

2018 Agricultural Peak Employment Wage and Practices Survey Results: supplemental attachment

Effects of prevailing wage normalization

Figure 1. Results of normalized prevailing wage finding process

Washington state, 2019

Source: Employment Security Department/LMEA, 2018 Agricultural Wage and Practice Employer Survey

Commodity	Activity	Density	Prevailing wage normalized	Prevailing wage not normalized	Base wage normalized	Base wage not normalized	Wage unit normalized	Wage unit not normalized	Hourly Guarantee	Dimension normalized	Dimension not normalized
Apples	Harvesting	All	\$24.50	\$24.50	\$24.50	\$24.50	Bin	Bin	\$12.50	47x47x24.5	900 pounds
Apples	Harvesting	High	\$16.00	\$16.00	\$16.00	\$16.00	Hour	Hour	N/A	N/A	N/A
Apples	Harvesting	Low	\$23.00	\$25.00	\$23.00	\$25.00	Bin	Bin	\$11.50	47x47x24.5	900 pounds
Apples	Harvesting	Medium	\$25.00	\$25.00	\$25.00	\$25.00	Bin	Bin	\$13.00	47x47x24.5	900 pounds
Apples	Harvesting-Color-Pick	All	\$27.56	\$24.50	\$27.56	\$24.50	Bin	Bin	\$12.50	47x47x24.5	800 pounds
Apples	Harvesting-Color-Pick	High	\$16.00	\$16.00	\$16.00	\$16.00	Hour	Hour	N/A	N/A	N/A
Apples	Harvesting-Color-Pick	Low	\$26.00	\$24.00	\$26.00	\$24.00	Bin	Bin	\$11.50	47x47x24.5	1000 pounds
Apples	Harvesting-Color-Pick	Medium	\$29.36	\$45.00	\$29.36	\$45.00	Bin	Bin	\$14.12	47x47x24.5	48x48x36
Apples	Harvesting-Stem-Clip	All	\$27.00	\$27.00	\$27.00	\$27.00	Bin	Bin	\$12.50	47x47x24.5	900 pounds
Apples	Harvesting-Stem-Clip	High	\$26.00	\$26.00	\$26.00	\$26.00	Bin	Bin	\$11.50	47x47x24.5	900 pounds
Apples	Harvesting-Stem-Clip	Low	\$14.00	\$14.00	\$14.00	\$14.00	Hour	Hour	N/A	N/A	N/A
Apples	Harvesting-Strip-Pick	All	\$24.50	\$24.50	\$24.50	\$24.50	Bin	Bin	\$12.50	47x47x24.5	900 pounds
Apples	Harvesting-Strip-Pick	Low	\$23.40	\$25.00	\$23.40	\$25.00	Bin	Bin	\$11.50	47x47x24.5	900 pounds
Apples	Pruning	All	\$12.50	\$12.50	\$12.50	\$12.50	Hour	Hour	N/A	N/A	N/A
Apples	Thinning	All	\$13.00	\$13.00	\$13.00	\$13.00	Hour	Hour	N/A	N/A	N/A
Apples, Ambrosia	Harvesting	All	\$19.00	\$19.00	\$19.00	\$19.00	Bin	Bin	\$11.50	47x47x24.5	Missing
Apples, Ambrosia	Harvesting-Strip-Pick	All	\$19.00	\$19.00	\$19.00	\$19.00	Bin	Bin	\$11.50	47x47x24.5	Missing
Apples, Cripps Pink	Harvesting	All	\$27.00	\$27.00	\$27.00	\$27.00	Bin	Bin	\$12.50	47x47x24.5	900 pounds

