

2019
PENNSYLVANIA
FACT BOOK

**A statistical guide to the
Thoroughbred industry
in Pennsylvania**



Prepared by The Jockey Club

Preface

This report has been compiled as an industry service by The Jockey Club with the intent of shedding some statistical light on the Thoroughbred industry in PENNSYLVANIA and, in particular, trends that have evolved over the past two decades. It contains sections on breeding, racing and auction sales. Statistics within the breeding section and those pertaining to racing performance by foaling year are updated on a regular basis. Statistics contained herein are provided courtesy of The Jockey Club, The Jockey Club Information Systems Inc. and Equibase Company LLC. Information pertaining to stallions, mares bred and foal crops are maintained in The Jockey Club's pedigree database and reflect information submitted to the Registry by owners and breeders throughout North America as of the date listed on the page. Information pertaining to races, purses, starters, starts and field size are maintained in the Equibase Company database as collected and reported by chartcallers at tracks throughout North America. Information pertaining to the number of weanlings, yearlings and 2-year-olds sold at auction, gross sales, average price and median price are maintained in the equineline.com database of The Jockey Club Information Systems. Since 2005, Canadian purses have been converted to their equivalent amount in U.S. funds.

Many other statistics about the Thoroughbred industry can be found in The Jockey Club's Online Fact Book (jockeyclub.com/factbook.asp). The Jockey Club is dedicated to the improvement of Thoroughbred breeding and racing and serves as the breed registry for North American Thoroughbreds.

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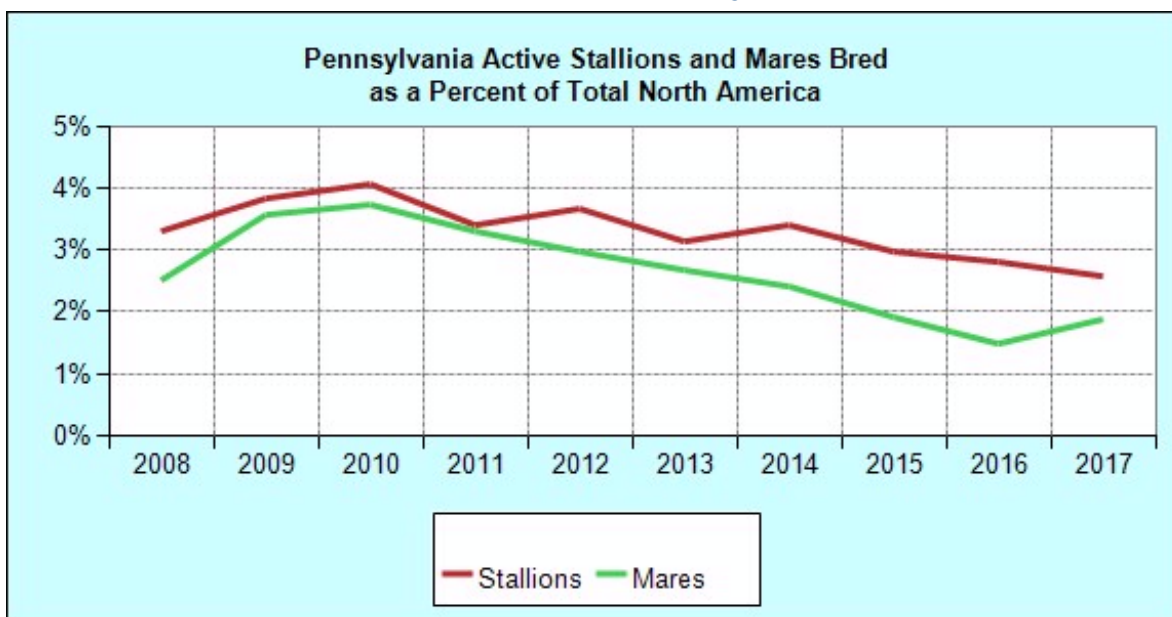
Bred (Area Foaled): The term "bred" is sometimes used to describe the location where a foal was born, e.g., Kentucky bred (born in Kentucky) or New York bred (born in New York).

