

# Certified Organic Acreage and Sales in Washington State: 2007-2015

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**Citation:** Kirby, E. and Granatstein, D. 2016. Certified organic acreage and sales in Washington State: 2007-2015. Organic Trends series, Center for Sustaining Agriculture and Natural Resources, Washington State University, Wenatchee, WA. 16 pp. [http://csanr.wsu.edu/pages/Organic\\_Statistics](http://csanr.wsu.edu/pages/Organic_Statistics)

## Introduction and Approach

WSU-CSANR has compiled state organic crop acreage statistics since 2004, providing annual updates containing current, detailed information for use in farm and business planning, decision making, and risk management. The Washington State Department of Agriculture (WSDA) has historically been the primary certifier working in the state, certifying an estimated 90% or more of the state's annual organic acreage. Oregon Tilth Certified Organic (OTCO) has typically certified 5-8% of the acreage; a few additional certifiers, such as California Certified Organic Farmers (CCOF), Quality Assurance International (QAI), Stellar Certification Services, and International Certification Services (ICS), among others, certified the balance. This publication contains a series of tables with numerical data on organic farm number and acreage (2007-2015), and sales (2008-2015). For related graphical presentations go to the on-line powerpoints posted at [http://csanr.wsu.edu/pages/Organic\\_Statistics](http://csanr.wsu.edu/pages/Organic_Statistics).

The USDA Economic Research Service (USDA-ERS) and National Agricultural Statistics Service (USDA-NASS) have also collected state and national information on organic crops when funding has been available; however, publication has typically lagged further behind production year. The ERS data are based on certifier-reported values and limited by category, with apples being the sole segregated temperate tree fruit, for example (ERS 2013). NASS administered the 2008 Organic Production Survey (NASS 2010), the 2011 Certified Organic Production Survey (NASS 2013) the 2014 Organic Survey (NASS 2015), and the 2015 Organic Survey (NASS, 2016). The 2008 and 2014 OPS included both certified and exempt producers; data reported here are for certified producers only. The NASS 2011 survey included only certified producers, but participation was voluntary. Values in the survey results sometimes differ from those reported by the authors, as not all growers participate in the surveys, and not all data are collected in the same manner. For example, the NASS surveys mostly report harvested acres, while this report contains all reported certified acres with no information about harvest status.

The goal of the CSANR organic statistics reports is to provide timely, detailed, and accurate data regarding certified organic farms in the state to the extent possible. Since certifiers must verify farm acreage, crops, and sales as part of their National Organic Program (NOP) process, their data should be the most accurate available. However, there are some known inconsistencies. For example, the reporting form for sales and yields has changed over the years, and growers have not been entirely clear on what to report. Individual crops are not always put in the same category each year, especially crops such as cover crops, forage, and seed crops.

The certified acreage numbers present a reliable picture of certified organic crop production in the state. Transition acres (land currently managed as organic that has not met the USDA National Organic Program 3-year period of no prohibited materials) are reported here where producers and certifiers opted to provide it. However, growers are not required to register transition acreage (as of 2002), and the reported transition numbers may underestimate the actual total. Historically, a large proportion of the reported transition acres have been tree fruit acres. While likely under-reported, these numbers were still useful in predicting growth that occurred in the industry during the last decade. County acreage values are considered estimates because site information from farms with sites in multiple counties has not always been segregated for the specific county. The newer WSDA database (beginning in 2016) links each site to the county it is in, improving accuracy.

Table 1 provides an overview of acreage of the major crop categories from 2007-2015. Forage, tree fruit, and vegetables have been the leading categories (% of total column). Total certified area in the state peaked in 2009 and gradually declined each year from 2010 to 2014, while total acreage (including double crop) increased in both 2014 and 2015. Area (acres certified) is distinguished from acreage which includes double cropped land, most common for peas and sweet corn in the Columbia Basin. Hay fields harvested or grazed multiple times had area counted just once for acreage.

Table 2 provides details by individual crop, as reported to the certifier. Major varieties are segregated for apples, pears and grapes. Some producers report different classes of wheat (e.g., hard red, soft white) but typically do not report varieties. Some diversified farms report land as 'Mixed Vegetables' that cannot be segregated by land area, yield, or sales value for individual vegetable crops.

Table 3 presents the number of farms (certified or transition only) and acres by county for 2015. The percent columns describe what portion of certified farm numbers and acres are within that county (given that sites are not always tied to actual county), and are ordered alphabetically first for counties east of the Cascades, and then those west of the Cascades. This allows an examination of the organic sector in these two very different agroclimatic regions. Tables 4 and 5 simply track changes in certified farm number and acreage by county over time.

Tables 6a and 6b present farmgate sales estimates as reported by WSDA and OTCO-certified producers; numbers typically do not include handler or processor income, but may include sales of some value-added products from the farm itself. Due to confidentiality concerns, some county sales values are amalgamated with other counties; this has changed over time with the number of farms reporting. There is temporal variability in the income period; growers can report on calendar, crop or fiscal year basis. Another source of variability is the crop or product marketing period. For example, an apple crop may be harvested in September and sold at various points over the next 10-12 months. Producers differ in the reporting period they choose to use, and thus value for a single apple crop could be split among two different reporting years.

Table values underestimate total Washington organic farmgate sales for various reasons: data from other certifiers (e.g. QAI, CCOF, Stellar) are not included, data are not collected from WSDA and OTCO-certified producers who do not recertify in the year following the sales period, and some producer-processor operations do not segregate and report gross farmgate value but, instead, report value-added totals, not included in these tables. For example, a producer-processor winery may report the sales value of the wine, but not the value of the grapes. WSDA and OTCO-certified producer farmgate data are not available for a few major producer-processor egg operations and for dairies representing about 10% of organic milkers in the state. Given that much of the missing data are for products (e.g. eggs and poultry) produced in Snohomish and Pierce counties, value for producers west of the Cascades is also underestimated.

The 2015 Organic Survey by NASS (2016) reported gross farmgate sales in Washington of \$626.4 million. This is higher than the \$592.1 million reported here. As in the past, part of the difference is due to lack of inclusion of sales from the major broiler producers, a large egg producer, and several large dairies in the WSU estimate. Mushroom production of at least \$18 million is not included. At the same time, participation in the NASS survey was 50% for Washington. Thus, since our data underestimate total sales due to the missing items above, and the NASS data underestimate total sales due to low survey participation, it is likely that the actual farmgate sales for 2015 exceeded \$630 million.