Figure 1. Results of normalized prevailing wage finding process, continued

Commodity	Activity	Density	Prevailing wage normalized	Prevailing wage not normalized	Base wage normalized	Base wage not normalized	Wage unit normalized	Wage unit not normalized	Hourly Guarantee	Dimension normalized	Dimension not normalized
Apples, Fuji	Harvesting	Medium	\$25.00	\$25.00	\$25.00	\$25.00	Bin	Bin	\$13.00	47x47x24.5	900 pounds
Apples, Gala	Harvesting	High	\$26.00	\$26.00	\$26.00	\$26.00	Bin	Bin	\$11.50	47x47x24.5	900 pounds
Apples, Gala	Harvesting	Low	\$27.00	\$30.00	\$27.00	\$30.00	Bin	Bin	\$11.50	47x47x24.5	900 pounds
Apples, Gala	Harvesting-Color-Pick	High	\$39.00	\$35.00	\$36.00	\$32.00	Bin	Bin	\$11.50	47x47x24.5	800 pounds
Apples, Golden Delicious	Harvesting	Low	\$26.50	\$26.50	\$25.00	\$25.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Apples, Golden Delicious	Harvesting-Strip-Pick	All	\$24.50	\$24.50	\$24.50	\$24.50	Bin	Bin	\$12.50	47x47x24.5	900 pounds
Apples, Golden Delicious	Harvesting-Strip-Pick	Low	\$26.50	\$26.50	\$25.00	\$25.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Apples, Granny Smith	Harvesting	Low	\$26.50	\$26.50	\$25.00	\$25.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Apples, Granny Smith	Harvesting	Medium	\$26.50	\$26.50	\$25.00	\$25.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Apples, Granny Smith	Harvesting-Strip-Pick	Low	\$26.50	\$26.50	\$25.00	\$25.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Apples, Honeycrisp	Harvesting	Low	\$15.00	\$15.00	\$15.00	\$15.00	Hour	Hour	N/A	N/A	N/A
Apples, Honeycrisp	Harvesting	Medium	\$29.36	\$45.00	\$29.36	\$45.00	Bin	Bin	\$14.12	47x47x24.5	48x48x36
Apples, Red Delicious	Harvesting	Low	\$22.50	\$22.50	\$21.00	\$21.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Apples, Red Delicious	Harvesting	Medium	\$20.00	\$20.00	\$20.00	\$20.00	Bin	Bin	\$14.00	47x47x24.5	900 pounds
Apples, Red Delicious	Harvesting-Strip-Pick	Low	\$22.50	\$22.50	\$21.00	\$21.00	Bin	Bin	\$0.00	47x47x24.5	Don't - know
Berries	Harvesting	All	\$0.60	\$0.60	\$0.60	\$0.60	Pound	Pound	\$12.00	N/A	N/A
Berries, Blueberries	Harvesting	All	\$0.75	\$0.75	\$0.75	\$0.75	Pound	Pound	\$11.50	N/A	N/A
Berries, Raspberries	Harvesting	All	\$11.50	\$11.50	\$11.50	\$11.50	Hour	Hour	N/A	N/A	N/A
Berries, Strawberries	Harvesting	All	\$0.30	\$0.30	\$0.30	\$0.30	Pound	Pound	\$11.50	N/A	N/A
Berries, Strawberries	Packing	All	\$11.75	\$11.75	\$11.75	\$11.75	Hour	Hour	N/A	N/A	N/A
Cherries	Harvesting	All	\$0.20	\$4.00	\$0.20	\$4.00	Pound	Pound	\$13.00	N/A	20 pounds
Cherries	Harvesting	High	\$0.20	\$4.00	\$0.20	\$4.00	Pound	Pound	\$12.00	N/A	20 pounds

Figure 1. Results of normalized prevailing wage finding process,continued

Commodity	Activity	Density	Prevailing wage normalized	Prevailing wage not normalized	Base wage normalized	Base wage not normalized	Wage unit normalized	Wage unit not normalized	Hourly Guarantee	Dimension normalized	Dimension not normalized
Cherries	Harvesting	Low	\$0.21	\$4.00	\$0.21	\$4.00	Pound	Pound	\$12.00	N/A	20 pounds
Cherries	Harvesting	Medium	\$0.22	\$4.00	\$0.22	\$4.00	Pound	Pound	\$12.00	N/A	20 pounds
Cherries	Pruning	All	\$13.00	\$13.00	\$13.00	\$13.00	Hour	Hour	N/A	N/A	N/A
Cherries	Pruning	Medium	\$12.00	\$12.00	\$12.00	\$12.00	Hour	Hour	N/A	N/A	N/A
Cherries	Thinning	All	\$14.12	\$14.12	\$14.12	\$14.12	Hour	Hour	N/A	N/A	N/A
Cherries, Darkred	Harvesting	All	\$0.20	\$3.75	\$0.20	\$3.75	Pound	Pound	\$11.50	N/A	20 pounds
Cherries, Darkred	Harvesting	High	\$0.20	\$3.50	\$0.20	\$3.50	Pound	Pound	\$11.50	N/A	20 pounds
Cherries, Darkred	Harvesting	Low	\$0.21	\$4.00	\$0.21	\$4.00	Pound	Pound	\$12.00	N/A	20 pounds
Cherries, Darkred	Harvesting	Medium	\$0.20	\$4.00	\$0.20	\$4.00	Pound	Pound	\$14.12	N/A	Missing
Cherries, Lapin	Harvesting	All	\$0.20	\$3.75	\$0.20	\$3.75	Pound	Pound	\$11.50	N/A	20 pounds
Cherries, Lapin	Harvesting	Medium	\$0.20	\$4.00	\$0.20	\$4.00	Pound	Pound	\$11.50	N/A	20 pounds
Cherries, Red	Harvesting	All	\$0.20	\$4.00	\$0.20	\$4.00	Pound	Pound	\$12.00	N/A	20 pounds
Cherries, Red	Harvesting	High	\$0.20	\$6.00	\$0.20	\$6.00	Pound	Pound	\$12.00	N/A	30 pounds
Cherries, Red	Harvesting	Medium	\$0.23	\$0.23	\$0.23	\$0.23	Pound	Pound	\$12.00	N/A	Missing
Cherries, Skeena	Harvesting	All	\$0.20	\$6.00	\$0.20	\$6.00	Pound	Pound	\$12.00	N/A	30 pounds
Cherries, Skeena	Harvesting	High	\$0.20	\$4.00	\$0.20	\$4.00	Pound	Pound	\$12.00	N/A	20 pounds
Cherries, Skeena	Harvesting	Medium	\$0.21	\$4.00	\$0.21	\$4.00	Pound	Pound	\$11.50	N/A	20 pounds
Cherries, Sweetheart	Harvesting	All	\$0.20	\$3.75	\$0.20	\$3.75	Pound	Pound	\$12.00	N/A	20 pounds
Cherries, Sweetheart	Harvesting	High	\$0.20	\$4.25	\$0.20	\$4.25	Pound	Pound	\$12.00	N/A	20 pounds
Cherries, Sweetheart	Harvesting	Medium	\$0.23	\$0.23	\$0.23	\$0.23	Pound	Pound	\$12.00	N/A	Missing
Cherries, Yellow	Harvesting	All	\$0.30	\$6.00	\$0.30	\$6.00	Pound	Pound	\$11.50	N/A	20 pounds
Cherries, Yellow	Harvesting	High	\$0.30	\$6.00	\$0.30	\$6.00	Pound	Pound	\$13.00	N/A	20 pounds
Cherries, Yellow	Harvesting	Low	\$0.25	\$5.50	\$0.25	\$5.50	Pound	Pound	\$13.00	N/A	20 pounds

