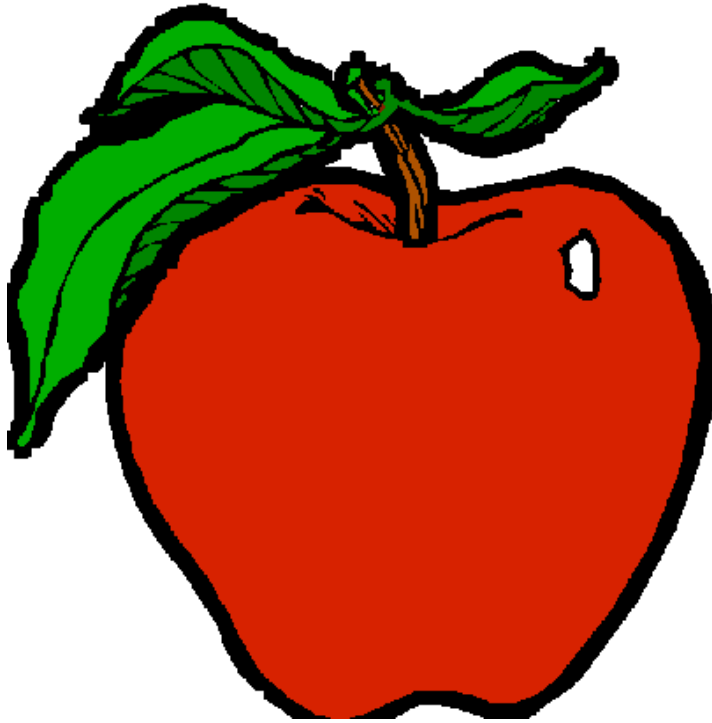




SEASONAL FARM LABOR EMPLOYMENT AND WAGE TRENDS

OCTOBER 2003



Prepared by

John Wines, Economic Analyst
Judy Anderson, Data Compiler

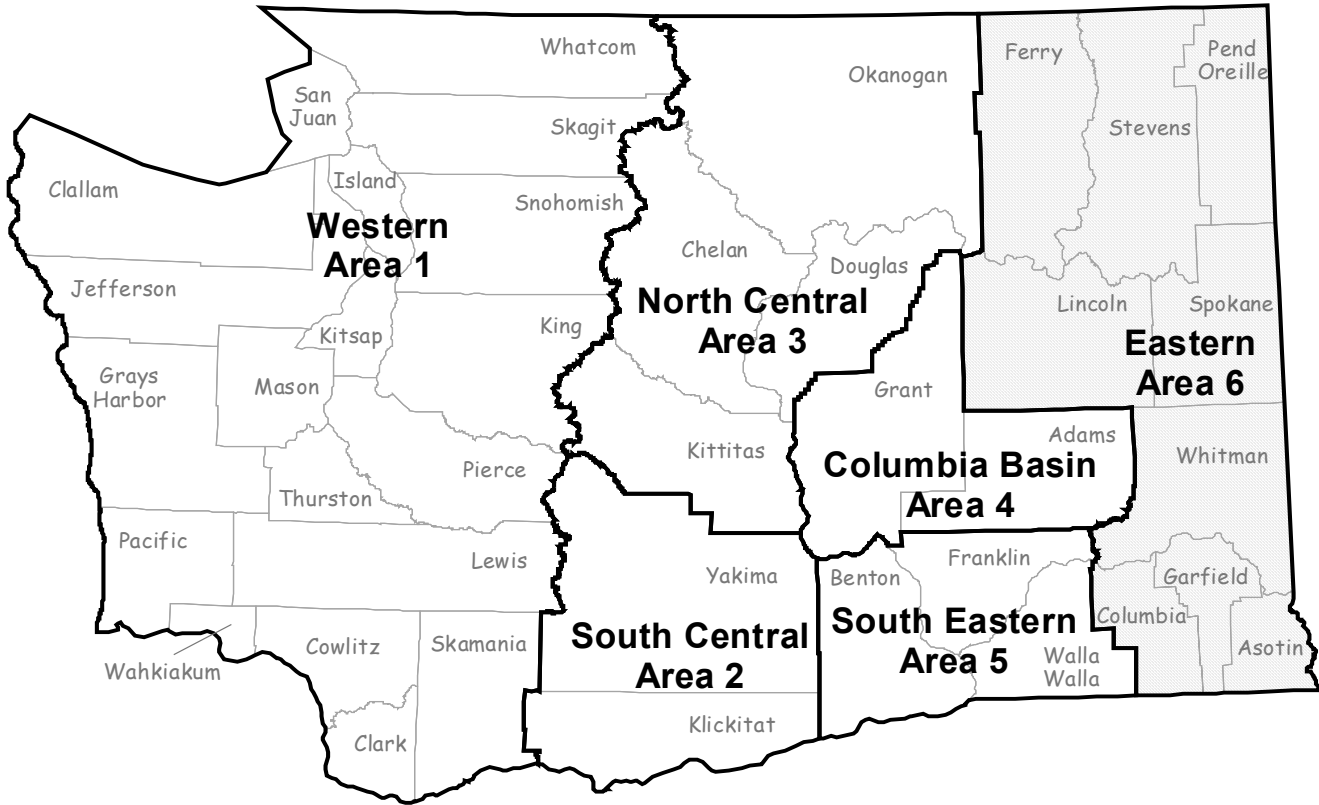
Labor Market and Economic Analysis Branch
Greg Weeks, Director
Washington State Employment Security Department

For More Information Contact: John Wines Telephone: (360) 438-4843
E-mail: jwines@esd.wa.gov or call the Labor Market
Information Center toll free: 1-800-215-1617

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

OCTOBER 2003

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

Total seasonal agricultural employment continued to pull back in October 2003 with a decline of 2.6% from October 2002. This was largely driven by a smaller apple harvest with seasonal employment decreasing by 2,614 from October 2002. Other crops declining over-the-year were miscellaneous vegetables work (-421) and other tree fruit work (-158). Pears led the statewide seasonal employment increase with an over-the-year bump of 1,190 from October 2002. Other gainers were raspberry work (361), grapes work (154), nursery work (150) and onion work (122). Regionally, Western (Area 1) seasonal employment advanced by a whopping 20.8%, led by a bump in pear work (361). South Central (Area 2) led the decrease with a 23.2% decline. Apple work was the largest contributor to this (-4,658) over-the-year loss. North Central (Area 3) seasonal employment edged up by a respectable 10.4% courtesy of a good-sized increase in pear work (688). Columbia Basin (Area 4) seasonal employment took a slight dip of 3.1%. A decrease in potato work (-467) was the main reason. South Eastern (Area 5) seasonal employment ramped up by 16.4%. Apple work, primarily harvest, was the leader (1,095). Eastern (Area 6) increased over the year by 85.4%. This was due to increases in both other seasonal work (48) and wheat/grain work (40).