Dairy livestock numbers (WSDA, OTCO) were updated and are found in Table 7. Organic dairies in the state expanded rapidly during the mid-2000s as demand for organic dairy products was rising. The number of certified dairies doubled from 2006 to 2008 and then declined 25% during the recession. Despite regulatory changes and shortages of organic feed, organic cow numbers have increased since 2010, and represented 3% of the state dairy herd in 2015.

The values reported here were compiled from data provided by multiple certifiers, based on farm certification records. All data presented are from certifying bodies accredited by the USDA National Organic Program (NOP). This current report covers acreage through calendar year 2015, and sales through the end of 2015, as reported by producers.

**Further detailed organic statistical information compiled by WSU-CSANR is posted online at [http://csanr.wsu.edu/pages/Organic\\_Statistics](http://csanr.wsu.edu/pages/Organic_Statistics) .**

Table 1. Summary of certified organic acreage in Washington, 2007-2015.  
 (Combined certifier information; C=Certified organic and T=Transition to organic acres).

Category	----- Acres -----										Change (ac)	% of Total
	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015		
Forage	26,091	30,031	32,659	27,753	26,823	28,949	29,642	27,779	29,661	566	1,882	31
Tree Fruit	10,959	16,983	21,862	20,662	19,592	18,855	19,139	19,228	19,685	3,687	457	20.6
Vegetables	20,042	19,836	15,668	13,263	15,191	15,585	16,326	19,945	21,474	27	1,529	22.4
Grains, Dry Beans, Oilseeds	5,276	8,508	13,084	14,540	10,991	9,867	8,530	11,253	12,760	177	1,507	13.3
Small Fruit, Grapes, Nuts	3,014	3,205	3,392	3,707	4,276	4,176	4,214	4,245	4,165	326	-80	4.3
Herbs	1,267	1,137	1,190	1,358	1,565	1,585	1,407	1,133	1,203	--	70	1.3
Other Crops	730	787	811	986	982	1,437	2,009	1,192	2,333	--	1,141	2.4
Fallow	6,918	9,819	15,303	15,769	7,697	6,751	4,111	3,072	3,509	4	437	3.7
Other Non-crop Land	423	985	1,226	1,027	732	534	511	1,007	845	--	-162	0.9
Undefined Land	6,752	4,848	3,141	2,868	2,259	1,522	922	674	143	13	-531	0.1
Total acres (inc. double crop)	81,472	96,139	108,336	101,933	90,108	89,261	86,811	89,528	95,778	4,800	6,250	100
Total area	78,529	92,555	104,962	100,553	89,186	88,072	84,868	84,848	91,088	4,800	6,240	--
Annual % Change	27%	18%	13%	-4%	-11%	-1%	-3.6%	-.02%	7.4%	--	--	--
No. of producers	629-71	689-53	753-10	735-5	729-2	731-3	712-4	700-7	724	22	--	--

*Vegetable category includes melons. Certified acreage totals include 4690 ac double crop; transition includes 0 double crop ac. Total 2015 certified land area is 91,088 ac including 143 ac undefined land (either not cropped or from multiple small cropped sites not entered into crop data base). 2007-2015 data include WSDA, OTCO, ICS and CCOF and incomplete data from Stellar Certification Services and QAI; 2015 data also include OneCert. In 2015, 4 farms were certified by Stellar of which all were included in farm count but only 2 were included in acreage; QAI also certified 3 WA operations in 2015 of which 3 are included in farm number but no acreage data were available. Data do not include non-certified exempt farms. The numbers of producers in red font are farms in transition to organic with no certified organic land. Totals may not add exactly due to decimal rounding. NS= Not specified.*

Table 2. Certified organic acres in Washington, by specific crop, 2007-2015.

	----- Acres -----									
Forage	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
<b>Hay*</b>	<b>11,313</b>	<b>16,454</b>	<b>18,532</b>	<b>17,022</b>	<b>18,459</b>	<b>19,235</b>	<b>19,288</b>	<b>18,436</b>	<b>18,838</b>	<b>558</b>
<i>Alfalfa</i>	2,783	4,527	4,628	2,888	2,626	2,504	2,046	2,095	3,175	275
<i>Mixed (alfalfa-grass)</i>	783	1,626	1,731	1,401	1,286	779	190	225	484	--
<i>Grass and mixed grass</i>	2,552	5,133	4,316	5,127	5,358	4,739	4,890	7,549	8,810	23
<i>Small Grain</i>	285	516	449	386	529	190	110	243	269	--
<i>Unspecified</i>	4,911	4,652	7,408	7,220	8,660	11,023	12,052	8,324	6,100	260
<b>Corn Silage</b>	<b>948</b>	<b>166</b>	<b>1,020</b>	<b>459</b>	<b>490</b>	<b>664</b>	<b>858</b>	<b>767</b>	<b>1,027</b>	<b>--</b>
<b>Pasture</b>	<b>13,831</b>	<b>13,411</b>	<b>13,085</b>	<b>10,271</b>	<b>7,874</b>	<b>9,049</b>	<b>9,308</b>	<b>8,576</b>	<b>9,796</b>	<b>8</b>
<b>Forage, NS</b>	<b>--</b>	<b>--</b>	<b>22</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>188</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Total Forage</b>	<b>26,092</b>	<b>30,031</b>	<b>32,659</b>	<b>27,752</b>	<b>26,823</b>	<b>28,949</b>	<b>29,642</b>	<b>27,779</b>	<b>29,661</b>	<b>566</b>

\*Includes ground with any cut hay, haylage, silage etc.; acreages only counted once. Typically, over 30% of hay ground acres were reported as also used as pasture but not counted as double crop. C=Certified organic; T=Transition. 2007-2015 values include WSDA, ICS, QAI, OTCO, CCOF, OneCert and SCS data. NS= Not specified.