Figure 1. Results of normalized prevailing wage finding process, continued

Commodity	Activity	Density	Prevailing wage normalized	Prevailing wage not normalized	Base wage normalized	Base wage not normalized	Wage unit normalized	Wage unit not normalized	Hourly Guarantee	Dimension normalized	Dimension not normalized
Cherries, Yellow	Harvesting	Medium	\$0.30	\$6.00	\$0.30	\$6.00	Pound	Pound	\$11.50	N/A	20 pounds
Pears	Harvesting	All	\$25.04	\$29.00	\$25.04	\$29.00	Bin	Bin	\$11.50	47x47x24.5	Missing
Pears	Harvesting	High	\$25.00	\$25.00	\$25.00	\$25.00	Bin	Bin	\$12.00	47x47x24.5	Don't - know
Pears	Harvesting	Low	\$25.04	\$23.50	\$25.04	\$23.50	Bin	Bin	\$11.50	47x47x24.5	46x46x24
Pears	Thinning	All	\$12.00	\$12.00	\$12.00	\$12.00	Hour	Hour	N/A	N/A	N/A
Pears, Bartlett	Harvesting	High	\$23.49	\$25.00	\$23.49	\$25.00	Bin	Bin	\$11.50	47x47x24.5	Don't - know
Pears, Bartlett	Harvesting	Low	\$25.04	\$23.50	\$25.04	\$23.50	Bin	Bin	\$11.50	47x47x24.5	46x46x24

Figure 1. Results of normalized prevailing wage finding process, continued

Commodity	Activity	Density	Employer count normalized wage finding process	Employer count not normalized wage finding process	Employer count wage finding difference	Employer count wage finding percent difference	Total employers reporting
Apples	Harvesting	All	191	53	138	41%	340
Apples	Harvesting	High	N/A	N/A	N/A	N/A	72
Apples	Harvesting	Low	98	27	71	43%	165
Apples	Harvesting	Medium	59	15	44	51%	87
Apples	Harvesting-Color-Pick	All	94	16	78	45%	175
Apples	Harvesting-Color-Pick	High	N/A	N/A	N/A	N/A	48
Apples	Harvesting-Color-Pick	Low	34	2	32	53%	60
Apples	Harvesting-Color-Pick	Medium	33	4	29	62%	47
Apples	Harvesting-Stem-Clip	All	N/A	N/A	N/A	N/A	103
Apples	Harvesting-Stem-Clip	High	N/A	N/A	N/A	N/A	21
Apples	Harvesting-Stem-Clip	Low	14	14	0	0%	33
Apples	Harvesting-Strip-Pick	All	146	45	101	42%	238
Apples	Harvesting-Strip-Pick	Low	83	25	58	47%	123
Apples	Pruning	All	163	163	0	0%	201
Apples	Thinning	All	125	125	0	0%	145
Apples, Ambrosia	Harvesting	All	N/A	N/A	N/A	N/A	5
Apples, Ambrosia	Harvesting-Strip-Pick	All	N/A	N/A	N/A	N/A	5
Apples, Cripps Pink	Harvesting	All	N/A	N/A	N/A	N/A	28
Apples, Fuji	Harvesting	Medium	16	7	9	38%	24
Apples, Gala	Harvesting	High	N/A	N/A	N/A	N/A	33
Apples, Gala	Harvesting	Low	41	11	30	48%	62
Apples, Gala	Harvesting-Color-Pick	High	6	1	5	18%	28
Apples, Golden Delicious	Harvesting	Low	N/A	N/A	N/A	N/A	79
Apples, Golden Delicious	Harvesting-Strip-Pick	All	N/A	N/A	N/A	N/A	123
Apples, Golden Delicious	Harvesting-Strip-Pick	Low	N/A	N/A	N/A	N/A	70
Apples, Granny Smith	Harvesting	Low	N/A	N/A	N/A	N/A	34
Apples, Granny Smith	Harvesting	Medium	N/A	N/A	N/A	N/A	21
Apples, Granny Smith	Harvesting-Strip-Pick	Low	N/A	N/A	N/A	N/A	29
Apples, Honeycrisp	Harvesting	Low	18	18	0	0%	41
Apples, Honeycrisp	Harvesting	Medium	N/A	N/A	N/A	N/A	23
Apples, Red Delicious	Harvesting	Low	N/A	N/A	N/A	N/A	65