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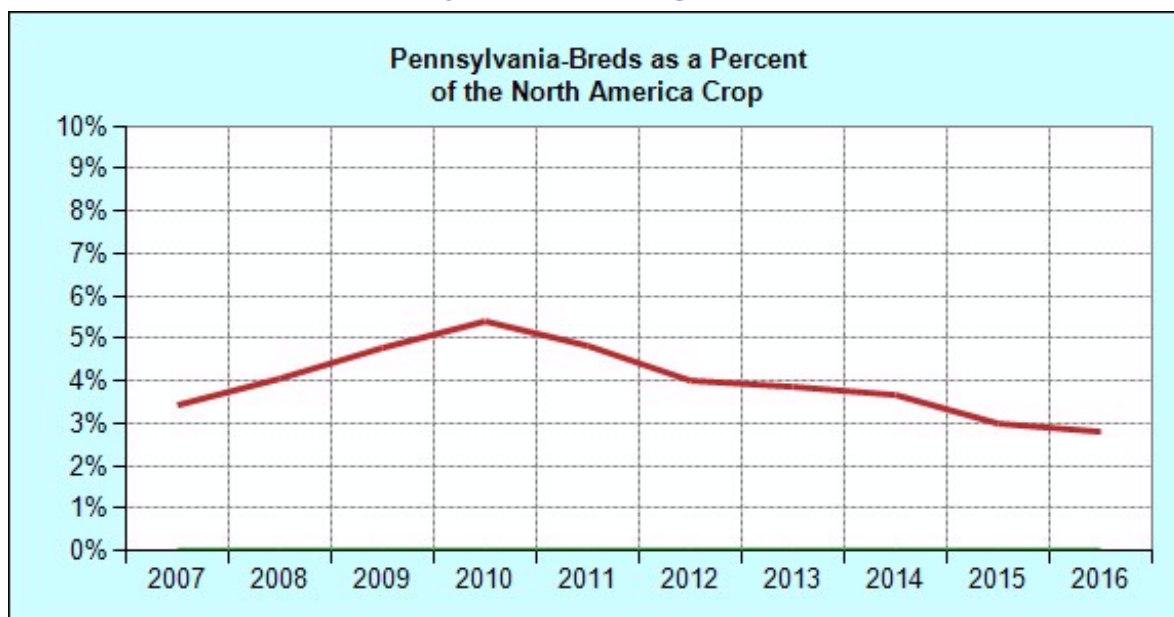
Annual Mares Bred to Pennsylvania Stallions



Year	Mares Bred	Pct. of NA	Stallions	Pct. of NA	Avg. Book Size	Avg. NA Book Size
1997	851	1.4	135	2.6	6.3	11.5
1998	895	1.5	120	2.4	7.5	12.1
1999	992	1.6	124	2.6	8.0	12.7
2000	1,016	1.6	123	2.6	8.3	13.5
2001	976	1.5	117	2.5	8.3	13.7
2002	1,026	1.6	109	2.4	9.4	14.1
2003	1,027	1.6	121	2.7	8.5	14.2
2004	1,027	1.6	120	2.7	8.6	14.6
2005	1,210	1.9	129	3.1	9.4	15.1
2006	1,159	1.8	122	3.0	9.5	15.5
2007	1,173	1.9	106	2.8	11.1	15.8
2008	1,414	2.5	120	3.3	11.8	15.6
2009	1,753	3.6	128	3.8	13.7	14.8
2010	1,650	3.7	126	4.1	13.1	14.2
2011	1,313	3.3	95	3.4	13.8	14.2
2012	1,118	3.0	94	3.7	11.9	14.7
2013	971	2.7	73	3.1	13.3	15.6
2014	905	2.4	77	3.4	11.8	16.6
2015	707	1.9	59	3.0	12.0	18.7
2016	529	1.5	49	2.8	10.8	20.4
2017	629	1.9	41	2.6	15.3	21.0

Figures as of 01/01/2019

Annual Pennsylvania Registered Foal Crop



Crop Year	Pennsylvania	North America	Pct. of NA Crop
1996	846	35,366	2.4
1997	898	35,143	2.6
1998	918	36,021	2.5
1999	978	36,929	2.6
2000	923	37,755	2.4
2001	914	37,901	2.4
2002	873	35,978	2.4
2003	1,039	37,067	2.8
2004	984	37,949	2.6
2005	1,257	38,365	3.3
2006	1,266	38,104	3.3
2007	1,281	37,499	3.4
2008	1,432	35,274	4.1
2009	1,540	32,364	4.8
2010	1,534	28,419	5.4
2011	1,197	24,939	4.8
2012	946	23,538	4.0
2013	897	23,242	3.9
2014	840	22,968	3.7
2015	684	22,936	3.0
2016	631	22,500 *	2.8