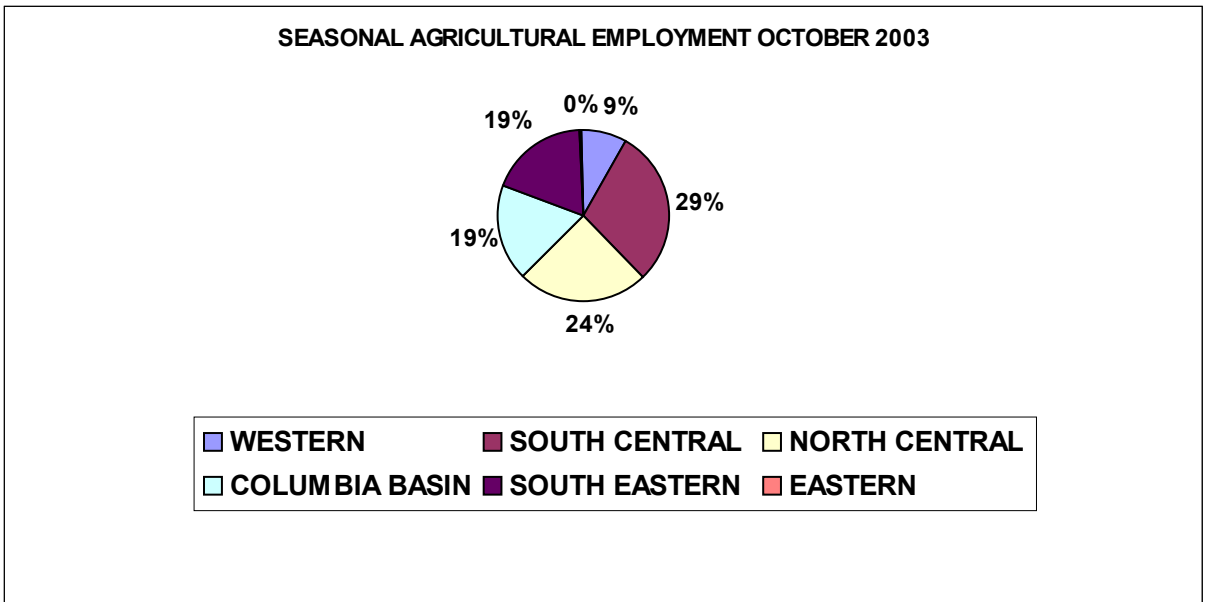
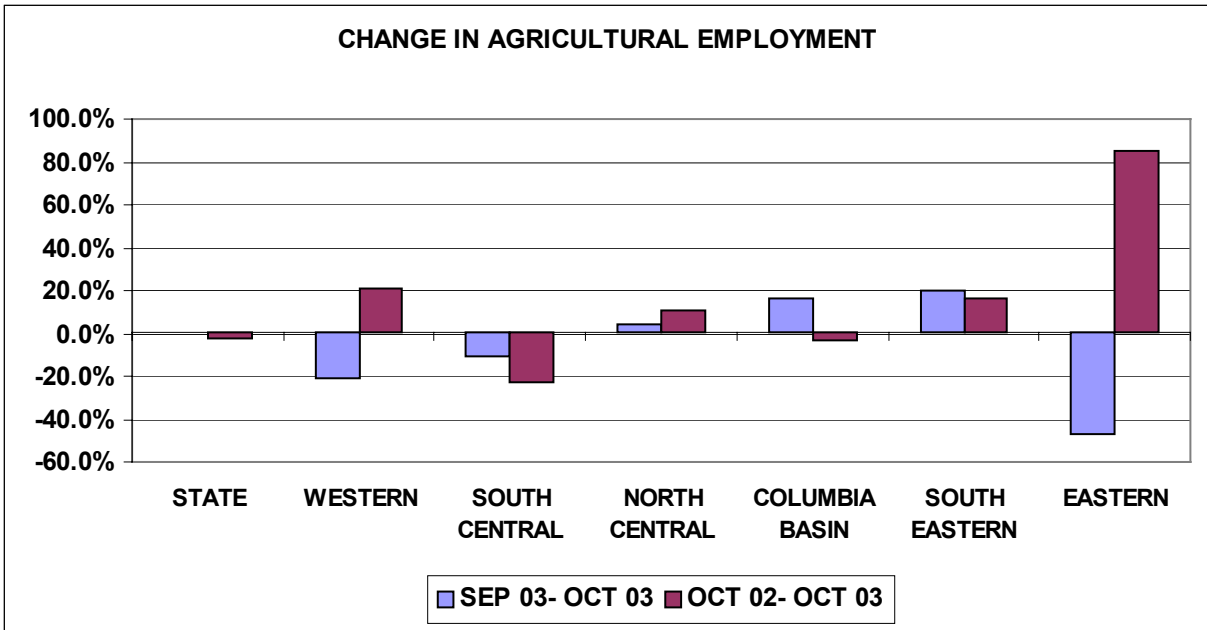
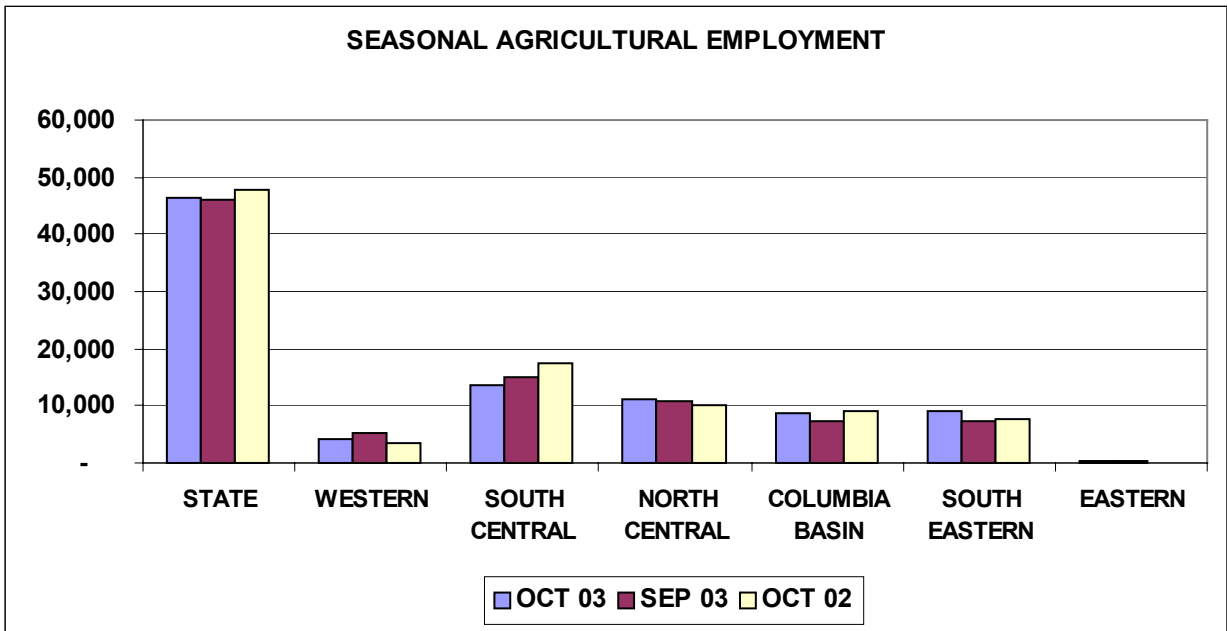
ECONOMIC FACTORS IMPACTING AGRICULTURE