Figure 1. Results of normalized prevailing wage finding process, continued

Commodity	Activity	Density	Employer count normalized wage finding process	Employer count not normalized wage finding process	Employer count wage finding difference	Employer count wage finding percent difference	Total employers reporting
Apples, Red Delicious	Harvesting	Medium	N/A	N/A	N/A	N/A	22
Apples, Red Delicious	Harvesting-Strip-Pick	Low	N/A	N/A	N/A	N/A	57
Berries	Harvesting	All	22	11	11	11%	97
Berries, Blueberries	Harvesting	All	19	9	10	19%	54
Berries, Raspberries	Harvesting	All	N/A	N/A	N/A	N/A	36
Berries, Strawberries	Harvesting	All	N/A	N/A	N/A	N/A	8
Berries, Strawberries	Packing	All	N/A	N/A	N/A	N/A	1
Cherries	Harvesting	All	169	47	122	39%	315
Cherries	Harvesting	High	29	10	19	40%	48
Cherries	Harvesting	Low	70	17	53	45%	117
Cherries	Harvesting	Medium	56	14	42	42%	99
Cherries	Pruning	All	130	130	0	0%	166
Cherries	Pruning	Medium	21	21	0	0%	29
Cherries	Thinning	All	N/A	N/A	N/A	N/A	12
Cherries, Darkred	Harvesting	All	131	37	94	37%	251
Cherries, Darkred	Harvesting	High	18	6	12	41%	29
Cherries, Darkred	Harvesting	Low	61	16	45	44%	103
Cherries, Darkred	Harvesting	Medium	35	3	32	47%	68
Cherries, Lapin	Harvesting	All	32	9	23	36%	64
Cherries, Lapin	Harvesting	Medium	8	2	6	38%	16
Cherries, Red	Harvesting	All	66	21	45	40%	113
Cherries, Red	Harvesting	High	15	5	10	45%	22
Cherries, Red	Harvesting	Medium	24	3	21	53%	40
Cherries, Skeena	Harvesting	All	36	6	30	48%	62
Cherries, Skeena	Harvesting	High	8	1	7	50%	14
Cherries, Skeena	Harvesting	Medium	13	2	11	69%	16
Cherries, Sweetheart	Harvesting	All	50	15	35	42%	84
Cherries, Sweetheart	Harvesting	High	11	2	9	56%	16
Cherries, Sweetheart	Harvesting	Medium	18	2	16	50%	32
Cherries, Yellow	Harvesting	All	67	20	47	36%	129
Cherries, Yellow	Harvesting	High	8	4	4	19%	21

Figure 1. Results of normalized prevailing wage finding process, continued

Commodity	Activity	Density	Employer count normalized wage finding process	Employer count not normalized wage finding process	Employer count wage finding difference	Employer count wage finding percent difference	Total employers reporting
Cherries, Yellow	Harvesting	Low	16	7	9	24%	37
Cherries, Yellow	Harvesting	Medium	20	7	13	43%	30
Pears	Harvesting	All	128	17	111	54%	204
Pears	Harvesting	High	26	11	15	37%	41
Pears	Harvesting	Low	N/A	N/A	N/A	N/A	64
Pears	Thinning	All	N/A	N/A	N/A	N/A	56
Pears, Bartlett	Harvesting	High	16	5	11	38%	29
Pears, Bartlett	Harvesting	Low	36	3	33	59%	56

Employment estimates

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds

Washington state, 2019

Source: Employment Security Department/LMEA, 2018 Agricultural Wage and Practice Employer Survey