Dry Beans/Pulses	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Pea	28	87	167	252	58	189	76	465	113	--
Lentil	--	75	--	--	--	--	--	--	--	--
White kidney	52	--	19	15	24	--	--	4	--	--
Fava	--	1	1	1	1	--	--	6	--	--
Pinto	15	20	170	505	130	588	542	901	588	--
Black	--	--	--	865	13	--	23	59	31	--
Other & Unspecified	377	481	933	1,823	1,320	510	276	99	537	1
<b>Total Pulse</b>	<b>472</b>	<b>664</b>	<b>1,290</b>	<b>3,461</b>	<b>1,546</b>	<b>1,287</b>	<b>917</b>	<b>1,534</b>	<b>1,269</b>	<b>1</b>
Grains	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
<b>Wheat</b>	<b>1,860</b>	<b>4,644</b>	<b>7,791</b>	<b>6,526</b>	<b>5,785</b>	<b>5,189</b>	<b>3,929</b>	<b>4,721</b>	<b>7,915</b>	<b>144</b>
<i>Wheat, hard red</i>	75	96	803	1,686	1,140	959	1,260	798	1,658	--
<i>Wheat, soft white</i>	384	440	561	447	100	63	273	654	566	--
<i>Unspecified &amp; Other</i>	1,157	3,779	5,524	3,210	3,522	3,576	1,630	2,702	5,013	144
<i>Einkorn</i>	--	--	--	--	--	11	85	119	126	--
<i>Emmer</i>	60	75	156	170	88	99	142	204	99	--
<i>Spelt</i>	184	254	747	1,013	935	481	539	244	453	--
<b>Corn</b>	<b>1,970</b>	<b>2,265</b>	<b>2,796</b>	<b>2,672</b>	<b>1,648</b>	<b>1,707</b>	<b>1,531</b>	<b>1,506</b>	<b>1,635</b>	<b>--</b>
<b>Triticale</b>	<b>341</b>	<b>365</b>	<b>705</b>	<b>1,137</b>	<b>940</b>	<b>629</b>	<b>772</b>	<b>734</b>	<b>417</b>	<b>--</b>
<b>Rye</b>	<b>9</b>	<b>28</b>	<b>131</b>	<b>206</b>	<b>35</b>	<b>4</b>	<b>4</b>	<b>9</b>	<b>55</b>	<b>--</b>
<b>Barley</b>	<b>62</b>	<b>311</b>	<b>231</b>	<b>151</b>	<b>783</b>	<b>788</b>	<b>962</b>	<b>673</b>	<b>859</b>	<b>--</b>
<b>Oats</b>	<b>15</b>	<b>112</b>	<b>74</b>	<b>41</b>	<b>162</b>	<b>70</b>	<b>147</b>	<b>1,665</b>	<b>138</b>	<b>32</b>
<b>Buckwheat</b>	<b>2</b>	<b>2</b>	<b>--</b>	<b>21</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>33</b>	<b>--</b>
<b>Teff</b>	<b>30</b>	<b>--</b>	<b>--</b>	<b>50</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Other &amp; Unspecified</b>	<b>--</b>	<b>17</b>	<b>39</b>	<b>145</b>	<b>87</b>	<b>192</b>	<b>160</b>	<b>349</b>	<b>215</b>	<b>--</b>
<b>Subtotal Grain</b>	<b>4,289</b>	<b>7,744</b>	<b>11,767</b>	<b>10,949</b>	<b>9,443</b>	<b>8,579</b>	<b>7,505</b>	<b>9,657</b>	<b>11,257</b>	<b>176</b>
<b>Unspecified Grains &amp; Dry Beans</b>	<b>316</b>	<b>--</b>	<b>19</b>	<b>34</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>11</b>	<b>--</b>	<b>--</b>
Oilseeds	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Canola	153	87	--	--	--	--	105	--	--	--
Flaxseed	25	1	--	90	1	--	--	--	--	--
Camelina	14	10	8	2	--	1	3	51	99	--
Sunflower	8	2	--	--	--	--	--	--	--	--
Mustard	--	--	--	4	--	--	--	--	125	--
<b>Total Oilseed</b>	<b>200</b>	<b>100</b>	<b>8</b>	<b>96</b>	<b>1</b>	<b>1</b>	<b>108</b>	<b>51</b>	<b>224</b>	<b>--</b>

Table 2. (cont.)	----- Acres -----									
Vegetables	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
<b>Assorted</b>										
Asparagus	96	98	84	83	135	159	157	167	125	20
Peas	5,225	5,243	3,256	3,636	3,241	3,975	4,259	4,776	4,236	--
Pepper	22	15	41	32	29	37	44	42	65	--
Salad Greens	69	35	96	83	86	83	109	148	116	--
<i>Lettuce</i>	--	29	42	37	35	42	45	54	46	--
<i>Spinach</i>	--	1	10	15	15	10	25	55	59	--
<i>Other, Mixed</i>	--	5	44	31	36	31	39	39	11	--
Sweet corn	8,230	7,689	5,528	4,462	6,091	5,178	4,768	7,330	7,869	--
Tomato	40	50	38	39	36	50	31	37	29	--
Eggplant	7	3	6	6	12	16	9	8	13	--
Rhubarb	12	12	9	9	14	32	32	36	32	1
Mixed & Other	1,606	1,186	1,084	1,104	1,251	1,851	1,546	1,096	948	6
<b>Allium</b>										
Garlic	27	35	35	17	50	34	48	39	43	--
Leek	95	124	103	135	172	163	148	146	124	--
Onion	604	1,051	653	408	499	480	664	783	941	--
Other or NS	--	9	13	16	9	13	18	14	33	--
<b>Beans</b>										
Green, Snap	1,139	1,432	2,107	1,169	1,602	1,247	1,505	1,788	2,451	
Black, Shell	--	30	--	--	--	--	--	--	--	--
Fava, Shell	7	2	--	1	1	4	--	9	5	--
Lima, Shell	180	183	183	215	48	62	268	240	109	--
Edamame, Shell	--	--	--	--	5	--	--	--	--	--
<b>Brassicas</b>										
Broccoli	35	58	32	21	20	10	36	32	156	--
Brussels Sprout	--	--	--	--	--	4	3	1	32	--
Cabbage	23	33	29	35	30	23	16	23	34	--
Cauliflower	8	6	8	8	4	7	8	5.5	4	--
Chard	--	--	--	--	--	10	6	8	21	--
Kale	9	3	15	14	12	11	14	20	49	--
Other & Unspecified	3	4	9	17	6	2	46	17	11	--
<b>Cucurbits</b>										
Cucumbers	29	80	79	85	69	65	61	69	82	--
Watermelon	67	45	34	120	39	52	9	56	121	--
Melons, Other & NS	43	32	53	35	36	37	41	40	51	--
Squash, Mixed	147	109	170	152	261	312	373	340	576	
Pumpkins	29	68	37	60	77	22	34	31	25	--
<b>Roots and Tubers</b>										
Beets	18	21	38	46	29	103	100	216	253	--
Carrot	399	552	217	215	273	280	240	522	571	--
Parsnip	2	3	2	3	1	4	9	7	7	--
Potato	1,866	1,600	1,697	1,032	1,044	1,253	1,717	1,895	2,333	--
Seed Potato	--	24	4	--	2	2	2	--	--	--
Radish	4	--	4	4	4	2	3	1	4	--
Turnip	2	1	4	2	3	1	1	2	2	--
Other & Unspecified	--	--	--	--	--	1	1	--	3	--
<b>Total Vegetables</b>	<b>20,043</b>	<b>19,836</b>	<b>15,668</b>	<b>12,095</b>	<b>15,191</b>	<b>15,585</b>	<b>16,326</b>	<b>19,945</b>	<b>21,474</b>	<b>27</b>

