



Certified Organic Acreage and Sales in Washington State: 2006-2014

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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 (2006-2014), and sales (2006-2013). For related graphical presentations go to the on-line powerpoints posted at 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 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) and the 2014 Organic Survey (NASS 2015). The 2008 and 2014 OPS included both certified and exempt producers; data reported here are for certified producers only. The 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 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.

The acreage numbers present a reliable picture of certified organic crop production in the state. However, growers are not required to register transition acreage (as of 2002), and the reported numbers may underestimate the actual total. 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. 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.

Table 1 provides an overview of acreage of the major crop categories from 2006-2014. Forage, tree fruit, and vegetables have been the leading categories (% of total column). Total certified area in the state peaked in 2009 and has gradually declined each year since, while total acreage increased in 2014. Area (absolute 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. Specific 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 small, 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 2014. The percent columns describe what percent of certified farm numbers and acres are within that county (given the caveat above about sites not always being tied to actual county), and are ordered alphabetically first for counties east of the Cascades, and then 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 the change 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 income period; growers 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 income 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. 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.

Preliminary 2014 WSDA sales data, not included in Tables 6a and 6b, were extracted in October 2015 and indicated that WSDA-certified farmgate sales increased 14% over 2013 values. These WSDA data do not include income of at least \$6 million earned during 2014 by producers who did not renew certification in 2015. The preliminary 2014 WSDA-only sales of \$468 million can be compared to the \$515 million reported in the NASS 2014 Organic Production Survey given that WSDA data also do not include most of \$53 million for fresh eggs, some fraction of \$30 million milk value and a substantial value for organic broilers that are certified by QAI. However, the NASS organic survey values appear to also underestimate actual Washington organic farmgate value, most likely explained by a participation rate of 63% by Washington producers.

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 just under 3% of the state dairy herd in 2014. In mid-2015, 6 dairies were pending organic certification; these new dairies could add over 500 milkers. Statewide organic milk production rose 28% from 2011 to 2014, both from increased number of cows and a higher per cow production.

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 2014, and sales through the end of 2013, as reported by producers.

Further detailed organic statistical information compiled by WSU-CSANR is posted online at http://csanr.wsu.edu/pages/Organic_Statistics.

Table 1. Summary of certified organic acreage in Washington, 2006-2014.
 (Combined certifier information; C=Certified organic and T=Transition to organic acres).

Category	----- Acres -----										Diff	% of Total
	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014		
Forage	17,321	26,091	30,031	32,659	27,753	26,823	28,949	29,642	27,779	290	-1,863	31.0
Tree Fruit	10,110	10,959	16,983	21,862	20,662	19,592	18,855	19,139	19,228	924	89	21.5
Vegetables	15,466	20,042	19,836	15,668	13,263	15,191	15,585	16,326	19,945	78	3,737	22.4
Grains, Dry Beans, Oilseeds	5,240	5,276	8,508	13,084	14,540	10,991	9,867	8,530	11,253	55	2,723	12.6
Small Fruit, Grapes, Nuts	2,847	3,014	3,205	3,392	3,707	4,276	4,176	4,214	4,245	369	31	4.7
Herbs	1,012	1,267	1,137	1,190	1,358	1,565	1,585	1,407	1,133	--	-274	1.3
Other Crops	821	730	787	811	986	982	1,437	2,009	1,192	--	-935	1.2
Fallow	3,840	6,918	9,819	15,303	15,769	7,697	6,751	4,111	3,072	10	--	3.4
Other Non-crop Land	442	423	985	1,226	1,027	732	534	511	1,007	--	--	1.1
Undefined Land	7,226	6,752	4,848	3,141	2,868	2,259	1,522	922	674	--	--	0.8
Total acres (inc. double crop)	64,325	81,472	96,139	108,336	101,933	90,108	89,261	86,811	89,528	1,726	2,717	--
Total area	61,540	78,529	92,555	104,962	100,553	89,186	88,072	84,868	84,848	1,676	-20	--
Annual % Change	39%	27%	18%	13%	-4%	-11%	-1%	-3.6%	-.02%	--	--	--
No. of producers	554-26	629-71	689-53	753-10	735-5	729-2	731-3	712-4	700	7	--	--

Total 2014 certified land area is 84,848 including 670 ac undefined land (either not cropped or from multiple small cropped sites not entered into crop data base). Vegetable category includes melons. Certified acre totals include double crop. 2006-2014 crop data include WSDA, OTCO, ICS and CCOF; farm number also includes farms certified by Stellar Certification Services (5) and QAI (1). Crop data not included for 4 farms. 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.

