



Mushrooms

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All Mushroom Sales Exceed \$1 Billion in Value for Third Consecutive Season

Sales of the 2012-2013 United States mushroom crop totaled 896 million pounds, down slightly from last season. Value of sales for the 2012-2013 United States mushroom crop is \$1.11 billion, up 1 percent from the previous season. The number of growers, at 298, is up 17 from last season. The average price is \$1.24 per pound, up 2 cents from a year ago.

Agaricus and Specialty Mushroom Number of Growers, Sales, Price, and Value – United States: 2010-2011, 2011-2012, and 2012-2013

Year	Growers ¹ (number)	All sales		
		Volume of sales (1,000 pounds)	Price per pound ² (dollars)	Value of sales (1,000 dollars)
2010-2011	288	863,762	1.180	1,017,884
2011-2012	281	899,970	1.220	1,099,400
2012-2013	298	895,514	1.240	1,110,285

¹ Number of growers counted once if growing both Agaricus and specialty mushrooms.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

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Contents

Agaricus Mushroom Area, Sales, Price, and Value – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013	4
Agaricus Mushroom Sales, Price, and Value by Utilization – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013	5
Agaricus Mushroom Number of Growers, Sales, Price, and Value – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013	6
Agaricus Mushroom Yield and Dollar Volume per Square Foot of Growing Area – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013	7
Brown Mushrooms (Portabello and Crimini) Number of Growers, Sales, and Value – Regions and United States: 2010-2011, 2011-2012, and 2012-2013	7
Agaricus Mushroom Sales and Percent of Total – United States: 2003-2013	8
Agaricus Mushroom Volume of Sales – United States Chart.....	8
Agaricus Mushroom Price and Value by Utilization – United States: 2003-2013	9
Agaricus Mushroom Value of Sales – United States Chart	9
Agaricus Mushroom Number of Growers, Area in Production, Yield, and Dollar Volume per Square Foot – United States: 2003-2013.....	10
Agaricus Mushroom Number of Growers – United States Chart	10
Agaricus Mushroom Growing Area Intended for Production by Utilization – States, Regions, and United States: July 2013-June 2014	11
Agaricus Mushroom Number of Growers by Sales Category – United States: 2011-2012 and 2012-2013.....	11
Specialty Mushroom Number of Growers, Total Production, Volume of Sales, Price, and Value of Sales by Variety – United States: 2010-2011, 2011-2012, and 2012-2013.....	12
Specialty Mushroom Area in Production by Variety – United States: 2010-2011, 2011-2012, and 2012-2013.....	13
Mushroom Comments.....	14
Statistical Methodology	15
Information Contacts	15

Agaricus Mushroom Area, Sales, Price, and Value – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013

State, region ¹ , and year	Area in production		Volume of sales	Price per pound ²	Value of sales
	Growing area	Total fillings			
	(1,000 square feet)	(1,000 square feet)	(1,000 pounds)	(dollars)	(1,000 dollars)
California					
2010-2011	3,389	19,842	117,879	1.660	195,908
2011-2012	3,438	20,499	121,354	1.710	208,118
2012-2013	3,626	22,431	118,098	1.750	206,708
Pennsylvania					
2010-2011	16,687	81,855	548,233	0.885	485,309
2011-2012	16,267	81,576	547,966	0.907	497,188
2012-2013	16,345	78,949	546,919	0.934	510,910
Washington					
2010-2011	310	1,146	12,430	1.650	20,530
2011-2012	310	1,146	11,895	1.620	19,255
2012-2013	310	1,146	11,985	1.630	19,519
Other States ³					
2010-2011	6,883	31,423	167,409	1.570	262,445
2011-2012	7,459	36,110	200,642	1.570	314,598
2012-2013	8,024	38,218	200,095	1.540	308,428
East					
2010-2011	18,209	92,712	612,156	0.941	576,292
2011-2012	19,174	98,812	645,291	0.995	641,875
2012-2013	19,586	96,280	642,013	0.992	637,103
Central					
2010-2011	3,180	15,787	82,760	1.720	141,979
2011-2012	3,451	14,815	84,998	1.730	147,126
2012-2013	3,682	17,504	92,584	1.770	163,882
West					
2010-2011	5,880	25,767	151,035	1.630	245,921
2011-2012	4,849	25,704	151,568	1.650	250,158
2012-2013	5,037	26,960	142,500	1.720	244,580
United States					
2010-2011	27,269	134,266	845,951	1.140	964,192
2011-2012	27,474	139,331	881,857	1.180	1,039,159
2012-2013	28,305	140,744	877,097	1.190	1,045,565