* Estimated figure

Figures as of 01/01/2019

Foaling Area of Pennsylvania-Sired Registered Foals

Crop Year

Foaling Area	2016	2015	2014	2013	2012
PA	309	363	425	478	523
MD	56	55	47	69	38
NY	8	6	13	17	12
NJ	7	16	21	14	26
WV	4	10	9	31	22
KY	3	4	12	11	11
IA	2	0	2	0	0
AR	2	1	0	1	1
SC	2	0	1	0	1
IN	1	0	10	2	0
DE	1	1	0	0	1
FL	1	7	5	4	3
OH	1	7	4	11	8
OK	1	0	0	0	0
ON	0	0	2	2	0
MI	0	0	1	1	0
MN	0	0	1	1	1
MO	0	0	0	0	1
CA	0	0	1	0	11
IL	0	0	1	0	0
LA	0	1	1	1	2
MA	0	0	0	0	3
MB	0	1	0	0	0
TN	0	0	1	1	0
VA	0	1	7	10	11
WA	0	0	0	1	0
Total	398	473	564	655	675

Note: Figures include only foals born in the U.S., Canada and Puerto Rico.
 Ranked by number of registered foals in 2016
 Figures as of 01/01/2019

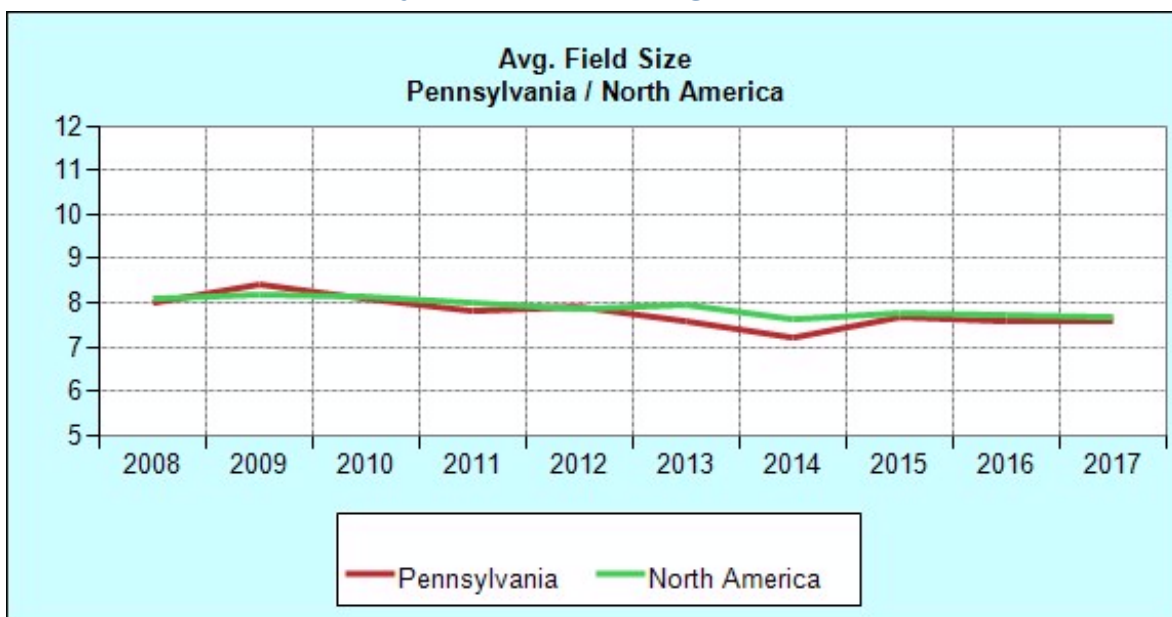
Conception Area of Pennsylvania-Bred Registered Foals

Crop Year

Conception Area	2016	2015	2014	2013	2012
PA	309	363	425	478	523
KY	213	212	294	300	292
MD	55	62	62	53	63
NY	35	26	28	35	22
FL	8	9	16	18	21
WV	5	2	6	2	7
NJ	3	2	2	5	7
MI	3	5	6	1	6
LA	0	0	0	1	2
IL	0	0	0	1	0
IN	0	0	0	0	2
CA	0	1	0	0	0
OH	0	2	0	0	0
ON	0	0	1	3	0
Total	631	684	840	897	945

Note: Figures include only foals conceived in the U.S., Canada and Puerto Rico and where the conception area is known. Ranked by number of registered foals in 2016. Figures as of 01/01/2019

