

Grapes

Pennsylvania: Commercial Grapes ¹ – Number of Farms, Vines, Acres, Vines per Acre, 1992-2008

Fruit	Year	Farms	Vines			Acres			Vines per Acre		
			Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
Grapes	1992	293						10,989			
	1997	274						11,450			
	2002	239						11,010.6			
	2008	358	7,314,736	356,072	7,670,808	11,851.4	484.0	12,335.4	617	736	622

¹In 2008 a commercial grape farm is defined as one having at least one acre of grapes. Further definitions can be found in the Survey Procedure section of this report. Prior to 2008, a commercial grape operation was defined as one having two acres or more of grapevines maintained for production.

Pennsylvania: Commercial Grapes ¹ – Reported Organic Grape Acres Certified or in Transition²

Certified Organic as of December 31, 2008		Acres In Transition as of December 31, 2008 and Expected to be Certified		
Farms	Acres	by Dec 31, 2009	by Dec 31, 2010	by Dec 31, 2011
4	88.8	0	10.0	1.0

¹In 2008 a commercial grape farm is defined as one having at least one acre of grapes. Further definitions can be found in the Survey Procedure section of this report. ²Organic Acreage are a summarization of actual reports only. There was no estimation made for non-responding farms.

Pennsylvania: Commercial Grapes – Number of Farms, Vines and Acres by Size Group, 1992-2008

Size Group	Farms				Vines				Acres			
	1992	1997	2002	2008 ¹	1992	1997	2002	2008 ¹	1992	1997	2002	2008 ¹
1.0 – 1.9 acres				33				21,313				38.3
2.0 – 4.9 acres	56	37	41	82				161,032	160.3	120.3	133.6	244.6
5.0 – 9.9 acres	48	39	36	56				248,527	330.6	272.1	236.9	380.2
10.0 – 19.9 acres	59	58	39	56				543,057	786.0	767.5	525.1	763.5
20.0 – 49.9 acres	64	67	54	57				1,178,208	2,085.0	2,113.8	1,701.2	1,788.2
20.0 – 29.9 acres				28				454,758				672.4
30.0 – 49.9 acres				29				723,450				1,115.8
50.0 – 99.9 acres	36	42	34	39				1,667,385	2,625.1	3,021.2	2,414.0	2,797.2
100.0 – 199.9 acres	21	23	25	24				1,935,847	2,882.1	3,152.8	3,268.8	3,175.6
200.0 + acres	9	8	10	11				1,915,439	2,120.0	2,002.0	2,731.0	3,147.8
Pennsylvania	293	274	239	358				7,670,808	10,989.1	11,449.7	11,010.6	12,335.4

¹In 2008 a commercial grape farm is defined as one having at least one acre of grapes. Prior to 2008, a commercial grape operation was defined as one having two acres or more of grapevines maintained for production. Further definitions can be found in the Survey Procedure section of this report.

Pennsylvania: Commercial Grapes¹ – Number of Farms and Acres by County, 1992-2008

County where headquarters is located	Farms				Acres			
	1992	1997	2002	2008 ²	1992	1997	2002	2008 ²
Adams				11				63.0
Armstrong				3				19.0
Bedford				3				11.5
Berks				10				110.9
Bucks				9				99.1
Centre	3				12.0			
Chester	3	4	8	16	25.8	50.4	69.5	141.9
Dauphin				4				11.6
Delaware				4				37.5
Erie	246	219	179	188	10,627.1	10,877.8	10,399.0	11,022.1
Indiana				3				19.3
Lancaster				8				110.8
Lebanon				3				8.0
Lehigh				10				167.5
Luzerne				4				9.0
Mercer				3				11.2
Monroe				3				33.0
Northampton				7				39.5
Northumberland				5				22.9
Schuylkill				5				34.5
Washington				4				17.9
Westmoreland				4				20.0
Wyoming				3				16.9
York	11	6	11	13	67.0	86.9	97.2	86.1
Other Counties	61	63	52	35	281.4	446.9	454.2	222.2
Pennsylvania	324	292	250	358	11,013.3	11,462.0	11,019.9	12,335.4

¹ Commercial Grapes in this table prior to 2008 include operations and acres that qualified as commercial for any fruit, but did not meet the two grape acre definition. ² In 2008 a commercial grape farm is defined as one having at least one acre of grapes. Prior to 2008, a commercial grape operation was defined as one having two acres or more of grapevines maintained for production. Further definitions can be found in the Survey Procedure section of this report.

Pennsylvania: Commercial Grapes¹ – Number of Farms, Vines, Acres, Vines per Acre, by Production Practice, 2008

Grapes Primarily Maintained for	Farms	Vines			Acres			Vines per Acre		
		Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
Wine	206	1,788,343	200,636	1,988,979	2,611.3	232.2	2,843.5	685	864	699
Juice & other processing	194	5,496,326	154,356	5,650,682	9,187.2	250.2	9,437.4	598	617	599
Table	22	30,067	1,080	31,147	52.9	1.6	54.5	568	675	572
Pennsylvania	358	7,314,736	356,072	7,670,808	11,851.4	484.0	12,335.4	617	736	622

¹ In 2008 a commercial grape farm is defined as one having at least one acre of grapes. Prior to 2008, a commercial grape operation was defined as one having two acres or more of grapevines maintained for production. Further definitions can be found in the Survey Procedure section of this report.

