



AGRICULTURAL LABOR EMPLOYMENT AND WAGE TRENDS

MARCH 2005



Prepared by

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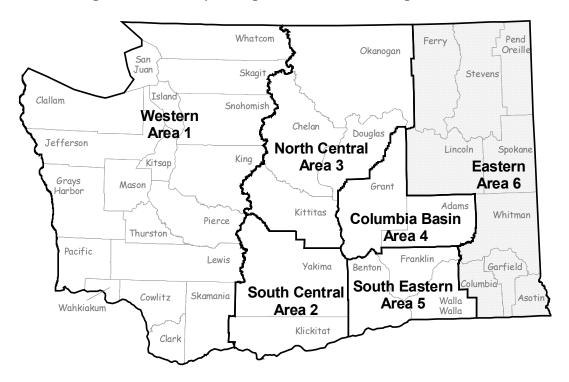
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Report available online at Workforce Explorer-Industry http://www.workforceexplorer.com

MARCH 2005

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

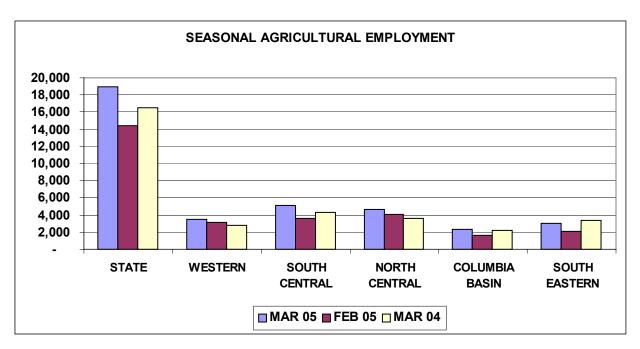
Statewide seasonal employment grew by 14.6% from March 2004 to March 2005. This growth was caused by an increase in nursery work. Agricultural activities displaying over-the-year increases were nursery work (1,417), other tree fruit work (1,032), grapes work (519), apple work (277), raspberry work (264), pear work (261), miscellaneous vegetables work (175), cucumber work (162), other seasonal work (134), hops work (105), onion work (45), blueberry work (42) and asparagus work (22). Activities displaying declines were bulb work (-1,125), cherry work (-709), strawberry work (-117) and potato work (-44). Regionally, Western (Area 1) seasonal employment marched ahead by 25.3%, thanks to an increase in nursery work (1,350). South Central (Area 2) seasonal employment moved forward by 17.3%, due to a growth in other tree fruit work (831). North Central (Area 3) seasonal employment rose by a large 31.0%, courtesy of a large increase in apple work (1,055). Columbia Basin (Area 4) seasonal employment expanded by 8.2%, caused by a growth in other tree fruit work (177). South Eastern (Area 5) seasonal employment experienced a loss of 10.6%, led by a decrease in cherry work (-220). Eastern (Area 6) seasonal employment expanded by 9.9%, due to an increase in nursery work (31).

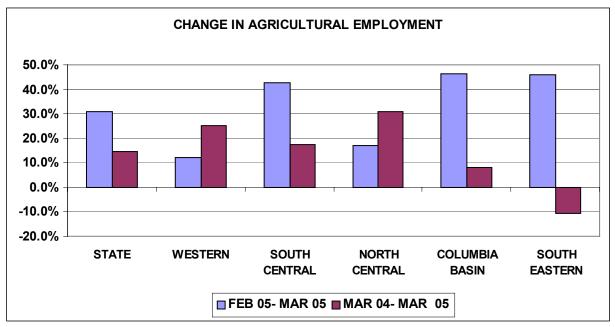
ECONOMIC FACTORS IMPACTING AGRICULTURE

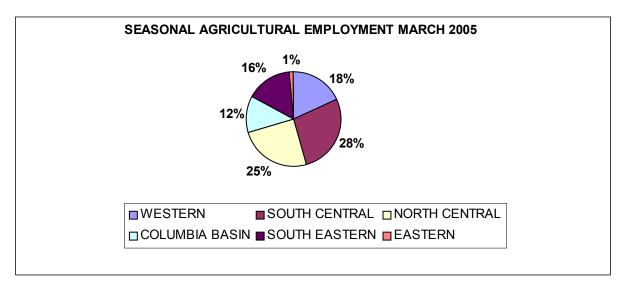
China is importing more wheat as its economy continues to grow at 9 to 10 percent a year and its own wheat production declines. The U.S. Department of Agriculture estimates China will import 8 million metric tons of wheat this marketing year, ranking it as the world's top importer. Of that, 2.4 metric tons will come from the United States. In just two to three years, China will be the dominant force in the wheat-trading world, importing tens of millions of metric tons. China wants soft white wheat, produced in the Pacific Northwest, and hard red wheat from Montana and North Dakota, said John Oades, director of U.S. Wheat Associates' West Coast office in Portland, Oregon. That bodes well for the Central Washington Grain Growers Association in Waterville because its growers mainly produce soft white wheat, Oades said. In the long run, it should help prices, he said.