Washington apple growers sold a record \$1.02 billion worth of apples in 2002, even as total sales of Washington farm products barely grew from the previous year, the state Agricultural Statistics Service reported. It was only the second time in history that Washington apple sales topped the \$1 billion barrier, beating the previous record set in 1995 by \$3 million. Washington is the nation's top apple producer, growing about half the U.S. crop.

The total value of Washington crops in 2002 was \$5.53 billion, only \$180 million more than the year before. But that was still good news for the farmers. "Overall, Washington farmers fared a little better than the rest of the nation," said Ray Garibay, director of the statistics service. "Nationally, farm cash receipts declined more than 3 percent between 2001 and 2002."

At a time when the state's aerospace and computer industries are battered, agriculture is an island of stability, said Valoria Loveland, director of the state Department of Agriculture. Sales by the state's farmers are only the tip of the iceberg, as many of their products are processed into higher-value products like wine, juice, french fries and other foods. "Agriculture is the state's largest employer, providing jobs for 170,000 people and contributing almost \$29 billion, or 13 percent, to the state's economy," Loveland said. Grapes, which include wine grapes and those grown for juice and jellies, posted record sales of \$135 million, because of the increased value of wine grapes. Onions had the sweetest increase, growing 57 percent to \$100 million.

SEASONAL AGRICULTURAL EMPLOYMENT							
	<u>OCT 03</u>	<u>SEP 03</u>	<u>OCT 02</u>	CHANGE		PERCENT CHANGE	
				<u>SEP 03- OCT 03</u>	<u>OCT 02- OCT 03</u>	<u>SEP 03- OCT 03</u>	<u>OCT 02- OCT 03</u>
STATE	46,530	46,200	47,790	330	(1,260)	0.7%	-2.6%
WESTERN	4,041	5,101	3,344	(1,060)	697	-20.8%	20.8%
SOUTH CENTRAL	13,517	15,072	17,597	(1,555)	(4,080)	-10.3%	-23.2%
NORTH CENTRAL	11,232	10,821	10,176	411	1,056	3.8%	10.4%
COLUMBIA BASIN	8,651	7,451	8,926	1,200	(275)	16.1%	-3.1%
SOUTH EASTERN	8,898	7,394	7,644	1,504	1,254	20.3%	16.4%
EASTERN	191	361	103	(170)	88	-47.1%	85.4%



STATEWIDE AND REGIONAL TRENDS

Statewide seasonal employment decreased 2.6% from October 2002 to October 2003. This was primarily due to a 7.0% decrease in apple harvest employment. However seasonal employment inched up statewide by 0.7% from September 2003 to October 2003. The crop activity expanding the most in employment from October 2002 to October 2003 was pear work (1,190). Apple work had the greatest decline in employment (-2,614) for that same time period. Apple work added the most workers (5,385) from September 2003 to October 2003. During that same time period, pear work shed the greatest number of jobs (-1,504). The statewide weighted seasonal wage for hourly paid farm workers for October 2003 was \$7.65 per hour.

STATE	CROP			CHANGE		PERCENT CHANGE	
	OCT 03	SEP 03	OCT 02	SEP 03- OCT 03	OCT 02- OCT 03	SEP 03- OCT 03	OCT 02- OCT 03
Apples	34,891	29,506	37,505	5,385	(2,614)	18.3%	-7.0%
Blueberry	357	340	384	17	(27)	5.0%	-7.0%
Bulb	123	117	138	6	(15)	5.1%	-10.9%
Cherries	19	24	25	(5)	(6)	-20.8%	-24.0%
Cucumbers	25	226	81	(201)	(56)	-88.9%	-69.1%
Grapes	1,328	1,073	1,174	255	154	23.8%	13.1%
Hop	23	1,401	118	(1,378)	(95)	-98.4%	-80.5%
Misc Vegetables	1,167	2,311	1,588	(1,144)	(421)	-49.5%	-26.5%
Nursery	819	1,139	669	(320)	150	-28.1%	22.4%
Onion	464	653	342	(189)	122	-28.9%	35.7%
Other Seasonal	1,021	1,399	942	(378)	79	-27.0%	8.4%
Other Tree Fruit	149	1,216	307	(1,067)	(158)	-87.7%	-51.5%
Pears	1,523	3,027	333	(1,504)	1,190	-49.7%	357.4%
Potato	3,635	2,368	3,606	1,267	29	53.5%	0.8%
Raspberry	857	1,138	496	(281)	361	-24.7%	72.8%
Strawberry	0	36	0	(36)	0	-100.0%	0.0%
Wheat/Grain	130	215	82	(85)	48	-39.5%	58.5%