Pennsylvania: Commercial Grapes – Acres by Production Practice Number of Farms and Acres by County, 2008¹

County where headquarters is located	Bearing Acres Primarily Maintained for						Non-Bearing Acres Primarily Maintained for					
	Wine		Juice & other processing		Table		Wine		Juice & other processing		Table	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Adams	6	28.7	3	8.9			7	24.7				
Armstrong							3	10.5				
Berks	9	80.8					6	29.1				
Bucks	7	84.1										
Chester	15	123.6					5	13.0				
Dauphin	3	5.5										
Erie	63	1619.1	171	9097.1	4	20.5	15	41.4	6	244.0		
Lancaster	7	107.5										
Lehigh	7	141.5										
Monroe	3	25.5					3	7.5				
Northampton	6	36.0										
Northumberland	3	15.6										
Schuylkill	4	27.9					3	3.6				
Washington	3	14.8										
Westmoreland	3	12.0										
Wyoming	3	8.9										
York	12	76.1					3	9.0				
Other Counties	37	203.7	17	81.2	17	32.4	33	93.4	4	6.2	3	1.6
Pennsylvania	191	2611.3	191	9187.2	21	52.9	78	232.2	10	250.2	3	1.6

¹ Farms may not add to the total because the same farm could be included in multiple columns.

Pennsylvania: Commercial Grapes¹ – Acres Where Fruit is Located by County², 2008

County where fruit is located	Total Acres	County where fruit is located	Total Acres	County where fruit is located	Total Acres	County where fruit is located	Total Acres
Adams	63.0	Delaware	37.5	Mercer	11.2	Wyoming	16.9
Allegheny	18.0	Erie	11,022.1	Monroe	33.0	York	86.1
Bedford	11.5	Indiana	19.3	Northampton	39.5		
Berks	110.9	Lancaster	113.4	Northumberland	22.2	Other Counties	222.3
Bucks	99.1	Lebanon	8.0	Schuylkill	41.5		
Chester	140.9	Lehigh	160.5	Washington	17.9		
Dauphin	11.6	Luzerne	9.0	Westmoreland	20.0	Pennsylvania	12,335.4

¹ In 2008 a commercial grape farm is defined as one having at least one acre of grape vines. Further definitions can be found in the Survey Procedure section of this report. ² This is the county where the fruit is actually located. Other data in this release is summarized by the location of the headquarters of the operations.

Pennsylvania: Commercial Grapes – Farms and Acres by County and Variety ¹, 2008

Each variety is listed with the first character as B/R/W for skin color (Blue/Red/White)
and the second character is H/V/N for type (Hybrid/Vinifera/Native American).

County where headquarters is located	Aurora, W/H		Baco Noir, B/H		Barbera, B/V		Cabernet Franc, B/V		Cabernet Sauvignon, B/V		Canadice, R/H	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Berks							5	6.8	5	7.1		
Bucks							4	4.3	4	9.8		
Chester							10	13.2	8	13.6		
Erie							7	43.8	5	10.2		
Lancaster							3	5.6	3	9.1		
Lehigh							3	8.6	3	8.1		
Northampton							3	1.6				
Schuylkill							3	12.0				
York							5	5.4	7	7.0		
Other Counties	5	1.8	8	6.0	3	1.9	18	21.8	12	8.8	4	0.9
Pennsylvania	5	1.8	8	6.0	3	1.9	61	123.1	47	73.7	4	0.9
County where headquarters is located	Catawba for Wine, R/N		Cayuga, W/H		Chambourcin, B/H		Chancellor, B/H		Chardonnay, W/V		Chelois, B/H	
	Farms	Acres	Farms	Acres	Farms	Farms	Acres	Farms	Acres	Farms	Farms	Acres
Adams					4	5.4						
Berks			3	1.9	4	3.4			5	18.1		
Bucks					4	7.4			5	31.6		
Chester					5	8.8			9	19.9		
Dauphin					3	1.7						
Erie	25	174.8	5	23.3	9	38.1			4	2.4		
Lancaster					4	8.7	3	2.8	4	10.1		
Lehigh					3	10.0			5	8.2		
Northampton					4	6.5			4	3.2		
York	3	1.9	4	1.4	7	12.0	3	2.1	8	7.2		
Other Counties	9	6.6	25	29.9	21	33.6	15	10.0	20	24.9	4	2.5
Pennsylvania	37	183.3	37	56.5	68	135.6	21	14.9	64	125.6	4	2.5
County where headquarters is located	Concord for Juice/Other, B/N		Concord for Wine, B/N		Corot Noir, B/H		De Chaunac, B/H		Delaware, R/N		Dornfelder, B/V	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Erie	157	7,973.5	23	1,045.3			3	7.0	4	7.9		
Northumberland	3	5.2										
Other Counties	7	9.0	19	18.0	4	3.9	20	21.5	5	3.9	3	1.6
Pennsylvania	167	7,987.7	42	1,063.3	4	3.9	23	28.5	9	11.8	3	1.6
County where headquarters is located	Edelweiss, W/H		Elvira, W/H		Fredonia, B/N		Frontenac, B/H		Gewurztraminer, W/V		GR Seven, B/H	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Armstrong									3	4.4		
Erie					8	25.4						
Other Counties	5	4.0	4	26.0	10	9.7	11	12.0	10	8.5	3	5.1
Pennsylvania	5	4.0	4	26.0	18	35.1	11	12.0	13	12.9	3	5.1

Pennsylvania: Commercial Grapes – Farms and Acres by County and Variety, 2008, Con.