¹ Regions - East: Delaware, Florida, Maryland, New York, Pennsylvania, and Tennessee. Central: Illinois, Missouri, Oklahoma, Texas, and Wisconsin. West: California, Colorado, Hawaii, Montana, Oregon, Utah, and Washington.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

³ For 2010-2011, Other States include Colorado, Delaware, Florida, Hawaii, Illinois, Maryland, Missouri, Montana, New York, Oklahoma, Oregon, Tennessee, Texas, Utah, and Wisconsin. For 2011-2012, Other States include Colorado, Delaware, Florida, Hawaii, Illinois, Maryland, Montana, New York, Oklahoma, Oregon, Tennessee, Texas, Utah, and Wisconsin. For 2012-2013, Other States include Colorado, Delaware, Florida, Hawaii, Illinois, Maryland, Missouri, Montana, New York, Oklahoma, Oregon, Tennessee, Texas, Utah, and Wisconsin.

Agaricus Mushroom Sales, Price, and Value by Utilization – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013

Year, State and region ¹	Fresh market			Processing		
	Volume of sales	Price per pound ²	Value of sales	Volume of sales	Price per pound ²	Value of sales
	(1,000 pounds)	(dollars)	(1,000 dollars)	(1,000 pounds)	(dollars)	(1,000 dollars)
2010-2011						
Pennsylvania	442,121	0.964	426,205	106,112	0.557	59,104
Other East	57,042	1.520	86,860	6,881	0.599	4,123
East total	499,163	1.030	513,065	112,993	0.560	63,227
Central total	73,218	1.820	132,974	9,542	0.944	9,005
California	113,865	1.690	192,432	4,014	0.866	3,476
Washington	12,055	1.680	20,252	375	0.740	278
Other West	20,200	1.440	29,116	526	0.698	367
West total	146,120	1.650	241,800	4,915	0.838	4,121
United States	718,501	1.240	887,839	127,450	0.599	76,353
2011-2012						
Pennsylvania	455,688	0.972	442,929	92,278	0.588	54,259
Other East	88,531	1.560	138,404	8,794	0.714	6,283
East total	544,219	1.070	581,333	101,072	0.599	60,542
Central total	78,024	1.800	140,153	6,974	1.000	6,973
California	119,445	1.730	206,640	1,909	0.774	1,478
Washington	11,711	1.630	19,089	184	0.900	166
Other West	18,028	1.260	22,632	291	0.526	153
West total	149,184	1.660	248,361	2,384	0.754	1,797
United States	771,427	1.260	969,847	110,430	0.628	69,312
2012-2013						
Pennsylvania	452,655	1.000	452,655	94,264	0.618	58,255
Other East	86,232	1.420	122,163	8,862	0.455	4,030
East total	538,887	1.070	574,818	103,126	0.604	62,285
Central total	86,893	1.820	158,431	5,691	0.958	5,451
California	116,659	1.763	205,670	1,439	0.721	1,038
Washington	11,800	1.640	19,352	185	0.900	167
Other West	12,209	1.490	18,224	208	0.620	129
West total	140,668	1.730	243,246	1,832	0.728	1,334
United States	766,448	1.270	976,495	110,649	0.624	69,070

¹ Regions - East: Delaware, Florida, Maryland, New York, Pennsylvania, and Tennessee. Central: Illinois, Missouri, Oklahoma, Texas, and Wisconsin. West: California, Colorado, Hawaii, Montana, Oregon, Utah, and Washington.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

Agaricus Mushroom Number of Growers, Sales, Price, and Value – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013