**Crop detail may not add due to rounding

Western (Area 1) seasonal employment ramped up by an impressive 20.8% from October 2002 to October 2003. However, this was contrasted by a 20.8% decrease in seasonal employment from September 2003 to October 2003. Raspberry work was the crop activity that rose the most (361) in employment from October 2002 to October 2003. Cucumber work displayed the largest decline (-56) in employment for that same time period. Potato work expanded up by the largest employment (196) from September 2003 to October 2003. Miscellaneous vegetables work retreated by the greatest amount (-569) during that same time period. The weighted seasonal wage for hourly paid farm workers for October 2003 in Area 1 was \$7.46 per hour. (See pages 14 -16 for Area 1 detail)

AREA 1 SEASONAL AGRICULTURAL EMPLOYMENT**

WESTERN				CHANGE		PERCENT CHANGE	
	<u>OCT 03</u>	<u>SEP 03</u>	<u>OCT 02</u>	SEP 03-	OCT 02-	SEP 03-	OCT 02-
				OCT 03	OCT 03	OCT 03	OCT 03
CROP							
Blueberry	357	340	384	17	(27)	5.0%	-7.0%
Bulb	123	117	138	6	(15)	5.1%	-10.9%
Cucumbers	25	226	81	(201)	(56)	-88.9%	-69.1%
Misc Vegetables	671	1,240	563	(569)	108	-45.9%	19.2%
Nursery	754	966	600	(212)	154	-21.9%	25.7%
Other Seasonal	202	185	199	17	3	9.2%	1.5%
Potato	1,038	842	881	196	157	23.3%	17.8%
Raspberry	857	1,138	496	(281)	361	-24.7%	72.8%
Rhubarb	10	4	2	6	8	150.0%	400.0%
Strawberry	0	36	0	(36)	0	-100.0%	0.0%

**Crop detail may not add due to rounding

South Central (Area 2) seasonal employment contracted by 23.2% from October 2002 to October 2003. This was greater than the 10.3% decrease in employment from September 2003 to October 2003. Pear work was the crop activity expanding the most (829) in employment from October 2002 to October 2003. Apple work declined by the largest amount (-4,658) for that same time period due to a smaller harvest. The largest month-to-month growth in employment from September 2003 to October 2003 was apple work (1,291). Hop work posted the greatest loss in employment (-1,121) for that same time period. The weighted seasonal wage for hourly paid farm workers for October 2003 in Area 2 was \$7.54 per hour. (See pages 17 - 19 for Area 2 detail)

AREA 2 SEASONAL AGRICULTURAL EMPLOYMENT

SOUTH CENTRAL				CHANGE		PERCENT CHANGE	
	<u>OCT 03</u>	<u>SEP 03</u>	<u>OCT 02</u>	SEP 03-	OCT 02-	SEP 03-	OCT 02-
				OCT 03	OCT 03	OCT 03	OCT 03
CROP							
Apples	11,286	9,995	15,944	1,291	(4,658)	12.9%	-29.2%
Cherries	19	0	18	19	1	0.0%	5.6%
Grapes	661	495	704	166	(43)	33.5%	-6.1%
Hop	23	1,144	118	(1,121)	(95)	-98.0%	-80.5%
Misc Vegetables	284	323	290	(39)	(6)	-12.1%	-2.1%
Onion	0	101	0	(101)	0	-100.0%	0.0%
Other Seasonal	262	297	158	(35)	104	-11.8%	65.8%
Other Tree Fruit	6	820	224	(814)	(218)	-99.3%	-97.3%
Pears	970	1,836	141	(866)	829	-47.2%	587.9%
Potato	8	59	0	(51)	8	-86.4%	0.0%

**Crop detail may not add due to rounding

North Central (Area 3) seasonal employment displayed a net gain of 10.4% from October 2002 to October 2003. This was accompanied by a weaker bump of only 3.8% in employment in from September 2003 to October 2003. The crop activity posting the greatest over-the-year increase in employment from October 2002 to October 2003 was pear work (688). During that same time period, no crops decreased in employment, but other tree fruit had the smallest increase (14) in employment. Apple work experienced the largest increase in employment (773) from September 2003 to October 2003. Pear work exhibited the largest downturn in employment (-320) during that same time period. The weighted seasonal wage for hourly paid farm workers for October 2003 in Area 3 was \$7.93 per hour. (See pages 20 and 21 for Area 3 detail)

AREA 3 SEASONAL AGRICULTURAL EMPLOYMENT							
NORTH CENTRAL				CHANGE		PERCENT CHANGE	
	OCT 03	SEP 03	OCT 02	SEP 03- OCT 03	OCT 02- OCT 03	SEP 03- OCT 03	OCT 02- OCT 03
CROP							
Apples	10,563	9,790	9,929	773	634	7.9%	6.4%
Cherries	0	24	4	(24)	20	-100.0%	500.0%
Other Seasonal	64	152	89	(88)	63	-57.9%	70.8%
Other Tree Fruit	83	14	0	69	14	492.9%	0.0%
Pears	522	842	154	(320)	688	-38.0%	446.8%
**Crop detail may not add due to rounding							

Columbia Basin (Area 4) seasonal employment fell 3.1% from October 2002 to October 2003. This was contrasted by a gain of 16.1% in employment from September 2003 to October 2003. Apple work displayed the greatest upturn (315) in employment from October 2002 to October 2003. Potato work experienced the largest downturn (-467) in employment during that same time period. Apple work advanced the most (1,408) in employment from September 2003 to October 2003. Pear work showed the weakest demand (-318) in employment during that same time period. The weighted seasonal wage for hourly paid farm workers for October 2003 in Area 4 was \$7.82 per hour. (See pages 22 and 23 for Area 4 detail)

AREA 4 SEASONAL AGRICULTURAL EMPLOYMENT							
COLUMBIA BASIN				CHANGE		PERCENT CHANGE	
	OCT 03	SEP 03	OCT 02	SEP 03- OCT 03	OCT 02- OCT 03	SEP 03- OCT 03	OCT 02- OCT 03
CROP							
Apples	6,662	5,254	6,347	1,408	315	26.8%	5.0%
Mint	0	20	42	(20)	(42)	-100.0%	-100.0%
Misc Vegetables	19	36	41	(17)	(22)	-47.2%	-53.7%
Nursery	40	117	44	(77)	(4)	-65.8%	-9.1%
Onion	142	220	144	(78)	(2)	-35.5%	-1.4%
Other Seasonal	102	305	144	(203)	(42)	-66.6%	-29.2%
Pears	31	349	38	(318)	(7)	-91.1%	-18.4%
Potato	1,649	1,133	2,116	516	(467)	45.5%	-22.1%
Wheat/Grain	8	19	10	(11)	(2)	-57.9%	-20.0%
**Crop detail may not add due to rounding							