County where headquarters is located	Gruner Veltliner, W/V		Himrod, W/H		La Crosse, W/H		Landot Not Specified, B/H		Lemberger, B/V		Leon Millot, B/H	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Erie							3	3.5				
Other Counties	4	2.4	3	1.2	3	0.4	7	4.9	10	7.2	8	11.0
Pennsylvania	4	2.4	3	1.2	3	0.4	10	8.4	10	7.2	8	11.0
County where headquarters is located	Marechal Foch, B/H		Marquette, B/H		Merlot, B/V		Moore's Diamond, W/N		Muscat Blanc, W/V		Niagara for Juice/Other, W/N	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Chester					6	5.9						
Erie	3	2.0			5	43.5					60	518.1
Lancaster					4	10.1						
York					6	2.8						
Other Counties	21	21.8	3	0.4	13	25.3	3	2.5	3	0.8	8	3.9
Pennsylvania	24	23.8	3	0.4	34	87.6	3	2.5	3	0.8	68	522.0
County where headquarters is located	Niagara for Wine, W/N		Noiret, B/H		Petit Verdot, B/V		Pinot Gris, W/V		Pinot Noir, B/V		Reliance, R/H	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Berks							3	2.6	5	14.1		
Bucks									3	2.3		
Chester					5	2.6	4	6.8	5	7.0		
Erie	11	76.6	3	7.8			4	3.9				
Lehigh									3	4.5		
York									3	2.5		
Other Counties	19	16.0	6	4.0	5	2.0	15	22.1	8	9.9	3	1.0
Pennsylvania	30	92.6	9	11.8	10	4.6	26	35.4	27	40.3	3	1.0
County where headquarters is located	Riesling, W/V		Sangiovese, B/V		Sauvignon Blanc, W/V		Seyval Blanc, W/H		St. Croix, B/H		St. Vincent, B/H	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Berks	5	6.0										
Bucks	3	9.6										
Chester	3	.5										
Erie	9	31.8					12	28.7				
Lancaster							4	5.8				
Lehigh	4	12.3										
Northampton									3	3.5		
York	5	2.3							5	6.7		
Other Counties	22	23.3	5	7.7	5	4.8	18	20.0	4	6.1	3	.9
Pennsylvania	51	85.8	5	7.7	5	4.8	42	64.7	4	6.1	3	.9

Pennsylvania: Commercial Grapes – Farms and Acres by County and Variety, 2008, Con.

County where headquarters is located	Steuben, B/H		Syrah / Shiraz, B/V		Tramintette, W/H		Venus, B/H		Vidal Blanc, W/H		Vignoles (Ravat 51), W/H	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Adams					3	2.9			5	7.9		
Berks			4	4.3								
Bucks									3	4.7		
Chester			4	4.9					6	10.0		
Erie	8	31.6			4	16.4			18	50.8	9	15.7
Lancaster									5	14.7	3	5.5
Lehigh									3	2.5		
Northampton									3	9.5		
Schuylkill									3	3.9		
York					4	1.6			4	7.0	3	2.3
Other Counties	11	13.9	4	9.7	18	13.3	3	.3	18	19.9	18	19.9
Pennsylvania	19	45.5	12	18.9	29	34.2	3	.3	68	130.9	33	43.4

County where headquarters is located	Viognier, W/V		Other Varieties ¹	
	Farms	Acres	Acres	
Adams			24.8	
Berks			28.7	
Bucks			13.9	
Chester	3	5.2	29.1	
Dauphin			1.9	
Erie			803.7	
Lehigh			82.2	
Monroe			5.0	
Northampton			2.6	
Perry			5.7	
Schuylkill			6.4	
Washington			3.4	
Westmoreland			12.6	
York			13.4	
Other Counties	4	3.7	78.8	
Pennsylvania	7	8.9	1,112.2	

¹ Other Varieties include varieties listed within the table, Aligote, Arneis, Auxerrois, Beta, Bianca, Carmine, Cascade, Catawaba for Juice, Charonnel, Colobel, Dutchess, Einset, Espirit, Florental, Gamay Noir, Geisenheim, Glenora, JS-23416, King of the North, Louise Swenson, Marquis, Mars, Melody, Mourvedre, Muscat Ottonel, Norton, NY 73, NY 81, Pinot Blanc, Price, Regent, Rkatsiteli, Rougeon, Scheurebe, Semillion, Sheridan, Siegerrebe, Skujins 675, St. Pepin, Tannat, Touriga, Valvin Muscat, Vanessa, Villard Blanc, Villard Noir, Worden, Zinfandel and Zweigelt.

Pennsylvania: Commercial Grapes – Farms and Acres by County and Variety, 2008, Con.

County where headquarters is located	Total Blue Hybrid		Total Red Hybrid		Total White Hybrid		Total Blue Vinifera		Total Red Vinifera		Total White Vinifera	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Adams	5	5.5			5	11.8						
Berks	4	5.9					7	35.8			8	30.4
Bucks	4	16.0					5	16.9			5	42.7
Chester							10	52.8			12	36.6
Dauphin	3	2.1										
Erie					29	161.1						
Indiana					3	6.3						
Lancaster							8	27.4			4	22.1
Lehigh							5	37.8			6	22.2
Monroe	3	18.0										
Northampton	5	9.9			3	17.7						
Schuylkill	3	7.6			3	6.4						
Washington					3	5.9						
Westmoreland	3	2.7										
Wyoming					3	3.5						
York							7	20.4			8	12.7
Other Counties	80	258.1	7	2.3	65	164.7	46	182.3			50	116.6
Pennsylvania	110	325.8	7	2.3	114	377.4	88	373.4	0	0.0	93	283.3

Pennsylvania: Commercial Grapes – Farms and Acres by County and Variety, 2008, Con.