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Apples	Harvesting-Stem-Clip	Medium	468	3,297	14%	15%	No
Apples	Harvesting-Strip-Pick	High	533	3,902	14%	15%	No
Apples	Harvesting-Strip-Pick	Medium	1,247	9,040	14%	15%	No
Apples	Pruning	High	146	712	21%	50%	No
Apples	Pruning	Low	347	1,555	22%	30%	No
Apples	Pruning	Medium	317	2,309	14%	20%	No
Apples	Thinning	High	137	340	40%	100%	No
Apples	Thinning	Low	281	696	40%	50%	No
Apples	Thinning	Medium	143	355	40%	60%	No
Apples, Ambrosia	Harvesting	High	4	69	6%	100%	No
Apples, Ambrosia	Harvesting	Low	15	260	6%	100%	No
Apples, Ambrosia	Harvesting-Strip-Pick	High	4	69	6%	100%	No
Apples, Ambrosia	Harvesting-Strip-Pick	Low	15	260	6%	100%	No
Apples, Braeburn	Harvesting	All	496	5,477	9%	15%	No
Apples, Braeburn	Harvesting	High	18	135	13%	100%	No
Apples, Braeburn	Harvesting	Low	156	2,051	8%	25%	No
Apples, Braeburn	Harvesting	Medium	53	395	13%	60%	No
Apples, Braeburn	Harvesting-Color-Pick	All	72	537	13%	50%	No
Apples, Braeburn	Harvesting-Color-Pick	Low	31	232	13%	100%	No
Apples, Braeburn	Harvesting-Color-Pick	Medium	21	156	13%	100%	No
Apples, Braeburn	Harvesting-Stem-Clip	All	21	157	13%	100%	No
Apples, Braeburn	Harvesting-Stem-Clip	High	18	135	13%	100%	No
Apples, Braeburn	Harvesting-Stem-Clip	Low	3	22	14%	100%	No
Apples, Braeburn	Harvesting-Strip-Pick	All	403	4,783	8%	15%	No
Apples, Braeburn	Harvesting-Strip-Pick	Low	122	1,797	7%	25%	No
Apples, Braeburn	Harvesting-Strip-Pick	Medium	32	239	13%	100%	No
Apples, Braeburn	Pruning	All	30	224	13%	100%	No
Apples, Cripps Pink	Harvesting	High	97	427	23%	60%	No
Apples, Cripps Pink	Harvesting	Low	124	545	23%	50%	No
Apples, Cripps Pink	Harvesting	Medium	95	418	23%	60%	No
Apples, Cripps Pink	Harvesting-Color-Pick	All	188	827	23%	40%	No
Apples, Cripps Pink	Harvesting-Color-Pick	High	31	136	23%	100%	No
Apples, Cripps Pink	Harvesting-Color-Pick	Low	85	374	23%	60%	No
Apples, Cripps Pink	Harvesting-Color-Pick	Medium	40	176	23%	100%	No

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds, continued

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Apples, Cripps Pink	Harvesting-Stem-Clip	All	399	2,835	14%	20%	No
Apples, Cripps Pink	Harvesting-Stem-Clip	High	53	233	23%	100%	No
Apples, Cripps Pink	Harvesting-Stem-Clip	Low	6	26	23%	100%	No
Apples, Cripps Pink	Harvesting-Stem-Clip	Medium	20	88	23%	100%	No
Apples, Cripps Pink	Harvesting-Strip-Pick	All	160	705	23%	50%	No
Apples, Cripps Pink	Harvesting-Strip-Pick	High	44	194	23%	100%	No
Apples, Cripps Pink	Harvesting-Strip-Pick	Low	35	154	23%	100%	No
Apples, Cripps Pink	Harvesting-Strip-Pick	Medium	35	154	23%	100%	No
Apples, Cripps Pink	Pruning	All	34	149	23%	100%	No
Apples, Cripps Pink	Pruning	Low	23	101	23%	100%	No
Apples, Cripps Pink	Thinning	All	5	22	23%	100%	No
Apples, Fuji	Harvesting	All	2,976	29,739	10%	15%	No
Apples, Fuji	Harvesting	High	461	5,497	8%	15%	No
Apples, Fuji	Harvesting	Low	310	1,419	22%	30%	No
Apples, Fuji	Harvesting-Color-Pick	All	970	9,088	11%	15%	No
Apples, Fuji	Harvesting-Color-Pick	High	106	486	22%	60%	No
Apples, Fuji	Harvesting-Color-Pick	Low	120	550	22%	50%	No
Apples, Fuji	Harvesting-Color-Pick	Medium	175	801	22%	40%	No
Apples, Fuji	Harvesting-Stem-Clip	All	968	8,357	12%	15%	No
Apples, Fuji	Harvesting-Stem-Clip	High	233	2,760	8%	20%	No
Apples, Fuji	Harvesting-Stem-Clip	Low	102	467	22%	60%	No
Apples, Fuji	Harvesting-Stem-Clip	Medium	162	1,282	13%	30%	No
Apples, Fuji	Harvesting-Strip-Pick	All	1,196	14,709	8%	15%	No
Apples, Fuji	Harvesting-Strip-Pick	High	122	2,251	5%	20%	No
Apples, Fuji	Harvesting-Strip-Pick	Low	88	402	22%	60%	No
Apples, Fuji	Harvesting-Strip-Pick	Medium	150	1,111	14%	35%	No
Apples, Fuji	Pruning	All	47	215	22%	100%	No
Apples, Fuji	Pruning	High	6	27	22%	100%	No
Apples, Fuji	Pruning	Low	11	51	22%	100%	No
Apples, Fuji	Thinning	All	51	234	22%	100%	No
Apples, Fuji	Thinning	High	12	55	22%	100%	No
Apples, Fuji	Thinning	Low	14	64	22%	100%	No
Apples, Fuji	Thinning	Medium	25	115	22%	100%	No
Apples, Gala	Harvesting	All	5,874	53,995	11%	15%	No
Apples, Gala	Harvesting	Medium	1,223	12,337	10%	15%	No
Apples, Gala	Harvesting-Color-Pick	All	3,152	27,087	12%	15%	No