South Eastern (Area 5) seasonal employment expanded by 16.4% from October 2002 to October 2003. October 2003 employment moved ahead by 20.3% over September 2003. Apple work charged up by the greatest amount (1,095) from October 2002 to October 2003. Miscellaneous vegetables work scaled back by the largest (-509) employment during that same time period. Due to harvest activity, apple work propelled up by the largest amount (1,913) of employment from September 2003 to October 2003. Miscellaneous vegetables work displayed the weakest demand (-525) for employment for that same time period. The weighted seasonal wage for hourly paid farm workers for October 2003 in Area 5 was \$7.69 per hour. (See pages 24 - 26 for Area 5 detail)

AREA 5 SEASONAL AGRICULTURAL EMPLOYMENT							
SOUTH EASTERN				CHANGE		PERCENT CHANGE	
	<u>OCT 03</u>	<u>SEP 03</u>	<u>OCT 02</u>	<u>SEP 03- OCT 03</u>	<u>OCT 02- OCT 03</u>	<u>SEP 03- OCT 03</u>	<u>OCT 02- OCT 03</u>
CROP							
Apples	6,380	4,467	5,285	1,913	1,095	42.8%	20.7%
Cherries	0	0	3	0	(3)	0.0%	-100.0%
Grapes	667	578	470	89	197	15.4%	41.9%
Hop	0	257	0	(257)	0	-100.0%	0.0%
Misc Vegetables	183	708	692	(525)	(509)	-74.2%	-73.6%
Nursery	9	6	10	3	(1)	50.0%	-10.0%
Onion	322	332	198	(10)	124	-3.0%	62.6%
Other Seasonal	311	311	278	0	33	0.0%	11.9%
Other Tree Fruit	60	382	83	(322)	(23)	-84.3%	-27.7%
Potato	940	334	609	606	331	181.4%	54.4%
Wheat/Grain	26	15	16	11	10	73.3%	62.5%
**Crop detail may not add due to rounding							

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

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 SEASONAL FARM LABOR REPORT
Washington State Employment Security, Labor Market and Economic Analysis

FARM LABOR ABSTRACT
OCTOBER 2003

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 another 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: 4,041 (3,218 local, 44 intrastate, 530 interstate, 84 foreign, 165 unknown)

Potato Sorter/Grader/Packer	901	\$ 7.84/hr
Raspberry Pruner	498	\$ 7.01/hr or \$ 0.08 - \$ 0.18/plant
Raspberry Trainer	271	\$ 7.01/hr or \$ 0.08 - \$ 0.18/plant
Broccoli Harvester	227	\$ 7.25/hr

SOUTH CENTRAL (Klickitat and Yakima Counties)

Estimated seasonal workforce: 13,517 (10,078 local, 906 intrastate, 893 interstate, 1,083 foreign, 557 unknown)

Apple Harvester	9,563	\$ 7.30/hr or \$11.00 - \$25.00/bin
Pear Sorter/Grader/Packer	655	\$ 8.00/hr
Apple Worker	581	\$ 7.61/hr
Grapes Harvester	524	\$ 8.08/hr

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

Estimated seasonal workforce: 11,232 (9,590 local, 368 intrastate, 1,168 interstate, 97 foreign, 10 unknown)

Apple Harvester	9,702	\$ 8.37/hr or \$11.00 - \$30.00/bin
Apple Worker	579	\$ 7.70/hr
Pear Harvester	502	\$ 7.85/hr
Apple Tractor Operator	163	\$ 9.69/hr

COLUMBIA BASIN (Adams and Grant Counties)

Estimated seasonal workforce: 8,651 (5,499 local, 0 intrastate, 103 interstate, 971 foreign, 2,078 unknown)

Apple Harvester	5,797	\$ 7.49/hr or \$12.00 - \$25.00/bin
Potato Sorter/Grader/Packer	713	\$ 7.23/hr
Potato Vehicle Operator	348	\$ 9.58/hr
Apple Pruner	267	\$ 7.01/hr

SOUTH EASTERN (Benton, Franklin and Walla Walla Counties)

Estimated seasonal workforce: 8,898 (7,956 local, 129 intrastate, 301 interstate, 294 foreign, 218 unknown)

Apple Harvester	6,230	\$ 7.16/hr or \$11.00 - \$22.00/bin
Grapes Harvester	655	\$ 7.38/hr or \$12.00 - \$45.00/bin
Potato Sorter/Grader/Packer	487	\$ 7.45/hr
Potato Vehicle Operator	337	\$ 9.20/hr

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

Estimated seasonal workforce: 191 (191 local, 0 intrastate, 0 interstate, 0 foreign, 0 unknown)

Wheat Tractor Operator	80	\$ 8.90/hr
Misc Grain & Seed Crops Vehicle Operator	48	\$ 8.50/hr
Beef Cattle Worker	16	\$12.00/hr
Wheat Worker	16	\$10.00/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												

SEASONAL FARM LABOR SURVEY
EMPLOYMENT AND WAGE DETAIL BY CROP ACTIVITY
OCTOBER 2003

TABLE 1

OCTOBER 2003

Seasonal 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	3,218	44	530	84	165	4,041
2. South Central	10,078	906	893	1,083	557	13,517
3. North Central	9,590	368	1,168	97	10	11,232
4. Columbia Basin	5,499	0	103	971	2,078	8,651
5. South Eastern	7,956	129	301	294	218	8,898
6. Eastern	191	0	0	0	0	191
State Totals	36,532	1,447	2,995	2,529	3,027	46,530
% State Total	78.5%	3.1%	6.4%	5.4%	6.5%	100%

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	4,041
a. Local	3,218
b. Intrastate migratory	44
c. Interstate migratory	530
d. Unknown	84
e. Foreign	165
2. Origin of nonlocal domestic seasonal hired workers	
a. Intrastate: Mount Vernon	
b. Interstate: California, Texas	
c. Foreign: Mexico	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:

The October 2003 estimate for regular hired farm workers in this agricultural area was 7,540.