County where headquarters is located	Total Blue Native-American		Total Red Native-American		Total White Native-American		Total Hybrid		Total Vinifera		Total Native- American	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Adams							6	17.3	4	16.5		
Armstrong									3	7.5		
Berks							5	16.0	8	66.2		
Bucks							5	26.2	5	59.6		
Chester							8	26.6	12	89.4		
Dauphin							3	2.3				
Erie	170	9,044.4					33	267.8	16	137.2	176	9,833.3
Indiana							3	13.9				
Lancaster							6	47.9	8	49.5		
Lehigh							7	26.3	6	60.0		
Luzerne							3	4.0			3	5.0
Monroe							3	23.0				
Northampton							5	27.6	5	8.6		
Northumberland	3	5.8									3	7.8
Schuylkill							3	14.0	3	17.5		
Washington							3	8.9				
Westmoreland							3	4.5				
Wyoming							3	7.1	3	9.8		
York			3	2.4			8	35.8	8	33.1	3	4.9
Other Counties	27	36.3	38	203.7	93	617.6	31	136.3	27	101.8	30	59.2
Pennsylvania	200	9,086.5	41	206.1	93	617.6	138	705.5	108	656.7	215	9,910.2
County where headquarters is located	Total Blue		Total Red		Total White							
	Farms	Acres	Farms	Acres	Farms	Acres						
Adams	6	16.4			6	18.3						
Armstrong					3	14.7						
Berks	8	41.7			8	40.6						
Bucks	6	32.9			6	53.1						
Chester	12	64.6			12	52.3						
Dauphin	4	8.1			3	1.9						
Erie	176	9,248.8	29	193.9	79	795.6						
Indiana	3	11.2			3	7.6						
Lancaster	8	46.2			6	58.2						
Lehigh	7	53.4			7	33.2						
Luzerne	4	5.5			3	2.5						
Monroe	3	23.0										
Northampton	6	14.6			5	23.4						
Northumberland	4	9.3			3	11.9						
Schuylkill	4	21.4			3	10.1						
Washington					3	8.3						
Westmoreland	3	4.3			3	3.1						
Wyoming	3	6.5			3	10.4						
York	10	36.0	3	2.9	10	34.9						
Other Counties	37	141.8	14	11.6	30	98.2						
Pennsylvania	304	9,785.7	46	208.4	196	1,278.3						

Pennsylvania: Commercial Grapes – Acres by Variety and Age

Variety	Farms ¹	Acres by Age (Year Planted)				Total	
		3 Years or less (2006-2008)	4-9 Years (2000-2005)	10-19 Years (1990-1999)	20+ Years (1989 & before)	Acres	Percent of Total
Aurora, W/H	5					1.8	
Baco Noir, B/H	8			4.0		6.0	
Barbera, B/V	3					1.9	
Cabernet Franc, B/V	61	53.8	20.9	47.0	1.4	123.1	1
Cabernet Sauvignon, B/V	47	6.5	23.3	37.4	6.5	73.7	
Canadice, R/H	4					.9	
Catawba for Wine, R/N	37			3.2	177.2	183.3	1
Cayuga, W/H	37	3.7	10.8	20.6	21.4	56.5	
Chambourcin, B/H	68	7.1	49.2	46.1	33.2	135.6	1
Chancellor, B/H	21			8.1	3.8	14.9	
Chardonnay, W/V	64	12.9	35.5	53.8	23.4	125.6	1
Chelois, B/H	4					2.5	
Concord for Juice / Other, B/N	167	201.0	121.6	394.2	7270.9	7,987.7	65
Concord for Wine, B/N	42	5.0	24.3	60.7	973.3	1,063.3	9
Corot Noir, B/H	4					3.9	
De Chaunac, B/H	23	10.1	6.8	3.8	7.8	28.5	
Delaware, R/N	9				10.7	11.8	
Dornfelder, B/V	3		1.6			1.6	
Edelweiss, W/H	5	1.8	2.2			4.0	
Elvira, W/H	4					26.0	
Fredonia, B/N	18			3.3	26.4	35.1	
Frontenac, B/H	11	1.4	10.6			12.0	
Gewurztraminer, W/V	13	3.4			5.0	12.9	
GR Seven, B/H	3					5.1	
Gruener Veltliner, W/V	4		1.4			2.4	
Himrod, W/H	3					1.2	
La Crosse, W/H	3					.4	
Landot, Not Specified, B/H	10	2.3	5.8			8.4	
Lemberger, B/V	10	2.1	4.3	.8		7.2	
Leon Millot, B/H	8		2.3		5.9	11.0	
Marechal Foch, B/H	24	1.9	4.4	10.1	7.4	23.8	
Marquette, B/H	3	.4				.4	
Merlot, B/V	34	54.3	19.9	8.9	4.5	87.6	
Moore's Diamond, W/N	3					2.5	
Muscat Blanc, W/V	3					.8	
Niagara for Juice / Other, W/N	68	5.3	61.0	109.2	346.5	522.0	4
Niagara for Wine, W/N	30	.4	10.7	32.5	49.0	92.6	
Noiret, B/H	9	10.3				11.8	
Petit Verdot, B/V	10	2.8				4.6	
Pinot Gris, W/V	26	8.2	7.8	17.5	1.9	35.4	
Pinot Noir, B/V	27	8.9	16.0	12.2	3.2	40.3	
Reliance, R/H	3		.8			1.0	
Riesling, W/V	51	30.3	28.8	14.4	12.3	85.8	
Sangiovese, B/V	5	1.7				7.7	
Sauvignon Blanc, W/V	5					4.8	
Seyval Blanc, W/H	42	3.4	8.3	13.3	39.7	64.7	
St. Croix, B/H	4		4.0			6.1	
St. Vincent, B/H	3					.9	
Steuben, B/H	19	3.0	26.8	14.0	1.7	45.5	
Syrah / Shiraz, B/V	12	3.9	12.4			18.9	
Traminette, W/H	29	10.9	19.2			34.2	
Venus, B/H	3					.3	
Vidal Blanc, W/H	68	27.9	32.1	15.9	55.0	130.9	1
Vignoles (Ravat 51), W/H	33	4.0	14.2	9.5	15.7	43.4	
Viognier, W/V	7	1.4		3.5		8.9	
Other ²		309.1	360.5	102.2	439.6	1,112.2	9
Blue	304	395.7	380.1	661.6	8348.3	9785.7	
Red	46	2.6	2.5	3.7	199.6	208.4	
White	196	126.7	279.7	297.5	573.4	1277.3	
Hybrid	138	108.3	246.6	153.4	197.2	705.5	
Vinifera	108	199.0	193.3	206.2	58.2	656.7	
Native-American	215	217.7	222.4	604.2	8865.9	9910.2	
All grapes for wine³	203	318.7	479.7	460.4	1492.9	2751.7	
Percent of PA Total		2.6%	3.9%	3.7%	12.1%	22.3%	
All grapes for juice⁴							
Pennsylvania, Total	358	799.2	946.6	1,046.2	9,543.4	12,335.4	
Percent of Total Acres		6.48%	7.67%	8.48%	77.37%		