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds, continued

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Apples, Gala	Harvesting-Color-Pick	Low	427	1,475	29%	30%	No
Apples, Gala	Harvesting-Color-Pick	Medium	842	8,510	10%	15%	No
Apples, Gala	Harvesting-Stem-Clip	All	156	537	29%	50%	No
Apples, Gala	Harvesting-Stem-Clip	Low	17	58	29%	100%	No
Apples, Gala	Harvesting-Stem-Clip	Medium	18	62	29%	100%	No
Apples, Gala	Harvesting-Strip-Pick	All	2,628	26,585	10%	15%	No
Apples, Gala	Harvesting-Strip-Pick	High	156	1,900	8%	25%	No
Apples, Gala	Harvesting-Strip-Pick	Low	368	1,273	29%	30%	No
Apples, Gala	Harvesting-Strip-Pick	Medium	363	3,765	10%	15%	No
Apples, Gala	Pruning	All	123	456	27%	60%	No
Apples, Gala	Pruning	High	24	83	29%	100%	No
Apples, Gala	Pruning	Low	41	140	29%	100%	No
Apples, Gala	Pruning	Medium	18	62	29%	100%	No
Apples, Gala	Thinning	All	163	596	27%	50%	No
Apples, Gala	Thinning	High	22	76	29%	100%	No
Apples, Gala	Thinning	Low	72	248	29%	100%	No
Apples, Gala	Thinning	Medium	55	191	29%	100%	No
Apples, Golden Delicious	Harvesting	All	4,266	29,878	14%	15%	No
Apples, Golden Delicious	Harvesting	High	147	2,638	6%	20%	No
Apples, Golden Delicious	Harvesting	Medium	327	1,554	21%	30%	No
Apples, Golden Delicious	Harvesting-Color-Pick	All	954	6,846	14%	15%	No
Apples, Golden Delicious	Harvesting-Color-Pick	Low	72	209	34%	100%	No
Apples, Golden Delicious	Harvesting-Color-Pick	Medium	32	93	34%	100%	No
Apples, Golden Delicious	Harvesting-Stem-Clip	All	159	2,673	6%	20%	No
Apples, Golden Delicious	Harvesting-Stem-Clip	High	130	2,589	5%	20%	No
Apples, Golden Delicious	Harvesting-Stem-Clip	Low	11	32	34%	100%	No
Apples, Golden Delicious	Harvesting-Strip-Pick	High	17	49	35%	100%	No
Apples, Golden Delicious	Harvesting-Strip-Pick	Medium	295	1,461	20%	30%	No
Apples, Golden Delicious	Pruning	All	60	175	34%	100%	No
Apples, Golden Delicious	Pruning	Low	20	59	34%	100%	No
Apples, Golden Delicious	Pruning	Medium	4	12	33%	100%	No
Apples, Golden Delicious	Thinning	All	67	194	35%	100%	No
Apples, Golden Delicious	Thinning	Low	55	159	35%	100%	No
Apples, Golden Delicious	Thinning	Medium	8	23	35%	100%	No
Apples, Granny Smith	Harvesting	All	4,174	29,744	14%	15%	No
Apples, Granny Smith	Harvesting	High	236	2,196	11%	20%	No