2. Factors affecting the farm labor supply and demand situation:

a. Crop, market, and weather conditions:

Weather conditions were warmer and wetter than normal for the reporting period. Record rainfall flooded some fields, damaging corn silage, potato, seed and nursery crops. There were a record number of squash and pumpkin crops. Apple harvest continued. Raspberry growers were in the process of caning their fields.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in October averaged \$7.46 per hour. Hourly wages ranged from \$7.01 for raspberry pruner, raspberry trainer, cauliflower harvester, nursery weeder, bulbs sorter/grader/packer, nursery loader, raspberry sorter/grader/packer, cranberry sorter/grader/packer, carrot harvester, nursery irrigator, pumpkin worker, raspberry weeder, potato worker, cabbage worker and general farm worker to \$13.00 for miscellaneous vegetables worker. Typical piece rates were: \$0.08 to \$0.18 per plant for both raspberry pruning and training. Housing was limited; transportation was provided by the workers.

c. Recruitment and composition of seasonal hired work force:

The labor force was estimated at 79.6% local, 1.1% intrastate, 13.1% interstate, 2.1% foreign and 4.1% unknown.

d. Changes in production practices: None reported.

e. Explanation of differences in employment from same period last year: None.

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	* = piece rate
Potato Sorter/Grader/Packer	901	\$ 7.84
Raspberry Pruner	498	\$ 7.01 or * \$ 0.08 - \$ 0.18 per plant
Raspberry Trainer	271	\$ 7.01 or * \$ 0.08 - \$ 0.18 per plant
Broccoli Harvester	227	\$ 7.25
Blueberry Pruner	225	\$ 7.04
Cauliflower Harvester	202	\$ 7.01
Nursery Planter	199	\$ 7.42
Nursery Sorter/Grader/Packer	143	\$ 7.93
Blueberry Sorter/Grader/Packer	132	\$ 7.15
Nursery Weeder	118	\$ 7.01
Bulbs Sorter/Grader/Packer	106	\$ 7.01
Nursery Loader	93	\$ 7.01
Apple Harvester	93	\$ 7.25
Misc Squash Harvester	76	\$ 7.40
Nursery Worker	68	\$ 7.24
Raspberry Sorter/Grader/Packer	68	\$ 7.01
Nursery Harvester	65	\$ 7.48
Cranberry Sorter/Grader/Packer	59	\$ 7.01
Carrot Harvester	51	\$ 7.01
Potato Harvester	51	\$ 7.44
Potato Vehicle Operator	47	\$ 9.40
Nursery Irrigator	44	\$ 7.01
Pumpkin Worker	30	\$ 7.01
Misc Field Crops Harvester	29	\$ 8.69
Cucumber Harvester	25	\$ 7.40
Sweet Corn Harvester	20	\$ 7.50
Potato Tractor Operator	20	\$10.90
Raspberry Weeder	20	\$ 7.01
Potato Worker	17	\$ 7.01
Bulbs Planter	17	\$ 7.24
Misc Vegetables Harvester	10	\$ 7.40
Rhubarb Harvester	10	\$ 7.50
Pumpkin Harvester	10	\$ 8.00
Beets Harvester	10	\$ 7.40
Cabbage Worker	10	\$ 7.01
Nursery Tractor Operator	9	\$ 8.27

Area 1 (continued)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	* = piece rate
Nursery Mechanized Harvester	9	\$ 8.83
Nursery Vehicle Operator	6	\$12.00
Cauliflower Forklift Driver	5	\$ 7.50
Cauliflower Vehicle Operator	5	\$ 7.50
Celery Harvester	5	\$ 8.00
Lettuce Harvester	5	\$ 8.00
Field Corn Harvester	5	\$ 8.00
Wheat Cultivator	5	\$ 9.25
Wheat Planter	5	\$ 9.25
Misc Vegetables Worker	5	\$13.00
General Farm Worker	2	\$ 7.01
Misc Under Cover Crop Sorter/Grader/Packer	2	\$ 7.50
Potato Mechanized Harvester	2	\$ 9.00
Wheat Combine Driver	2	\$12.00

AVERAGE WAGE RATE FOR SEASONAL WORKERS
 EARNING HOURLY WAGES AS REPORTED BY AG
 PRODUCERS IN WESTERN AREA 1 \$ 7.46/hr (weighted average)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	13,517
a. Local	10,078
b. Intrastate migratory	906
c. Interstate migratory	893
d. Unknown	1,083
e. Foreign	557
2. Origin of nonlocal domestic seasonal hired workers	
a. Intrastate: Mesa, Othello, Pasco, Sunnyside, Wenatchee	
b. Interstate: Arizona, California, Oregon	
c. Foreign: Mexico	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The October 2003 estimate for regular hired farm workers in this agricultural reporting area was 17,854.
 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:
Weather conditions were warmer and wetter than normal for the reporting period. Apple harvest was focused on finishing up the late varieties of Fuji and Pink Lady apples. No new crop losses were reported due to weather.
 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in October averaged \$7.54 per hour. Hourly wages ranged from \$7.01 for miscellaneous field crops weeder, miscellaneous squash sorter/grader/packer, grapes vehicle operator, pear weeder and grapes weeder to \$13.00 for general farm mechanic. Typical piece rates were: \$11.00 to \$25.00 per bin for apple picking. 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 74.6% local, 6.7% intrastate, 6.6% interstate, 8.0% foreign and unknown 4.1%.
 - 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 SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003
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 13,517	* = piece rate
Apple Harvester	9,563	\$ 7.30 or * \$11.00 - \$25.00 per bin
Pear Sorter/Grader/Packer	655	\$ 8.00
Apple Worker	581	\$ 7.61
Grapes Harvester	524	\$ 8.09
Apple Sorter/Grader/Packer	351	\$ 7.25
Apple Tractor Operator	320	\$ 8.03
Pear Harvester	302	Not Available
Apple Pruner	253	\$ 7.10
Misc Peppers Harvester	211	\$ 7.25
Apple Loader	128	Not Available
Misc Field Crops Weeder	126	\$ 7.01
Grapes Worker	59	\$ 7.45
Apple Vehicle Operator	51	\$ 9.82
Grapes Tractor Operator	27	\$ 7.75
Apple Irrigator	26	\$ 8.00
Silage Worker	25	\$ 8.50
Misc Squash Sorter/Grader/Packer	24	\$ 7.01
Misc Vegetables Worker	24	\$ 9.75
Cherry Pruner	19	\$ 7.25
Misc Field Crops Irrigator	19	\$ 7.80
Mint Irrigator	15	\$ 7.50
Misc Field Crops Manager	15	\$ 8.12
Misc Field Crops Tractor Operator	15	\$ 9.20
Misc Peppers Irrigator	15	\$ 9.00
Apple Manager	13	\$ 8.00
Grapes Vehicle Operator	13	\$ 7.01
Pear Weeder	13	\$ 7.01
General Farm Worker	13	\$ 8.00
General Farm Mechanic	13	\$13.00
Grapes Trainer	13	\$ 8.50
Grapes Mechanized Harvester	13	\$ 8.00
Mint Vehicle Operator	13	\$ 9.00
Grapes Weeder	12	\$ 7.01
Hops Vehicle Operator	11	\$ 8.00
Misc Peppers Forklift Driver	10	\$ 9.00
Misc Field Crops Worker	8	Not Available