In a quarterly meeting of the Washington Asparagus Commission, directors say they will need continued state funding and new federal trade help if the local industry is to regain an edge over cheaper imports. The weapons they need, directors say, are state financial help to develop less labor intensive harvesting and packing equipment. They also need federal trade protection from Peruvian imports during Washington's April-through-June harvest season so growers can better compete in the domestic fresh market. Director Kevin Boushey said the commission is seeking a quota on Peruvian imports during the harvest period, over which it would have to pay a tariff. Numbers have yet to be determined as the United States prepares to negotiate a new free trade agreement with the country. With the closure of Seneca Foods canned and frozen plant in Dayton after the harvest ends in June, growers in 2006 will no longer have a major processor in the state to buy their asparagus. Peru's asparagus industry has grown from about 4,000 acres in 1991 to more than 47,000 today. Over the same time period, Washington's acreage fell from a high of about 32,000 acres to 12,000 acres this year.

SEASONAL AGRICULTURAL EMPLOYMENT								
				CHAN	NGE	PERCENT CHANGE		
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
STATE	18,918	14,473	16,503	4,445	2,415	30.7%	14.6%	
WESTERN	3,481	3,106	2,778	375	703	12.1%	25.3%	
SOUTH CENTRAL	5,113	3,583	4,360	1,530	753	42.7%	17.3%	
NORTH CENTRAL	4,698	4,021	3,587	677	1,111	16.8%	31.0%	
COLUMBIA BASIN	2,356	1,608	2,178	748	178	46.5%	8.2%	
SOUTH EASTERN	2,992	2,052	3,347	940	(355)	45.8%	-10.6%	
EASTERN	278	103	253	175	25	169.9%	9.9%	







STATEWIDE AND REGIONAL TRENDS

Statewide seasonal employment expanded by 14.6% from March 2004 to March 2005. Seasonal employment grew by 30.7% statewide from February 2005 to March 2005. The crop activity increasing the most in employment from March 2004 to March 2005 was nursery work (1,417). Bulb work shed the largest number of jobs (-1,125) for that same time period. Other tree fruit work displayed the largest over-the-month gain (997) from February 2005 to March 2005. Bulb work showed the largest drop in employment (-546) during that same time period. The statewide weighted seasonal average wage for hourly paid farm workers for March 2005 was \$7.62 per hour.

STATEWIDE SEASONAL AGRICULTURAL EMPLOYMENT**								
STATE				CHANGE PERCE			NT CHANGE	
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
CROP	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
Apples	8,180	7,784	7,903	396	277	5.1%	3.5%	
Asparagus	36	0	14	36	22	0.0%	157.1%	
Blueberry	50	256	8	(206)	42	-80.5%	525.0%	
Bulb	39	585	1,164	(546)	(1,125)	-93.3%	-96.6%	
Cherries	264	317	973	(53)	(709)	-16.7%	-72.9%	
Cucumbers	162	58	0	104	162	179.3%	0.0%	
Grapes	2,075	1,650	1,556	425	519	25.8%	33.4%	
Hops	769	217	664	552	105	0.0%	15.8%	
Misc Vegetables	322	145	147	177	175	122.1%	119.0%	
Nursery	2,582	1,617	1,165	965	1,417	59.7%	121.6%	
Onion	873	116	828	757	45	652.6%	5.4%	
Other Seasonal	757	481	623	276	134	57.4%	21.5%	
Other Tree Fruit	1,249	252	217	997	1,032	395.6%	475.6%	
Pears	605	411	344	194	261	47.2%	75.9%	
Potato	320	219	364	101	(44)	46.1%	-12.1%	
Raspberry	545	255	281	290	264	113.7%	94.0%	
Strawberries	10	66	127	(56)	(117)	0.0%	0.0%	
Wheat/Grain	79	41	125	38	(46)	92.7%	-36.8%	
**Crop detail may not add due to rounding								

Western (Area 1) seasonal employment grew by 25.3% from March 2004 to March 2005. Seasonal employment also moved forward by 12.1% from February 2005 to March 2005. Nursery work posted the largest over-the-year increase in employment (1,350) from March 2004 to March 2005. Bulb work lost the largest number of jobs (-1,125) for that same time period. Nursery work boasted the largest employment increase (791) from February 2005 to March 2005. Bulb work declined by the greatest amount of employment (-546) during that same time period. The weighted seasonal average wage for hourly paid farm workers for March 2005 in Area 1 was \$7.86per hour. (See pages 14-15 for Area 1 detail)

AREA 1 SEASONAL AGRICULTURAL EMPLOYMENT								
WESTERN				CHAN	IGE	PERCENT CHANGE		
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
CROP	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
Blueberry	50	256	8	(206)	42	-80.5%	525.0%	
Bulb	39	585	1,164	(546)	(1,125)	-93.3%	-96.6%	
Cucumbers	162	58	0	104	162	0.0%	0.0%	
Misc Vegetables	42	15	39	27	3	180.0%	7.7%	
Nursery	2,330	1,539	980	791	1,350	51.4%	137.8%	
Other Seasonal	43	39	62	4	(19)	10.3%	-30.6%	
Potato	122	196	81	(74)	41	-37.8%	50.6%	
Raspberry	545	255	281	290	264	113.7%	94.0%	
Rhubarb	147	97	36	0	111	0.0%	308.3%	
Strawberries	4	66	127	0	(123)	0.0%	-96.9%	
**Crop detail may not add due to rounding								