Year, State, and region ¹	Growers	All sales		
		Volume of sales	Price per pound ²	Value of sales
	(number)	(1,000 pounds)	(dollars)	(1,000 dollars)
2010-2011				
Pennsylvania	68	548,233	0.885	485,309
Other East	9	63,923	1.420	90,983
East total	77	612,156	0.941	576,292
Central total	10	82,760	1.720	141,979
California	15	117,879	1.660	195,908
Washington	(³)	12,430	1.650	20,530
Other West	7	20,726	1.420	29,483
West total	22	151,035	1.630	245,921
United States	109	845,951	1.140	964,192
2011-2012				
Pennsylvania	67	547,966	0.907	497,188
Other East	9	97,325	1.490	144,687
East total	76	645,291	0.995	641,875
Central total	7	84,998	1.730	147,126
California	15	121,354	1.710	208,118
Washington	(³)	11,895	1.620	19,255
Other West	7	18,319	1.240	22,785
West total	22	151,568	1.650	250,158
United States	105	881,857	1.180	1,039,159
2012-2013				
Pennsylvania	63	546,919	0.934	510,910
Other East	10	95,094	1.330	126,193
East total	73	642,013	0.992	637,103
Central total	10	92,584	1.770	163,882
California	15	118,098	1.750	206,708
Washington	(³)	11,985	1.630	19,519
Other West	7	12,417	1.480	18,353
West total	22	142,500	1.720	244,580
United States	105	877,097	1.190	1,045,565

¹ Regions - East: Delaware, Florida, Maryland, New York, Pennsylvania, and Tennessee. Central: Illinois, Missouri, Oklahoma, Texas, and Wisconsin. West: California, Colorado, Hawaii, Montana, Oregon, Utah, and Washington.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

³ Data included in Other West to avoid disclosing data for individual operations.

Agaricus Mushroom Yield and Dollar Volume per Square Foot of Growing Area – States, Regions, and United States: 2010-2011, 2011-2012, and 2012-2013

State and region ¹	Yield per square foot		
	2010-2011 (pounds)	2011-2012 (pounds)	2012-2013 (pounds)
Pennsylvania	6.70	6.72	6.93
East	6.60	6.53	6.67
Central	5.24	5.74	5.29
California	5.94	5.92	5.26
Washington	10.85	10.38	10.46
West	5.86	5.90	5.29
United States	6.30	6.33	6.23
	Dollar volume per square foot		
	(dollars)	(dollars)	(dollars)
Pennsylvania	5.93	6.09	6.47
East	6.22	6.50	6.62
Central	8.99	9.93	9.36
California	9.87	10.15	9.22
Washington	17.91	16.80	17.03
West	9.54	9.73	9.07
United States	7.18	7.46	7.43

¹ Regions - East: Delaware, Florida, Maryland, New York, Pennsylvania, and Tennessee. Central: Illinois, Missouri, Oklahoma, Texas, and Wisconsin. West: California, Colorado, Hawaii, Montana, Oregon, Utah, and Washington.

Brown Mushrooms (Portabello and Crimini) Number of Growers, Sales, and Value – Regions and United States: 2010-2011, 2011-2012, and 2012-2013

[Brown mushrooms are part of Agaricus mushrooms]

Region ¹ and year	Growers	Volume of sales	Value	Region ¹ and year	Growers	Volume of sales	Value
	(number)	(1,000 pounds)	(1,000 dollars)		(number)	(1,000 pounds)	(1,000 dollars)
East				West			
2010-2011	29	98,689	105,370	2010-2011	16	25,872	57,841
2011-2012	28	106,840	121,832	2011-2012	15	25,614	58,407
2012-2013	28	110,586	127,213	2012-2013	15	24,828	55,638
Central				United States			
2010-2011	7	12,678	29,485	2010-2011	52	137,239	192,696
2011-2012	6	13,625	32,406	2011-2012	49	146,079	212,645
2012-2013	10	16,303	38,980	2012-2013	53	151,717	221,831

¹ Regions - East: Delaware, Florida, New York, Pennsylvania, and Tennessee. Central: Illinois, Missouri, Oklahoma, Texas, and Wisconsin. West: California, Hawaii, Montana, Oregon, and Washington.