Table 2. Certified organic acres in Washington, by specific crop, 2006-2014.

	----- Acres -----									
Forage	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Hay*	6,513	11,313	16,454	18,532	17,022	18,459	19,235	19,288	18,436	276
Alfalfa	1,655	2,783	4,527	4,628	2,888	2,626	2,504	2,046	2,095	86
Mixed (alfalfa-grass)	892	783	1,626	1,731	1,401	1,286	779	190	225	--
Grass and mixed grass	1,394	2,552	5,133	4,316	5,127	5,358	4,739	4,890	7,549	--
Small Grain	116	285	516	449	386	529	190	110	243	--
Unspecified	2,456	4,911	4,652	7,408	7,220	8,660	11,023	12,052	8,324	--
Corn Silage	157	948	166	1,020	459	490	664	858	767	14
Pasture	10,651	13,831	13,411	13,085	10,271	7,874	9,049	9,308	8,576	--
Forage, NS	--	--	--	22	--	--	--	188	--	--
Total Forage	17,321	26,092	30,031	32,659	27,752	26,823	28,949	29,642	27,779	290

*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. 2006-2014 values include WSDA, ICS, QAI, OTCO, CCOF data. NS= Not specified.

Dry Beans/Pulses	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Pea	--	28	87	167	252	58	189	76	465	--
Lentil	--	--	75	--	--	--	--	--	--	--
White kidney	90	52	--	19	15	24	--	--	4	--
Fava	--	--	1	1	1	1	--	--	6	1
Pinto	15	15	20	170	505	130	588	542	901	--
Black	--	--	--	--	865	13	--	23	59	--
Other & Unspecified	453	377	481	933	1,823	1,320	510	276	99	--
Total Pulse	558	472	664	1,290	3,461	1,546	1,287	917	1,534	1
Grains	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Wheat	2,180	1,860	4,644	7,791	6,526	5,785	5,189	3,929	4,721	9
Wheat, hard red	23	75	96	803	1,686	1,140	959	1,260	798	--
Wheat, soft white	726	384	440	561	447	100	63	273	654	9
Unspecified & Other	1,256	1,157	3,779	5,524	3,210	3,522	3,576	1,630	2,702	--
Einkorn	--	--	--	--	--	--	11	85	119	--
Emmer	--	60	75	156	170	88	99	142	204	--
Spelt	175	184	254	747	1,013	935	481	539	244	--
Corn	1,551	1,970	2,265	2,796	2,672	1,648	1,707	1,531	1,506	--
Triticale	513	341	365	705	1,137	940	629	772	734	--
Rye	51	9	28	131	206	35	4	4	9	--
Barley	169	62	311	231	151	783	788	962	673	--
Oats	47	15	112	74	41	162	70	147	1,665	45
Buckwheat	11	2	2	--	21	3	--	--	--	--
Teff	--	30	0	--	50	--	--	--	--	--
Other & Unspecified	59	--	17	39	145	87	192	160	349	--
Subtotal Grain	4,580	4,289	7,744	11,767	10,949	9,443	8,579	7,505	9,657	54
Unspecified Grains & Dry Beans	--	316	--	19	34	1	--	--	11	--
Oilseeds	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Canola	7	153	87	--	--	--	--	105	--	--
Flaxseed	82	25	1	--	90	1	--	--	--	--
Camelina	5	14	10	8	2	--	1	3	51	--
Sunflower	--	8	2	--	--	--	--	--	--	--
Mustard	8	--	--	--	4	--	--	--	--	--
Total Oilseed	102	200	100	8	96	1	1	108	51	--

