



AGRICULTURAL LABOR EMPLOYMENT AND WAGE TRENDS

JANUARY 2007



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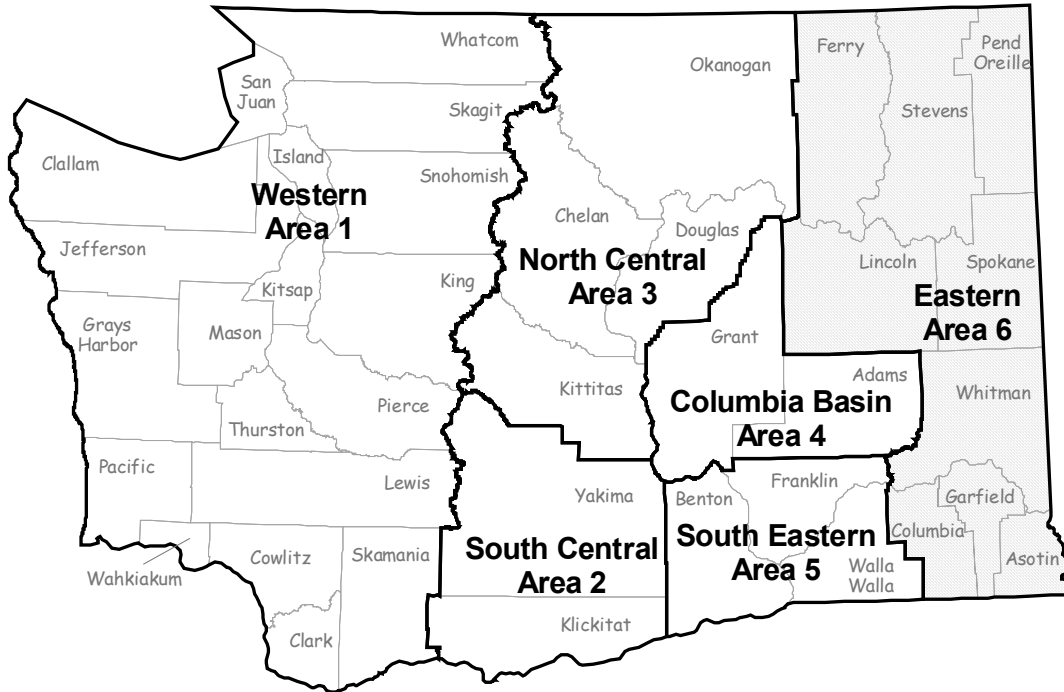
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Report available online at Workforce Explorer-Industry
<http://www.workforceexplorer.com>

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Agricultural Reporting Areas in Washington State



Counties Within Agricultural Reporting Areas

Area 1 = Clallam, Clark, Cowlitz, Grays Harbor, Island, Jefferson, King, Kitsap, Lewis, Mason, Pacific, Pierce, San Juan, Skagit, Skamania, Snohomish, Thurston, Wahkiakum and Whatcom

Area 2 = Klickitat and Yakima

Area 3 = Chelan, Douglas, Kittitas and Okanogan

Area 4 = Adams and Grant

Area 5 = Benton, Franklin and Walla Walla

Area 6 = Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens and Whitman

EXECUTIVE SUMMARY

Statewide seasonal agricultural employment fell by 23.8% from January 2006 to January 2007. Agricultural activities displaying over-the-year losses were apple work (-2,444), nursery work (-680), grapes work (-539), onion work (-403), blueberry work (-247) and other tree fruit work (-207). Activities displaying gains were potato work (629), raspberry work (290), cherry work (192), bulb work (161), other seasonal work (96), wheat/grain work (49), hops work (36), miscellaneous vegetable work (25) and pear work (12). Regionally, Western (Area 1) seasonal employment inched ahead by 1.3%, due to an increase in potato work (588). South Central (Area 2) seasonal employment slid by 24.0%, caused by a decline in apple work (-480). North Central (Area 3) seasonal employment declined by 38.9%, forced down by a slowdown in apple work (-1,426). Columbia Basin (Area 4) seasonal employment contracted by 27.1%, thanks to a dip in grapes employment (-168). South Eastern (Area 5) seasonal employment decreased by 27.7%, courtesy of a slump in apple employment (-395). Eastern (Area 6) seasonal employment moved forward by 72.7%, thanks to an increase in wheat/grain work (53).

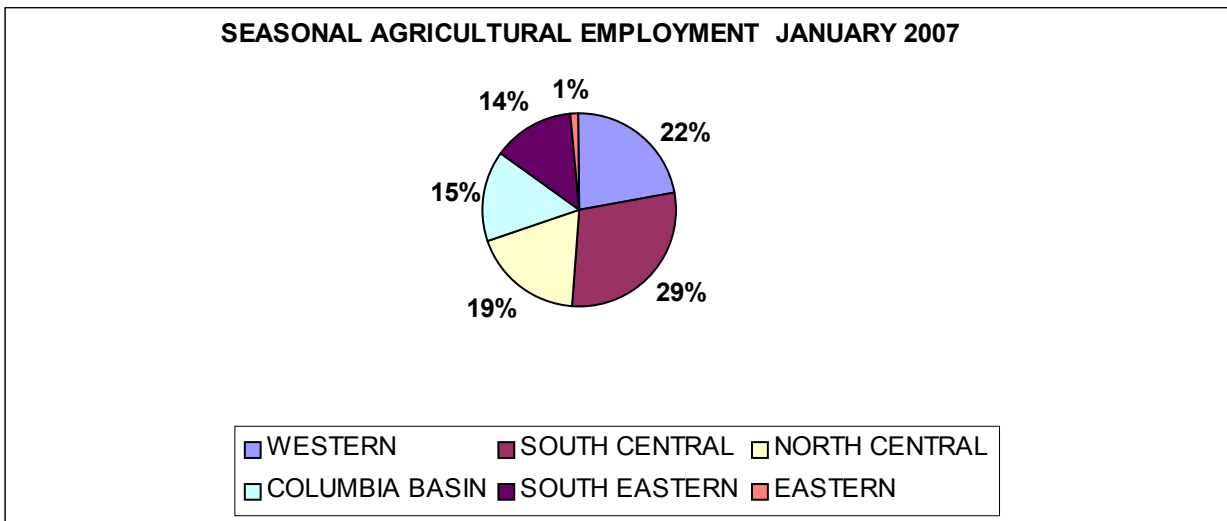
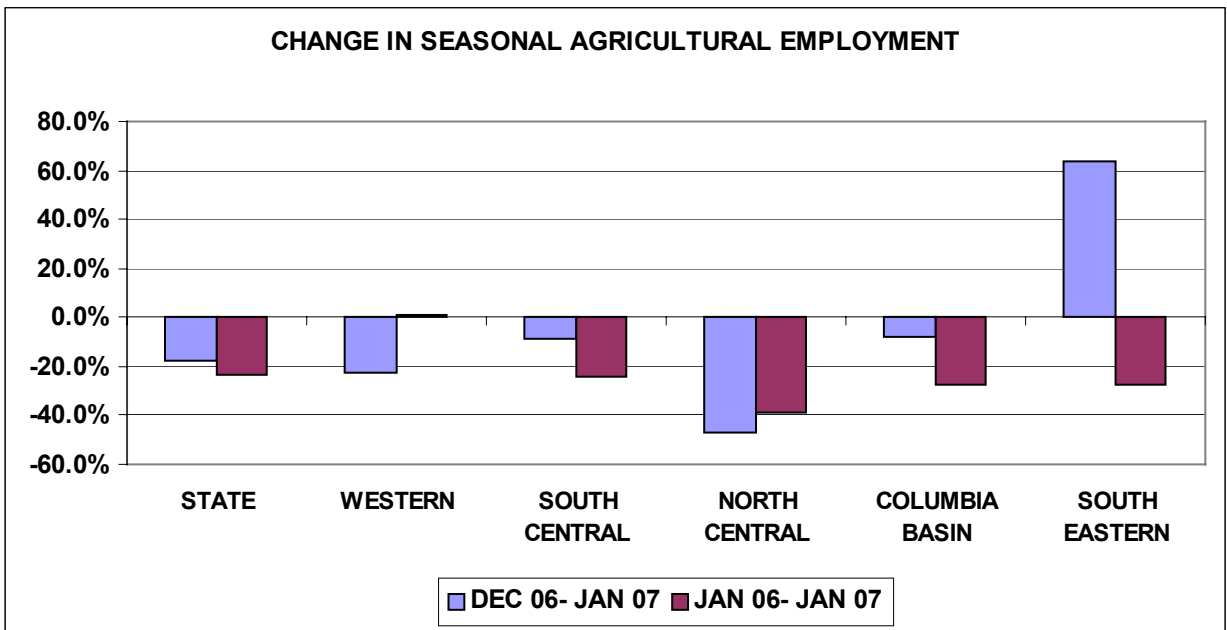
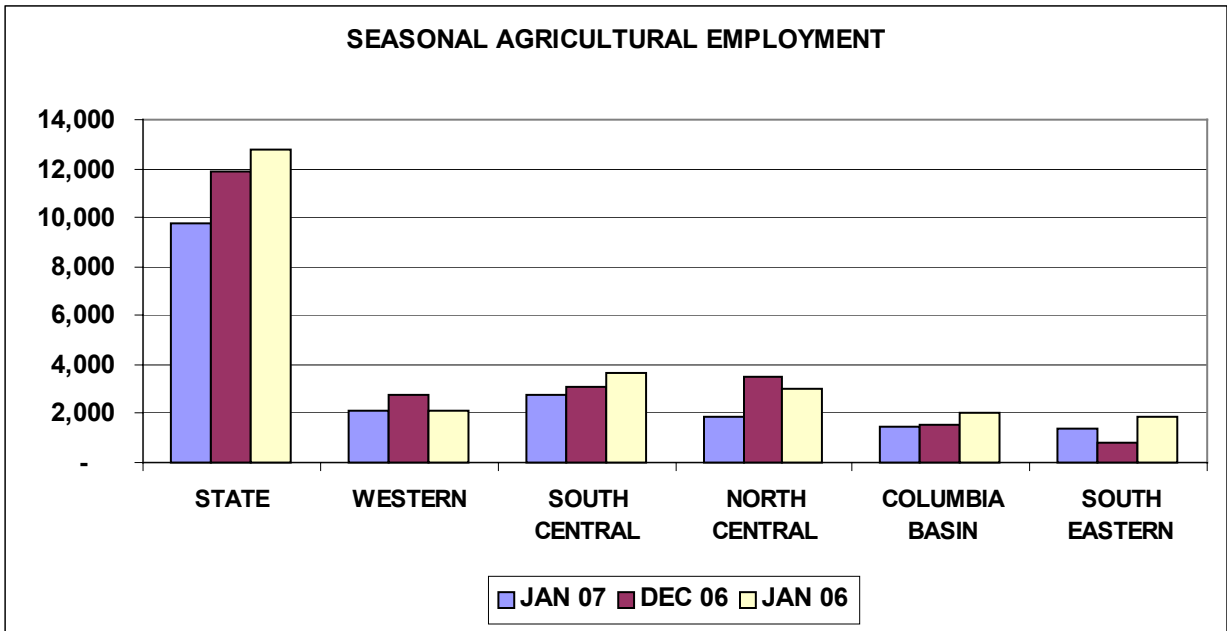
ECONOMIC FACTORS IMPACTING AGRICULTURE