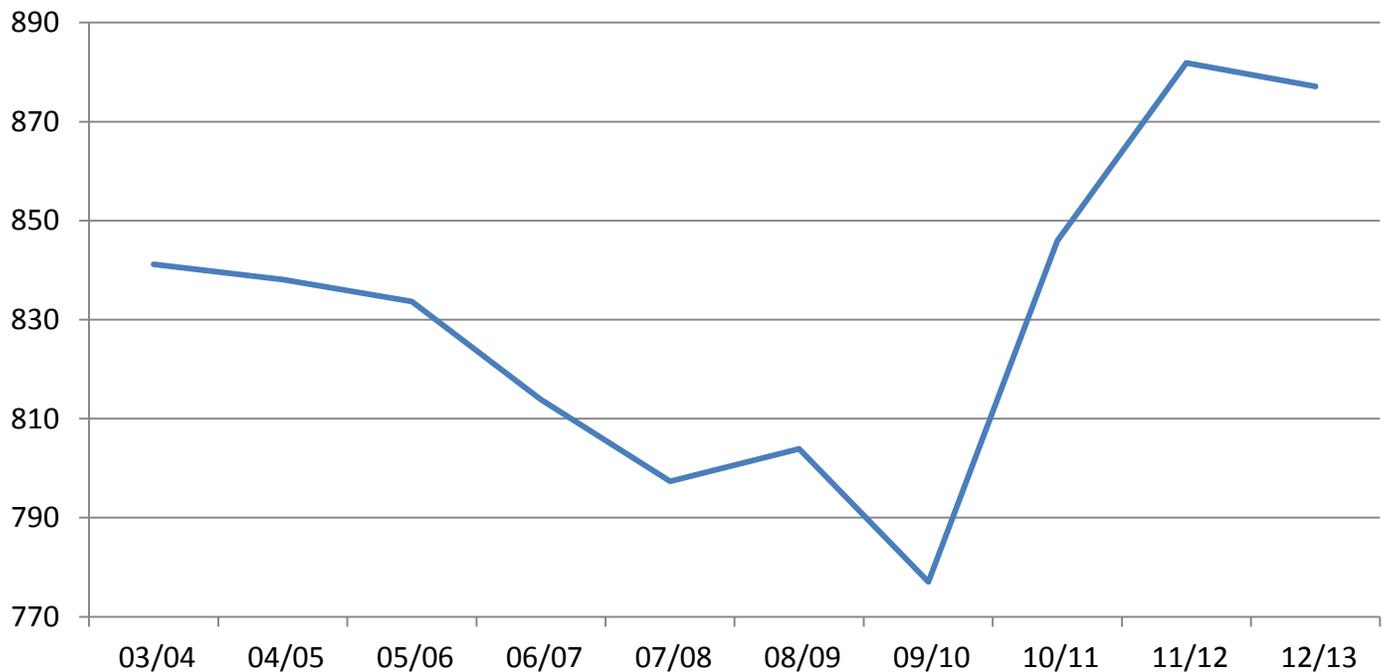
Agaricus Mushroom Sales and Percent of Total – United States: 2003-2013

[This table represents volume of sales at point of first sale. Mushrooms sold for fresh use, but used for processing are included under fresh market volume of sales]

Year	Fresh market		Processing		Total volume of sales (1,000 pounds)
	Volume of sales (1,000 pounds)	Percent	Volume of sales (1,000 pounds)	Percent	
2003-2004	703,496	84	137,666	16	841,162
2004-2005	696,319	83	141,764	17	838,083
2005-2006	704,584	85	129,093	15	833,677
2006-2007	696,709	86	117,140	14	813,849
2007-2008	679,686	85	117,662	15	797,348
2008-2009	680,328	85	123,568	15	803,896
2009-2010	669,955	86	107,109	14	777,064
2010-2011	718,501	85	127,450	15	845,951
2011-2012	771,427	87	110,430	13	881,857
2012-2013	766,448	87	110,649	13	877,097