Table 2. (cont.)	----- Acres -----									
Vegetables	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Assorted										
Asparagus	47	96	98	84	83	135	159	157	167	20
Peas	4,721	5,225	5,243	3,256	3,636	3,241	3,975	4,259	4,776	--
Pepper	13	22	15	41	32	29	37	44	42	--
Salad Greens	89	69	35	96	83	86	83	109	148	--
<i>Lettuce</i>	--	--	29	42	37	35	42	45	54	--
<i>Spinach</i>	--	--	1	10	15	15	10	25	55	--
<i>Other, Mixed</i>	--	--	5	44	31	36	31	39	39	--
Sweet corn	5,916	8,230	7,689	5,528	4,462	6,091	5,178	4,768	7,330	--
Tomato	47	40	50	38	39	36	50	31	37	--
Eggplant	6	7	3	6	6	12	16	9	8	--
Rhubarb	--	12	12	9	9	14	32	32	36	1
Mixed & Other	1,035	1,606	1,186	1,084	1,104	1,251	1,851	1,546	1,096	7
Allium										
Garlic	19	27	35	35	17	50	34	48	39	--
Leek	4	95	124	103	135	172	163	148	146	--
Onion	366	604	1,051	653	408	499	480	664	783	--
Other or NS	--	--	9	13	16	9	13	18	14	--
Beans										
Green, Snap	1,088	1,139	1,432	2,107	1,169	1,602	1,247	1,505	1,788	45
Black, Shell	--	--	30	--	--	--	--	--	--	--
Fava, Shell	3	7	2	--	1	1	4	--	9	--
Lima, Shell	50	180	183	183	215	48	62	268	240	--
Edamame, Shell	--	--	--	--	--	5	--	--	--	--
Brassicas										
Broccoli	25	35	58	32	21	20	10	36	32	--
Brussels Sprout	--	--	--	--	--	--	4	3	1	--
Cabbage	22	23	33	29	35	30	23	16	23	--
Cauliflower	7	8	6	8	8	4	7	8	5.5	--
Chard	--	--	--	--	--	--	10	6	8	--
Kale	--	9	3	15	14	12	11	14	20	--
Other & Unspecified	3	3	4	9	17	6	2	46	17	--
Cucurbits										
Cucumbers	114	29	80	79	85	69	65	61	69	--
Watermelon	23	67	45	34	120	39	52	9	56	--
Melons, Other & NS	41	43	32	53	35	36	37	41	40	--
Squash, Mixed	104	147	109	170	152	261	312	373	340	5
Pumpkins	50	29	68	37	60	77	22	34	31	--
Roots and Tubers										
Beets	17	18	21	38	46	29	103	100	216	--
Carrot	300	399	552	217	215	273	280	240	522	--
Parsnip	4	2	3	2	3	1	4	9	7	--
Potato	1,347	1,866	1,600	1,697	1,032	1,044	1,253	1,717	1,895	--
Seed Potato	--	--	24	4	--	2	2	2	--	--
Radish	3	4	--	4	4	4	2	3	1	--
Turnip	2	2	1	4	2	3	1	1	2	--
Other & Unspecified	--	--	--	--	--	--	1	1	--	--
Total Vegetables	15,466	20,043	19,836	15,668	12,095	15,191	15,585	16,326	19,945	78

Table 2.(cont.)	----- Acres -----									
Tree Fruit	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Apple										
Gala	1,543	1,672	2,710	3,458	3,201	3,332	3,207	3,264	3,333	353
Red Delicious	914	1,018	1,459	1,630	1,461	1,380	1,337	1,375	1,344	17
Fuji	1,201	1,299	2,280	3,045	3,366	3,472	3,449	3,354	3,235	130
Golden Types	799	866	1,225	1,557	1,058	988	896	896	944	8
Granny Smith	969	1,006	1,268	1,700	1,470	1,364	1,274	1,258	1,223	95
Braeburn	579	599	956	1,083	884	551	479	443	315	2
Cripps Pink	638	596	1,047	1,081	1,016	952	828	841	897	7
Cameo®	210	219	436	436	458	552	399	319	322	--
Honeycrisp	298	339	756	879	1,099	1,087	1,158	1,587	1,727	150
Other & Unspecified	491	404	799	866	777	618	630	693	712	21
Subtotal	7,642	8,018	12,936	15,735	14,790	14,296	13,657	14,030	14,052	783
Pear										
D'Anjou	393	401	519	616	636	614	618	564	586	30
Bartlett	402	480	591	656	692	629	627	631	596	14
Bosc	214	218	223	276	301	282	322	310	315	21
Asian	46	41	43	44	43	33	34	29	18	--
Red D'Anjou	56	60	67	83	95	94	93	79	100	9
Concorde	31	44	60	43	31	31	34	34	38	6
Red Bartlett	38	39	52	88	69	55	40	39	41	--
Other & Unspecified	71	135	158	158	166	179	132	134	149	4
Subtotal	1,251	1,418	1,713	1,964	2,033	1,917	1,900	1,820	1,843	84
Stone										
Apricot	93	96	107	265	299	296	266	285	299	--
Cherry	782	1,026	1,738	2,437	2,147	1,827	1,792	1,850	1,939	57
Nectarine	68	82	114	472	550	528	488	464	440	--
Peach	183	193	199	644	701	619	618	594	580	--
Plum/Prune/Pluot	57	61	97	130	125	92	89	64	58	--
Other & Unspecified	34	64	79	151	13	17	45	22	17	--
Subtotal	1,217	1,522	2,334	4,099	3,835	3,379	3,298	3,279	3,333	57
Mixed Tree Fruit	--	--	--	64	4	--	--	10	--	--