Table 2.(cont.)	----- Acres -----									
Tree Fruit	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
<b>Apple</b>										
Gala	1,672	2,710	3,458	3,201	3,332	3,207	3,264	3,333	3,437	975
Red Delicious	1,018	1,459	1,630	1,461	1,380	1,337	1,375	1,344	1,303	253
Fuji	1,299	2,280	3,045	3,366	3,472	3,449	3,354	3,235	3,271	572
Golden Types	866	1,225	1,557	1,058	988	896	896	944	948	129
Granny Smith	1,006	1,268	1,700	1,470	1,364	1,274	1,258	1,223	1,263	343
Braeburn	599	956	1,083	884	551	479	443	315	268	12
Cripps Pink	596	1,047	1,081	1,016	952	828	841	897	888	117
Cameo®	219	436	436	458	552	399	319	322	292	1
Honeycrisp	339	756	879	1,099	1,087	1,158	1,587	1,727	1,804	754
Other & Unspecified	404	799	866	777	618	630	693	712	805	200
<b>Subtotal</b>	<b>8,018</b>	<b>12,936</b>	<b>15,735</b>	<b>14,790</b>	<b>14,296</b>	<b>13,657</b>	<b>14,030</b>	<b>14,052</b>	<b>14,283</b>	<b>3,356</b>
<b>Pear</b>										
D'Anjou	401	519	616	636	614	618	564	586	646	22
Bartlett	480	591	656	692	629	627	631	596	643	42
Bosc	218	223	276	301	282	322	310	315	350	48
Asian	41	43	44	43	33	34	29	18	28	--
Red D'Anjou	60	67	83	95	94	93	79	100	125	22
Concorde	44	60	43	31	31	34	34	38	44	13
Red Bartlett	39	52	88	69	55	40	39	41	56	14
Other & Unspecified	135	158	158	166	179	132	134	149	154	4
<b>Subtotal</b>	<b>1,418</b>	<b>1,713</b>	<b>1,964</b>	<b>2,033</b>	<b>1,917</b>	<b>1,900</b>	<b>1,820</b>	<b>1,843</b>	<b>2,050</b>	<b>165</b>
<b>Stone</b>										
Apricot	96	107	265	299	296	266	285	299	260	--
Cherry	1,026	1,738	2,437	2,147	1,827	1,792	1,850	1,939	2,056	155
Nectarine	82	114	472	550	528	488	464	440	395	--
Peach	193	199	644	701	619	618	594	580	553	11
Plum/Prune/Pluot	61	97	130	125	92	89	64	58	56	--
Other & Unspecified	64	79	151	13	17	45	22	17	32	--
<b>Subtotal</b>	<b>1,522</b>	<b>2,334</b>	<b>4,099</b>	<b>3,835</b>	<b>3,379</b>	<b>3,298</b>	<b>3,279</b>	<b>3,333</b>	<b>3,352</b>	<b>166</b>
<b>Mixed Tree Fruit</b>	<b>--</b>	<b>--</b>	<b>64</b>	<b>4</b>	<b>--</b>	<b>--</b>	<b>10</b>	<b>--</b>	<b>--</b>	<b>--</b>

Small Fruit	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
<b>Berries</b>										
Blackberry	43	69	71	105	137	102	73	73	67	8
Blueberry	353	481	599	903	1,258	1,379	1,447	1,540	1,705	197
Cranberry	--	--	--	--	--	--	10	10	10	13
Raspberry	208	166	143	161	180	178	106	61	57	30
Strawberry	22	21	38	35	44	87	69	96	97	--
Other & Unspecified	17	20	22	14	30	34	30	25	34	61
<b>Subtotal</b>	<b>643</b>	<b>757</b>	<b>873</b>	<b>1,218</b>	<b>1,649</b>	<b>1,780</b>	<b>1,735</b>	<b>1,805</b>	<b>1,970</b>	<b>309</b>



	----- Acres -----									
<b>Grapes</b>	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Juice	1,676	1,476	1,475	1,581	1,516	1,520	1,521	1,432	1,291	17
<i>Concord</i>	--	--	--	--	1,467	1,467	1,468	1,379	1,223	17
<i>Niagara</i>	--	--	--	--	49	53	53	53	68	--
Wine	582	881	969	868	1,066	838	916	978	873	--
<i>Cabernet Sauvignon</i>	--	--	--	--	166	159	179	326	245	--
<i>Merlot</i>	--	--	--	--	170	70	70	99	107	--
<i>Syrah</i>	--	--	--	--	65	55	107	122	112	--
<i>Red, Other</i>	--	--	--	--	51	52	46	37	36	--
<i>Riesling</i>	--	--	--	--	358	229	257	134	209	--
<i>Chardonnay</i>	--	--	--	--	174	174	165	165	83	--
<i>Gewurztraminer</i>	--	--	--	--	18	18	18	18	16	--
<i>White, Other</i>	--	--	--	--	59	48	46	51	53	--
<i>Wine, Unspecified</i>	--	--	--	--	5	33	28	26	12	--
Table & Unspecified	65	35	18	14	13	7	10	6	9	--
<b>Subtotal</b>	<b>2,323</b>	<b>2,392</b>	<b>2,462</b>	<b>2,463</b>	<b>2,599</b>	<b>2,365</b>	<b>2,447</b>	<b>2,416</b>	<b>2,173</b>	<b>17</b>
<b>Other Fruit</b>										
Kiwi	--	3	2	7	2	2	2	2	1	--