South Central (Area 2) seasonal employment advanced by 17.3% from March 2004 to March 2005. This was exceeded by a bump of 42.7% in employment from February 2005 to March 2005. Other tree fruit work led the gainers in employment (831) from March 2004 to March 2005. Apple work declined by the largest employment (-635) for that same time period. Other tree fruit work grew by the largest employment (785) from February 2005 to March 2005. Apple work shrunk by the largest number of jobs (-99) for that same time period. The weighted seasonal average wage for hourly paid farm workers for March 2005 in Area 2 was \$7.57 per hour. (See pages 16 -17 for Area 2 detail)

AREA 2 SEASONAL AGRICULTURAL EMPLOYMENT								
SOUTH CENTRAL				CHAN	IGE	PERCENT CHANGE		
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
CROP	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
Apples	1,650	1,749	2,285	(99)	(635)	-5.7%	-27.8%	
Asparagus	22	0	4	22	18	0.0%	450.0%	
Cherries	28	18	393	10	(365)	55.6%	-92.9%	
Grapes	1,208	1,096	832	112	376	10.2%	45.2%	
Hops	528	197	307	331	221	0.0%	0.0%	
Misc Vegetables	101	15	54	86	47	573.3%	87.0%	
Onions	40	0	0	40	40	0.0%	0.0%	
Other Seasonal	119	11	73	108	46	0.0%	63.0%	
Other Tree Fruit	926	141	95	785	831	556.7%	874.7%	
Pears	472	354	307	118	165	33.3%	53.7%	
Potatoes	15	0	10	15	5	0.0%	50.0%	
**Crop detail may r	**Crop detail may not add due to rounding							

North Central (Area 3) seasonal employment posted a gain of 31.0% from March 2004 to March 2005. However, seasonal employment grew by a smaller 16.8% from February 2005 to March 2005. Apple work posted the largest increase (1,055) in employment from March 2004 to March 2005. Cherry work had the largest decline in jobs (-40) for that same time period. Apple work expanded by the largest amount of employment (537) from February 2005 to March 2005. No crops declined in production, but cherry work displayed the smallest increase in employment (14) during that same time period. The weighted seasonal average wage for hourly paid farm workers for March 2005 in Area 3 was \$7.53 per hour. (See pages 18 and 19 for Area 3 detail)

AREA 3 SEASONAL AGRICULTURAL EMPLOYMENT								
NORTH CENTRAL				CHA	NGE	PERCENT C	CHANGE	
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
CROP	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
Apples	4,322	3,785	3,267	537	1,055	14.2%	32.3%	
Cherries	131	117	171	14	(40)	12.0%	-23.4%	
Other Seasonal	97	54	102	43	(5)	79.6%	-4.9%	
Other Tree Fruit	28	10	13	18	15	180.0%	115.4%	
Pears	121	57	34	64	87	112.3%	255.9%	
**Crop detail may not add due to rounding								

Columbia Basin (Area 4) seasonal employment moved forward by 8.2% from March 2004 to March 2005. This increase was dwarfed by a leap of 46.5% in employment from February 2005 to March 2005. Other tree fruit work displayed the largest gain in seasonal employment (177) from March 2004 to March 2005. Potato work lost the largest number of jobs (-146) during that same time period. Other tree fruit work expanded by the largest number of jobs (190) from February 2005 to March 2005. Mint work netted the largest decrease in employment (-4) during that same time period. The weighted seasonal average wage for hourly paid farm workers for March 2005 in Area 4 was \$7.56 per hour. (See pages 20 - 22 for Area 4 detail)

AREA 4 SEASONAL AGRICULTURAL EMPLOYMENT								
COLUMBIA BASIN				CHAN	IGE	PERCENT CHANGE		
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
CROP	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
Apples	1,526	1,379	1487	147	39	10.7%	2.6%	
Asparagus	5	0	8	5	(3)	0.0%	-37.5%	
Cherries	58	47	142	11	(84)	23.4%	-59.2%	
Mint	0	4	31	(4)	(31)	-100.0%	-100.0%	
Misc Vegetables	12	3	3	9	9	300.0%	300.0%	
Nursery	104	4	90	100	14	2500.0%	15.6%	
Onion	200	108	105	92	95	85.2%	90.5%	
Other Seasonal	223	40	101	183	122	457.5%	120.8%	
Other Tree Fruit	199	9	22	190	177	2111.1%	804.5%	
Pears	12	0	3	12	9	0.0%	300.0%	
Potato	14	13	160	1	(146)	7.7%	-91.3%	
Wheat/Grain	0	0	26	0	0	0.0%	0.0%	
**Crop detail may r	not add due t	o rounding						