¹ In 2008 a commercial grape farm is defined as one having at least one acre of grapes. Further definitions can be found in the Survey Procedure section of this report.

² Other includes varieties not listed above: Aligote, Arneis, Auxerrois, Beta, Bianca, Carmine, Cascade, Catawaba for Juice, Charonnel, Colobel, Dutchess, Einset, Espirit, Florental, Gamay Noir, Geisenheim, Glenora, JS-23416, King of the North, Louise Swenson, Marquis, Mars, Melody, Mourvedre, Muscat Ottonel, Norton, NY 73, NY 81, Pinot Blanc, Price, Regent, Rkatsiteli, Rougeon, Scheurebe, Semillion, Sheridan, Siegerrebe, Skujins 675, St. Pepin, Tannat, Touriga, Valvin Muscat, Vanessa, Villard Blanc, Villard Noir, Worden, Zinfandel and Zweigelt. ³ Grapes for wine is the sum of all Hybrid, all Vinifera and all Native American varieties excluding Catawba/Concord/Niagara acres maintained for Juice & other processing. ⁴ Grapes for juice is only the sum of Catawba/Concord/Niagara maintained primarily for juice & other processing. Grapes for juice are not published due to confidentiality.

Pennsylvania: Commercial Grapes – Reported Acres by Variety and Training System, 2008

Variety	Acres as Reported ¹					Total Acres Reported
	Single Low Canopy (VSP)	Single High Canopy (high wire cane or cordon)	Vertically Divided (Scott Henry, Smart-Dyson, etc)	Horizontally Divided (GDC, Lyre, etc)	Other	
Aurora, W/H						1.8
Baco Noir, B/H		3.3			2.4	6.0
Barbera, B/V						1.9
Cabernet Franc, B/V	78.3	27.3	10.1	1.1	6.3	123.1
Cabernet Sauvignon, B/V	35.7	13.5			15.3	73.7
Canadice, R/H						.9
Catawba for Wine, R/N		169.0	10.8		1.0	183.3
Cayuga, W/H	6.7	32.2	5.8	3.1	8.7	56.5
Chambourcin, B/H	31.7	79.4	5.7	5.1	13.7	135.6
Chancellor, B/H		8.4	1.8		3.1	14.9
Chardonnay, W/V	60.9	11.2	13.4	1.7	38.4	125.6
Chelois, B/H					.5	2.5
Concord for Juice / Other, B/N	241.4	6681.9	29.0	942.5	92.9	7987.7
Concord for Wine, B/N	127.1	552.7	33.6	234.2	115.7	1063.3
Corot Noir, B/H						3.9
De Chaunac, B/H	2.4	17.4			5.8	28.5
Delaware, R/N		7.3				11.8
Dornfelder, B/V	1.6					1.6
Edelweiss, W/H						4.0
Elvira, W/H						26.0
Fredonia, B/N		25.0		2.3	6.7	35.1
Frontenac, B/H	7.3	3.2				12.0
Gewurztraminer, W/V	6.7				4.4	12.9
GR Seven, B/H						5.1
Gruener Veltliner, W/V						2.4
Himrod, W/H						1.2
La Crosse, W/H						.4
Landot, Not Specified, B/H	4.0				2.2	8.4
Lemberger, B/V	3.6					7.2
Leon Millot, B/H		6.4				11.0
Marechal Foch, B/H	6.0	12.6			3.3	23.8
Marquette, B/H	.4					.4
Merlot, B/V	60.0	14.1		7.5		87.6
Moore's Diamond, W/N						2.5
Muscat Blanc, W/V						.8
Niagara for Juice / Other, W/N	17.9	455.7			36.0	522.0
Niagara for Wine, W/N	1.7	81.6	3.2	4.4	1.7	92.6
Noiret, B/H	3.4	6.6				11.8
Petit Verdot, B/V	3.5					4.6
Pinot Gris, W/V	22.5	6.2	3.7			35.4
Pinot Noir, B/V	23.6	5.8	5.6		5.3	40.3
Reliance, R/H						1.0
Riesling, W/V	49.5	9.6	9.2	5.2	12.3	85.8
Sangiovese, B/V	3.5					7.7
Sauvignon Blanc, W/V	2.5					4.8
Seyval Blanc, W/H	17.3	35.1	5.5	2.3	4.5	64.7
St. Croix, B/H						6.1
St. Vincent, B/H						.9
Steuben, B/H	1.7	34.4			4.1	45.5
Syrah / Shiraz, B/V	7.0					18.9
Traminette, W/H	10.0	14.7		6.2		34.2
Venus, B/H						.3
Vidal Blanc, W/H	23.0	79.6	10.7	3.3	14.3	130.9
Vignoles (Ravat 51), W/H	10.8	21.0	2.8	4.2	4.6	43.4
Viognier, W/V	2.5	4.2				8.9
Other ²	71.2	103.2	46.2	31.4	1012.6	1112.2
Blue	660.9	7521.5	118.1	1200.4	284.8	9785.7
Red	2.1	188.3	10.8	1.7	5.5	208.4
White	247.4	787.8	61.5	46.8	134.8	1278.3
Hybrid	147.6	400.8	46.5	34.0	76.6	705.5
Vinifera	372.9	110.9	65.2	18.6	89.1	656.7
Native-American	389.9	7985.9	78.7	1196.3	259.4	9910.2
All grapes for wine³	651.1	1349.0	160.4	295.0	296.2	2751.7
Percent of PA Total						
All grapes for juice⁴	259.3	7148.6	30.0	953.9	128.9	8520.7
Pennsylvania, Total	945.4	8522.6	197.1	1254.5	1415.8	12335.4
Percent of Total Acres	7.7%	69.0%	1.6%	10.2%	11.5%	