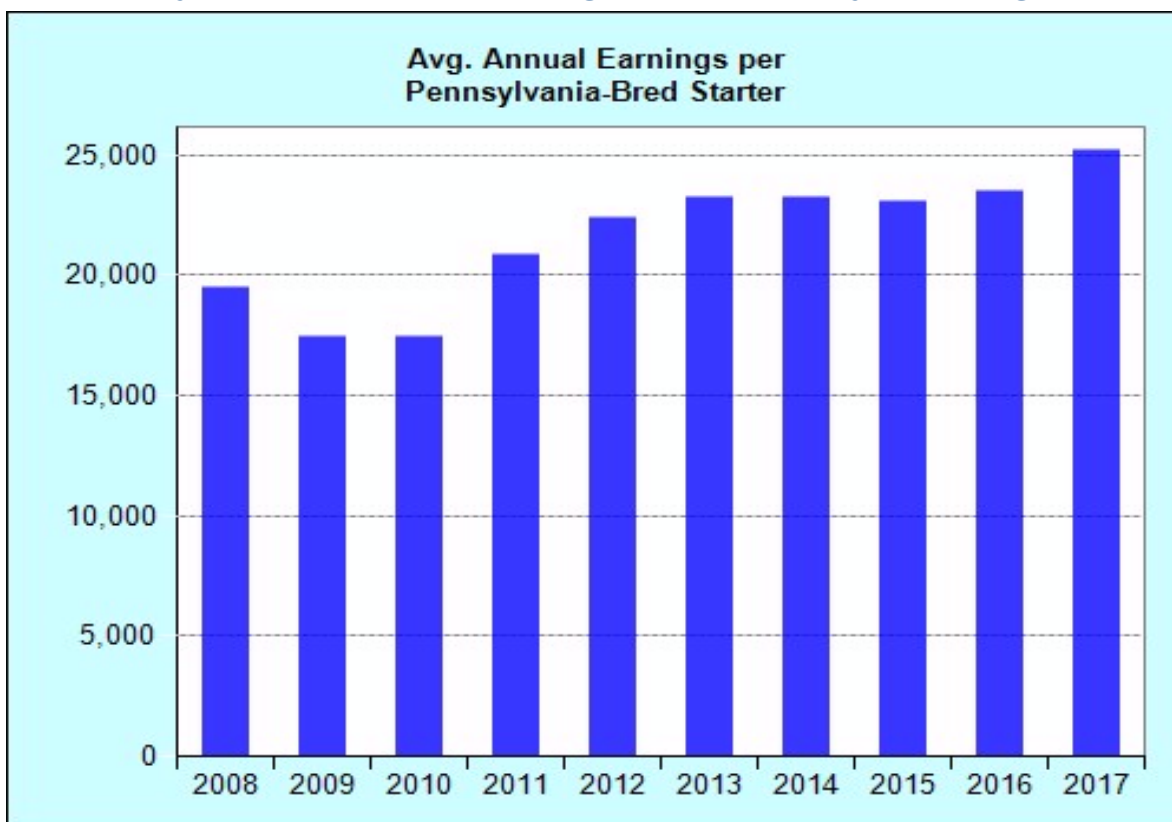
Pennsylvania Racing Overview



Year	Races	Purses	Starters	Starts	Race Days	Avg. Field Size	Avg. Purse per Race
1997	4,166	41,547,849	6,011	33,190	434	8.0	9,973
1998	4,157	43,440,043	5,888	31,960	430	7.7	10,450
1999	3,528	41,437,720	5,650	27,450	377	7.8	11,745
2000	3,886	49,336,506	5,918	28,680	417	7.4	12,696
2001	3,992	50,872,129	6,364	31,207	428	7.8	12,744
2002	3,844	47,429,957	6,215	30,598	415	8.0	12,339
2003	3,851	45,735,528	6,398	31,460	411	8.2	11,876
2004	3,825	47,629,851	6,683	31,355	415	8.2	12,452
2005	3,681	49,313,407	6,278	30,348	402	8.2	13,397
2006	3,374	42,905,234	5,460	26,978	367	8.0	12,716
2007	3,748	76,277,854	7,400	30,214	408	8.1	20,352
2008	4,427	110,225,084	9,256	35,409	498	8.0	24,898
2009	4,585	115,231,435	9,867	38,421	511	8.4	25,132
2010	4,519	116,402,057	9,414	36,696	501	8.1	25,758
2011	4,464	123,470,108	8,723	34,761	502	7.8	27,659
2012	4,459	127,991,065	8,359	35,294	499	7.9	28,704
2013	4,350	115,572,131	7,453	32,903	495	7.6	26,568
2014	4,211	107,333,140	6,758	30,307	489	7.2	25,489
2015	3,950	108,865,233	6,909	30,315	472	7.7	27,561
2016	3,779	104,701,904	6,571	28,854	450	7.6	27,706
2017	3,776	98,663,461	6,325	28,771	452	7.6	26,129

Note: Purses represent all available money, including monies not won and returned to state breeder or other funds.