<b>Nuts</b>	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Almonds	1	6	5	5	9	12	12	4	4	--
Chestnuts	2	2	2	3	3	3	3	3	3	--
Filberts/Hazelnuts	37	37	39	2	4	4	4	4	3	--
Walnuts	4	5	6	6	6	7	8	8	8	--
Other & Unspecified	5	3	3	3	4	3	3	3	3	--
<b>Subtotal</b>	<b>48</b>	<b>53</b>	<b>55</b>	<b>19</b>	<b>26</b>	<b>29</b>	<b>30</b>	<b>22</b>	<b>21</b>	<b>--</b>
<b>Tree Fruit</b>	10,959	16,983	21,862	20,662	19,592	18,855	19,139	19,228	19,685	3687
<b>Small Fruit &amp; Nuts</b>	3,014	3,205	3,392	3,707	4,276	4,176	4,214	4,245	4,165	326
<b>Total Fruit and Nuts</b>	<b>13,970</b>	<b>20,188</b>	<b>25,254</b>	<b>24,369</b>	<b>23,868</b>	<b>23,031</b>	<b>23,353</b>	<b>23,473</b>	<b>23,850</b>	<b>4,013</b>

<b>Herbs</b>	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Medicinal	518	545	568	487	626	718	547	586	606	--
Mint	308	199	182	193	258	240	214	250	299	--
Culinary	212	120	128	165	194	95	138	213	230	--
Other or Unspecified	187	227	275	474	453	492	474	48	30	--
Lavender	42	46	37	39	34	40	34	36	38	--
<b>Total Herbs</b>	<b>1,267</b>	<b>1,137</b>	<b>1,190</b>	<b>1,358</b>	<b>1,565</b>	<b>1,585</b>	<b>1,407</b>	<b>1,133</b>	<b>1,203</b>	<b>--</b>

	----- Acres -----									
Other Crops	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Flowers, cut or edible	6	16	17	16	9	9	10	9	11	--
Cover crop	148	171	218	361	157	369	577	303	1,712	--
Hops	32	54	65	66	58	156	203	190	210	--
Mushrooms*	6	6	1	<1	<1	<1	1	1	2	--
Seed Crops	116	119	88	139	353	391	463	266	102	--
Mixed/Other Vegetable	116	30	46	20	5	23	23	25	27	--
Beets	--	17	20	50	25	62	40	35	35	--
Carrot	--	61	--	60	158	138	120	64	--	--
Onion	--	--	--	--	3	1	--	118	--	--
Spinach	--	11	22	1	--	--	10	21	--	--
Grass	--	--	--	--	158	148	144	--	--	--
Other Seed	--	--	--	8	4	19	126	3	40	--
GH/Nursery	--	4	3	6	15.4	12	15	16	104	--
Mixed Hort	--	57	12	10	14	16	5	50	9	--
Wildcraft	367	360	362	375	375	403	360	282	90	--
Other & Unspecified	56	--	45	12	--	80	375	75	93	--
<b>Total Other Crops</b>	<b>731</b>	<b>787</b>	<b>811</b>	<b>986</b>	<b>982</b>	<b>1,437</b>	<b>2,009</b>	<b>1,192</b>	<b>2,333</b>	<b>--</b>

\*Certified mushrooms are produced in WA but individual farm production areas can be small and not entered in database.

Other Land	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	C2015	T2015
Fallow/Summer Fallow	6,918	9,819	15,303	14,256	7,697	6,751	4,111	3,072	3,309	4
CRP, CREP land	--	--	--	1,512	--	--	--	200	200	--
Timber/Woods	423	925	931	864	524	478	510	737	768	--
Other & Unspecified	--	60	295	164	208	56	1	70	77	--
Undefined land	6,752	4,848	3,141	2,868	2,259	1,522	922	674	143	13
<b>Total Other Land</b>	<b>14,093</b>	<b>15,652</b>	<b>19,670</b>	<b>19,664</b>	<b>10,688</b>	<b>8,807</b>	<b>5,544</b>	<b>4,753</b>	<b>4,497</b>	<b>17</b>

Table 3. Number of certified organic farms and area in Washington, by county, 2015.  
(Combined certifiers; C = Certified organic and T= Transition to organic)

County	No. of producers 2015		----- Acres -----		----- Percent -----	
	C	T Only	C	T	C Farms	C Area
Adams	10		2,745	118	1.4%	3.0%
Asotin	--	--	--	--	--	--
Benton	26	1	6,868	445	3.6%	7.5%
Chelan	44	--	1,715	89	6.1%	1.9%
Columbia	--	--	--	--	--	--
Douglas	29	3	2,056	638	4.0%	2.3%
Ferry	1	--	2	--	0.1%	0.002%
Franklin	31	5	3,593	543	4.3%	3.9%
Garfield	--	--	--	--	--	--
Grant	90	7	24,767	2241	12.4%	27.2%
Kittitas	3	--	975	12	0.4%	1.1%
Klickitat	17	--	2,799	--	2.3%	3.1%
Lincoln	3	--	1,387	--	0.4%	1.5%
Okanogan	66	1	4,103	157	9.1%	4.5%
Pend Oreille	--	--	--	--	--	--
Spokane	10	--	1,204	--	1.4%	1.3%
Stevens	24	--	2,416	--	3.3%	2.7%
Walla Walla	12	--	2,120	--	1.7%	2.3%
Whitman	3	--	116	--	0.4%	0.1%
Yakima	88	1	5,134	297	12.2%	5.6%
<b>East of Cascades</b>	<b>457</b>	<b>18</b>	<b>62,000</b>	<b>4,539</b>	<b>63%</b>	<b>68%</b>
Clallam	12	--	748	0.3	1.7%	0.8%
Clark	14	--	384	--	1.9%	0.4%
Cowlitz	--	--	--	--	--	--
Grays Harbor	5	--	677	--	0.7%	0.7%
Island	9	--	342	--	1.2%	0.4%
Jefferson	13	--	841	--	1.8%	0.9%
King	24	--	3,456	1	3.3%	3.8%
Kitsap	6	--	112	--	0.8%	0.1%
Lewis	30	--	5,405	--	4.1%	5.9%
Mason	2	--	40	--	0.3%	0.04%
Pacific	1	2	10	13	0.1%	0.01%
Pierce	15	--	1,379	--	2.1%	1.5%
San Juan	8	--	178	--	1.1%	0.2%
Skagit	45	2	6,737	214	6.2%	7.4%
Skamania	2	--	100	--	0.3%	0.1%
Snohomish	18	--	1,164	--	2.5%	1.3%
Thurston	27	--	2,287	--	3.7%	2.5%
Wahkiakum	2	--	674	--	0.3%	0.7%
Whatcom	34	--	4,555	32	4.7%	5.0%
<b>West of Cascades</b>	<b>267</b>	<b>4</b>	<b>29,088</b>	<b>261</b>	<b>37%</b>	<b>32%</b>
<b>State Total</b>	<b>724</b>	<b>22</b>	<b>91,088</b>	<b>4,800</b>		

Values were based on land area and did not included double crop acres. T farms had land in transition to organic only; C farms had certified organic acres but could also include transition land.