The California citrus freeze may cause apple and pear prices to rise in Washington state. Estimates of damage to California's citrus growers are running as high as \$1 billion. Washington state growers, who have their own weather problems, and packers report growing demand for apples and pears. One industry official says apple prices at supermarkets could rise by as much as 5 cents a pound. Grocers have been replacing oranges and tangerines with apples and pears in their advertising since the freeze in mid-January, and Pacific Northwest apple packers say sales have been growing.

The Northwest precipitation outlook looks excellent for 2007. Washington has good snowpack levels virtually across the board—up to double the average rate in the Olympic Basin, and well above 100 percent almost everywhere else, according to the National Resource Conservation Service snow and precipitation data. Oregon was at 99 percent of normal at the end of 2006, a 7 percent increase over 2005 and more than double the 2004 level. Washington had high precipitation with rates ranging from 122 to 167 percent of average at the end of 2006.

Northwest hop production increased 9 percent in 2006, with nearly 57.7 million pounds produced in Washington, Oregon and Idaho, according to a recently released report from the National Agricultural Statistics Service. September 1st hop stocks held by U.S. growers, dealer and brewers totaled about 49 million pounds, the lowest since 2000. Acreage and yields were improved in Washington state in 2006 compared with the year before, the NASS report said. Washington grew 77 percent of the total U.S. hop crop. Washington growers harvested 21,532 acres, 2 percent more than the previous year, with yields estimated at 2,058 pounds per acre, up significantly from 1,878 pounds in 2005. Statewide production was slightly more than 44.3 million pounds in 2006, compared with 39.5 million pounds the year before. Average price during the 2006 marketing year was \$2 per pound, according to the NASS hop report.

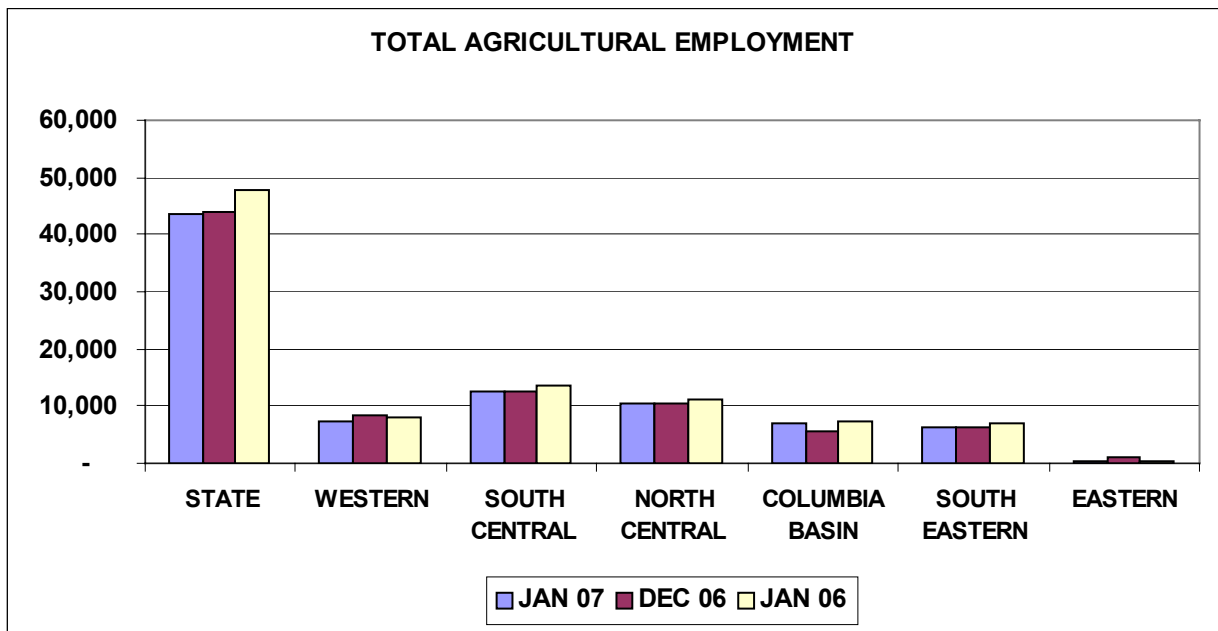
SEASONAL AGRICULTURAL EMPLOYMENT							
				CHANGE		PERCENT CHANGE	
	JAN 07	DEC 06	JAN 06	DEC 06- JAN 07	JAN 06- JAN 07	DEC 06- JAN 07	JAN 06- JAN 07
STATE	9,736	11,855	12,770	(2,119)	(3,034)	-17.9%	-23.8%
WESTERN	2,152	2,790	2,124	(638)	28	-22.9%	1.3%
SOUTH CENTRAL	2,798	3,066	3,683	(268)	(885)	-8.7%	-24.0%
NORTH CENTRAL	1,849	3,470	3,025	(1,621)	(1,176)	-46.7%	-38.9%
COLUMBIA BASIN	1,455	1,584	1,996	(129)	(541)	-8.1%	-27.1%
SOUTH EASTERN	1,349	826	1,865	523	(516)	63.3%	-27.7%
EASTERN	133	119	77	14	56	11.8%	72.7%



TOTAL AGRICULTURAL EMPLOYMENT SUMMARY

Statewide total agricultural employment declined by 8.5% from January 2006 to January 2007. Over-the-month total employment fell by 0.9%. Over-the-year regionally, Western (Area 1) total employment experienced a net loss of 8.7%. South Central (Area 2) total employment declined by 8.6%. North Central (Area 3) total employment dipped by 8.3%. Columbia Basin (Area 4) total employment stepped back by 8.8%. South Eastern (Area 5) total employment scaled back by 8.4%. Eastern (Area 6) total employment also slipped by 8.4%.