South Eastern (Area 5) seasonal employment declined by 10.6% from March 2004 to March 2005. March 2005 employment surged ahead by a huge 45.8% from February 2005. Grapes work employment expanded by the largest amount of employment (143) from March 2004 to March 2005. Cherry work shed the most jobs (-220) during that same time period. Onion work grew by the greatest amount of employment (625) from February 2005 to March 2005. Apple work declined by the largest number of jobs (-189) for that same time period. The weighted seasonal average wage for hourly paid farm workers for March 2005 in Area 5 was \$7.55 per hour. (See pages 23 - 25 for Area 5 detail)

AREA 5 SEASONAL AGRICULTURAL EMPLOYMENT								
SOUTH EASTERN				CHAN	IGE	PERCENT CHANGE		
				FEB 05-	MAR 04-	FEB 05-	MAR 04-	
CROP	MAR 05	FEB 05	MAR 04	MAR 05	MAR 05	MAR 05	MAR 05	
Apples	682	871	864	(189)	(182)	-21.7%	-21.1%	
Asparagus	9	0	2	9	7	0.0%	350.0%	
Cherries	47	135	267	(88)	(220)	-65.2%	-82.4%	
Grapes	867	554	724	313	143	56.5%	19.8%	
Hops	241	20	357	221	(116)	1105.0%	-32.5%	
Misc Vegetables	20	15	15	5	5	33.3%	33.3%	
Nursery	26	12	4	14	22	116.7%	550.0%	
Onion	633	8	723	625	(90)	7812.5%	-12.4%	
Other Seasonal	181	321	170	(140)	11	-43.6%	6.5%	
Other Tree Fruit	96	92	87	4	9	4.3%	10.3%	
Potatoes	169	10	113	159	56	1590.0%	49.6%	
Strawberries	6	0	0	6	6	0.0%	0.0%	
Wheat/Grain	15	9	21	6	(6)	66.7%	-28.6%	
**Crop detail may n	ot add due t	o rounding						

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

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.

Washington State Employment Security, Labor Market and Economic Analysis

SEASONAL LABOR ABSTRACT MARCH 2005

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: 3,481 (2,996 local, 0 intrastate, 125 interstate, 0 foreign, 360 unknown origin)

Nursery Harvester	1,274	\$ 7.35/hr
Nursery Worker	545	\$ 9.37/hr
Raspberry Planter	446	\$ 7.35/hr
Nursery Planter	222	\$ 7.95/hr

SOUTH CENTRAL (Klickitat and Yakima Counties)

Estimated seasonal workforce: 5,113 (4,405 local, 137 intrastate, 72 interstate, 347 foreign, 152 unknown origin)

Apple Pruner	1,480	\$ 7.56/hr
Grapes Pruner	1,012	\$ 7.42/hr or \$ 0.10 - \$ 0.40 per plant
Hops Worker	528	\$ 7.35/hr
Pear Pruner	387	Not Available

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

Estimated seasonal workforce: 4,698 (4,227 local, 36 intrastate, 0 interstate, 12 foreign, 423 unknown origin)

Apple Pruner	2,056	\$ 7.41/hr
Apple Planter	1,186	\$ 7.40/hr
Apple Sorter/Grader/Packer	304	\$ 7.43/hr
Apple Hand Thinner	298	\$ 7.50/hr

COLUMBIA BASIN (Adams and Grant Counties)

Estimated seasonal workforce: 2,356 (1,922 local, 0 intrastate, 7 interstate, 65 foreign, 362 unknown origin)

Apple Pruner	970	\$ 7.54/hr or \$ 0.10 - \$ 3.00 per tree
Apple Trainer	263	\$ 7.38/hr
Misc Onion Sorter/Grader/Packer	179	\$ 7.35/hr
Peach Hand Thinner	174	Not Available

SOUTH EASTERN (Benton, Franklin and Walla Walla Counties)

Estimated seasonal workforce: 2,992 (2,610 local, 0 intrastate, 37 interstate, 152 foreign, 193 unknown origin)

Grapes Pruner	750	\$ 7.41/hr or \$ 0.13 - \$ 0.20 per plant
Misc Onion Sorter/Grader/Packer	587	\$ 7.35/hr
Apple Pruner	407	\$ 7.44/hr
Hops Planter	155	\$ 7.35/hr

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

Estimated seasonal workforce: 278 (255 local, 23 intrastate, 0 interstate, 0 foreign, 0 unknown origin)

Nursery Planter	94	\$ 7.91/hr
Contract Misc Crop Planter	76	\$12.00/hr
Wheat Tractor Operator	51	\$ 9.00/hr
Nursery Loader	14	\$ 7.35/hr

Washington State Agricultural Crop Areas Harvest Periods

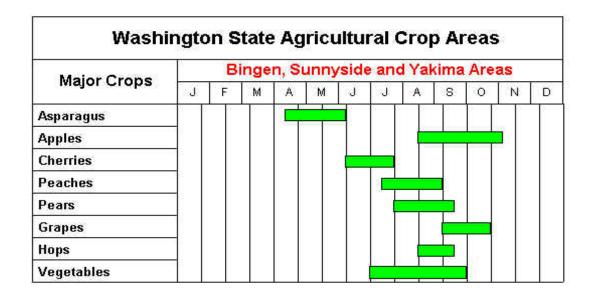
Washington State crop harvest timetables are listed below by agricultural areas. The dates may vary considerably due to weather or other conditions.