Small Fruit	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Berries										
Blackberry	22	43	69	71	105	137	102	73	73	2
Blueberry	296	353	481	599	903	1,258	1,379	1,447	1,540	213
Cranberry	--	--	--	--	--	--	--	10	10	--
Raspberry	250	208	166	143	161	180	178	106	61	22
Strawberry	15	22	21	38	35	44	87	69	96	17
Other & Unspecified	10	17	20	22	14	30	34	30	25	1
Subtotal	593	643	757	873	1,218	1,649	1,780	1,735	1,805	255

	----- Acres -----									
Grapes	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Juice	1,568	1,676	1,476	1,475	1,581	1,516	1,520	1,521	1,432	114
<i>Concord</i>	--	--	--	--	--	1,467	1,467	1,468	1,379	99
<i>Niagara</i>	--	--	--	--	--	49	53	53	53	15
Wine	583	582	881	969	868	1,066	838	916	978	--
<i>Cabernet Sauvignon</i>	--	--	--	--	--	166	159	179	326	--
<i>Merlot</i>	--	--	--	--	--	170	70	70	99	--
<i>Syrah</i>	--	--	--	--	--	65	55	107	122	--
<i>Red, Other</i>	--	--	--	--	--	51	52	46	37	--
<i>Riesling</i>	--	--	--	--	--	358	229	257	134	--
<i>Chardonnay</i>	--	--	--	--	--	174	174	165	165	--
<i>Gewurztraminer</i>	--	--	--	--	--	18	18	18	18	--
<i>White, Other</i>	--	--	--	--	--	59	48	46	51	--
<i>Wine, Unspecified</i>	--	--	--	--	--	5	33	28	26	--
Table & Unspecified	56	65	35	18	14	13	7	10	6	--
Subtotal	2,207	2,323	2,392	2,462	2,463	2,599	2,365	2,447	2,416	114
Other Fruit										
Kiwi	3	--	3	2	7	2	2	2	2	--

Nuts	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Almonds	--	1	6	5	5	9	12	12	4	--
Chestnuts	2	2	2	2	3	3	3	3	3	--
Filberts/Hazelnuts	36	37	37	39	2	4	4	4	4	--
Walnuts	4	4	5	6	6	6	7	8	8	--
Other & Unspecified	3	5	3	3	3	4	3	3	3	--
Subtotal	45	48	53	55	19	26	29	30	22	--
Tree Fruit	10,110	10,959	16,983	21,862	20,662	19,592	18,855	19,139	19,228	924
Small Fruit & Nuts	2,848	3,014	3,205	3,392	3,707	4,276	4,176	4,214	4,245	369
Total Fruit and Nuts	12,957	13,970	20,188	25,254	24,369	23,868	23,031	23,353	23,473	1,293

Herbs	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Medicinal	530	518	545	568	487	626	718	547	586	--
Mint	254	308	199	182	193	258	240	214	250	--
Culinary	102	212	120	128	165	194	95	138	213	--
Other or Unspecified	93	187	227	275	474	453	492	474	48	--
Lavender	33	42	46	37	39	34	40	34	36	--
Total Herbs	1,012	1,267	1,137	1,190	1,358	1,565	1,585	1,407	1,133	--

	----- Acres -----									
Other Crops	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Flowers, cut or edible	6	6	16	17	16	9	9	10	9	--
Cover crop	165	148	171	218	361	157	369	577	303	--
Hops	7	32	54	65	66	58	156	203	190	--
Mushrooms	6	6	6	1	<1	<1	<1	1	1	--
Seed Crops	127	116	119	88	139	353	391	463	266	--
<i>Mixed/Other Vegetable</i>	127	116	30	46	20	5	23	23	25	--
<i>Beets</i>	--	--	17	20	50	25	62	40	35	--
<i>Carrot</i>	--	--	61	--	60	158	138	120	64	--
<i>Onion</i>	--	--	--	--	--	3	1	--	118	--
<i>Spinach</i>	--	--	11	22	1	--	--	10	21	--
<i>Grass</i>	--	--	--	--	--	158	148	144	--	--
<i>Other Seed</i>	--	--	--	--	8	4	19	126	3	--
GH/Nursery	--	--	4	3	6	15.4	12	15	16	--
Mixed Hort	150	--	57	12	10	14	16	5	50	--
Wildcraft	360	367	360	362	375	375	403	360	282	--
Other & Unspecified	--	56	--	45	12	--	80	375	75	--
Total Other Crops	821	731	787	811	986	982	1,437	2,009	1,192	--