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds, continued

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Apples, Granny Smith	Harvesting-Color-Pick	All	1,062	8,200	13%	15%	No
Apples, Granny Smith	Harvesting-Color-Pick	Low	45	183	25%	100%	No
Apples, Granny Smith	Harvesting-Color-Pick	Medium	69	280	25%	100%	No
Apples, Granny Smith	Harvesting-Stem-Clip	All	40	162	25%	100%	No
Apples, Granny Smith	Harvesting-Stem-Clip	High	15	61	25%	100%	No
Apples, Granny Smith	Harvesting-Stem-Clip	Low	25	101	25%	100%	No
Apples, Granny Smith	Harvesting-Strip-Pick	All	3,072	21,382	14%	15%	No
Apples, Granny Smith	Harvesting-Strip-Pick	High	221	2,135	10%	20%	No
Apples, Granny Smith	Harvesting-Strip-Pick	Medium	432	3,016	14%	15%	No
Apples, Granny Smith	Pruning	All	75	305	25%	100%	No
Apples, Granny Smith	Pruning	High	8	33	24%	100%	No
Apples, Granny Smith	Pruning	Low	11	45	24%	100%	No
Apples, Granny Smith	Pruning	Medium	14	57	25%	100%	No
Apples, Granny Smith	Thinning	All	38	154	25%	100%	No
Apples, Granny Smith	Thinning	Low	23	93	25%	100%	No
Apples, Granny Smith	Thinning	Medium	15	61	25%	100%	No
Apples, Honeycrisp	Harvesting	All	3,636	29,788	12%	15%	No
Apples, Honeycrisp	Harvesting	High	904	8,115	11%	15%	No
Apples, Honeycrisp	Harvesting-Color-Pick	All	1,374	9,602	14%	15%	No
Apples, Honeycrisp	Harvesting-Color-Pick	High	577	5,460	11%	15%	No
Apples, Honeycrisp	Harvesting-Color-Pick	Low	293	1,186	25%	35%	No
Apples, Honeycrisp	Harvesting-Color-Pick	Medium	181	732	25%	50%	No
Apples, Honeycrisp	Harvesting-Stem-Clip	All	1,264	9,351	14%	15%	No
Apples, Honeycrisp	Harvesting-Stem-Clip	High	317	2,615	12%	20%	No
Apples, Honeycrisp	Harvesting-Stem-Clip	Low	204	825	25%	40%	No
Apples, Honeycrisp	Harvesting-Stem-Clip	Medium	326	2,571	13%	20%	No
Apples, Honeycrisp	Harvesting-Strip-Pick	All	1,165	12,512	9%	15%	No
Apples, Honeycrisp	Harvesting-Strip-Pick	High	10	40	25%	100%	No
Apples, Honeycrisp	Harvesting-Strip-Pick	Low	79	320	25%	100%	No
Apples, Honeycrisp	Harvesting-Strip-Pick	Medium	146	857	17%	40%	No
Apples, Honeycrisp	Pruning	All	146	755	19%	50%	No
Apples, Honeycrisp	Pruning	High	18	72	25%	100%	No
Apples, Honeycrisp	Pruning	Low	58	234	25%	100%	No
Apples, Honeycrisp	Pruning	Medium	2	8	25%	100%	No
Apples, Honeycrisp	Thinning	All	127	679	19%	50%	No
Apples, Honeycrisp	Thinning	High	27	109	25%	100%	No

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds, continued

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Apples, Honeycrisp	Thinning	Low	52	210	25%	100%	No
Apples, Honeycrisp	Thinning	Medium	14	56	25%	100%	No
Apples, Red Delicious	Harvesting	All	4,655	34,804	13%	15%	No
Apples, Red Delicious	Harvesting	High	37	135	27%	100%	No
Apples, Red Delicious	Harvesting-Color-Pick	All	223	1,412	16%	30%	No
Apples, Red Delicious	Harvesting-Color-Pick	Low	102	371	27%	60%	No
Apples, Red Delicious	Harvesting-Color-Pick	Medium	53	193	27%	100%	No
Apples, Red Delicious	Harvesting-Stem-Clip	All	16	58	28%	100%	No
Apples, Red Delicious	Harvesting-Strip-Pick	All	4,448	33,450	13%	15%	No
Apples, Red Delicious	Harvesting-Strip-Pick	High	37	135	27%	100%	No
Apples, Red Delicious	Harvesting-Strip-Pick	Medium	447	2,826	16%	20%	No
Apples, Red Delicious	Pruning	All	85	335	25%	100%	No
Apples, Red Delicious	Pruning	Low	41	151	27%	100%	No
Apples, Red Delicious	Thinning	All	89	348	26%	100%	No
Apples, Red Delicious	Thinning	Low	49	178	28%	100%	No
Apples, Red Delicious	Thinning	Medium	8	29	28%	100%	No
Berries	Packing	All	280	782	36%	50%	No
Berries	Pruning	All	347	997	35%	40%	No
Berries, Blueberries	Packing	All	249	597	42%	50%	No
Berries, Blueberries	Pruning	All	114	365	31%	60%	No
Berries, Raspberries	Packing	All	195	532	37%	50%	No
Berries, Raspberries	Pruning	All	99	343	29%	100%	No
Berries, Strawberries	Pruning	All	1	2	50%	100%	No
Cherries	Pruning	High	226	690	33%	50%	No
Cherries	Pruning	Low	201	641	31%	50%	No
Cherries	Thinning	High	10	32	31%	100%	No
Cherries	Thinning	Medium	7	22	32%	100%	No
Cherries, Dark red	Pruning	All	154	447	34%	60%	No
Cherries, Dark red	Pruning	High	32	92	35%	100%	No
Cherries, Dark red	Pruning	Low	81	238	34%	100%	No
Cherries, Dark red	Pruning	Medium	12	36	33%	100%	No
Cherries, Lapin	Harvesting	High	236	816	29%	40%	No
Cherries, Lapin	Harvesting	Low	199	676	29%	50%	No
Cherries, Lapin	Pruning	All	21	71	30%	100%	No
Cherries, Lapin	Pruning	High	3	10	30%	100%	No
Cherries, Red	Harvesting	Low	452	2,562	18%	20%	No