Pennsylvania-Bred Racing Statistics by Racing Year



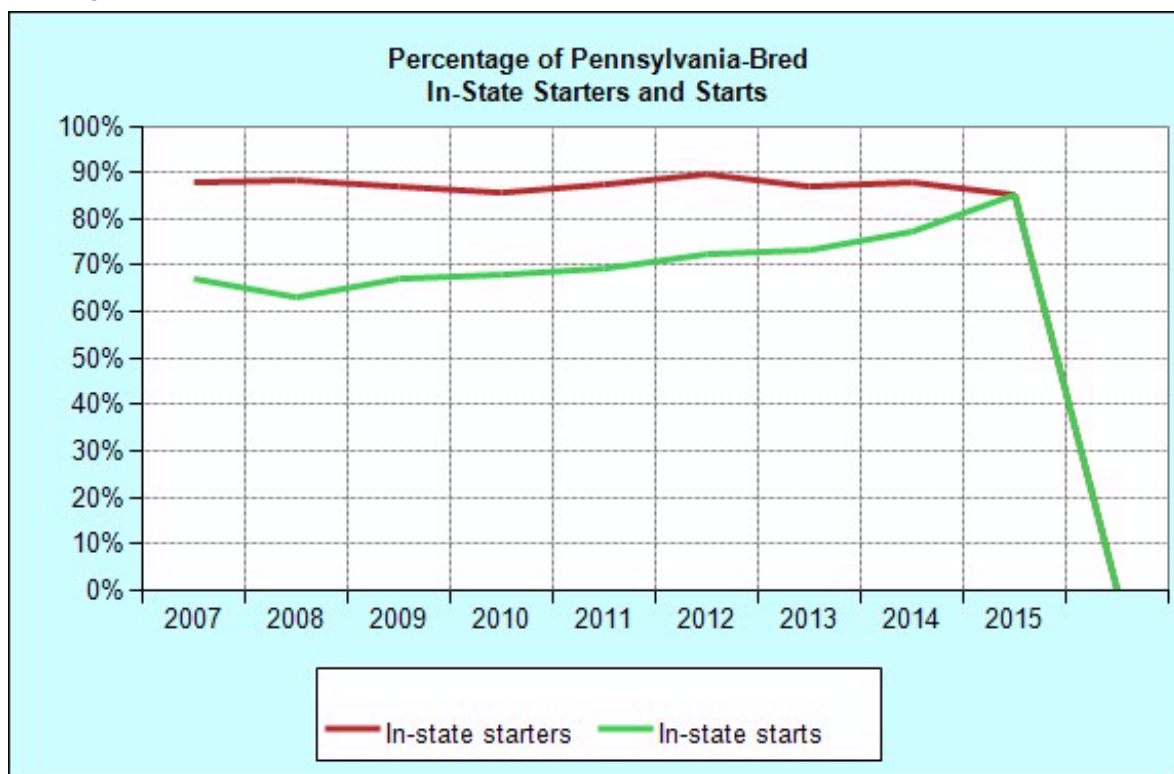
Racing Year	Starters	Starts	Earnings	Avg. Earnings per Starter	Avg. Starts per Starter
1997	1,556	12,713	19,972,043	12,836	8.2
1998	1,541	12,298	21,689,812	14,075	8.0
1999	1,594	12,623	23,357,739	14,654	7.9
2000	1,730	13,411	26,755,044	15,465	7.8
2001	1,803	13,734	28,747,296	15,944	7.6
2002	1,823	13,597	28,904,094	15,855	7.5
2003	1,774	13,125	24,492,350	13,806	7.4
2004	1,784	12,723	31,547,944	17,684	7.1
2005	1,821	12,432	24,605,933	13,512	6.8
2006	1,761	11,799	26,517,631	15,058	6.7
2007	1,915	12,570	39,819,697	20,794	6.6
2008	2,069	13,128	40,366,678	19,510	6.4
2009	2,241	14,263	39,094,830	17,445	6.4
2010	2,327	14,697	40,596,760	17,446	6.3
2011	2,427	15,265	50,590,363	20,845	6.3
2012	2,614	17,501	58,626,975	22,428	6.7
2013	2,738	18,612	63,770,925	23,291	6.8
2014	2,679	18,521	62,230,557	23,229	6.9
2015	2,506	17,181	57,751,110	23,045	6.9
2016	2,297	15,395	53,938,825	23,482	6.7
2017	2,055	14,646	51,774,004	25,194	7.1