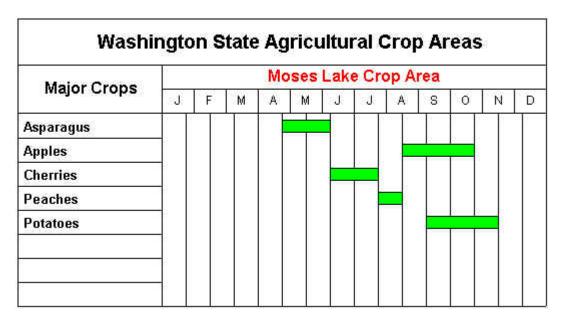
Note that the five area groupings in the following five timeline charts do not directly match with the six agricultural area groupings that are used in the Seasonal Farm Labor Survey data used in this report.

Major Crana	Okanogan and Wenatchee Crop									Areas			
Major Crops	IJ	F	M	Α	M	J	IJ	Α	s	0	N	D	
Apples												W. 1.	
Cherries													
Pears									i e				
Golden Delicious													
Red Delicious									+				

Major Crops		Bell	ingh	am a	and I	vloui	nt Ve	erno	n Cr	ор А	reas	
Major Crops	IJ	Į,F	М	Α	M	J	IJ	Α	s	0	N	D
Flowers		0.0				W. I.	4-3	W 1-1	W. 1-1		W	
Cucumbers									3			
Broccoli												
Cauliflower					-	-		-				
Spinach												
Blueberries												
Raspberries								1				
Strawberries												

Major Crops	Tri-Cities and Walla Walla Crop Areas											
Major Crops	J	F	М	Α	М	IJ	IJ	Α	S	0	N	D
Asparagus		Mr. 10-1	M. 10-1									
Apples												
Cherries												
Apricots												
Peaches				1 1						to I		
Peaches Pears												
1000000000	= 3 ²											





AGRICULTURAL LABOR SURVEY

EMPLOYMENT AND WAGE DETAIL BY CROP ACTIVITY

MARCH 2005

TABLE 1
MARCH 2005

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	2,996	0	125	0	360	3,481
2. South Central	4,405	137	72	347	152	5,113
3. North Central	4,227	36	0	12	423	4,698
4. Columbia Basin	1,922	0	7	65	362	2,356
5. South Eastern	2,610	0	37	152	193	2,992
6. Eastern	255	23	0	0	0	278
					======	
State Totals	16,416	196	241	576	1,490	18,918
% State Total	86.8%	1.0%	1.3%	3.0%	7.9%	100%

Period:

MARCH 2005

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	3,481
a. Local	2,996
b. Intrastate migratory	0
c. Interstate migratory	125
d. Foreign	0
e. Unknown	360

2. Origin of nonlocal domestic seasonal hired workers

a. Intrastate: None

b. Interstate: California, Texas

c. Foreign: None

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:

The March 2005 estimate for regular hired farm workers in this agricultural area was 7,162.

- 2. Factors affecting the farm labor supply and demand situation:
 - a. <u>Crop, market, and weather conditions:</u>

Weather conditions were warmer and drier than normal earlier in the month. Then heavy rains fell during the last two weeks of the month. This heavy rainfall totaled 3 inches per week in some areas. Cut-flower harvest began in full swing. Christmas tree growers complained that the persistent rainfall delayed herbicide applications. Cranberry growers and dairy producers were able to continue their maintenance work for both equipment and bogs.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in March averaged \$7.86 per hour. Hourly wages ranged from \$7.35 for nursery harvester, raspberry planter, cucumber sorter/grader/packer, rhubarb weeder, blueberry pruner, bulbs sorter/grader/packer, raspberry trainer, miscellaneous onion harvester, rhubarb harvester, nursery irrigator and beets harvester to \$13.00 for blueberry manger. 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 86.1% local, 0.0% intrastate, 3.6% interstate, foreign 0.0% and 10.3% unknown.

- d. Changes in production practices: None reported.
- e. Explanation of differences in employment from same period last year: None.

Period: MARCH 2005 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)

ND WAGES BY CR ALL SEASONAL IRED WORKERS	OP ACTIVITY HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
IRED WORKERS	
OTAL 3,481	* = piece rate
1,274 545 446 222 203 162 121 119 53 47 46 39 34 30 27 26 19 14 12 10 8 4 4 4 4 4 4 4 3	\$ 7.35 \$ 9.37 \$ 7.35 \$ 7.95 \$ 7.35 \$ 7.35 \$ 7.36 \$11.45 \$ 7.40 \$ 7.35 \$ 7.35 \$ 7.35 \$ 7.35 \$ 10.38 \$ 7.35 \$ 10.38 \$ 7.35 \$ 10.38 \$ 7.35 \$ 10.38 \$ 7.35 \$ 8.00 \$ 8.60 \$ 12.00 \$ 13.00 \$ 11.00 \$ 10.00 \$ 8.00 \$ 9.00 \$ 12.00
	1,274 545 446 222 203 162 121 119 53 47 46 39 34 30 27 26 19 14 12 10 8 4 4 4 4

AVERAGE WAGE RATE FOR SEASONAL WORKERS EARNING HOURLY WAGES AS REPORTED BY AG

Period: MARCH 2005 State: WASHINGTON

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

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

Total domestic seasonal hired workers	5,113
a. Local	4,405
b. Intrastate migratory	137
c. Interstate migratory	72
d. Foreign	347
e. Unknown	152

2. Origin of nonlocal domestic seasonal hired workers

a. Intrastate: Sunnyside, Wenatcheeb. Interstate: California, Oregon

c. Foreign: Mexico

1

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:

The March 2005 estimate for regular hired farm workers in this agricultural reporting area was 13,864.