Table 4. Number of certified organic farms in Washington, by county: 2007-2015.  
(Combined certifiers; C = Certified organic)

County	----- Number of Producers -----								
	C 2007	C 2008	C 2009	C 2010	C 2011	C 2012	C 2013	C 2014	C 2015
Adams	6	7	10	10	9	9	12	10	10
Asotin	1	1	1	1	1	1	1	--	--
Benton	26	27	28	30	27	26	25	27	26
Chelan	50	49	51	50	51	44	40	42	44
Columbia	--	--	--	--	--	--	--	--	--
Douglas	27	27	29	28	28	28	28	29	29
Ferry	--	--	--	--	1	1	2	1	1
Franklin	13	22	31	32	31	31	29	29	31
Garfield	1	1	1	--	--	--	--	--	--
Grant	49	64	88	91	87	87	83	85	90
Kittitas	5	4	4	3	5	6	4	3	3
Klickitat	13	13	17	18	19	21	17	17	17
Lincoln	3	4	6	5	4	4	3	3	3
Okanogan	56	60	61	58	57	61	67	63	66
Pend Oreille	--	--	--	--	--	--	--	--	--
Spokane	4	4	5	5	10	12	10	8	10
Stevens	25	23	23	21	21	21	22	22	24
Walla Walla	13	13	9	9	12	13	13	13	12
Whitman	6	7	8	7	6	5	4	3	3
Yakima	90	108	109	103	94	94	91	92	88
<b>East of Cascades</b>	<b>388</b>	<b>434</b>	<b>481</b>	<b>471</b>	<b>463</b>	<b>464</b>	<b>451</b>	<b>447</b>	<b>457</b>
Clallam	10	11	11	11	12	13	13	12	12
Clark	13	14	15	15	14	15	15	15	14
Cowlitz	1	1	2	2	2	2	1	1	--
Grays Harbor	8	6	6	6	7	7	6	5	5
Island	5	7	7	9	11	9	8	9	9
Jefferson	8	11	12	13	13	11	10	10	13
King	21	24	26	24	22	26	23	22	24
Kitsap	5	6	7	7	7	7	7	7	6
Lewis	24	26	25	25	25	26	26	25	30
Mason	3	1	2	2	3	3	3	2	2
Pacific	4	4	4	1	1	1	1	1	1
Pierce	10	8	9	10	11	13	15	16	15
San Juan	9	10	11	11	10	11	8	6	8
Skagit	38	41	43	44	44	43	43	40	45
Skamania	2	2	5	2	2	2	3	2	2
Snohomish	20	19	21	21	21	17	20	23	18
Thurston	23	25	23	24	25	25	23	22	27
Wahkiakum	3	3	3	3	2	3	3	3	2
Whatcom	34	36	40	34	34	33	33	32	34
<b>West of Cascades</b>	<b>241</b>	<b>255</b>	<b>272</b>	<b>264</b>	<b>266</b>	<b>267</b>	<b>261</b>	<b>253</b>	<b>267</b>
<b>State Total</b>	<b>629</b>	<b>689</b>	<b>753</b>	<b>735</b>	<b>729</b>	<b>731</b>	<b>712</b>	<b>700</b>	<b>724</b>

2007- 2011 values include producers certified by WSDA, OTCO, ICS, QAI, CCOF; 2012-2015 also include number of farms certified by Stellar.

Table 5. Certified organic area in Washington, by county: 2007-2015.  
(Combined certifiers; C = Certified organic)