	TOTAL AGRICULTURAL EMPLOYMENT						
				CHANGE		PERCENT CHANGE	
	<u>JAN 07</u>	<u>DEC 06</u>	<u>JAN 06</u>	<u>DEC 06- JAN 07</u>	<u>JAN 06- JAN 07</u>	<u>DEC 06- JAN 07</u>	<u>JAN 06- JAN 07</u>
STATE	43,626	44,041	47,700	(415)	(4,074)	-0.9%	-8.5%
WESTERN	7,250	8,215	7,937	(965)	(687)	-11.7%	-8.7%
SOUTH CENTRAL	12,570	12,700	13,749	(130)	(1,179)	-1.0%	-8.6%
NORTH CENTRAL	10,360	10,384	11,302	(24)	(942)	-0.2%	-8.3%
COLUMBIA BASIN	6,812	5,438	7,470	1,374	(658)	25.3%	-8.8%
SOUTH EASTERN	6,367	6,224	6,951	143	(584)	2.3%	-8.4%
EASTERN	267	1,080	291	(813)	(24)	-75.3%	-8.4%

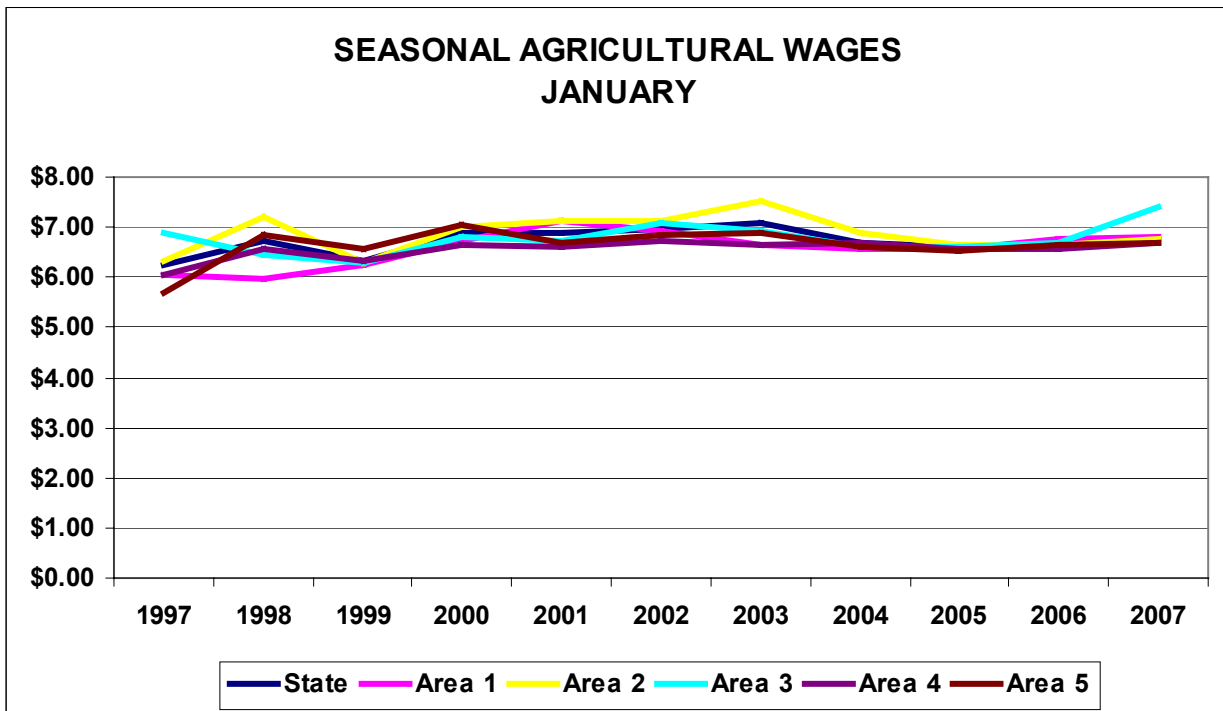


STATEWIDE AND REGIONAL WAGE TRENDS

Statewide real seasonal agricultural wages increased by 8.0% from January 1997 to January 2007. Washington State real minimum wages advanced by 22.4% during this same time period. Statewide real agricultural seasonal wages rose by 1.6% from January 2006 to January 2007. The state minimum wage increased by 3.9% during this same time period. Western (Area 1) seasonal wages moved forward by 0.4% from January 2006 to January 2007. South Central (Area 2) seasonal wages grew by 2.2% for that same time period. North Central (Area 3) seasonal wages advanced by 10.5% for that same time period. Columbia Basin (Area 4) seasonal wages inched up by 1.3% for that same time period. South Eastern (Area 5) seasonal wages nudged ahead by 0.7% during that same time period.

SEASONAL AGRICULTURAL WAGES*											
JANUARY											
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
State	\$6.27	\$6.73	\$6.31	\$6.88	\$6.89	\$6.98	\$7.07	\$6.68	\$6.60	\$6.67	\$6.77
Area 1	\$6.05	\$5.97	\$6.25	\$6.74	\$7.13	\$6.94	\$6.63	\$6.57	\$6.57	\$6.78	\$6.80
Area 2	\$6.34	\$7.20	\$6.29	\$7.01	\$7.12	\$7.14	\$7.53	\$6.87	\$6.66	\$6.64	\$6.79
Area 3	\$6.90	\$6.45	\$6.30	\$6.79	\$6.72	\$7.08	\$6.91	\$6.61	\$6.63	\$6.68	\$7.38
Area 4	\$6.06	\$6.56	\$6.33	\$6.64	\$6.62	\$6.72	\$6.66	\$6.68	\$6.56	\$6.58	\$6.67
Area 5	\$5.69	\$6.83	\$6.57	\$7.05	\$6.68	\$6.83	\$6.87	\$6.61	\$6.55	\$6.65	\$6.69