¹ Training System is a summarization of actual reports only. There was no estimation made for non-responding farms. ² Other includes varieties not listed above, Aligote, Arneis, Auxerrois, Beta, Bianca, Carmine, Cascade, Catawba for Juice, Charonnel, Colobel, Dutchess, Einset, Espirit, Florental, Gamay Noir, Geisenheim, Glenora, JS-23416, King of the North, Louise Swenson, Marquis, Mars, Melody, Mourvedre, Muscat Ottonel, Norton, NY 73, NY 81, Pinot Blanc, Price, Regent, Rkatsiteli, Rougeon, Scheurebe, Semillon, Sheridan, Siegerrebe, Skujins 675, St. Pepin, Tannat, Touriga, Valvin Muscat, Vanessa, Villard Blanc, Villard Noir, Worden, Zinfandel and Zweigelt. ³ Grapes for wine is the sum of all Hybrid, all Vinifera and all Native American varieties excluding Catawba/Concord/Niagara acres maintained for Juice & other processing. ⁴ Grapes for juice is only the sum of Catawba/Concord/Niagara maintained primarily for juice & other processing.

Pennsylvania: Commercial Grapes – Bearing Acres Harvested, Production, Yield and Price by Variety, 2008

Variety	Bearing Acres Harvested	Bearing Acres Left Unharvested (for any reason)	Production	Average Yield	Average Price
	(acres)	(acres)	(tons)	(tons/acre)	(dollars per ton)
Aurora, W/H	1.3	0	5.5	4.23	1,300
Baco Noir, B/H	4.8	0	12.5	2.60	700
Cabernet Franc, B/V	114.1	0.8	608.0	5.33	1,585
Cabernet Sauvignon, B/V	62.8	4.8	282.3	4.5	1,676
Canadice, R/H	0.6	0.3	3.3	5.5	1,000
Catawba for Wine, R/N	168.2	12.7	1023.4	6.08	324
Cayuga, W/H	52.1	0.5	352.3	6.76	75
Chambourcin, B/H	125.0	4.9	613.2	4.91	905
Chancellor, B/H	14.2	0.2	72.0	5.07	752
Chardonnay, W/V	111.4	4.1	487.9	4.38	1,363
Chelois, B/H	2.3	0	7.9	3.43	1,000
Colobel, B/H	0.6	0	2.5	4.17	1,000
Concord for Juice / Other, B/N	7943.8	8.5	65280.6	8.22	243
Concord for Wine, B/N	1054.3	1.4	8796.2	8.34	323
Corot Noir, B/H	3.7	0	23.2	6.27	734
De Chaunac, B/H	13.8	3.9	69.4	5.03	682
Delaware, R/N	11.4	0.4	42.1	3.69	732
Dornfelder, B/V	1.6	0	5.8	3.62	1,190
Edelweiss, W/H	3.8	0	14.9	3.92	1,000
Fredonia, B/N	32.2	2.4	163.4	5.07	790
Frontenac, B/H	10.3	0.1	37.2	3.61	748
Gewurztraminer, W/V	7.3	0.2	18.9	2.59	1,272
Himrod, W/H	1.2	0	2.7	2.25	1,200
Landot, Not Specified, B/H	6.0	0.2	18.0	3.00	630
Lemberger, B/V	4.1	1.0	27.7	6.76	-
Leon Millot, B/H	5.6	5.4	26.8	4.79	698
Marechal Foch, B/H	17.6	2.0	63.9	3.63	701
Merlot, B/V	77.5	1.1	470.3	6.07	1,577
Niagara for Juice / Other, W/N	517.6	0.3	4302.7	8.31	299
Niagara for Wine, W/N	88.9	3.4	701.5	7.89	557
Noiret, B/H	7.8	1.7	14.2	1.82	1,253
Petit Verdot, B/V	2.0	0.4	8.7	4.35	1,967
Pinot Gris, W/V	27.3	1.1	115.8	4.24	1,808
Pinot Noir, B/V	33.0	0	109.5	3.32	1,461
Riesling, W/V	56.9	4.3	209.0	3.67	1,306
Sangiovese, B/V	5.8	0.7	47.0	8.10	2,100
Sauvignon Blanc, W/V	4.7	0	27.1	5.77	1,883
Seyval Blanc, W/H	62.8	0.4	279.3	4.45	663
Steuben, B/H	44.1	1.1	273.1	6.19	628
Syrah / Shiraz, B/V	15.8	0.3	51.0	3.23	1,530
Traminette, W/H	27.9	3.0	140.2	5.02	953
Vidal Blanc, W/H	107.1	6.6	569.6	5.32	714
Vignoles (Ravat 51), W/H	39.9	8.0	158.8	3.98	856
Viognier, W/V	7.8	0.1	39.0	5.00	1,617
Other ³	865.5	14.0	6,736.8	7.78	1,237
Hybrid Totals:					
Blue	272.3	19.7	1,275.3	4.68	910
Red	1.7	0.4	5.2	3.06	3,150
White	323.9	12.8	1,952.4	6.03	825
All Hybrid	597.9	32.9	3,232.9	5.41	928
Vinifera Totals:					
Blue	319.6	9.4	1,625.2	5.08	1,608
Red	-	-	-	-	-
White	223.5	11.0	917.9	4.11	1,483
All Vinifera	543.1	20.4	2,543.1	4.68	1,554
Native-American Totals:					
Blue	9,030.4	12.6	74,240.3	8.22	288
Red	190.6	13.1	1,075.4	5.64	405
White	608.0	4.2	5,011.8	8.24	360
All Native-American	9,829.0	29.9	80,327.5	8.17	319
Grapes for Wine:¹					
Blue	1,677.9	32.8	11,857.8	7.07	1,086
Red	179.6	13.1	1,065.5	5.93	408
White	624.4	32.5	3,196.0	5.12	1,048