Agaricus Mushroom Volume of Sales - United States

Million pounds



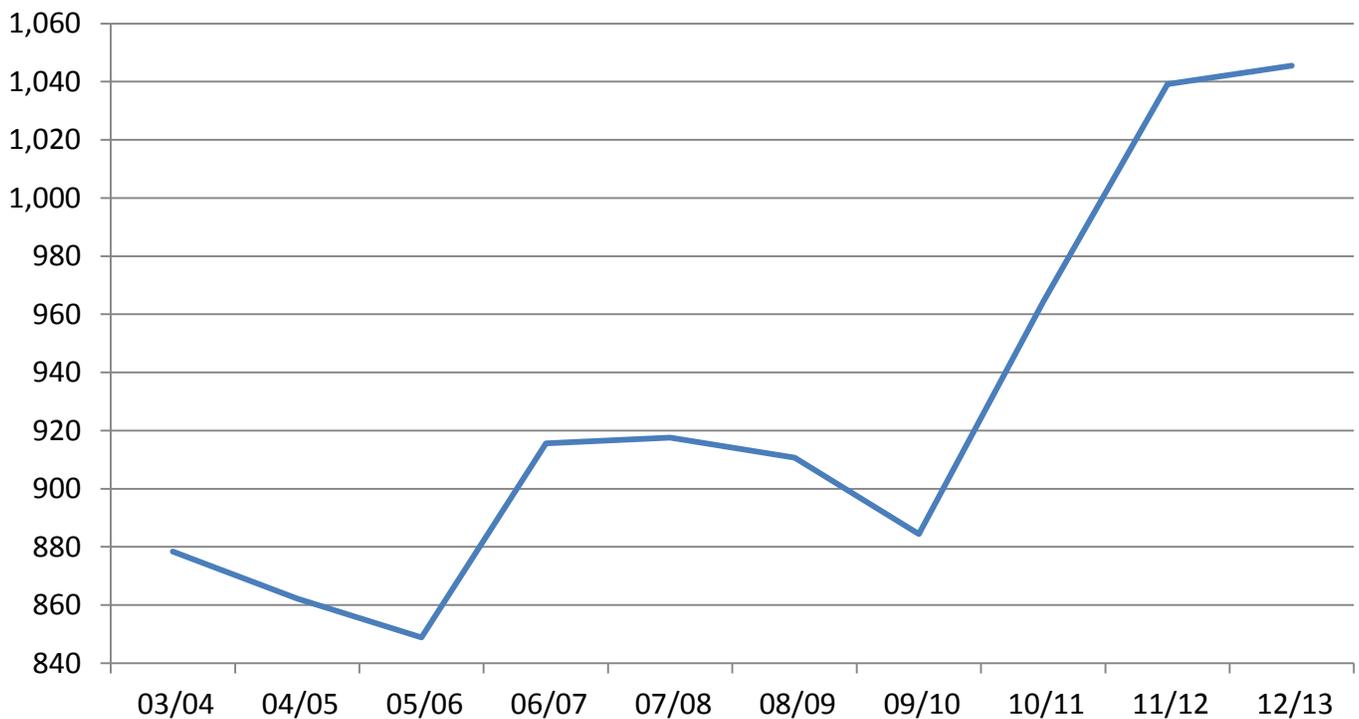
Agaricus Mushroom Price and Value by Utilization – United States: 2003-2013

Year	Fresh market		Processing		All sales	
	Price ¹ per pound	Value of sales	Price ¹ per pound	Value of sales	Price ¹ per pound	Value of sales
	(dollars)	(1,000 dollars)	(dollars)	(1,000 dollars)	(dollars)	(1,000 dollars)
2003-2004	1.140	805,200	0.532	73,205	1.040	878,405
2004-2005	1.140	796,493	0.463	65,699	1.030	862,192
2005-2006	1.130	793,538	0.428	55,298	1.020	848,836
2006-2007	1.210	840,560	0.640	75,001	1.120	915,561
2007-2008	1.240	841,753	0.645	75,854	1.150	917,607
2008-2009	1.240	841,021	0.564	69,637	1.130	910,658
2009-2010	1.230	821,472	0.587	62,918	1.140	884,390
2010-2011	1.240	887,839	0.599	76,353	1.140	964,192
2011-2012	1.260	969,847	0.628	69,312	1.180	1,039,159
2012-2013	1.270	976,495	0.624	69,070	1.190	1,045,565