- 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:

Weather conditions were warmer and drier than normal earlier in the month. Then heavy rains fell during the last two weeks of the month. Primary agricultural activities were apple pruning, grapes pruning, pear pruning and hops work.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in March averaged \$7.57 per hour. Hourly wages ranged from \$7.25 for apple planter to \$9.50 for miscellaneous onion irrigator. Typical piece rates were: \$.10 to \$.40 per plant for grapes 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 86.1% local, 2.7% intrastate, 1.4% interstate, foreign 6.8% and unknown 3.0%.

- d. Changes in production practices: None reported.
- e. Explanation of differences in employment from same period last year: None.

Period: MARCH 2005 State: WASHINGTON

Area 2: SOUTH CENTRAL (Klickitat and Yakima Counties)

. SEASONAL HIRED F	ARM WORKERS
T AND WAGES BY CR	OP ACTIVITY
ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
TOTAL 5,113	* = piece rate
1,480 1,012 528 387 331 312 283 170 89 77 69 57 51 32 30 28 26 22 20 20 15 15 10 9 9 9 9	\$ 7.56 \$ 7.42 or *\$ 0.10 - \$ 0.40 per plant \$ 7.35 Not Available \$ 7.35 \$ 7.99 \$ 8.19 \$ 7.48 \$ 7.69 \$ 7.35 \$ 8.00 \$ 7.75 \$ 7.35 \$ 7.35 \$ 7.35 \$ 7.35 Not Available \$ 8.50 \$ 9.50 \$ 8.25 \$ 7.00 \$ 8.00 Not Available \$ 7.62 \$ 7.50 \$ 9.32 \$ 7.35
	T AND WAGES BY CR ALL SEASONAL HIRED WORKERS TOTAL 5,113 1,480 1,012 528 387 331 312 283 170 89 77 69 57 51 32 30 28 26 22 20 20 15 15 10 9 9 9

AVERAGE WAGE RATE FOR SEASONAL WORKERS

EARNING HOURLY WAGES AS REPORTED BY AG

Period: MARCH 2005 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	4,698
	a. Local	4,227
	b. Intrastate migratory	36
	c. Interstate migratory	0
	d. Foreign	12
	e. Unknown	423

Origin of nonlocal domestic seasonal hired workers

a. Intrastate: Beverly, Wenatchee, Yakima

b. Interstate: Nonec. Foreign: Mexico

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:

The March 2005 estimate for regular hired farm workers in this agricultural reporting area was 8,958.

- 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:

Weather conditions were warmer and drier than normal earlier in the month. Then heavy rains fell during the last two weeks of the month. Cherries were beginning to bloom. Tree fruit was blooming ahead of schedule with very little freeze damage. Pasture grasses along with timothy hay will see definite improvement with the rain and snow that was received. Primary agricultural activities were apple pruning, apple planting, apple thinning and apple warehouse work.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in March averaged \$7.53 per hour. Hourly wages ranged from \$7.35 for pear planter, miscellaneous fruit trees worker, pear preparer and nursery sorter/grader/packer to \$24.00 for miscellaneous field crops 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 89.9 local, 0.8% intrastate, 0.0% interstate, 0.3% foreign and 9.0% unknown.

- d. Changes in production practices: None reported.
- e. <u>Explanation of differences in employment from same period last year:</u> None.

Period: MARCH 2005 State: WASHINGTON

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

SECTION A.	ALL SEASONAL HIRED F	ARM WORKERS
EMPLOYM	IENT AND WAGES BY CR	OP ACTIVITY
CROP ACTIVITY	ALL SEASONAL HIRED WORKERS	HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS
	TOTAL 4,698	* = piece rate
Apple Pruner Apple Planter Apple Sorter/Grader/Packer Apple Hand Thinner Apple Worker Cherry Pruner Apple Trainer Nursery Worker Pear Pruner Cherry Planter Apple Weeder Pear Planter Apple Manager Apple Preparation Misc Fruit Trees Worker Apple Chemical Applicator Pear Practor Operator Apple Tractor Operator Apple Forklift Driver Misc Field Crops Worker Cherry Trainer Beef Cattle Worker Cherry Chemical Applicator Horse and Equines Worker Misc Field Crops Manager Nursery Sorter/Grader/Packer Misc Hay Tractor Operator Wheat Tractor Operator Apple Loader	2,056 1,186 304 298 239 77 66 65 47 44 43 37 30 30 28 23 20 20 17 13 12 11 7 6 3 3 3 3 3 3 3 3	\$ 7.41 \$ 7.40 \$ 7.43 \$ 7.50 \$10.00 \$ 7.70 \$ 7.50 \$ 7.36 \$ 7.37 \$ 7.41 \$ 7.94 \$ 7.35 \$ 8.00 \$ 8.00 \$ 7.35 \$ 8.36 \$ 7.35 \$ 9.00 \$ 9.00 \$ 9.00 \$ 9.00 \$ 9.00 \$ 19.25 \$ 8.00 \$ 9.25 \$ 7.50 \$12.50 \$24.00 \$ 7.35 \$ 9.25 \$ 8.50 \$ 12.00