Area 2 (continued)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003
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	* = piece rate
Hops Irrigator	8	\$ 8.50
Potato Irrigator	8	\$ 7.50
Misc Fruit Trees Worker	6	\$10.00
Hops Tractor Operator	4	\$ 8.00

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN SOUTH CENTRAL AREA 2 \$ 7.54/hr (weighted average)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003
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 11,232
 - a. Local 9,590
 - b. Intrastate migratory 368
 - c. Interstate migratory 1,168
 - d. Unknown 97
 - e. Foreign 10

 - 2. Origin of nonlocal domestic seasonal hired workers
 - a. Intrastate: Beverly, Chelan Falls, Ellensburg, Forks, Omak, Orondo, Oroville, Tonasket, Wenatchee
Woodland, Yakima
 - b. Interstate: Arizona, California, Florida, Oregon, Utah
 - c. Foreign: Mexico
-

SECTION C. REGULAR HIRED FARM WORKERS

- 1. Supply and demand for regular hired farm workers:
The October 2003 estimate for regular hired farm workers in this agricultural reporting area was 12,278.

 - 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:
Weather conditions were warmer and wetter than normal for the reporting period. Alfalfa hay and apple harvests were completed. Apple growers were encouraged by the high quality, but yields were uniformly less. Pear harvest was complete. The pear crop size was smaller than normal. Recent precipitation helped the winter wheat crop's emergence.

 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in October averaged \$7.93 per hour. Hourly wages ranged from \$7.01 for nursery worker, peach worker and miscellaneous fruit trees mechanic to \$22.00 for horse and equines worker. Typical piece rates were: \$11.00 to \$30.00 per bin for apple picking. Housing was very limited. Transportation was provided by the workers.

 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated to be 85.3% local, 3.3% intrastate, 10.4% interstate, 0.9 foreign and 0.1% unknown.

 - d. Changes in production practices: None reported.

 - e. Explanation of differences in employment from same period last year: None.
-

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003
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 11,232	* = piece rate
Apple Harvester	9,702	or * \$11.00 - \$30.00 per bin
Apple Worker	579	
Pear Harvester	502	
Apple Tractor Operator	163	
Apple Trainer	79	
Misc Fruit Trees Worker	76	
Potato Sorter/Grader/Packer	29	
Apple Manager	20	
Pear Worker	15	
Apple Sorter/Grader/Packer	10	
Apple Pruner	10	
Nursery Worker	10	
Misc Field Crops Sorter/Grader/Packer	10	
Misc Hay Tractor Operator	7	
Pear Manager	5	
Peach Worker	5	
Misc Fruit Trees Mechanic	2	
Horse and Equines Worker	2	
Horse and Equines Trainer	2	
Potato Mechanized Harvester	2	
Misc Hay Irrigator	2	

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN NORTH CENTRAL AREA 3 \$ 7.93/hr (weighted average)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	8,651
a. Local	5,499
b. Intrastate migratory	0
c. Interstate migratory	103
d. Unknown	971
e. Foreign	2,078
2. Origin of nonlocal domestic seasonal hired workers	
a. Intrastate: None	
b. Interstate: California, Texas	
c. Foreign: Mexico, Japan	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:
The October 2003 estimate for regular hired farm workers in this agricultural reporting area was 5,368.
 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:
Weather conditions were warmer and wetter than normal for the reporting period. Carrot harvest continued. The end of the fruit season neared as most fruit was harvested prior to cold temperatures settling in October 31. Sweet corn harvest was nearly complete. The fourth cutting of alfalfa was 90 percent complete. The first picking of Pink Lady and Fuji apples was over. The second picking of Fuji and Cameo apples was complete.
 - b. Wages, housing, and transportation:
The weighted seasonal wage for hourly paid farm workers during the pay period in October averaged \$7.82 per hour. Hourly wages ranged from \$7.01 for potato weeder, nursery worker, nursery trainer, carrot weeder, miscellaneous vegetables worker, general farm worker, nursery weeder and nursery tractor operator to \$13.75 for potato manager. Typical piece rates were: \$12.00 to \$25.00 per bin for apple picking. Low cost housing was limited and in short supply. Transportation was provided by the workers.
 - c. Recruitment and composition of seasonal hired work force:
The labor force was estimated to be 63.6% local, 0.0% intrastate, 1.2% interstate, 11.2% foreign and 24.0% unknown. Some employers reported a labor surplus.
 - d. Changes in production practices: None reported.
 - e. Explanation of differences in employment from same period last year: None.
-