¹ Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale

Agaricus Mushroom Value of Sales - United States

Million dollars



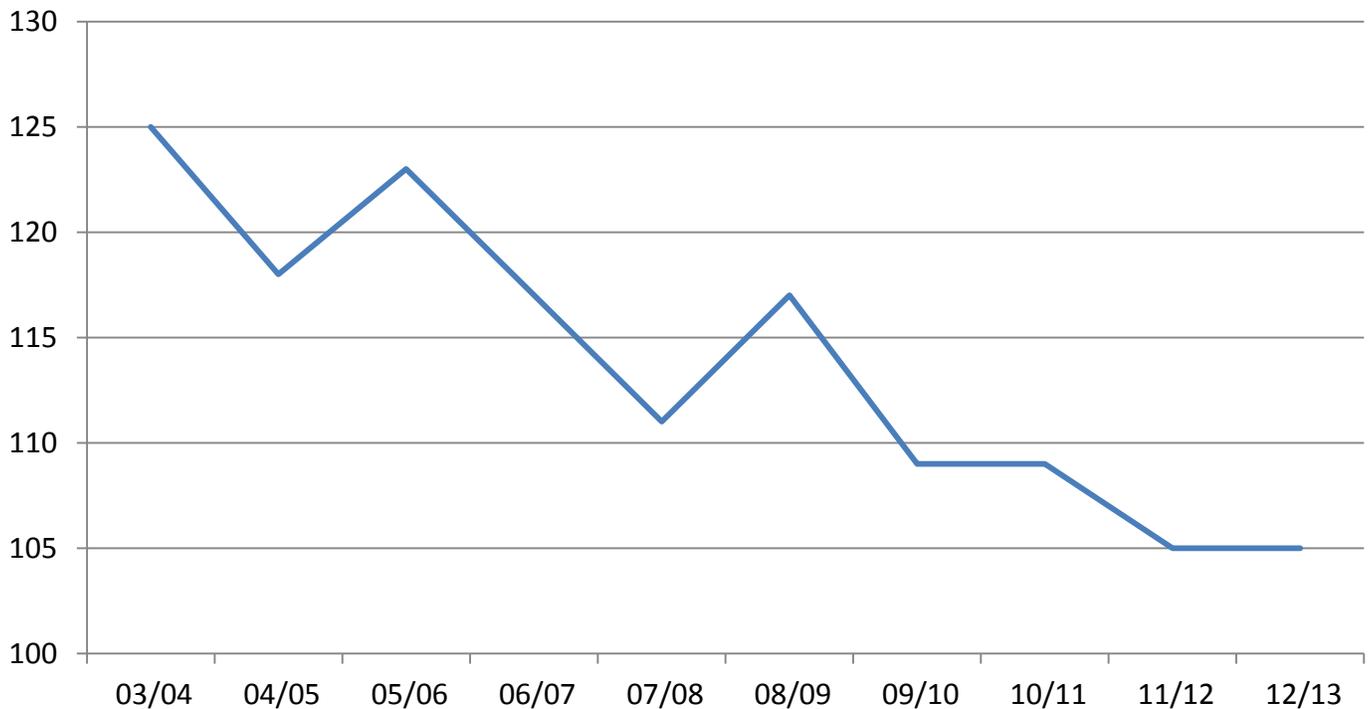
Agaricus Mushroom Number of Growers, Area in Production, Yield, and Dollar Volume per Square Foot – United States: 2003-2013

Year	Growers ¹	Area in production	Yield per square foot	Dollar volume per square foot
	(number)	(1,000 square feet)	(pounds)	(dollars)
2003-2004	125	146,510	5.74	6.00
2004-2005	118	143,093	5.86	6.03
2005-2006	123	142,550	5.85	5.95
2006-2007	117	145,743	5.58	6.28
2007-2008	111	136,011	5.86	6.75
2008-2009	117	134,533	5.98	6.77
2009-2010	109	129,268	6.01	6.84
2010-2011	109	134,266	6.30	7.18
2011-2012	105	139,331	6.33	7.46
2012-2013	105	140,744	6.23	7.43

¹ Estimates are based on growers with sales and include all known growing facilities.

Agaricus Mushroom Number of Growers - United States

Number



Agaricus Mushroom Growing Area Intended for Production by Utilization – States, Regions, and United States: July 2013-June 2014

State and region ¹	Intentions July 2013 - June 2014			
	Fresh market	Processed market	Total fillings	Percent of last year
	(1,000 square feet)	(1,000 square feet)	(1,000 square feet)	(percent)
California	(D)	(D)	22,729	101
Pennsylvania	(D)	(D)	78,555	100
Washington	(D)	(D)	1,146	100
Other States ²	(D)	(D)	40,026	105
East	91,310	5,607	96,917	101
Central	17,500	-	17,500	100
West	28,039	-	28,039	104
United States	136,849	5,607	142,456	101

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Regions - East: Delaware, Florida, Maryland, New York, Pennsylvania, and Tennessee. Central: Illinois, Missouri, Oklahoma, Texas, and Wisconsin. West: California, Colorado, Hawaii, Montana, Oregon, Utah, and Washington.