AVERAGE WAGE RATE FOR SEASONAL WORKERS

EARNING HOURLY WAGES AS REPORTED BY AG

PRODUCERS IN NORTH CENTRAL AREA 3 \$ 7.53/hr (weighted average)

Period:

MARCH 2005

State:

WASHINGTON

Area Name: COLUMBIA BASIN (Adams and Grant)

SECTION A. (see attachments)

SECTION B. DOMESTIC SEASONAL HIRED FARM WORKERS

١.	Total domestic seasonal hired workers	2,356
	a. Local	1,922
	b. Intrastate migratory	0
	c. Interstate migratory	7
	d. Foreign	65
	e. Unknown	362

2. Origin of nonlocal domestic seasonal hired workers

a. Intrastate: Noneb. Interstate: Californiac. Foreign: Mexico

SECTION C. REGULAR HIRED FARM WORKERS

1. Supply and demand for regular hired farm workers:

The March 2005 estimate for regular hired farm workers in this agricultural reporting area was 5,754.

- 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:

Weather conditions were warmer and drier than normal earlier in the month. Then heavy rains fell during the last two weeks of the month. This rain has improved both range and pasture conditions and dryland winter wheat. Potato planting continued. Fields were also being prepared for fresh peas. Orchardists continued to monitor cold temperatures, with no reports of frost damage. Primary agricultural activities were apple pruning, apple training, peach hand thinning and miscellaneous onion warehouse work.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in March averaged \$7.56 per hour. Hourly wages ranged from \$7.25 for miscellaneous fruit trees worker to \$13.00 for potato mechanized harvester. Typical piece rates were: \$.10 to \$3.00 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 81.5% local, 0.0% intrastate, 0.3% interstate 2.8% foreign and 15.4% unknown.

- d. Changes in production practices: None reported.
- e. Explanation of differences in employment from same period last year: None.

Period: MARCH 2005 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 SEAS HIRED WO		HOURLY WAGES and/or PIECE RATES FOR DOMESTIC SEASONAL WORKERS			
	TOTAL	2,356	* = piece rate			
Apple Pruner Apple Trainer		970 263	\$ 7.54 or * \$ 0.10 - \$ 3.00 per tree \$ 7.38			
Misc Onion Sorter/Grader/Packer		179	\$ 7.35			
Peach Hand Thinner		174	Not Available			
Apple Worker		144	\$ 7.61			
Nursery Worker		83	\$ 7.38			
Grapes Pruner		74	\$ 7.50			
Grass Seed Weeder		69	\$ 7.75			
Apple Planter		43	\$ 7.47			
Apple Weeder		34	\$ 7.45			
Alfalfa Irrigator		30	\$ 8.00			
Cherry Irrigator		21	\$ 7.50			
Apple Irrigator		21	\$ 7.50			
Cherry Pruner		21	\$ 8.00			
Misc Fruit Trees Worker		17	\$ 7.25			
Apple Manager		17	\$ 8.00			
Apple Mechanic		17	\$ 8.00			
Field Corn Preparation		16	\$ 7.35			
Nursery Planter		13	\$ 7.35			
Apple Chemical Applicator		13	\$ 8.00			
Alfalfa Tractor Operator		10	\$10.00			
Peas Worker		9	\$ 7.35			
Nectarine Worker		8	\$ 8.00			
Cherry Worker		8	\$ 7.35			
Field Corn Tractor Operator		8	\$ 9.50			
Potato Worker		6	\$10.00 \$ 8.18			
Alfalfa Worker Misc Onion Loader		6	\$ 8.18 \$ 8.50			
Misc Onion Planter		6 6	\$ 8.50 \$ 8.78			
Potato Planter		5	\$ 8.00			
Asparagus Preparation		5	\$ 7.35			
Cherry Chemical Applicator		4	\$ 7.50			
Cherry Preparation		4	\$ 8.00			
Apple Preparation		4	\$ 8.00			
Blueberry Pruner		4	\$ 7.35			
Pear Chemical Applicator		4	\$ 8.50			

Area 4 (continued)

Period: MARCH 2005 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	* = piece rate			
Pear Pruner Pear Worker Nursery Grafter General Farm Preparation Alfalfa Chemical Applicator Misc Onion Preparation Misc Onion Worker Misc Onion Manager Potato Mechanized Harvester Misc Vegetables Worker Nursery Sorter/Grader/Packer Nursery Pruner	4 4 4 3 3 3 3 3 3 3 3 3 3 3 1	\$ 8.00 \$ 7.35 \$ 10.00 \$ 9.00 \$ 8.78 \$11.00 \$ 9.00 \$13.00 \$ 7.35 \$ 7.35 \$ 7.35			