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds, continued

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Cherries, Red	Pruning	All	183	1,070	17%	35%	No
Cherries, Red	Pruning	High	145	791	18%	50%	No
Cherries, Red	Pruning	Low	1	8	12%	100%	No
Cherries, Red	Pruning	Medium	25	175	14%	100%	No
Cherries, Red	Thinning	All	3	23	13%	100%	No
Cherries, Red	Thinning	Medium	3	23	13%	100%	No
Cherries, Skeena	Harvesting	Low	369	1,114	33%	35%	No
Cherries, Skeena	Pruning	All	22	89	25%	100%	No
Cherries, Skeena	Pruning	High	9	33	27%	100%	No
Cherries, Skeena	Pruning	Low	1	4	25%	100%	No
Cherries, Skeena	Pruning	Medium	8	35	23%	100%	No
Cherries, Sweetheart	Harvesting	Low	190	893	21%	40%	No
Cherries, Sweetheart	Pruning	All	162	624	26%	50%	No
Cherries, Sweetheart	Pruning	High	136	498	27%	60%	No
Cherries, Sweetheart	Pruning	Medium	17	78	22%	100%	No
Cherries, Sweetheart	Thinning	All	3	16	19%	100%	No
Cherries, Sweetheart	Thinning	Medium	3	16	19%	100%	No
Cherries, Yellow	Pruning	All	52	216	24%	100%	No
Cherries, Yellow	Pruning	High	31	130	24%	100%	No
Cherries, Yellow	Pruning	Medium	9	34	26%	100%	No
Cherries, Yellow	Thinning	All	300	1,100	27%	35%	No
Pears	Harvesting	Medium	1,119	12,027	9%	15%	No
Pears	Pruning	All	938	7,010	13%	15%	No
Pears	Pruning	High	61	170	36%	100%	No
Pears	Pruning	Low	132	1,302	10%	30%	No
Pears	Pruning	Medium	259	4,182	6%	15%	No
Pears	Thinning	High	21	59	36%	100%	No
Pears	Thinning	Low	92	1,190	8%	35%	No
Pears	Thinning	Medium	15	42	36%	100%	No
Pears, Bartlett	Harvesting	Medium	942	11,066	9%	15%	No
Pears, Bartlett	Pruning	All	60	174	34%	100%	No
Pears, Bartlett	Pruning	High	13	38	34%	100%	No
Pears, Bartlett	Pruning	Low	17	49	35%	100%	No
Pears, Bartlett	Pruning	Medium	15	44	34%	100%	No
Pears, Bartlett	Thinning	All	99	1,158	9%	35%	No
Pears, Bartlett	Thinning	High	21	61	34%	100%	No

Figure 2. 2018 employment estimates by commodity-activity that did not meet USDOL thresholds, continued

Commodity	Activity	Density	Total reported employment	Total estimated employment	Percent reported employment	USDOL threshold	Determination
Pears, Bartlett	Thinning	Low	58	1,039	6%	35%	No
Pears, Bartlett	Thinning	Medium	10	29	34%	100%	No
Pears, Bosc	Harvesting	All	1,312	14,850	9%	15%	No
Pears, Bosc	Harvesting	High	277	965	29%	40%	No
Pears, Bosc	Harvesting	Low	274	956	29%	40%	No
Pears, Bosc	Harvesting	Medium	393	11,646	3%	15%	No
Pears, Bosc	Pruning	All	4	14	29%	100%	No
Pears, Bosc	Pruning	Medium	4	14	29%	100%	No
Pears, Bosc	Thinning	All	8	28	29%	100%	No
Pears, Bosc	Thinning	Low	4	14	29%	100%	No
Pears, Bosc	Thinning	Medium	4	14	29%	100%	No
Pears, D'anjou	Harvesting	All	2,151	16,753	13%	15%	No
Pears, D'anjou	Harvesting	High	290	832	35%	40%	No
Pears, D'anjou	Harvesting	Low	638	5,198	12%	15%	No
Pears, D'anjou	Harvesting	Medium	686	9,185	7%	15%	No
Pears, D'anjou	Pruning	All	50	142	35%	100%	No
Pears, D'anjou	Pruning	High	15	42	36%	100%	No
Pears, D'anjou	Pruning	Low	14	40	35%	100%	No
Pears, D'anjou	Pruning	Medium	21	60	35%	100%	No
Pears, D'anjou	Thinning	All	4	11	36%	100%	No
Pears, D'anjou	Thinning	Medium	4	11	36%	100%	No