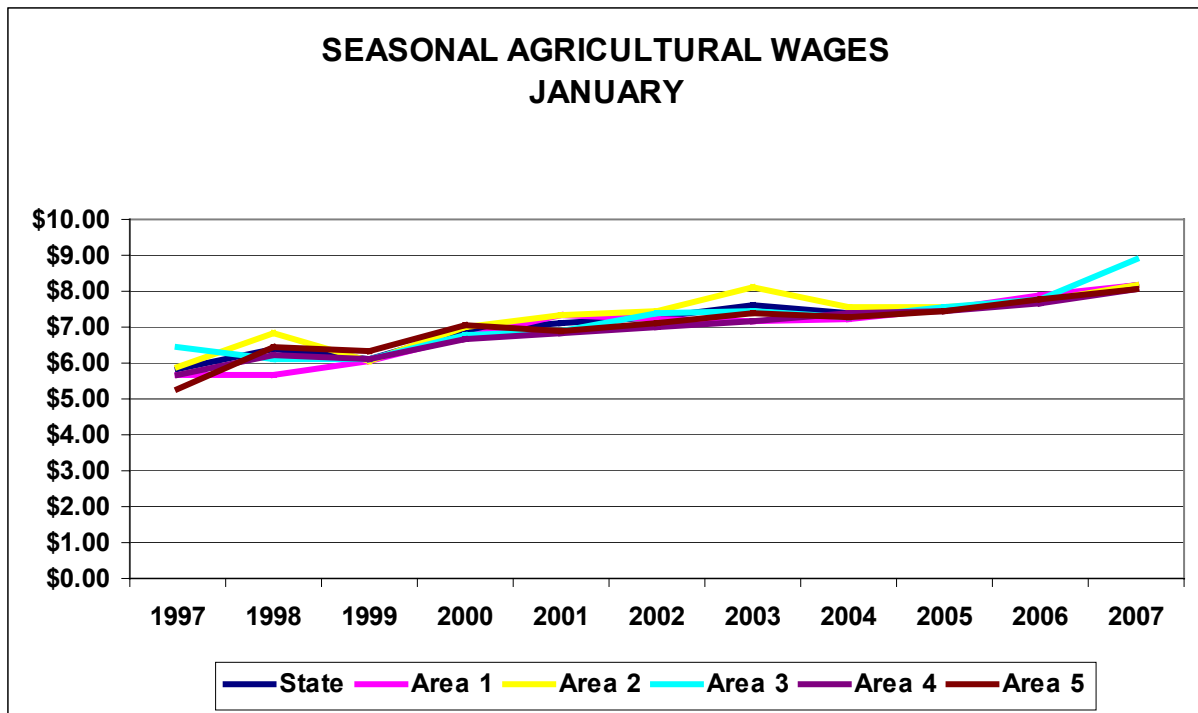
*Real 2000 Adjusted Dollars



Statewide non-adjusted seasonal agricultural wages grew by 39.5% from January 1997 to January 2007. Washington State non-adjusted minimum wages expanded by 61.8% during this same time period. Statewide non-adjusted agricultural seasonal wages grew by 4.8% from January 2006 to January 2007. The state minimum wage expanded by 3.9% during this same time period. Western (Area 1) seasonal wages moved ahead by 3.5% from January 2006 to January 2007. South Central (Area 2) seasonal wages advanced by 5.4% for that same time period. North Central (Area 3) seasonal wages grew by 14.0% for that same time period. Columbia Basin (Area 4) seasonal wages expanded by 4.6% for that same time period. South Eastern (Area 5) seasonal wages rose by 3.9% during that same time period.

SEASONAL AGRICULTURAL WAGES**											
JANUARY											
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
State	\$5.84	\$6.37	\$6.10	\$6.88	\$7.09	\$7.28	\$7.61	\$7.37	\$7.51	\$7.78	\$8.15
Area 1	\$5.64	\$5.65	\$6.04	\$6.74	\$7.33	\$7.25	\$7.14	\$7.25	\$7.48	\$7.91	\$8.19
Area 2	\$5.91	\$6.82	\$6.08	\$7.01	\$7.32	\$7.45	\$8.11	\$7.58	\$7.58	\$7.75	\$8.17
Area 3	\$6.43	\$6.11	\$6.09	\$6.79	\$6.91	\$7.39	\$7.44	\$7.30	\$7.54	\$7.80	\$8.89
Area 4	\$5.65	\$6.21	\$6.12	\$6.64	\$6.81	\$7.02	\$7.17	\$7.37	\$7.46	\$7.68	\$8.03
Area 5	\$5.30	\$6.47	\$6.35	\$7.05	\$6.87	\$7.13	\$7.40	\$7.30	\$7.45	\$7.76	\$8.06

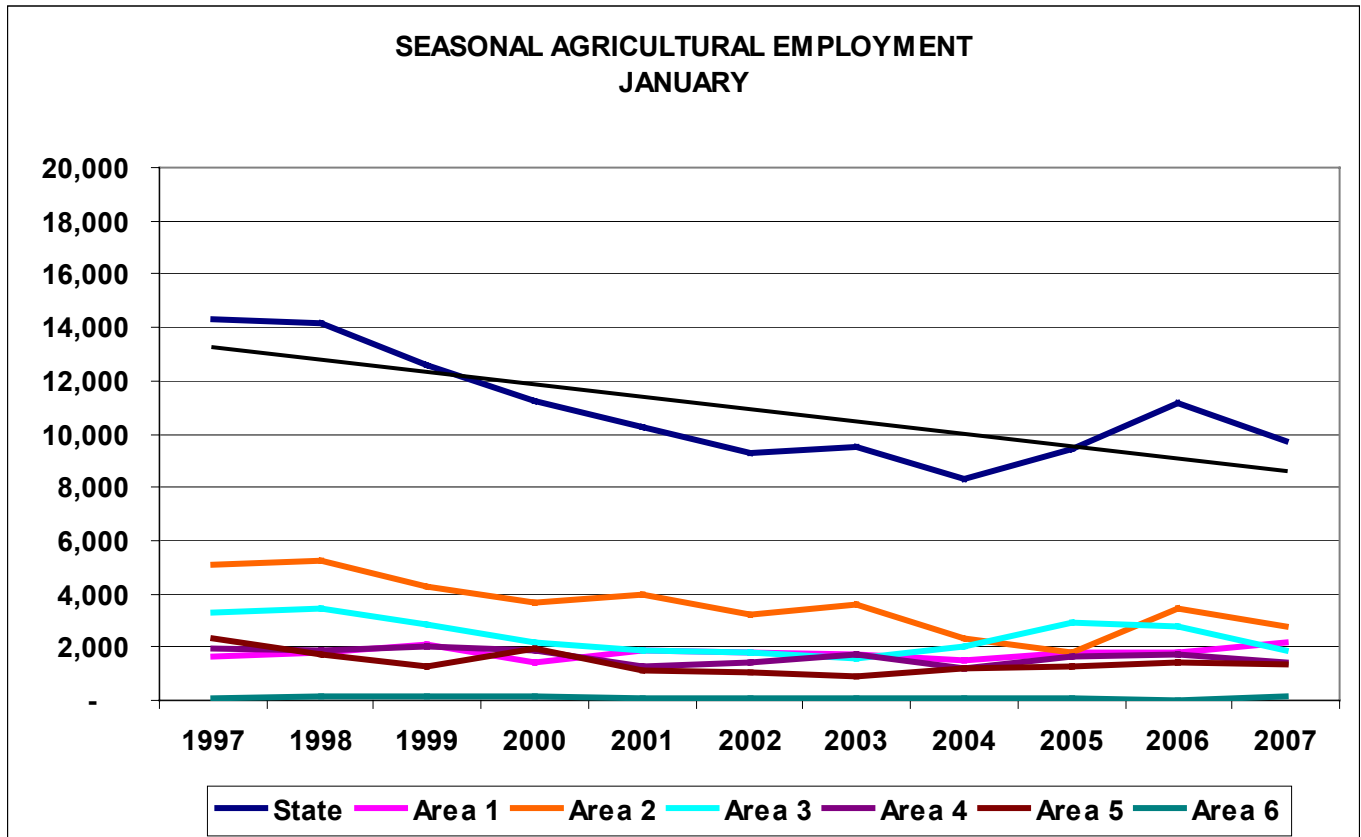
****Non-Adjusted Dollars**



STATEWIDE AND REGIONAL EMPLOYMENT TRENDS

Statewide seasonal agricultural employment declined by 31.9% from January 1997 to January 2007. Statewide seasonal agricultural employment also contracted by 12.8% from January 2006 to January 2007. Western (Area 1) seasonal employment grew 19.1% from January 2006 to January 2007. South Central (Area 2) seasonal employment softened by 18.0% during that same time period. North Central (Area 3) seasonal employment fell by 32.7% for that same time period. Columbia Basin seasonal employment decreased by 16.4% during that same time period. South Eastern (Area 5) seasonal employment dipped by 5.6% over that same time period. Eastern (Area 6) seasonal employment moved ahead by 504.5% during that same time period.