AVERAGE WAGE RATE FOR SEASONAL WORKERS EARNING HOURLY WAGES AS REPORTED BY AG

Period:

MARCH 2005

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	2,992
	a. Local	2,610
	b. Intrastate migratory	0
	c. Interstate migratory	37
	d. Foreign	152
	e. Unknown	193

2. Origin of nonlocal domestic seasonal hired workers

a. Intrastate: Noneb. Interstate: Oregonc. Foreign: Mexico

1.

SECTION C. REGULAR HIRED FARM WORKERS.

1. Supply and demand for regular hired farm workers:

The March 2005 estimate for regular hired farm workers in this agricultural reporting area was 10,207.

- 2. Factors affecting the farm labor supply and demand situation:
 - a. Crop, market, and weather conditions:

Weather conditions were warmer and drier than normal earlier in the month. Then heavy rains fell during the last two weeks of the month. Frost protection in tree fruit has been necessary. Cherries were in full bloom in early locations, two weeks ahead of normal. Spring work is now in full swing, with area growers working hard to complete seeding, spraying, etc. Primary agricultural activities were grapes pruning, miscellaneous onion warehouse work, apple pruning and hops planting.

b. Wages, housing, and transportation:

The weighted seasonal wage for hourly paid farm workers during the pay period in March averaged \$7.55 per hour. Hourly wages ranged from \$7.35 for miscellaneous onion sorter/grader/packer, hops planter, grapes trainer, apple preparer, miscellaneous field crops worker, grapes irrigator, miscellaneous vegetables worker, apple irrigator, nursery irrigator, grapes preparer, apple trainer, asparagus sorter/grader/packer, apple sorter/grader/packer, grapes worker, miscellaneous field crops irrigator, miscellaneous hay irrigator and miscellaneous grain and seed crops irrigator to \$25.00 for wheat mechanic. Typical piece rates were: \$.13 to \$.20 per plant for grapes 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 87.3% local, 0.0% intrastate, 1.2% interstate, 5.1% foreign and 6.4% unknown.

- d. Changes in production practices: None reported.
- e. Explanation of differences in employment from same period last year: None.

Period: MARCH 2005 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 2,992	* = piece rate				
Grapes Pruner	750	\$ 7.41 or * \$ 0.13 - \$ 0.20 per plant				
Misc Onion Sorter/Grader/Packer	587	\$ 7.35				
Apple Pruner	407	\$ 7.44				
Hops Planter	155	\$ 7.35				
Apple Planter	143	\$ 7.76				
Chicken Eggs Worker	112	\$ 7.80				
Potato Sorter/Grader/Packer	100	\$ 7.38				
Peach Pruner	96	Not Available				
Hops Worker	86	Not Available				
Grapes Trainer	83	\$ 7.35				
Apple Preparation	70	\$ 7.35				
Cherry Pruner	47	\$ 7.62				
Potato Preparation	39	\$ 7.47				
Apple Worker	38	\$ 7.85				
Misc Onion Tractor Operator	30	\$ 8.78				
Misc Field Crops Worker	29	\$ 7.35				
Potato Planter	25	\$ 9.78				
Grapes Irrigator	17	\$ 7.35				
Misc Vegetables Worker	14	\$ 7.35				
Nursery Harvester	12	\$ 8.25				
Apple Irrigator	11	\$ 7.35				
Misc Onion Worker	10	\$11.00				
Alfalfa Tractor Operator	8	\$ 9.50				
Nursery Irrigator	8	\$ 7.35				
Grapes Preparation	8	\$ 7.35				
Apple Trainer	7	\$ 7.35				
Asparagus Sorter/Grader/Packer	6	\$ 7.35				
Apple Sorter/Grader/Packer	6	\$ 7.35				
Strawberry Worker	6	\$ 7.65				
Grapes Worker	6	\$ 7.35				
Nursery Worker	6	\$10.00				
Misc Hay Tractor Operator	6	\$ 8.25				
General Farm Worker	6	\$12.00				
Misc Onion Planter	6	\$ 8.00				
Peas Vehicle Operator	5	\$10.00				
Potato Tractor Operator	5	\$10.00				

Area 5 (continued)

Period: MARCH 2005 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		
Wheat Mechanic Wheat Tractor Operator Misc Field Crops Irrigator Misc Hay Irrigator Alfalfa Worker Misc Grain & Seed Crops Irrigator Alfalfa Mechanized Harvester Grapes Tractor Operator Asparagus Manager	5 5 5 4 4 4 4 4 3 3	\$ 9.00 \$25.00 \$12.00 \$ 7.35 \$ 8.50 \$ 7.35 \$ 8.00 \$ 7.70 \$ 9.00		

AVERAGE WAGE RATE FOR SEASONAL WORKERS EARNING HOURLY WAGES AS REPORTED BY AG