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	8,651
		* = piece rate
Apple Harvester	5,797	\$ 7.49 or * \$12.00 - \$25.00 per bin
Potato Sorter/Grader/Packer	713	\$ 7.23
Potato Vehicle Operator	348	\$ 9.58
Apple Pruner	267	\$ 7.01
Apple Worker	204	\$ 8.13
Potato Weeder	191	\$ 7.01
Apple Trainer	189	\$ 7.35
Apple Tractor Operator	157	\$ 8.40
Potato Loader	157	\$ 7.38
Misc Onion Sorter/Grader/Packer	95	\$ 7.32
Potato Tractor Operator	75	\$ 8.68
Potato Mechanized Harvester	59	\$ 9.80
Alfalfa Tractor Operator	54	\$ 9.35
Potato Worker	50	\$ 7.45
Potato Mechanic	46	\$ 8.32
Pear Harvester	31	\$ 7.25
Nursery Worker	24	\$ 7.01
Misc Grain & Seed Crops Combine Driver	18	\$ 8.50
Misc Onion Harvester	18	\$ 7.18
Apple Irrigator	16	\$ 8.00
Apple Mechanic	16	\$ 8.50
Apple Manager	16	\$ 9.50
Misc Onion Vehicle Operator	14	\$ 8.00
Nursery Trainer	13	\$ 7.01
Silage Vehicle Operator	12	\$ 9.00
Potato Manager	10	\$13.75
Pumpkin Harvester	8	\$ 7.75
Wheat Tractor Operator	8	\$10.00
Misc Field Crops Worker	8	\$ 9.00
Alfalfa Mechanized Harvester	6	\$12.00
Carrot Weeder	6	\$ 7.01
Misc Vegetables Worker	5	\$ 7.01
Misc Onion Loader	5	\$ 7.25
Misc Onion Worker	5	\$ 8.50
Misc Onion Forklift Driver	5	\$ 8.00
General Farm Worker	4	\$ 7.01
Nursery Weeder	2	\$ 7.01
Nursery Tractor Operator	1	\$ 7.01

AVERAGE WAGE RATE FOR SEASONAL WORKERS

EARNING HOURLY WAGES AS REPORTED BY AG

PRODUCERS IN COLUMBIA BASIN AREA 4 \$ 7.82/hr (weighted average)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003

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	8,898
a. Local	7,956
b. Intrastate migratory	129
c. Interstate migratory	301
d. Unknown	294
e. Foreign	218
2. Origin of nonlocal domestic seasonal hired workers	
a. Intrastate: Kennewick, Mesa, Pasco	
b. Interstate: California, Oregon	
c. Foreign: Mexico	

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:

The October 2003 estimate for regular hired farm workers in this agricultural reporting area was 8,017.

2. Factors affecting the farm labor supply and demand situation:

a. Crop, market, and weather conditions:

Weather conditions were warmer and wetter than normal for the reporting period. Sweet corn harvest was completed. Carrot harvests continued. Grape and apple harvests were nearly finished. The first cutting of alfalfa neared completion. Winter wheat crops emerged and were looking good. There was still great concern of continued drought conditions and the long term effect of the drought on 2004 crops.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in October averaged \$7.69 per hour. Hourly wages ranged from \$7.01 for miscellaneous onion sorter/grader/packer, pumpkin sorter/grader/packer, miscellaneous field crops sorter/grader/packer, miscellaneous grain & seed crops sorter/grader/packer, grapes worker, contract miscellaneous crop worker and wheat irrigator to \$15.00 for miscellaneous onion mechanic. Typical piece rates were: \$11.00 to \$22.00 per bin for apple picking to \$12.00 to \$45.00 per bin for grapes picking. 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 89.4% local, 1.4% intrastate, 3.4% interstate, 3.3% foreign and 2.5% unknown.

d. Changes in production practices: None reported.

e. Explanation of differences in employment from same period last year: None.

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003
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 8,898	* = piece rate
Apple Harvester	6,230	\$ 7.16 or * \$11.00 - \$22.00 per bin
Grapes Harvester	655	\$ 7.38 or * \$12.00 - \$45.00 per bin
Potato Sorter/Grader/Packer	487	\$ 7.45
Potato Vehicle Operator	337	\$ 9.20
Misc Onion Sorter/Grader/Packer	310	\$ 7.01
Apple Worker	87	\$ 8.42
Field Corn Vehicle Operator	85	\$ 9.20
Misc Fruit Trees Harvester	60	\$ 7.25
Pumpkin Harvester	60	\$ 7.25
Apple Tractor Operator	56	\$ 9.07
Misc Field Crops Harvester	47	Not Available
Pumpkin Sorter/Grader/Packer	47	\$ 7.01
Misc Field Crops Sorter/Grader/Packer	47	\$ 7.01
Potato Tractor Operator	45	\$10.34
Chicken Eggs Worker	35	\$ 7.70
Misc Grain & Seed Crops Sorter/Grader/Packer	35	\$ 7.01
Misc Squash Harvester	30	\$ 7.25
Field Corn Combine Driver	25	\$11.60
Spinach Mechanized Harvester	24	\$ 8.00
Potato Irrigator	21	\$ 8.01
Potato Forklift Driver	21	\$ 8.17
Wheat Worker	13	\$ 7.06
Silage Vehicle Operator	13	\$ 9.00
Potato Mechanized Harvester	11	\$ 8.17
Potato Manager	11	\$11.17
Wheat Tractor Operator	9	\$10.50
Potato Harvester	7	\$ 8.48
Apple Manager	7	\$ 7.65
Grapes Worker	7	\$ 7.01
Sweet Corn Tractor Operator	7	\$ 8.50
Nursery Vehicle Operator	7	\$14.00
Carrot Vehicle Operator	7	Not Available
Alfalfa Mechanized Harvester	6	\$ 8.50
Beans Worker	6	\$ 9.65
Contract Misc Crop Worker	6	\$ 7.01
Misc Onion Vehicle Operator	4	\$10.50

Area 5 (continued)

DOMESTIC AGRICULTURAL SEASONAL FARM LABOR REPORT

Period: OCTOBER 2003
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	* = piece rate
Misc Onion Tractor Operator	4	\$11.00
Misc Onion Mechanic	4	\$15.00
Wheat Irrigator	4	\$ 7.01
Grapes Vehicle Operator	3	\$ 8.00
Misc Field Crops Irrigator	3	\$ 7.01
Misc Hay Irrigator	3	\$ 7.05
Alfalfa Irrigator	3	\$ 8.00
Misc Grain & Seed Crops Irrigator	3	\$ 7.05
Grapes Tractor Operator	2	\$ 9.15
Sweet Corn Preparation	2	\$11.00
Nursery Mechanized Harvester	2	\$10.00

AVERAGE WAGE RATE FOR SEASONAL WORKERS
EARNING HOURLY WAGES AS REPORTED BY AG
PRODUCERS IN SOUTH EASTERN AREA 5 \$ 7.69/hr (weighted average)