SEASONAL AGRICULTURAL EMPLOYMENT JANUARY											
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
State	14,307	14,191	12,585	11,213	10,254	9,296	9,489	8,322	9,460	11,160	9,736
Area 1	1,676	1,797	2,099	1,460	1,894	1,782	1,697	1,507	1,765	1,807	2,152
Area 2	5,087	5,212	4,282	3,687	3,975	3,190	3,627	2,332	1,835	3,414	2,798
Area 3	3,288	3,480	2,815	2,176	1,906	1,804	1,547	2,047	2,899	2,747	1,849
Area 4	1,917	1,869	1,994	1,845	1,282	1,395	1,706	1,184	1,613	1,741	1,455
Area 5	2,298	1,713	1,257	1,932	1,143	1,080	866	1,213	1,285	1,429	1,349
Area 6	41	120	138	113	54	45	46	39	63	22	133



STATEWIDE AND REGIONAL TRENDS

Statewide seasonal employment decreased by 23.8% from January 2006 to January 2007. Seasonal employment also declined by 17.9% statewide from December 2006 to January 2007. The crop displaying the largest employment growth from January 2006 to January 2007 was potato work (629). Apple work lost the largest amount of employment (-2,444) for that same time period. Cherry work moved ahead of all other crop activities (556) from December 2006 to January 2007. Apple work shed the largest number of jobs (-2,160) during that same time period. The statewide weighted seasonal average wage for hourly paid farm workers for January 2007 was \$8.15 per hour.

STATEWIDE SEASONAL AGRICULTURAL EMPLOYMENT**							
STATE	CHANGE			PERCENT CHANGE			
	JAN 07	DEC 06	JAN 06	DEC 06- JAN 07	JAN 06- JAN 07	DEC 06- JAN 07	JAN 06- JAN 07
CROP	<u>JAN 07</u>	<u>DEC 06</u>	<u>JAN 06</u>	<u>JAN 07</u>	<u>JAN 07</u>	<u>JAN 07</u>	<u>JAN 07</u>
Apples	4,757	6,917	7,201	(2,160)	(2,444)	-31.2%	-33.9%
Blueberry	136	24	383	112	(247)	466.7%	-64.5%
Bulb	313	115	152	198	161	172.2%	105.9%
Cherries	856	300	664	556	192	185.3%	28.9%
Grapes	458	254	997	204	(539)	80.3%	-54.1%
Hops	50	3	14	47	36	1566.7%	257.1%
Misc Vegetables	134	211	109	(77)	25	-36.5%	22.9%
Nursery	34	972	714	(938)	(680)	-96.5%	-95.2%
Onion	33	94	436	(61)	(403)	-64.9%	-92.4%
Other Seasonal	551	408	455	143	96	35.0%	21.1%
Other Tree Fruit	22	280	229	(258)	(207)	-92.1%	-90.4%
Pears	483	355	471	128	12	36.1%	2.5%
Potato	1,143	925	514	218	629	23.6%	122.4%
Raspberry	688	923	398	(235)	290	-25.5%	72.9%
Wheat/Grain	83	75	34	8	49	10.7%	144.1%

**Crop detail may not add due to rounding

Western (Area 1) seasonal employment expanded by 1.3% from January 2006 to January 2007. Seasonal employment fell by 22.9% from December 2006 to January 2007. Potato work increased by the greatest number of jobs (588) from January 2006 to January 2007. Nursery work lost the largest number of jobs (-675) for that same time period. Potato work displayed the largest over-the-month employment gain (239) from December 2006 to January 2007. Nursery work showed the largest downtick in jobs (-726) during that same time period. The weighted seasonal average wage for hourly paid farm workers for January 2007 in Area 1 was \$8.19 per hour. (See pages 19 -20 for Area 1 detail)

AREA 1 SEASONAL AGRICULTURAL EMPLOYMENT

WESTERN				CHANGE		PERCENT CHANGE	
	<u>JAN 07</u>	<u>DEC 06</u>	<u>JAN 06</u>	<u>DEC 06- JAN 07</u>	<u>JAN 06- JAN 07</u>	<u>DEC 06- JAN 07</u>	<u>JAN 06- JAN 07</u>
CROP							
Blueberry	136	24	383	112	(247)	466.7%	-64.5%
Bulb	313	115	152	198	161	172.2%	105.9%
Misc Vegetables	93	166	57	(73)	36	-44.0%	63.2%
Nursery	9	735	684	(726)	(675)	-98.8%	-98.7%
Other Seasonal	18	188	160	(170)	(142)	-90.4%	-88.8%
Potato	879	640	291	239	588	37.3%	202.1%
Raspberry	688	923	398	(235)	290	-25.5%	72.9%
Rhubarb	17	0	0	17	17	NA	NA

**Crop detail may not add due to rounding

South Central (Area 2) seasonal employment contracted by 24.0% from January 2006 to January 2007. Seasonal employment fell back by 8.7% from December 2006 to January 2007. Hops work posted the largest gain in jobs (40) from January 2006 to January 2007. Apple work registered the largest over-the-month decline in employment (-480) for that same time period. Cherry work moved forward with the greatest gain in jobs (145) from December 2006 to January 2007. Apple work displayed the greatest job loss (-752) for that same time period. The weighted seasonal average wage for hourly paid farm workers for January 2007 in Area 2 was \$8.17 per hour. (See pages 21 -22 for Area 2 detail)

AREA 2 SEASONAL AGRICULTURAL EMPLOYMENT

SOUTH CENTRAL				CHANGE		PERCENT CHANGE	
	<u>JAN 07</u>	<u>DEC 06</u>	<u>JAN 06</u>	<u>DEC 06- JAN 07</u>	<u>JAN 06- JAN 07</u>	<u>DEC 06- JAN 07</u>	<u>JAN 06- JAN 07</u>
CROP							
Apples	1,890	2,642	2,370	(752)	(480)	-28.5%	-20.3%
Cherries	163	18	125	145	38	805.6%	30.4%
Grapes	379	242	750	137	(371)	56.6%	-49.5%
Hops	50	0	10	50	40	NA	400.0%
Misc Vegetables	22	27	26	(5)	(4)	-18.5%	-15.4%
Other Seasonal	101	37	65	0	36	0.0%	55.4%
Pears	195	101	335	94	(140)	93.1%	-41.8%

**Crop detail may not add due to rounding

North Central (Area 3) seasonal employment declined by 38.9% from January 2006 to January 2007. However, seasonal employment decreased by 46.9% from December 2006 to January 2007. Cherry work displayed the largest over-the-year gain in employment (196) from January 2006 to January 2007. Apple work registered the largest employment loss (-1,426) for that same time period. Cherry work expanded by the greatest amount of employment (373) from December 2006 to January 2007. Apple work displayed the largest decline in employment (-1,791) during that same time period. The weighted seasonal average wage for hourly paid farm workers for January 2007 in Area 3 was \$8.89 per hour. (See pages 23 - 24 for Area 3 detail)

AREA 3 SEASONAL AGRICULTURAL EMPLOYMENT							
NORTH CENTRAL							
CROP				CHANGE		PERCENT CHANGE	
	JAN 07	DEC 06	JAN 06	DEC 06- JAN 07	JAN 06- JAN 07	DEC 06- JAN 07	JAN 06- JAN 07
Apples	1,216	3,007	2,642	(1,791)	(1,426)	-59.6%	-54.0%
Cherries	402	29	206	0	196	0.0%	95.1%
Other Seasonal	31	108	6	(77)	25	-71.3%	416.7%
Other Tree Fruit	0	92	117	(92)	(117)	NA	NA
Pears	201	235	55	(34)	146	-14.5%	265.5%
**Crop detail may not add due to rounding							

Columbia Basin (Area 4) seasonal employment declined by 27.1% from January 2006 to January 2007. Seasonal employment slipped by 8.1% from December 2006 to January 2007. Other seasonal work showed the largest employment growth (121) from January 2006 to January 2007. Apple work saw the greatest decline in jobs (-432) during that same time period. Other seasonal work posted the largest over-the-month gain in employment (121) from December 2006 to January 2007. Nursery work experienced the greatest loss of jobs (-190) during that same time period. The weighted seasonal average wage for hourly paid farm workers for January 2007 in Area 4 was \$8.03 per hour. (See pages 25 - 26 for Area 4 detail)