Pennsylvania-Bred Racing Statistics by Foaling Year

Foaling Year	Reg. Foals	Starters	Lifetime Starts	Lifetime Earnings	Avg. Earnings per Starter	Avg. Starts per Starter
1996	846	579	13,146	26,508,215	45,783	22.7
1997	898	597	13,215	26,301,886	44,057	22.1
1998	918	630	13,250	25,646,551	40,709	21.0
1999	978	671	13,960	27,727,098	41,322	20.8
2000	923	652	12,893	24,238,184	37,175	19.8
2001	914	616	11,513	31,944,411	51,858	18.7
2002	873	610	10,972	24,650,353	40,410	18.0
2003	1,039	695	12,612	35,766,949	51,463	18.1
2004	984	677	11,470	35,805,267	52,888	16.9
2005	1,257	863	15,397	43,213,861	50,074	17.8
2006	1,266	863	13,985	40,106,533	46,473	16.2
2007	1,281	881	15,585	45,166,846	51,268	17.7
2008	1,432	994	17,760	56,917,096	57,261	17.9
2009	1,540	1,084	19,905	64,673,805	59,662	18.4
2010	1,534	1,067	19,286	70,458,483	66,034	18.1
2011	1,199	871	14,181	52,841,776	60,668	16.3
2012	946	695	9,523	35,660,094	51,309	13.7
2013	897	692	9,092	37,005,073	53,476	13.1
2014	840	622	8,070	31,675,149	50,925	13.0
2015	684	430	3,620	16,866,484	39,224	8.4
2016	631	198	666	3,843,461	19,411	3.4

Figures as of 01/01/2019

Pennsylvania-Bred Starters and Starts: In-State/Out-of-State



Foaling Year	Total Starters	In-State Starters	Pct. of In-State Starters	Total Starts	In-State Starts	Pct. of In-State Starts
1996	579	501	86.5	13,146	8,551	65.0
1997	597	519	86.9	13,215	8,763	66.3
1998	630	541	85.9	13,250	9,014	68.0
1999	671	572	85.2	13,960	9,569	68.5
2000	652	553	84.8	12,893	8,841	68.6
2001	616	543	88.1	11,513	8,174	71.0
2002	610	528	86.6	10,972	7,482	68.2
2003	695	603	86.8	12,612	8,226	65.2
2004	677	596	88.0	11,470	7,930	69.1
2005	863	773	89.6	15,397	10,417	67.7
2006	863	754	87.4	13,985	9,183	65.7
2007	881	773	87.7	15,585	10,426	66.9
2008	994	878	88.3	17,760	11,212	63.1
2009	1,084	943	87.0	19,905	13,377	67.2
2010	1,067	912	85.5	19,286	13,142	68.1
2011	871	761	87.4	14,181	9,808	69.2
2012	695	624	89.8	9,523	6,909	72.6
2013	692	603	87.1	9,092	6,671	73.4
2014	577	506	87.7	5,353	4,129	77.1
2015	267	227	85.0	1,112	946	85.1

Note: In-state starters include any Thoroughbred that made at least one start in its native state.