County	C 2007	C 2008	C 2009	C 2010	C 2011	C 2012	C 2013	C 2014	C 2015	±C 14-15
Adams	1,766	3,145	4,217	5,914	2,506	2,483	3,258	2,688	2,745	57
Asotin	800	800	800	800	800	800	800	--	--	--
Benton	11,336	13,121	13,033	9,202	8,699	7,805	5,975	6,385	6,868	483
Chelan	1,426	1,992	2,504	2,012	2,207	1,763	1,639	1,687	1,715	28
Columbia	--	--	--	--	--	--	--	--	--	--
Douglas	4,990	5,002	5,688	4,202	2,200	2,368	2,289	2,238	2,056	-182
Ferry	--	--	--	--	4	4	5	2	2	0
Franklin	1,229	3,030	3,749	3,573	3,320	3,247	3,045	3,240	3,593	353
Garfield	328	328	328	--	--	--	--	--	--	--
Grant	15,565	18,519	20,859	23,796	23,360	21,996	19,509	21,677	24,767	<b>3,090</b>
Kittitas	267	124	124	133	219	199	1,012	1,013	975	-38
Klickitat	2,190	2,390	3,032	3,359	4,071	3,419	3,052	2,524	2,799	275
Lincoln	1,029	1,079	7,876	7,748	1,961	2,433	1,588	1,652	1,387	-265
Okanogan	2,825	4,396	4,000	4,055	3,926	3,710	3,827	3,823	4,103	280
Pend Oreille	--	--	--	--	--	--	--	--	--	--
Spokane	101	95	95	87	85	975	932	921	1,204	283
Stevens	2,237	2,252	2,225	2,176	2,117	2,103	2,559	2,569	2,416	-153
Walla Walla	2,032	1,295	1,649	1,793	2,328	2,240	2,278	2,243	2,120	-123
Whitman	155	153	165	75	64	64	59	46	116	70
Yakima	6,148	8,277	8,012	6,263	5,419	5,663	5,093	4,922	5,134	212
<b>East of Cascades</b>	<b>54,425</b>	<b>65,999</b>	<b>78,356</b>	<b>75,188</b>	<b>63,286</b>	<b>61,272</b>	<b>56,920</b>	<b>57,630</b>	<b>62,000</b>	<b>4,370</b>
Clallam	341	420	420	458	455	448	448	779	748	-31
Clark	407	503	455	651	771	498	560	441	384	-57
Cowlitz	20	20	20	20	20	20	1	30	--	-30
Grays Harbor	1,736	1,300	1,263	1,417	1,316	1,465	1,390	673	677	4
Island	151	279	275	288	291	294	258	284	342	58
Jefferson	889	939	961	824	810	756	819	876	841	-35
King	1,270	3,040	3,117	2,940	2,959	3,321	3,306	3,062	3,456	394
Kitsap	108	109	113	111	111	127	127	118	112	-6
Lewis	4,159	4,777	4,357	4,585	4,271	4,233	4,362	4,213	5,405	<b>1,192</b>
Mason	26	17	21	21	22	44	44	40	39	-1
Pacific	500	500	500	10	10	10	10	10	10	0
Pierce	746	885	899	1,111	1,148	1,539	1,738	1,726	1,379	-347
San Juan	244	253	421	396	371	304	192	142	178	36
Skagit	4,476	4,825	5,820	5,579	5,627	6,015	6,107	6,135	6,737	<b>602</b>
Skamania	85	59	121	79	80	68	98	94	100	6
Snohomish	2,546	2,122	1,417	755	1,235	1,102	1,156	1,243	1,164	-79
Thurston	2,959	2,818	2,367	2,451	2,694	2,553	2,658	1,990	2,287	297
Wahkiakum	605	651	738	737	671	745	745	768	674	-94
Whatcom	2,839	3,042	3,321	2,932	3,038	3,258	3,929	4,594	4,555	-39
<b>West of Cascades</b>	<b>24,105</b>	<b>26,556</b>	<b>26,606</b>	<b>25,365</b>	<b>25,900</b>	<b>26,800</b>	<b>27,948</b>	<b>27,218</b>	<b>29,088</b>	<b>1,870</b>
<b>State Total</b>	<b>78,530</b>	<b>92,555</b>	<b>104,962</b>	<b>100,553</b>	<b>89,186</b>	<b>88,072</b>	<b>84,868</b>	<b>84,848</b>	<b>91,088</b>	<b>6,240</b>

Values were based on land area and did not include identified double crop acres. 2007- 2011 values include producers certified by WSDA, OTCO, ICS, QAI, CCOF; 2012-2015 also include number of farms certified by Stellar.

Table 6a. Estimated WSDA and OTCO farmgate sales of certified organic crop and animal products in Washington, by region (east). *Counties are grouped to protect confidentiality where necessary. Chelan and Douglas counties are grouped due to a portion of sales reported in Chelan actually representing Douglas.*

Region	County	----- \$ Gross Farmgate Value -----									
		2008	2009	2010	2011	2012	2013	2014	2015	% Sales	%± 14-15
E	Adams	6,803,978	4,712,747	4,450,809	6,075,215	13,039,630	13,313,041	12,237,781	32,515,731	5	166
E	Asotin	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	--	--	--	--	--
E	Asotin, Garfield, Whitman	128,615	76,305	105,704	113,635	103,061	--	--	--	--	--
E	Benton	39,532,259	21,900,016	22,011,629	25,818,613	36,513,778	44,566,971	51,934,544	54,169,833	9	4
E	Chelan, Douglas	32,604,025	23,932,300	24,111,199	27,518,678	31,818,755	41,293,785	43,239,154	61,745,595	10	43
E	Columbia	--	--	--	--	--	--	--	--	--	--
E	Douglas	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	<i>Chelan-Doug.</i>	--	--
E	Ferry	--	--	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	--	--
E	Franklin	8,152,407	10,812,398	13,188,205	18,033,263	23,394,676	24,047,190	34,933,381	39,615,754	7	13
E	Garfield	<i>Asotin group</i>	--	--	--	--	--	--	--	--	--
E	Grant	51,920,630	52,924,663	64,005,943	87,771,761	106,772,592	144,063,298	180,029,662	166,638,444	28	-7
E	Kittitas	40,408	41,584	169,558	83,265	95,997	172,101	171,147	40,000	0.1	-77
E	Klickitat	6,271,043	5,792,017	6,645,054	8,411,142	6,475,147	5,876,317	9,038,215	9,724,736	2	8
E	Lincoln	84,926	297,440	367,120	446,299	175,301	253,142	365,647	926,934	0.2	154
E	Okanogan	12,716,501	12,078,319	10,664,717	14,209,137	17,897,348	23,323,109	25,940,190	50,130,456	9	93
E	Pend Oreille	--	--	--	--	--	--	--	--	--	--
E	Spokane	35,288	72,306	126,430	157,213	176,592	162,360	262,662	178,107	0.1	-32
E	Stevens	750,085	390,822	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	--	--
E	Stevens, Ferry	<i>Stevens</i>	<i>Stevens</i>	499,898	504,538	647,117	745,248	1,082,625	1,050,836	0.2	-3
E	Walla Walla	14,604,314	10,483,575	20,011,407	22,049,205	27,734,332	35,317,450	33,439,506	46,465,975	8	39
E	Whitman	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	108,186	95,980	192,197	0.1	100
E	Yakima	24,507,400	21,119,600	19,051,245	23,433,582	31,226,646	40,936,693	41,310,523	55,906,334	9	35

	2008	2009	2010	2011	2012	2013	2014	2015	%	%±
East of Cascades	198,151,879	164,634,092	185,408,918	234,625,546	296,070,971	374,178,890	434,081,017	519,300,933	88	20
West of Cascades	48,552,268	46,070,879	52,305,399	49,827,602	59,469,172	61,327,505	62,385,889	72,818,671	12	17
State Total	246,704,147	210,704,971	237,714,317	284,453,148	355,540,144	435,506,395	496,466,906	592,119,604	100	19

*Percent of sales is based on most recent year. Percent change is based on 2014-2015. All years include sales data from WSDA and OTCO only. No sales data were available for QAI, Stellar or CCOF certified WA farms. Values may not include income from producers who may report all sales as processors.*

Table 6b. Estimated WSDA and OTCO farmgate sales of certified organic crop and animal products in Washington, by region (west).