AREA 4 SEASONAL AGRICULTURAL EMPLOYMENT							
COLUMBIA BASIN							
CROP				CHANGE		PERCENT CHANGE	
	JAN 07	DEC 06	JAN 06	DEC 06- JAN 07	JAN 06- JAN 07	DEC 06- JAN 07	JAN 06- JAN 07
Apples	796	808	1,228	(12)	(432)	-1.5%	-35.2%
Cherries	137	113	19	24	118	21.2%	621.1%
Mint	0	0	35	0	(35)	NA	NA
Misc Vegetables	2	0	2	2	0	NA	NA
Nursery	0	190	19	(190)	(19)	-100.0%	-100.0%
Onion	33	84	325	(51)	(292)	-60.7%	-89.8%
Other Seasonal	127	6	6	121	121	2016.7%	2016.7%
Other Tree Fruit	8	96	109	(88)	(101)	-91.7%	-92.7%
Pears	87	19	81	68	6	357.9%	7.4%
Potato	264	269	174	(5)	90	-1.9%	51.7%
Wheat	0	0	2	0	(2)	NA	NA
**Crop detail may not add due to rounding							

South Eastern (Area 5) seasonal employment contracted by 27.7% from January 2006 to January 2007. Seasonal employment also fell by 63.3% from December 2006 to January 2007. Other tree fruit work led all other crop activities (11) from January 2006 to January 2007. Grapes work led the decliners (-168) during that same time period. Apple work was the largest over-the-month gainer (395) from December 2006 to January 2007. Other tree fruit work shed the most jobs (-78) for that same time period. The weighted seasonal average wage for hourly paid farm workers for January 2007 in Area 5 was \$8.06 per hour. (See pages 27 - 28 for Area 5 detail)

AREA 5 SEASONAL AGRICULTURAL EMPLOYMENT							
SOUTH EASTERN							
CROP				CHANGE		PERCENT CHANGE	
	JAN 07	DEC 06	JAN 06	DEC 06- JAN 07	JAN 06- JAN 07	DEC 06- JAN 07	JAN 06- JAN 07
Apples	855	460	961	395	(106)	85.9%	-11.0%
Cherries	154	140	314	14	(160)	10.0%	-51.0%
Grapes	79	12	247	67	(168)	558.3%	-68.0%
Hops	0	3	4	(3)	(4)	NA	NA
Misc Vegetables	0	18	24	(18)	(24)	NA	NA
Onion	0	10	111	(10)	(111)	NA	NA
Other Seasonal	238	60	136	178	102	296.7%	75.0%
Other Tree Fruit	14	92	3	(78)	11	-84.8%	366.7%
Potatoes	0	16	49	(16)	(49)	-100.0%	-100.0%
Wheat/Grain	10	12	12	(2)	(2)	-16.7%	-16.7%
**Crop detail may not add due to rounding							

Eastern (Area 6) seasonal employment did not meet the criterion of 500 seasonal employees and therefore is not published for the month of January.

LABOR SUPPLY

New survey questions were inserted into the January survey. The first question asked growers if they failed to complete some work due to lack of available seasonal labor. For January, 400 questionnaires were sent to the employers in the survey. Of these 400, 294 were returned. Of the 294 returned, 294 provided usable answers to the question of labor shortage. These report their rate of labor shortage in the panel below. These statistics are unweighted.

RESPONSE RATES TO LABOR SHORTAGE QUESTION INDICATING A POSITIVE RESPONSE

REPORTED LABOR SHORTAGE	
State	2.7%
Area 1	2.5%
Area 2	5.6%
Area 3	3.3%
Area 4	0.0%
Area 5	4.1%
Area 6	0.0%

Methodology

The "Agricultural Workforce Report" uses data from the monthly Seasonal Farm Labor Survey. This is a survey of 600 agricultural growers in the state. They report monthly the number of total and seasonal workers by crop, activity, and wage. Both hourly and piece rates are used. "Seasonal" workers for the purpose of the survey are those working less than 150 days per year. The state is grouped into six areas based on agricultural economic similarity. The tables and charts presented compare the seasonal agricultural employment for the state and the six areas for the current month, previous month and year ago. Percentage increases as well as raw numbers are given. The weighted monthly wage for seasonal employment is given for the state and the six areas. Each crop activity having significant employment is noted as a percentage change for previous month and year ago. The crops having the highest gain and highest decline in employment are highlighted in the narrative. The Farm Labor Abstract is also included. This contains the top four crop activities by employment and wage for each of the six areas. Piece rates are given in addition to hourly wages when available and disclosable. Some variation in the reporting of the seasonal data can be attributed to the requirement that employment be reported in the pay period including the 12th of the month. Due to the fact that the timing of a given crop's harvest and other activities can be affected by weather and other conditions, periods of peak employment do not always fit precisely within this reporting period. This can lead to some variation of estimated employment by crop when comparing activity in similar time periods. The report is used by economists, growers' associations, educators, state agencies, labor unions and outreach workers.

Related Ag Links:

Click on <http://www.nass.usda.gov/wa> for Washington crop harvest and weather information. Click on <http://www.usda.gov/oce/oce/labor-affairs/whatsnew.htm> for What's New in Agricultural Employment.

DOMESTIC AGRICULTURAL LABOR REPORT

Washington State Employment Security, Labor Market and Economic Analysis

SEASONAL LABOR ABSTRACT JANUARY 2007

A mid-month survey of farm labor employment and wages is conducted by the Washington State Employment Security Department. At least five percent of all growers are surveyed for employment data about seasonal workers, type of crop, work activity, wages and their residence. Based on that data, the Washington employment Security Department develops estimates on the size of the workforce, average wages for each crop activity, and whether workers commute, live within the state, or come in from outside of Washington State. These data are reported for each agricultural area identified as having similar farm labor characteristics and a significant supply/demand for seasonal hired workforce.

WESTERN (Clallam, Clark, Cowlitz, Grays Harbor, Island, Jefferson, King, Kitsap, Lewis, Mason, Pacific, Pierce, San Juan, Skagit, Skamania, Snohomish, Thurston, Wahkiakum and Whatcom Counties)

Estimated seasonal workforce: 2,152 (1,454 local, 44 intrastate, 207 interstate, 0 foreign, 447 unknown origin)

Potato Sorter/Grader/Packer	849	\$ 8.10/hr
Raspberry Pruner	470	Not Available
Bulbs Sorter/Grader/Packer	296	\$ 7.93/hr
Raspberry Sorter/Grader/Packer	218	\$ 7.99/hr

SOUTH CENTRAL (Klickitat and Yakima Counties)

Estimated seasonal workforce: 2,798 (1,900 local, 106 intrastate, 56 interstate, 658 foreign, 78 unknown origin)

Apple Pruner	1,321	\$ 7.93/hr or \$ 0.50 - \$ 3.50 per tree
Apple Worker	394	\$ 7.94/hr
Grapes Trainer	341	\$ 9.38/hr
Pear Pruner	195	Not Available

NORTH CENTRAL (Chelan, Douglas, Kittitas and Okanogan Counties)

Estimated seasonal workforce: 1,849 (1,215 local, 18 intrastate, 0 interstate, 581 foreign, 35 unknown origin)

Apple Pruner	1,005	\$ 8.50/hr
Cherry Pruner	402	\$ 9.40/hr
Pear Pruner	201	\$ 7.93/hr
Apple Sorter/Grader/Packer	188	\$ 8.24/hr

COLUMBIA BASIN (Adams and Grant Counties)

Estimated seasonal workforce: 1,455 (1,310 local, 0 intrastate, 18 interstate, 0 foreign, 127 unknown origin)

Apple Pruner	788	\$ 7.87/hr or \$ 0.40 - \$ 2.00 per tree
Potato Sorter/Grader/Packer	186	\$ 7.96/hr
Cherry Pruner	137	\$ 7.95/hr
Bulbs Sorter/Grader/Packer	116	\$ 7.93/hr

SOUTH EASTERN (Benton, Franklin and Walla Walla Counties)

Estimated seasonal workforce: 1,349 (686 local, 2 intrastate, 0 interstate, 480 foreign, 181 unknown origin)

Apple Pruner	839	\$ 7.96/hr or \$ 0.40 - \$ 2.25 per tree
Chicken Eggs Loader	227	\$ 8.25/hr
Cherry Pruner	151	\$ 7.94/hr
Grapes Trainer	51	\$ 8.07/hr

EASTERN (Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens and Whitman Counties)

Estimated seasonal workforce: 133 (125 local, 0 intrastate, 0 interstate, 0 foreign, 8 unknown origin)

Wheat Mechanic	58	\$ 8.88/hr
Nursery Planter	25	\$ 8.25/hr
Wheat Worker	15	\$12.00/hr
Beef Cattle Worker	15	\$ 8.00/hr

Washington State Agricultural Crop Areas Harvest Periods

Washington State crop harvest timetables are listed below by agricultural areas. The dates may vary considerably due to weather or other conditions.