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

Other Land	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	T2014
Fallow/Summer Fallow	3,830	6,918	9,819	15,303	14,256	7,697	6,751	4,111	3,072	10
CRP, CREP land	10	--	--	--	1,512	--	--	--	200	--
Timber/Woods	432	423	925	931	864	524	478	510	737	--
Other & Unspecified	10	--	60	295	164	208	56	1	70	--
Undefined land	7,226	6,752	4,848	3,141	2,868	2,259	1,522	922	674	--
Total Other Land	11,508	14,093	15,652	19,670	19,664	10,688	8,807	5,544	4,753	10

Table 3. Number of certified organic farms and area in Washington, by county, 2014.
(Combined certifiers; C = Certified organic and T= Transition to organic)

County	No. producers 2014		----- Acres -----		----- Percent -----	
	C	T Only	C	T	C Farms	C Area
Adams	10	--	2,688	20	1.4%	3.2%
Asotin	--	--	--	--	--	--
Benton	27	--	6,385	150	3.9%	7.5%
Chelan	42	1	1,687	69	6.0%	2.0%
Columbia	--	--	--	--	--	--
Douglas	29	--	2,238	124	4.1%	2.6%
Ferry	1	--	2	--	0.1%	0.0%
Franklin	29	--	3,240	104	4.1%	3.8%
Garfield	--	--	--	--	--	--
Grant	85	4	21,677	618	12.1%	25.5%
Kittitas	3	--	1,013	--	0.4%	1.2%
Klickitat	17	--	2,524	--	2.4%	3.0%
Lincoln	3	--	1,652	--	0.4%	1.9%
Okanogan	63	--	3,823	140	9.0%	4.5%
Pend Oreille	--	--	--	--	--	--
Spokane	8	--	921	--	1.1%	1.1%
Stevens	22	--	2,569	--	3.1%	3.0%
Walla Walla	13	--	2,243	--	1.9%	2.6%
Whitman	3	--	46	--	0.4%	0.1%
Yakima	92	--	4,922	129	13.1%	5.8%
East of Cascades	447	5	57,630	1,354	64%	68%
Clallam	12	--	779	5	1.7%	0.9%
Clark	15	--	441	--	2.1%	0.5%
Cowlitz	1	--	30	--	0.1%	0.04%
Grays Harbor	5	--	673	--	0.7%	0.8%
Island	9	--	284	--	1.3%	0.3%
Jefferson	10	--	876	--	1.4%	1.0%
King	22	--	3,062	1	3.1%	3.6%
Kitsap	7	--	118	--	1.0%	0.1%
Lewis	25	--	4,213	--	3.6%	5.0%
Mason	2	--	40	--	0.3%	0.05%
Pacific	1	--	10	--	0.1%	0.01%
Pierce	16	--	1,726	--	2.3%	2.0%
San Juan	6	1	142	10	0.9%	0.2%
Skagit	40	1	6,135	227	5.7%	7.2%
Skamania	2	--	94	--	0.3%	0.1%
Snohomish	23	--	1,243	34	3.3%	1.5%
Thurston	22	--	1,990	--	3.1%	2.3%
Wahkiakum	3	--	768	--	0.4%	0.9%
Whatcom	32	--	4,594	45	4.6%	5.4%
West of Cascades	253	2	27,218	322	36%	32%
State Total	700	7	84,848	1,676	100%	100%

Values were based on land area and did not include 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: 2006-2014.
(Combined certifiers; C = Certified organic)