All grapes for wine	2,481.9	78.4	16,119.3	6.49	1,021
Grapes for Juice:²					
Catawba	11.0	-	9.9	0.90	300
Concord	7,943.8	8.5	65,280.6	8.22	243
Niagara	517.6	0.3	4,302.7	8.31	299
All grapes for juice	8,472.4	8.8	69,593.2	8.21	259
Pennsylvania, Total	11,755.7	95.7	92,315.1	7.85	808

¹ Grapes for wine is the sum of all Hybrid, all Vinifera and all Native American varieties excluding Catawba/Concord/Niagara acres maintained for Juice & other processing. ² Grapes for juice is only the sum of Catawba/Concord/Niagara maintained primarily for juice & other processing. ³ Other varieties includes Alligote, Arneis, Auxerrois, Barbera, Beta, Bianca, Carmine, Cascade, Catawba for Juice / Other, Chardonnay, Dutchess, Einset, Elvira, Espirit, Florental, Gamay Noir, Geisenheim, Glenora, GR Seven, Gruner Veltliner, JS-23416, King of the North, La Crosse, Louise Swenson, Marquette, Marquis, Mars, Melody, Moore's Diamond, Mourvedre, Muscat Blanc, Muscat Ottonel, Norton (Cynthiana), NY 73, NY 81 031517, Pinot Blanc, Prairie Star, Price, Regent, Reliance, Rkatsiteli, Rougeon, Scheurebe, Semillon, Sheridan, Siegerrebe, Skujins 675, St. Croix, St. Pepin, St. Vincent, Tannat, Touriga, Valvin Muscat, Vanessa, Venus, Villard Blanc (Vitis), Villard Noir (Vitis), Worden, Zinfandel and Zweigelt and varieties not listed.

Pennsylvania: Commercial Grapes – Removal and Planting Intentions by Variety ¹

Variety	Acreage Intentions for 2009		Acreage Intentions for 2010		Acreage Intentions for 2011		Acreage Intentions for 2012		Acreage Intentions for 2013	
	Remove	Plant								
Aligote, W/V										
Arneis, W/V		0.7								
Aurora, W/H										
Auxerrois, W/V										
Baco Noir, B/H										
Barbera, B/V										
Beta, B/H										
Bianca, W/H										
Cabernet Franc, B/V	4.0	10.3		5.0		2.0		1.0		
Cabernet Sauvignon, B/V				1.6		0.5				
Canadice, R, H										
Carmine, B/V										
Cascade, B/H										
Catawba for Juice / Other, R/N										
Catawba for Wine, R/N										
Cayuga, W/H										0.5
Chambourcin, B/H	1.0	3.7		5.0	1.0	1.5				
Chancellor, B/H										
Chardonal, W/H										
Chardonnay, W/V		1.2	1.0	4.5		2.5				
Chelois, B/H										
Colobel, B/H										
Concord for Juice, B/N / Other	5.0	3.3	10.0	18.0		14.0				
Concord for Wine, B/N	1.0			0.5		0.5		0.5		
Corot Noir, B/H		1.8								
De Chaunac, B/H										0.5
Delaware, R/N										
Dornfelder, B/V				0.5		0.5				
Dutchess, W,N										
Edelweiss, W/H		0.6								
Einset, R/H										
Elvira, W/H										
Espirit, W/H										
Florental, B/H										
Fredonia, B/N		0.1								
Frontenac, B/H										0.5
Gamay Noir, B/V										
Geisenheim, W/V										
Gewurztraminer, W/V	2.0			2.5						
Glenora, B/H										
GR Seven, B/H										
Gruener Veltliner, W/V										
Himrod, W/H										
JS-23416, W/H										
King of the North, B/H										
La Crosse, W/H										
Landot, Not Specified, B/H										
Lemberger, B/V				2.0						
Leon Millot, B/H		2.0								
Louise Swenson, W/H										
Marechal Foch, B/H						0.5				
Marquette, B/H		0.8								
Marquis, W/H										
Mars, B/H										
Melody, W/H										
Merlot, B/V	3.0	1.0		2.5		1.1		1.1		1.0
Moore's Diamond, W/N										
Mourvedre, B/V										
Muscat Blanc, W/V		2.0		1.0						
Muscat Ottonel, W/V										
Niagara for Juice / Other, W/N		2.2	4.0		4.0					
Niagara for Wine, W/N	0.3	0.5		0.5				0.5		
Noiret, B/H		1.0		1.0		1.0		1.0		1.0
Norton (Cynthiana), B/H										
NY 73, B/H										
NY 81 031517, W/H										
Petit Verdot, B/V				2.0						
Pinot Blanc, W/V										
Pinot Gris, W/V		2.5		3.5						0.5
Pinot Noir, B/V		1.5		4.2		2.0				
Prairie Star, W/H										
Price, B/N										
Regent, B/H										
Reliance, R/H										

