	17,911.7	18,287.8	18,703.5	19,096.8	19,477.3	19,844.5	20,203.7
% Ch	2.4	2.6	1.6	2.3	2.7	2.3	2.1	2.3	2.1	2.0	1.9	1.8
<b>Price and Wage Indicators</b>												
GDP Implicit Price Deflator,												
Chain Weight U.S., 2009=100	108.8	110.0	111.5	113.5	116.0	118.4	121.1	123.8	126.5	129.4	132.2	135.1
% Ch	1.8	1.1	1.3	1.9	2.1	2.1	2.3	2.2	2.2	2.2	2.2	2.2
Personal Consumption Deflator,												
Chain Weight U.S., 2009=100	109.2	109.5	110.7	112.5	113.9	115.9	118.6	121.3	124.0	126.8	129.6	132.4
% Ch	1.5	0.3	1.1	1.6	1.3	1.8	2.3	2.3	2.3	2.3	2.2	2.2
CPI, Urban Consumers,												
1982-84=100												
Portland-Salem, OR-WA	241.2	244.2	249.4	259.7	265.7	272.1	279.6	287.0	294.2	301.7	309.7	317.9
% Ch	2.4	1.2	2.1	4.1	2.3	2.4	2.8	2.6	2.5	2.6	2.7	2.6
U.S.	236.7	237.0	240.0	244.8	248.7	254.2	261.3	268.2	275.2	282.4	289.6	297.0
% Ch	1.6	0.1	1.3	2.0	1.6	2.2	2.8	2.7	2.6	2.6	2.6	2.5
Oregon Average Wage												
Rate (Thous \$)	48.9	50.7	52.2	53.6	55.8	58.2	60.6	63.1	65.7	68.4	71.3	74.2
% Ch	3.2	3.7	3.1	2.5	4.2	4.2	4.2	4.1	4.1	4.1	4.2	4.1
U.S. Average Wage												
Wage Rate (Thous \$)	53.8	55.4	56.6	57.7	59.9	62.3	64.8	67.5	70.3	73.2	76.2	79.2
% Ch	3.1	2.9	2.1	2.1	3.8	4.0	3.9	4.2	4.2	4.1	4.1	4.0
<b>Housing Indicators</b>												
FHFA Oregon Housing Price Index												
1991 Q1=100	304.6	332.3	369.6	402.6	433.3	456.6	479.2	499.6	519.2	538.4	555.4	569.2
% Ch	7.7	9.1	11.2	8.9	7.6	5.4	4.9	4.3	3.9	3.7	3.2	2.5
FHFA National Housing Price Index												
1991 Q1=100	208.6	220.2	233.7	247.4	256.1	263.7	273.0	282.7	291.8	302.4	313.8	325.6
% Ch	5.3	5.6	6.1	5.9	3.5	3.0	3.5	3.5	3.2	3.6	3.8	3.8
Housing Starts												
Oregon (Thous)	15.5	15.9	19.1	19.1	22.7	23.1	24.1	24.7	24.9	24.8	24.4	24.1
% Ch	9.1	2.4	19.9	(0.0)	18.9	2.0	4.0	2.6	1.1	(0.4)	(1.9)	(1.2)
U.S. (Millions)	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5
% Ch	7.8	10.6	6.3	3.1	10.9	4.3	2.9	2.9	1.3	0.3	(0.6)	(0.9)
<b>Other Indicators</b>												
Unemployment Rate (%)												
Oregon	6.8	5.6	4.9	3.9	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.1
Point Change	(1.1)	(1.2)	(0.7)	(0.9)	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.0
U.S.	6.2	5.3	4.9	4.4	4.1	3.9	4.0	4.1	4.1	4.1	4.2	4.4
Point Change	(1.2)	(0.9)	(0.4)	(0.5)	(0.3)	(0.1)	0.1	0.0	0.0	0.1	0.1	0.1
Industrial Production Index												
U.S. 2002 = 100	105.1	104.4	103.1	105.1	108.3	110.7	112.7	114.8	116.4	118.1	119.5	120.9
% Ch	3.1	(0.7)	(1.2)	2.0	3.0	2.3	1.8	1.8	1.5	1.4	1.2	1.2
Prime Rate (Percent)	3.3	3.3	3.5	4.1	4.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0
% Ch	0.0	0.3	7.7	16.7	15.2	19.8	6.2	0.0	0.0	0.0	0.0	0.0
Population (Millions)												
Oregon	3.97	4.02	4.08	4.15	4.20	4.26	4.31	4.36	4.41	4.46	4.51	4.55
% Ch	1.1	1.3	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0
U.S.	319.2	321.5	323.7	325.9	328.5	331.1	333.8	336.4	339.0	341.5	344.1	346.6
% Ch	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Timber Harvest (Mil Bd Ft)												
Oregon	4,125.6	3,788.1	3,800.0	3,899.4	3,948.4	4,015.4	4,075.4	4,135.2	4,196.0	4,149.2	4,148.0	4,198.6
% Ch	(1.8)	(8.2)	0.3	2.6	1.3	1.7	1.5	1.5	1.5	(1.1)	(0.0)	1.2