County	----- Number of Producers -----								
	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014
Adams	5	6	7	10	10	9	9	12	10
Asotin	2	1	1	1	1	1	1	1	--
Benton	24	26	27	28	30	27	26	25	27
Chelan	46	50	49	51	50	51	44	40	42
Columbia	--	--	--	--	--	--	--	--	--
Douglas	24	27	27	29	28	28	28	28	29
Ferry	--	--	--	--	--	1	1	2	1
Franklin	12	13	22	31	32	31	31	29	29
Garfield	1	1	1	1	--	--	--	--	--
Grant	40	49	64	88	91	87	87	83	85
Kittitas	3	5	4	4	3	5	6	4	3
Klickitat	16	13	13	17	18	19	21	17	17
Lincoln	3	3	4	6	5	4	4	3	3
Okanogan	50	56	60	61	58	57	61	67	63
Pend'Oreille	--	--	--	--	--	--	--	--	--
Spokane	4	4	4	5	5	10	12	10	8
Stevens	21	25	23	23	21	21	21	22	22
Walla Walla	10	13	13	9	9	12	13	13	13
Whitman	4	6	7	8	7	6	5	4	3
Yakima	80	90	108	109	103	94	94	91	92
East of Cascades	345	388	434	481	471	463	464	451	447
Clallam	9	10	11	11	11	12	13	13	12
Clark	11	13	14	15	15	14	15	15	15
Cowlitz	1	1	1	2	2	2	2	1	1
Grays Harbor	7	8	6	6	6	7	7	6	5
Island	6	5	7	7	9	11	9	8	9
Jefferson	9	8	11	12	13	13	11	10	10
King	21	21	24	26	24	22	26	23	22
Kitsap	5	5	6	7	7	7	7	7	7
Lewis	18	24	26	25	25	25	26	26	25
Mason	4	3	1	2	2	3	3	3	2
Pacific	3	4	4	4	1	1	1	1	1
Pierce	7	10	8	9	10	11	13	15	16
San Juan	7	9	10	11	11	10	11	8	6
Skagit	34	38	41	43	44	44	43	43	40
Skamania	3	2	2	5	2	2	2	3	2
Snohomish	13	20	19	21	21	21	17	20	23
Thurston	19	23	25	23	24	25	25	23	22
Wahkiakum	2	3	3	3	3	2	3	3	3
Whatcom	30	34	36	40	34	34	33	33	32
West of Cascades	209	241	255	272	264	266	267	261	253
State Total	554	629	689	753	735	729	731	712	700

2006- 2011 values include producers certified by WSDA, OTCO, ICS, QAI, CCOF; 2012-2014 also include number of farms certified by Stellar.

Table 5. Certified organic area in Washington, by county: 2006-2014.
(Combined certifiers; C = Certified organic)

County	----- Acres -----									
	C2006	C2007	C2008	C2009	C2010	C2011	C2012	C2013	C2014	±13-14
Adams	1,468	1,766	3,145	4,217	5,914	2,506	2,483	3,258	2,688	-570
Asotin	802	800	800	800	800	800	800	800	--	--
Benton	5,955	11,336	13,121	13,033	9,202	8,699	7,805	5,975	6,385	410
Chelan	1,353	1,426	1,992	2,504	2,012	2,207	1,763	1,639	1,687	48
Columbia	--	--	--	--	--	--	--	--	--	--
Douglas	4,645	4,990	5,002	5,688	4,202	2,200	2,368	2,289	2,238	-51
Ferry	--	--	--	--	--	4	4	5	2	-3
Franklin	1,466	1,229	3,030	3,749	3,573	3,320	3,247	3,045	3,240	195
Garfield	328	328	328	328	--	--	--	--	--	--
Grant	12,399	15,565	18,519	20,859	23,796	23,360	21,996	19,509	21,677	2,168
Kittitas	114	267	124	124	133	219	199	1,012	1,013	1
Klickitat	2,751	2,190	2,390	3,032	3,359	4,071	3,419	3,052	2,524	-528
Lincoln	1,029	1,029	1,079	7,876	7,748	1,961	2,433	1,588	1,652	64
Okanogan	2,555	2,825	4,396	4,000	4,055	3,926	3,710	3,827	3,823	-4
Pend Oreille	--	--	--	--	--	--	--	--	--	--
Spokane	101	101	95	95	87	85	975	932	921	-11
Stevens	2,293	2,237	2,252	2,225	2,176	2,117	2,103	2,559	2,569	10
Walla Walla	1,864	2,032	1,295	1,649	1,793	2,328	2,240	2,278	2,243	-35
Whitman	644	155	153	165	75	64	64	59	46	-13
Yakima	4,915	6,148	8,277	8,012	6,263	5,419	5,663	5,093	4,922	-171
East of Cascades	44,682	54,425	65,999	78,356	75,188	63,286	61,272	56,920	57,630	710
Clallam	334	341	420	420	458	455	448	448	779	331
Clark	350	407	503	455	651	771	498	560	441	-119
Cowlitz	20	20	20	20	20	20	20	1	30	29
Grays Harbor	1,338	1,736	1,300	1,263	1,417	1,316	1,465	1,390	673	-717
Island	185	151	279	275	288	291	294	258	284	26
Jefferson	938	889	939	961	824	810	756	819	876	57
King	883	1,270	3,040	3,117	2,940	2,959	3,321	3,306	3,062	-244
Kitsap	108	108	109	113	111	111	127	127	118	-9
Lewis	2,639	4,159	4,777	4,357	4,585	4,271	4,233	4,362	4,213	-149
Mason	37	26	17	21	21	22	44	44	40	-4
Pacific	220	500	500	500	10	10	10	10	10	--
Pierce	309	746	885	899	1,111	1,148	1,539	1,738	1,726	-12
San Juan	182	244	253	421	396	371	304	192	142	-50
Skagit	3,175	4,476	4,825	5,820	5,579	5,627	6,015	6,107	6,135	28
Skamania	89	85	59	121	79	80	68	98	94	-4
Snohomish	841	2,546	2,122	1,417	755	1,235	1,102	1,156	1,243	87
Thurston	2,130	2,959	2,818	2,367	2,451	2,694	2,553	2,658	1,990	-668
Wahkiakum	590	605	651	738	737	671	745	745	768	23
Whatcom	2,491	2,839	3,042	3,321	2,932	3,038	3,258	3,929	4,594	665
West of Cascades	16,859	24,105	26,556	26,606	25,365	25,900	26,800	27,948	27,218	-730
State Total	61,541	78,530	92,555	104,962	100,553	89,186	88,072	84,868	84,848	-20