Note that the five area groupings in the following five timeline charts do not directly match with the six agricultural area groupings that are used in the Seasonal Farm Labor Survey data used in this report.

Washington State Agricultural Crop Areas												
Major Crops	Okanogan and Wenatchee Crop Areas											
	J	F	M	A	M	J	J	A	S	O	N	D
Apples												
Cherries												
Pears												
Golden Delicious												
Red Delicious												

Washington State Agricultural Crop Areas												
Major Crops	Bellingham and Mount Vernon Crop Areas											
	J	F	M	A	M	J	J	A	S	O	N	D
Flowers												
Cucumbers												
Broccoli												
Cauliflower												
Spinach												
Blueberries												
Raspberries												
Strawberries												

Washington State Agricultural Crop Areas												
Major Crops	Tri-Cities and Walla Walla Crop Areas											
	J	F	M	A	M	J	J	A	S	O	N	D
Asparagus												
Apples												
Cherries												
Apricots												
Peaches												
Pears												
Onions												
Strawberries												

Washington State Agricultural Crop Areas												
Major Crops	Bingen, Sunnyside and Yakima Areas											
	J	F	M	A	M	J	J	A	S	O	N	D
Asparagus												
Apples												
Cherries												
Peaches												
Pears												
Grapes												
Hops												
Vegetables												

Washington State Agricultural Crop Areas												
Major Crops	Moses Lake Crop Area											
	J	F	M	A	M	J	J	A	S	O	N	D
Asparagus												
Apples												
Cherries												
Peaches												
Potatoes												

AGRICULTURAL LABOR SURVEY
EMPLOYMENT AND WAGE DETAIL BY CROP ACTIVITY
JANUARY 2007

TABLE 1

JANUARY 2007

**Agricultural Farm Labor Report, Washington State
Estimated Number of Domestic Seasonal Hired Workers
by Place of Origin**

Agricultural Reporting Area	Local	Intra-state	Inter-state	Foreign	Unknown	Area Total
1. Western	1,454	44	207	0	447	2,152
2. South Central	1,900	106	56	658	78	2,798
3. North Central	1,215	18	0	581	35	1,849
4. Columbia Basin	1,310	0	18	0	127	1,455
5. South Eastern	686	2	0	480	181	1,349
6. Eastern	125	0	0	0	8	133
State Totals	6,692	169	281	1,719	875	9,736
% State Total	68.7%	1.7%	2.9%	17.7%	9.0%	100%

DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007

State: WASHINGTON

Area Name: **WESTERN** (Clallam, Clark, Cowlitz, Grays Harbor, Island, Jefferson, King, Kitsap, Lewis, Mason, Pacific, Pierce, San Juan, Skagit, Skamania, Snohomish, Thurston, Wahkiakum, Whatcom)

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

1. Total domestic seasonal hired workers	2,152
a. Local	1,454
b. Intrastate migratory	44
c. Interstate migratory	207
d. Foreign	0
e. Unknown	447
2. Origin of nonlocal domestic seasonal hired workers	
a. Intrastate: Wenatchee	
b. Interstate: California, Texas	
c. Foreign: None	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The January 2007 estimate for regular hired farm workers in this agricultural area was 5,897.
 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions: Weather conditions were wetter and colder than normal for the reporting period. Primary agricultural activities were potato warehouse work, raspberry pruning and bulbs warehouse work.
 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in January averaged \$8.19 per hour. Hourly wages ranged from \$7.93 for bulbs sorter/grader/packer, blueberry pruner and nursery planter to \$15.00 for potato worker. No piece rates were reported. Housing was limited. Transportation was provided by the workers.
 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated at 67.6% local, 2.0% intrastate, 9.6% interstate, foreign 0.0% and 20.8% unknown.
 - d. Changes in production practices: None reported.
 - e. Explanation of differences in employment from same period last year: None.
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DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area 1: WESTERN (Clallam, Clark, Cowlitz, Grays Harbor, Island, Jefferson, Lewis, King, Kitsap, Mason, Pacific, Pierce, San Juan, Skagit, Skamania, Snohomish, Thurston, Wahkiakum, and Whatcom Counties)

SECTION A. ALL SEASONAL HIRED FARM WORKERS		
EMPLOYMENT AND WAGES BY CROP ACTIVITY		
CROP ACTIVITY	ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
	TOTAL	2,152
		* = piece rate
Potato Sorter/Grader/Packer	849	\$ 8.10
Raspberry Pruner	470	Not Available
Bulbs Sorter/Grader/Packer	296	\$ 7.93
Raspberry Sorter/Grader/Packer	218	\$ 7.99
Blueberry Pruner	136	\$ 7.93
Misc Vegetables Sorter/Grader/	47	\$10.01
Potato Worker	30	\$15.00
Misc Grain & Seed Crops Sorter	18	\$13.50
Rhubarb Harvester	17	\$ 8.50
Misc Vegetables Planter	13	\$10.67
Misc Vegetables Worker	13	\$ 8.89
Bulbs Worker	11	\$ 8.32
Misc Onion Harvester	8	\$ 8.50
Beets Harvester	8	\$ 8.50
Nursery Planter	6	\$ 7.93
Bulbs Forklift Driver	6	\$ 8.60
Pumpkin Worker	4	\$ 8.00
Nursery Worker	3	\$ 8.70

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN WESTERN AREA 1 \$ 8.19/hr (weighted average)

DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007

State: WASHINGTON

Area Name: **SOUTH CENTRAL** (Klickitat, Yakima)

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

1. Total domestic seasonal hired workers	2,798
a. Local	1,900
b. Intrastate migratory	106
c. Interstate migratory	56
d. Foreign	658
e. Unknown	78
2. Origin of nonlocal domestic seasonal hired workers	
a. Intrastate: Sunnyside, Wenatchee	
b. Interstate: California, Oregon	
c. Foreign: Mexico	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The January 2007 estimate for regular hired farm workers in this agricultural reporting area was 12,961.
 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:
Weather conditions were wetter and colder than normal for the reporting period. Primary agricultural activities were apple pruning, grapes training and pear pruning.
 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in January averaged \$8.17 per hour. Hourly wages ranged from \$7.93 for apple pruner to \$35.00 for apple mechanic. Typical piece rates were \$0.50 to \$3.50 per tree for apple pruning and \$0.90 to \$6.00 per tree for cherry pruning. Housing was limited. Transportation was provided by the workers.
 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated to be 67.9% local, 3.8% intrastate, 2.0% interstate, foreign 23.5% and unknown 2.8%.
 - d. Changes in production practices: None reported.
 - e. Explanation of differences in employment from same period last year: None.
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DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area 2: SOUTH CENTRAL (Klickitat and Yakima Counties)