² Other States include Colorado, Delaware, Florida, Hawaii, Illinois, Maryland, Missouri, Montana, New York, Oklahoma, Oregon, Tennessee, Texas, Utah, and Wisconsin.

Agaricus Mushroom Number of Growers by Sales Category – United States: 2011-2012 and 2012-2013

Sales categories (million pounds)	Number of growers	
	2011-2012	2012-2013
	(number)	(number)
Over 20.0	11	9
10.0 - 19.9	18	22
5.0 - 9.9	18	16
2.5 - 4.9	22	22
1.0 - 2.4	21	19
0.5 - 1.0	3	3
Less than 0.5	12	14

Specialty Mushroom Number of Growers, Total Production, Volume of Sales, Price, and Value of Sales by Variety – United States: 2010-2011, 2011-2012, and 2012-2013

[Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or some commercial indoor growing area, and \$200 in sales]

Year and variety	Growers ¹	Total production ²	All sales		
			Volume of sales ³	Price per pound ⁴	Value of sales
	(number)	(1,000 pounds)	(1,000 pounds)	(dollars)	(1,000 dollars)
2010-2011					
Shiitake	156	7,621	7,327	3.10	22,735
Oyster	83	8,199	7,742	2.37	18,387
Other	25	3,018	2,742	4.58	12,570
Total ⁵	198	18,838	17,811	3.01	53,692
2011-2012					
Shiitake	162	8,413	7,999	3.42	27,377
Oyster	80	7,505	7,031	2.56	18,008
Other	22	3,414	3,083	4.82	14,856
Total ⁵	194	19,332	18,113	3.33	60,241
2012-2013					
Shiitake	179	8,671	8,074	3.33	26,873
Oyster	95	7,411	6,973	3.02	21,045
Other	27	3,654	3,370	4.99	16,802
Total ⁵	207	19,736	18,417	3.51	64,720

¹ Growers counted only once for United States total if growing more than one specialty type mushroom. Growers growing Agaricus and specialty mushrooms are included.

² Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.).

³ Virtually all specialty mushroom sales are for fresh market.

⁴ Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

⁵ 2010-2011: Arkansas, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

2011-2012: Arkansas, California, Colorado, Delaware, Florida, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Hampshire, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

2012-2013: Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

Specialty Mushroom Area in Production by Variety – United States: 2010-2011, 2011-2012, and 2012-2013

[Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or some commercial indoor growing area, and \$200 in sales]

Year and variety	Area in production		
	Natural wood outdoor logs	Natural wood undercover and indoor logs	All other production media
	(1,000 logs)	(1,000 logs)	(1,000 square feet)
2010-2011			
Shiitake ¹	126	72	1,220
Oyster	(X)	(X)	766
Other	(X)	(X)	332
Total ²	126	72	2,318
2011-2012			
Shiitake ¹	151	28	1,499
Oyster	(X)	(X)	689
Other	(X)	(X)	332
Total ²	151	28	2,520
2012-2013			
Shiitake ¹	137	29	1,506
Oyster	(X)	(X)	785
Other	(X)	(X)	362
Total ²	137	29	2,653

(X) Not applicable.

¹ Includes small quantity of logs producing Oyster and Other mushrooms. These logs are not published separately to avoid disclosure of individual operations.

² 2010-2011: Arkansas, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

2011-2012: Arkansas, California, Colorado, Delaware, Florida, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Hampshire, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

2012-2013: Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

Agaricus Mushrooms

Agaricus mushroom volume of sales totaled 877 million pounds, down 1 percent from the 2011-2012 season. Pennsylvania accounted for 62 percent of the total volume of sales and second-ranked California contributed 13 percent. The value of the Agaricus crop was estimated at \$1.05 billion dollars, up 1 percent from the 2011-2012 season. Brown mushrooms, including Portabello and Crimini varieties, accounted for 152 million pounds, up 4 percent from last season. Brown mushrooms accounted for 17 percent of the total Agaricus volume sold and 21 percent of the total Agaricus value.