Values were based on land area and did not include identified double crop acres. 2006 acres include data from WSDA, OTCO, ICS, and QAI. CCOF data were added beginning 2006 and partial Stellar acreage included beginning in 2012.

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 -----									
		2006	2007	2008	2009	2010	2011	2012	2013	% Sales	%± 12-13
E	Adams	2,511,941	4,687,021	6,803,978	4,712,747	4,450,809	6,075,215	13,039,630	13,313,041	3	2
E	Asotin	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	--	--	--
E	Asotin, Garfield, Whitman	274,599	112,738	128,615	76,305	105,704	113,635	103,061	--	--	--
E	Benton	10,539,118	27,955,038	39,532,259	21,900,016	22,011,629	25,818,613	36,513,778	44,566,971	10	22
E	Chelan, Douglas	19,895,315	30,533,836	32,604,025	23,932,300	24,111,199	27,518,678	31,818,755	41,293,785	10	30
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>	--	--
E	Franklin	7,413,571	7,714,118	8,152,407	10,812,398	13,188,205	18,033,263	23,394,676	24,047,190	6	3
E	Garfield	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	--	--	--	--	--	--	--
E	Grant	32,242,417	44,885,049	51,920,630	52,924,663	64,005,943	87,771,761	106,772,592	144,063,298	33	35
E	Kittitas	126,675	64,109	40,408	41,584	169,558	83,265	95,997	172,101	0.1	79
E	Klickitat	4,777,009	5,130,358	6,271,043	5,792,017	6,645,054	8,411,142	6,475,147	5,876,317	1	-9
E	Lincoln	<i>Spokane group</i>	<i>Spokane group</i>	84,926	297,440	367,120	446,299	175,301	253,142	0.6	44
E	Okanogan	8,683,457	8,975,464	12,716,501	12,078,319	10,664,717	14,209,137	17,897,348	23,323,109	5	30
E	Pend Oreille	--	--	--	--	--	--	--	--	--	--
E	Spokane	<i>Spokane group</i>	<i>Spokane group</i>	35,288	72,306	126,430	157,213	176,592	162,360	0.1	-8
E	Spokane, Stevens, Lincoln	641,344	872,514	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	--	--
E	Stevens	<i>Spokane group</i>	<i>Spokane group</i>	750,085	390,822	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	<i>Stevens-Ferry</i>	--	--
E	Stevens, Ferry	<i>Spokane group</i>	<i>Spokane group</i>	<i>Stevens</i>	<i>Stevens</i>	499,898	504,538	647,117	745,248	0.2	15
E	Walla Walla	5,859,667	11,468,518	14,604,314	10,483,575	20,011,407	22,049,205	27,734,332	35,317,450	8	27
E	Whitman	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	<i>Asotin group</i>	108,186	0.02	--
E	Yakima	16,208,926	28,741,569	24,507,400	21,119,600	19,051,245	23,433,582	31,226,646	40,936,693	9	31

	2006	2007	2008	2009	2010	2011	2012	2013	%	%±
East of Cascades	109,174,039	171,140,332	198,151,879	164,634,092	185,408,918	234,625,546	296,070,971	374,178,890	86	26
West of Cascades	35,138,707	42,090,943	48,552,268	46,070,879	52,305,399	49,827,602	59,469,172	61,327,505	14	3
State Total	144,312,746	213,231,275	246,704,147	210,704,971	237,714,317	284,453,148	355,540,144	435,506,395	100	22