SECTION A. ALL SEASONAL HIRED FARM WORKERS		
EMPLOYMENT AND WAGES BY CROP ACTIVITY		
CROP ACTIVITY	ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
	TOTAL	2,798
		* = piece rate
Apple Pruner	1,321	\$ 7.93 or * \$ 0.50 - \$ 3.50 per tree
Apple Worker	394	\$ 7.94
Grapes Trainer	341	\$ 9.38
Pear Pruner	195	Not Available
Apple Sorter/Grader/Packer	165	\$ 8.44
Cherry Pruner	158	* \$ 0.90 - \$ 6.00 per tree
Bulbs Sorter/Grader/Packer	81	\$ 8.12
Hops Fertilizer Applicator	50	\$10.00
Grapes Pruner	38	\$ 7.96
Misc Vegetables Mechanic	22	\$11.50
Bulbs Planter	20	\$ 9.97
Apple Preparation	5	Not Available
Apple Mechanic	5	\$35.00
Cherry Preparation	5	Not Available

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN SOUTH CENTRAL AREA 2 \$ 8.17/hr (weighted average)

DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area Name: **NORTH CENTRAL** (Chelan, Douglas, Kittitas, and Okanogan)

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

1.	Total domestic seasonal hired workers	1,849
	a. Local	1,215
	b. Intrastate migratory	18
	c. Interstate migratory	0
	d. Foreign	581
	e. Unknown	35
2.	Origin of nonlocal domestic seasonal hired workers	
	a. Intrastate: Wenatchee	
	b. Interstate: None	
	c. Foreign: Mexico	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The January 2007 estimate for regular hired farm workers in this agricultural reporting area was 8,645.

 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:
Weather conditions were wetter and colder than normal for the reporting period. Primary agricultural activities were apple pruning, cherry pruning, pear pruning and apple warehouse work.

 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in January averaged \$8.89 per hour. Hourly wages ranged from \$7.93 for apple pruner to \$25.00 for horse and equines manager. No piece rates were reported. Housing was limited. Transportation was provided by the workers.

 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated to be 65.7% local, 1.0% intrastate, 0.0% interstate, 31.4% foreign and 1.9% unknown.

 - d. Changes in production practices: None reported.

 - e. Explanation of differences in employment from same period last year: None.
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DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
 State: WASHINGTON

Area 3: NORTH CENTRAL (Chelan, Kittitas, Douglas and Okanogan Counties)

SECTION A. ALL SEASONAL HIRED FARM WORKERS		
EMPLOYMENT AND WAGES BY CROP ACTIVITY		
CROP ACTIVITY	ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
	TOTAL 1,849	* = piece rate
Apple Pruner	1,005	\$ 8.50
Cherry Pruner	402	\$ 9.40
Pear Pruner	201	\$ 7.93
Apple Sorter/Grader/Packer	188	\$ 8.24
Horse and Equines Manager	31	\$25.00
Apple Worker	11	\$11.17
Apple Vehicle Operator	8	\$15.00
Apple Loader	4	\$ 9.50

AVERAGE WAGE RATE FOR SEASONAL WORKERS
 EARNING HOURLY WAGES AS REPORTED BY AG
 PRODUCERS IN NORTH CENTRAL AREA 3 \$ 8.89/hr (weighted average)

DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area Name: **COLUMBIA BASIN** (Adams and Grant)

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

- | | | |
|----|--|-------|
| 1. | Total domestic seasonal hired workers | 1,455 |
| | a. Local | 1,310 |
| | b. Intrastate migratory | 0 |
| | c. Interstate migratory | 18 |
| | d. Foreign | 0 |
| | e. Unknown | 127 |
| | | |
| 2. | Origin of nonlocal domestic seasonal hired workers | |
| | a. Intrastate: None | |
| | b. Interstate: California | |
| | c. Foreign: None | |
-

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The January 2007 estimate for regular hired farm workers in this agricultural reporting area was 4,274.

 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:
Weather conditions were wetter and colder than normal for the reporting period. Primary agricultural activities were apple pruning, potato warehouse work, cherry pruning and bulbs warehouse work.

 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in January averaged \$8.03 per hour. Hourly wages ranged from \$7.93 for bulbs sorter/grader/packer and general farm worker to \$9.95 for apple forklift driver. Typical piece rates were: \$0.40 to \$2.00 per tree for apple pruning. Housing was limited. Transportation was provided by the workers.

 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated to be 90.0% local, 0.0% intrastate, 1.2% interstate 0.0% foreign and 8.8% unknown.

 - d. Changes in production practices: None reported.

 - e. Explanation of differences in employment from same period last year: None.
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DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area 4: COLUMBIA BASIN (Adams and Grant Counties)

SECTION A. ALL SEASONAL HIRED FARM WORKERS		
EMPLOYMENT AND WAGES BY CROP ACTIVITY		
CROP ACTIVITY	ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
	TOTAL 1,455	* = piece rate
Apple Pruner	788	\$ 7.87 or * \$ 0.40 - \$ 2.00 per tree
Potato Sorter/Grader/Packer	186	\$ 7.96
Cherry Pruner	137	\$ 7.95
Bulbs Sorter/Grader/Packer	116	\$ 7.93
Pear Pruner	87	Not Available
Potato Vehicle Operator	27	\$ 9.60
Potato Worker	23	\$ 9.88
Misc Onion Preparation	20	\$ 9.00
Potato Mechanic	13	\$ 9.50
Misc Onion Mechanic	9	\$ 9.00
Potato Forklift Driver	9	\$ 9.12
Alfalfa Tractor Operator	7	\$ 8.00
Potato Loader	6	\$ 8.00
Misc Onion Vehicle Operator	4	\$ 9.00
General Farm Irrigator	4	\$ 7.93
Apple Forklift Driver	4	\$ 9.95
Apricot Weeder	4	\$ 8.00
Apricot Pruner	4	Not Available
Apple Weeder	4	\$ 8.00
Misc Vegetables Weeder	2	\$ 8.00

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN COLUMBIA BASIN AREA 4 \$ 8.03/hr (weighted average)

DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area Name: **SOUTHEASTERN** (Benton, Franklin, & Walla Walla)

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

- | | |
|--|-------|
| 1. Total domestic seasonal hired workers | 1,349 |
| a. Local | 686 |
| b. Intrastate migratory | 2 |
| c. Interstate migratory | 0 |
| d. Foreign | 480 |
| e. Unknown | 181 |
2. Origin of nonlocal domestic seasonal hired workers
- a. Intrastate: Warden
 - b. Interstate: None
 - c. Foreign: Mexico

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The January 2007 estimate for regular hired farm workers in this agricultural reporting area was 5,709.
2. Factors affecting the farm labor supply and demand situation:
- a. Crop, market, and weather conditions:
Weather conditions were wetter and colder than normal for the reporting period. Primary agricultural activities were apple pruning, chicken eggs work and cherry pruning.
 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in January averaged \$8.06 per hour. Hourly wages ranged from \$7.96 for apple pruner to \$19.50 for wheat worker. Typical piece rates were: \$0.40 to \$2.25 per tree for apple pruning. Housing was limited. Transportation was provided by the workers.
 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated to be 50.8% local, 0.2% intrastate, 0.0% interstate, 35.6% foreign and 13.4% unknown.
 - d. Changes in production practices: None reported.
 - e. Explanation of differences in employment from same period last year: None.
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DOMESTIC AGRICULTURAL LABOR REPORT

Period: JANUARY 2007
State: WASHINGTON

Area 5: SOUTH EASTERN (Benton, Franklin and Walla Walla Counties)

SECTION A. ALL SEASONAL HIRED FARM WORKERS		
EMPLOYMENT AND WAGES BY CROP ACTIVITY		
CROP ACTIVITY	ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
	TOTAL 1,349	* = piece rate
Apple Pruner	839	\$ 7.96 or * \$ 0.40 - \$ 2.25 per tree
Chicken Eggs Loader	227	\$ 8.25
Cherry Pruner	151	\$ 7.94
Grapes Trainer	51	\$ 8.07
Grapes Pruner	28	\$ 8.25
Apple Worker	16	\$ 8.22
Pear Pruner	14	\$ 8.00
Wheat Worker	7	\$19.50
General Farm Worker	6	\$12.00
Misc Grain & Seed Crops Sorter	5	\$ 8.40
Wheat Vehicle Operator	3	\$12.00
Cherry Worker	3	\$ 8.75

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN SOUTH EASTERN AREA 5 \$ 8.06/hr (weighted average)