See footnote at end of table.

Pennsylvania: Commercial Grapes – Removal and Planting Intentions by Variety ¹, Con.

Variety	Acreage Intentions for 2009		Acreage Intentions for 2010		Acreage Intentions for 2011		Acreage Intentions for 2012		Acreage Intentions for 2013	
	Remove	Plant	Remove	Plant	Remove	Plant	Remove	Plant	Remove	Plant
Riesling, W/V		8.0	0.3	6.5	10.3					
Rkatsiteli, W/V										
Rougeon, B/H										
Sangiovese, B/V			1.0							
Sauvignon Blanc, W/V		5.5								
Scheurebe, W/H										
Semillion, W/V										
Seyval Blanc, W/H		4.0	0.3		0.3					
Sheridan, B/N										
Siegenerbe, W/V										
Skujins 675, W/H										
St. Croix, B/H										
St. Pepin, W/H		1.6								
St. Vincent, B/H										
Steuben, B/H										
Syrah / Shiraz, B/V		0.7								
Tannat, B/V										
Touriga, B/V										
Traminette, W/H		3.6		0.6		2.0		1.0		1.0
Valvin Muscat, W/H		1.0								
Vanessa, R/H										
Venus, B/H										
Vidal Blanc, W/H		2.5				4.0				
Vignoles (Ravat 51), W/H		2.5		1.8		0.3				
Villard Blanc (Vitis), W/H										
Villard Noir (Vitis), B/H										
Viognier, W/V				1.0						
Worden, B/H										
Zinfandel, B/V										
Zweigelt, B/V										
Other Varieties		5.0		1.5						
Hybrid Totals:										
Blue	1.0	9.3		6.0	1.0	3.0		1.0		2.0
Red										
White		15.8	0.3	2.4	0.3	6.3		1.0		1.5
Total	1.0	25.1	0.3	8.4	1.3	9.3		2.0		3.5
Vinifera Totals:										
Blue	7.0	13.5	1.0	17.8		6.1		2.1		1.0
Red										
White	2.0	19.9	1.3	19.0	10.3	2.5				0.5
Total	9.0	33.4	2.3	36.8	10.3	8.6		2.1		1.5
Native-American Totals:										
Blue	6.0	3.4	10.0	18.5		14.5		0.5		
Red										
White	0.3	2.7	4.0	0.5	4.0			0.5		
Total	6.3	6.1	14.0	19.0	4.0	14.5		1.0		
Grapes for Wine: ²										
Blue	9.0	22.9	1.0	24.3	1.0	9.6		3.6		3.0
Red										
White	2.3	36.2	1.6	21.9	10.6	8.8		1.5		2.0
All grapes for wine	11.3	59.1	2.6	46.2	11.6	18.4		5.1		5.0
Grapes for Juice: ³										
Catawba										
Concord	5.0	3.3	10.0	18.0		14.0				
Niagara		2.2	4.0		4.0					
All grapes for juice	5.0	5.5	14.0	18.0	4.0	14.0				
Pennsylvania	16.3	69.6	16.6	65.7	15.6	32.4		5.1		5.0

¹ Planting and removal intentions are a summarization of actual reports only. There was no estimation made for non-responding farms. ² Grapes for wine is the sum of all Hybrid and all Vinifera varieties plus Native American varieties excluding Catawba/Concord/Niagara primarily maintained for Juice & other processing. ³ Grapes for juice is only the sum of Catawba/Concord/Niagara maintained primarily for juice & other processing.

Pennsylvania: Commercial Grapes – Acres by Rootstock, 2008 ¹

Rootstock	Acres	Percent of Acres Reported
OWN-ROOTED	4307.1	87.7
<u>PHYLLOXERA-RESISTANT</u>		
101-14	235.0	4.8
1616	.5	
3309	303.1	6.2
420A	0	
44-53	2.2	
5C	15.8	.3
Riparia Gloire	10.8	.2
SO4	30.9	.6
Other, not listed above ²	7.8	.2
Total Reported in Pennsylvania	4913.2	

¹ Rootstock is a summarization of actual reports only. There was no estimation made for non-responding farms.

² Other includes 140R, 1613, 5BB, and Salt Creek.