*Sales data lag acreage data by 1 year; previous year sales are reported on current year producer certification applications. Percent of sales is based on most recent year. Percent change is based on 2012-2013. All years include sales data from WSDA and OTCO only. No sales data were available for QAI, Stellar or CCOF certified WA farms. Values were not available for a few OTCO-certified farms in 2007-2009, thus sales were possibly underestimated for King, Klickitat, Lewis, Lincoln, Pierce and Skagit Cos. 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 -----									
		2006	2007	2008	2009	2010	2011	2012	2013	% Sales	%± 12-13
W	Clallam	696,982	901,503	824,415	1,233,943	1,299,608	1,560,370	1,314,326	1,337,777	0.3	2
W	Clark	<i>Clark group</i>	<i>Clark group</i>	<i>Clark group</i>	1,632,818	1,541,910	1,831,544	1,504,563	1,231,430	0.3	-18
W	Clark, Cowlitz, Skamania	1,136,486	1,401,959	1,614,752	<i>See Clark or Cow-Skam.</i>	<i>See Clark or Cow-Skam.</i>	<i>See Clark or Cow-Skam.</i>	<i>See Clark or Cow-Skam.</i>	<i>See Clark or Cow-Skam.</i>	--	--
W	Cowlitz	<i>Clark group</i>	<i>Clark group</i>	<i>Clark group</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>	<i>Clark group</i>	<i>Clark group</i>	260,186	502,576	226,226	323,369	506,805	0.1	-57
W	Grays Harbor	<i>Mason group</i>	1,324,944	<i>Mason group</i>	1,806,137	1,402,045	1,327,370	1,404,448	<i>Mason-Grays</i>	--	--
W	Island	51,232	138,318	66,136	112,993	247,466	189,900	236,847	167,446	0.04	-29
W	Jefferson	104,232	552,919	841,383	1,125,011	1,163,653	1,370,432	1,530,297	1,714,805	0.04	12
W	King	7,100,129	6,793,471	5,873,710	5,412,335	7,631,333	8,871,133	6,970,329	6,392,332	1	-8
W	Kitsap	216,749	250,266	263,421	262,028	332,138	362,990	365,997	503,220	0.12	37
W	Lewis	1,524,473	4,351,611	5,532,312	5,613,327	5,787,645	6,082,515	6,781,391	7,259,315	2	7
W	Mason	<i>Mason-Grays</i>	<i>Thurs-Mason</i>	<i>Mason-Grays</i>	--	3,323,234	3,930,876	5,143,980	<i>Mason-Grays</i>	--	--
W	Mason, Grays H.	2,864,945	<i>Thurs-Mason</i>	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	2	--
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	829,904	996,155	1,690,631	1,912,661	1,502,865	1,983,393	2,307,708	2,303,301	0.5	-0.2
W	San Juan	211,098	165,750	209,305	111,021	90,628	141,693	64,084	68,177	0.02	6
W	Skagit	9,078,065	10,096,494	13,339,494	12,011,836	13,177,534	11,520,913	14,238,853	16,080,706	4	13
W	Skamania	<i>Clark group</i>	<i>Clark group</i>	<i>Clark group</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	<i>Cowl-Skam</i>	--	--
W	Snohomish	1,931,695	1,471,090	2,045,592	2,227,662	2,051,332	2,274,943	3,102,352	3,114,504	0.7	0.4
W	Thurston	4,947,077	<i>Thurs-Mason</i>	6,533,326	6,353,482	6,281,221	2,334,335	7,288,107	3,341,268	0.7	-54
W	Thurston, Mason	<i>See each Co.</i>	7,905,655	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	<i>See each Co.</i>	--	--
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	616,761	851,769	773,070	706,945	752,067	771,701	844,476	929,386	0.2	10
W	Whatcom	3,828,879	4,889,039	4,938,860	5,288,494	5,218,145	5,047,268	6,048,047	7,516,742	2	24

	2006	2007	2008	2009	2010	2011	2012	2013	%	%±
East of Cascades	109,174,039	171,140,332	198,151,879	164,634,092	185,408,918	234,625,546	296,070,971	374,178,890	86	26
West of Cascades	35,138,707	42,090,943	48,552,268	46,070,879	52,305,399	49,827,602	59,469,172	61,327,505	14	3
State Total	144,312,746	213,231,275	246,704,147	210,704,971	237,714,317	284,453,148	355,540,144	435,506,395	100	22

Table 7. Number of Washington organic dairies and estimated organic dairy cows*.

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

*In 2014, 1 goat dairy was certified as organic, with 44 milkers.

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