Region	County	----- \$ Gross Farmgate Value -----									% Sales	%± 14-15
		2008	2009	2010	2011	2012	2013	2014	2015			
W	Clallam	824,415	1,233,943	1,299,608	1,560,370	1,314,326	1,337,777	1,414,615	1,403,730	0.2	-1	
W	Clark	<i>Clark group</i>	1,632,818	1,541,910	1,831,544	1,504,563	1,231,430	1,001,903	1,410,217	0.2	41	
W	Clark, Cowlitz, Skamania	1,614,752	<i>See Clark or Cowl-Skam.</i>	<i>See Clark or Cowl-Skam.</i>	<i>See Clark or Cowl-Skam.</i>	<i>See Clark or Cowl-Skam.</i>	<i>See Clark or Cowl-Skam.</i>	<i>See Clark or Cowl-Skam.</i>	<i>See Clark or Cowl-Skam.</i>	--	--	
W	Cowlitz	<i>Clark group</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	--	--	
W	Cowlitz, Skamania	<i>Clark group</i>	260,186	502,576	226,226	323,369	506,805	529,710	--	--	--	
W	Grays Harbor	<i>Mason-Grays</i>	1,806,137	1,402,045	1,327,370	1,404,448	<i>Mason-Grays</i>	<i>Mason-Grays</i>	<i>Mason-Grays</i>	--	--	
W	Island	66,136	112,993	247,466	189,900	236,847	167,446	295,906	283,042	<0.1	-4	
W	Jefferson	841,383	1,125,011	1,163,653	1,370,432	1,530,297	1,714,805	1,943,652	3,780,520	0.6	95	
W	King	5,873,710	5,412,335	7,631,333	8,871,133	6,970,329	6,392,332	5,349,739	6,273,249	1.1	17	
W	Kitsap	263,421	262,028	332,138	362,990	365,997	503,220	643,018	725,065	0.1	13	
W	Lewis	5,532,312	5,613,327	5,787,645	6,082,515	6,781,391	7,259,315	8,899,534	9,813,156	1.7	10	
W	Mason	<i>Mason-Grays</i>	--	3,323,234	3,930,876	5,143,980	<i>Mason-Grays</i>	<i>Mason-Grays</i>	<i>Mason-Grays</i>	--	--	
W	Mason, Grays H.	4,005,861	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	8,860,291	964,994	1,605,605	0.3	66	
W	Pacific	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	--	--	
W	Pierce	1,690,631	1,912,661	1,502,865	1,983,393	2,307,708	2,303,301	2,426,558	2,404,978	0.4	-1	
W	San Juan	209,305	111,021	90,628	141,693	64,084	68,177	73,491	46,296	<0.1	-37	
W	Skagit	13,339,494	12,011,836	13,177,534	11,520,913	14,238,853	16,080,706	16,749,949	20,929,398	3.5	25	
W	Skamania	<i>Clark group</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	--	--	
W	Snohomish	2,045,592	2,227,662	2,051,332	2,274,943	3,102,352	3,114,504	3,239,818	3,021,221	0.5	-7	
W	Thurston	6,533,326	6,353,482	6,281,221	2,334,335	7,288,107	3,341,268	9,314,688	9,319,670	1.6	0	
W	Wahkiakum	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	<i>Wahk-Pac</i>	--	--	
W	Wahkiakum, Pacific	773,070	706,945	752,067	771,701	844,476	929,386	944,855	1,158,485	0.2	23	
W	Whatcom	4,938,860	5,288,494	5,218,145	5,047,268	6,048,047	7,516,742	8,593,461	10,644,037	1.8	24	

	2008	2009	2010	2011	2012	2013	2014	2015	%	%±
East of Cascades	198,151,879	164,634,092	185,408,918	234,625,546	296,070,971	374,178,890	434,081,017	519,300,933	88	20
West of Cascades	48,552,268	46,070,879	52,305,399	49,827,602	59,469,172	61,327,505	62,385,889	72,818,671	12	17
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Percent of sales is based on most recent year. Percent change is based on 2014-2015. All years include sales data from WSDA and OTCO only. No sales data were available for QAI, Stellar or CCOF certified WA farms. Values may not include income from producers who may report all sales as processors.

Table 7. Certified organic dairy producer and livestock numbers, 2006-2015\*.

	----- Number certified -----						
	2006	2008	2010	2012	2013	2014	2015
Organic dairies	23	46	34	34	36	38	39
Milkers and dry cows	2,970	9,022	5,898	6,311	7,095	7,505	8,290
Calves and replacement heifers	2,180	7,022	4,154	4,922	4,302	5,514	5,308
Total	5,150	16,044	10,052	11,233	11,397	13,091	13,598

\*In 2015, 1 goat dairy was certified as organic, with 44 milkers.

## Acknowledgements

Funding for this work has been provided by multiple sources over the years, including the WSDA Organic Food Program, WSU-CSANR and WSU BIOAg Grant, WSDA Specialty Crop Block Grant, and USDA Organic Farming Research Special Grant program. The authors thank many individuals who have cooperated over the years on this project, including B. Book, D. Dowell, L. Eklund, L. White and K. Withey (WSDA), C. Schreiner, C. Kircher, and H. Smith (OTCO), J. Lewin and K. Olin (CCOF), D. Krapp (ICS), and M. DeVincenzo (QAI).

## References

- USDA-ERS. 2013. *Organic Production Data Sets*. Updated September 27 2013.  
<http://www.ers.usda.gov/data-products/organic-production.aspx#.UVsiL1eU8IQ>
- USDA-NASS. 2016. *2015 Certified Organic Survey*.  
<http://usda.mannlib.cornell.edu/usda/current/OrganicProduction/OrganicProduction-09-15-2016.pdf>
- USDA-NASS. 2015. *2014 Organic Production Survey*.  
[http://www.agcensus.usda.gov/Publications/2012/Online\\_Resources/Organics/](http://www.agcensus.usda.gov/Publications/2012/Online_Resources/Organics/)
- USDA-NASS. 2013. *2011 Certified Organic Production Survey*.  
<http://usda01.library.cornell.edu/usda/current/OrganicProduction/OrganicProduction-10-04-2012.pdf>
- USDA-NASS. 2010. *2008 Organic Production Survey*. Updated July 2010.  
[http://www.agcensus.usda.gov/Publications/2007/Online\\_Highlights/Organics/index.php](http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Organics/index.php)