Figures as of 01/01/2019

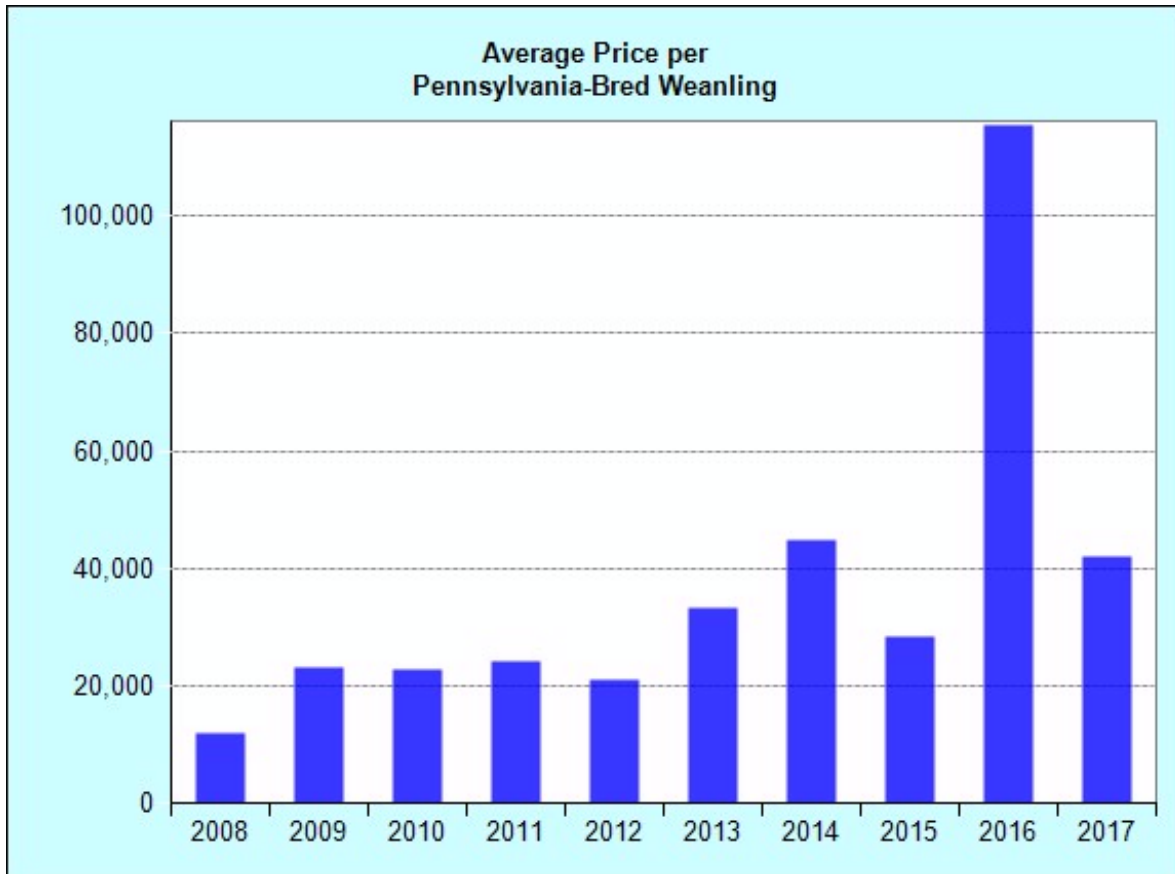
Percentage of Pennsylvania-Bred Earnings by Racing Area

Racing Year

Racing Area	2017	2016	2015	2014	2013
PA	74.09%	71.98%	74.11%	72.57%	69.07%
MD	4.42%	6.10%	4.80%	5.21%	5.60%
NY	4.29%	2.69%	3.40%	5.31%	4.79%
CA	2.94%	3.56%	1.84%	1.07%	1.35%
DE	2.52%	2.52%	2.27%	2.08%	2.85%
FL	1.72%	2.24%	2.05%	2.08%	1.95%
WV	1.63%	2.76%	2.88%	3.91%	4.74%
KY	1.52%	1.48%	2.82%	1.59%	2.59%
OH	1.30%	1.11%	1.27%	1.38%	1.05%
NJ	1.05%	0.92%	0.88%	1.58%	1.72%
AR	0.66%	0.71%	0.33%	0.33%	0.27%
ON	0.60%	0.85%	0.41%	0.26%	0.31%
LA	0.48%	0.72%	0.52%	0.37%	0.12%
MA	0.37%	0.01%	0.06%	0.31%	0.28%
TX	0.32%	0.05%	0.02%	0.09%	0.10%
NM	0.22%	0.13%	0.18%	0.14%	0.05%
MI	0.19%	0.08%	0.08%	0.10%	0.03%
AB	0.18%	0.11%	0.01%	0.00%	0.02%
PR	0.18%	0.30%	0.15%	0.03%	0.07%
VA	0.16%	0.12%	0.17%	0.09%	0.47%
OK	0.16%	0.15%	0.07%	0.07%	0.03%
SC	0.15%	0.08%	0.11%	0.18%	0.10%
IN	0.12%	0.06%	0.31%	0.16%	0.36%
AZ	0.11%	0.10%	0.16%	0.09%	0.10%
IL	0.09%	0.43%	0.27%	0.27%	1.15%
BC	0.08%	0.05%	0.01%	0.00%	0.12%
IA	0.08%	0.10%	0.15%	0.06%	0.08%
MN	0.05%	0.11%	0.26%	0.05%	0.11%
GA	0.03%	0.02%	0.02%	0.05%	0.03%
NC	0.03%	0.04%	0.04%	0.02%	0.06%
WA	0.03%	0.00%	0.00%	0.00%	0.00%
SK	0.02%	0.01%	0.00%	0.00%	0.00%
CO	0.02%	0.05%	0.06%	0.09%	0.06%
NE	0.02%	0.04%	0.03%	0.02%	0.01%
MB	0.01%	0.03%	0.03%	0.08%	0.14%
TN	0.01%	0.09%	0.05%	0.19%	0.06%