The total number of Agaricus growers in the United States, at 105, was unchanged from last season. Growers with sales exceeding 10 million pounds accounted for 74 percent of United States Agaricus sales, or 652 million pounds.

United States fresh market sales of Agaricus mushrooms totaled 766 million pounds, down 1 percent from the previous season, while processed sales, at 111 million pounds, was slightly above the previous season. Growers reported United States fresh market production made up 87 percent of total sales volume, while processed production represented the remaining 13 percent. Grower total filling intentions for the 2013-2014 crop are 142 million square feet, up 1 percent from the total fillings in the 2012-2013 season.

The 53 growers of Agaricus mushrooms in Chester County, Pennsylvania produced 384 million pounds, a decrease of 4 percent compared to the 2011-2012 growing season. This production was valued at 361 million dollars, down 1 percent from the previous season. The growing area in Chester County was 11.8 million square feet, down 5 percent from last season. Total fillings were 56.6 million square feet, down 7 percent from the 2011-2012 growing season.

Specialty Mushrooms - Shiitake, Oyster, and all Other Exotics

Value of sales for commercially grown specialty mushrooms in 2012-2013 totaled 64.7 million, up 7 percent from the 2011-2012 season. A specialty grower is defined as having at least 200 natural wood logs in production or some commercial indoor growing area, and \$200 dollars or more in sales. The average price per pound received by growers, at \$3.51, was up 18 cents from the previous season.

Certified Organic Agaricus and Specialty Mushrooms

Growers produced 26.2 million pounds of mushrooms that were certified organic during the 2012-2013 growing season, 19 percent below 2011-2012. Eighty-six percent of the total, or 22.6 million pounds, were sold as certified organic mushrooms. This is up 8 percentage points from the 2011-2012 crop year. Agaricus mushrooms accounted for 64 percent of the mushrooms sold as certified organic, while all specialty mushrooms made up the remainder. The total certified organic sales of all mushrooms represent 3 percent of the 2012-2013 total mushroom sales. The number of certified organic mushroom growers totaled 56, up 2 growers from the revised previous season. These growers represent 19 percent of the 298 total mushroom producers.

Statistical Methodology

Survey procedures: Grower surveys are conducted in preparation for this report. All known commercial mushroom producers are contacted utilizing mail, telephone, and personal enumeration. Unless other specific arrangements are made, data collection for multi-State operations is conducted by the State in which the firm's headquarters is located. Information is collected for Agaricus (including White Button, Crimini, and Portabello) and specialty mushrooms.

Estimating procedures: Information obtained from the mushroom grower surveys is used to establish estimates of number of growers, area in production, yield per square foot, utilization, volume of sales, average price per pound, and value of sales. Estimates are also prepared for the total amount of mushrooms grown as certified organic, quantity sold from mushrooms certified as organically produced and the number of certified organic growers.

Revision policy: All mushroom estimates, except intentions, are subject to revision the following year based on a thorough review of all available data.

Reliability: The mushrooms grower surveys are subject to non-sampling errors, such as omissions, duplication, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco	(202) 720-4288
LaKeya Jones – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits.....	(202) 720-5412
Dave Losh – Hops.....	(360) 709-2400
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans	(202) 720-3250
Daphne Schauber – Berries, Cranberries, Potatoes, Sweet Potatoes	(202) 720-4285
Jorge Garcia-Pratts – Floriculture, Maple Syrup, Nursery, Tree Nuts	(202) 720-4215

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Follow NASS” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

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USDA Data Users' Meeting
Monday, October 21, 2013

Crowne Plaza Chicago-Metro
Chicago, Illinois 60661
312-829-5000

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seek comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at <http://www.nass.usda.gov/meeting/> or contact Rose Armstrong (NASS) at 202-690-8141 or at rose.armstrong@nass.usda.gov.

This Data Users' Meeting precedes the Industry Outlook Conference that will be held at the same location on Tuesday, October 22, 2013. The outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Conference, see the conference webpage on the LMIC website: <http://www.lmic.info/IOC/>. Or call the Livestock Marketing Information Center (LMIC) at 303-236-0460.