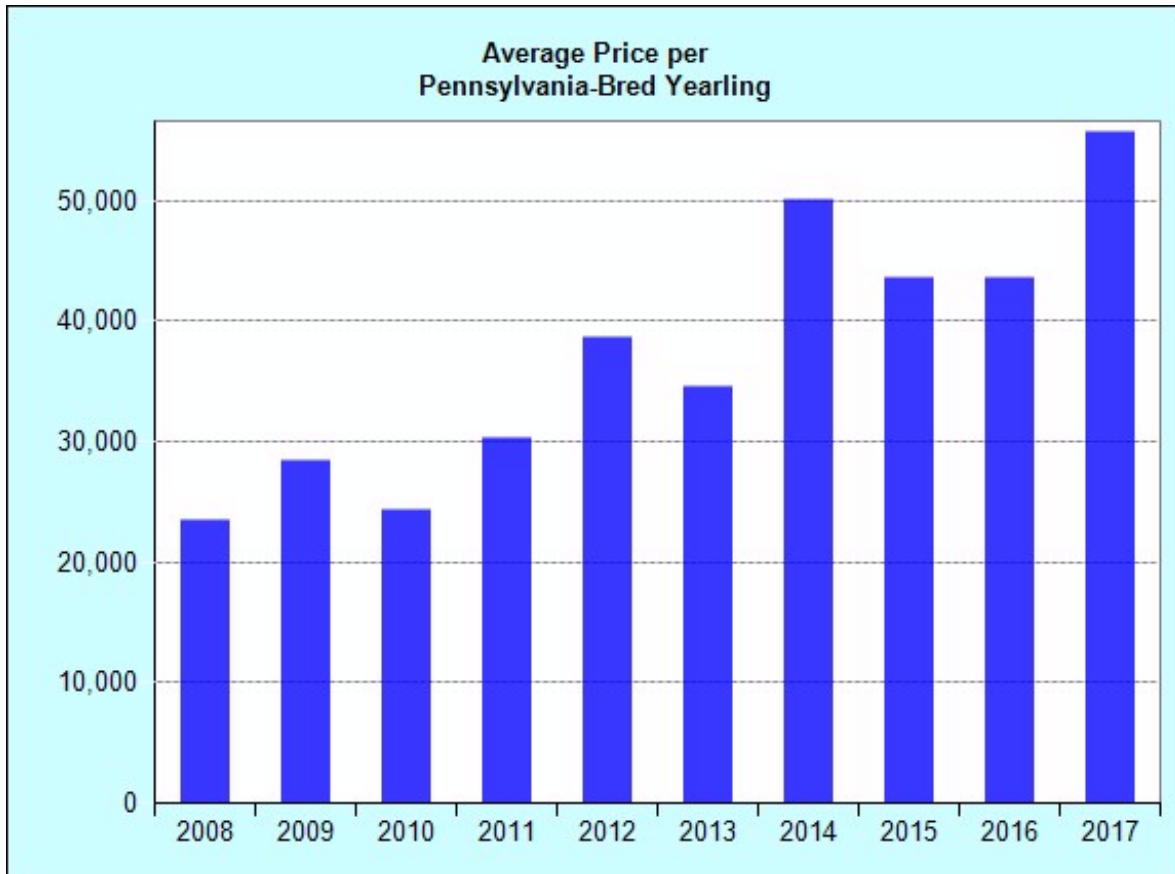
Ranked by percentage of total earnings in 2017

Auction Results for Pennsylvania-Bred Weanlings



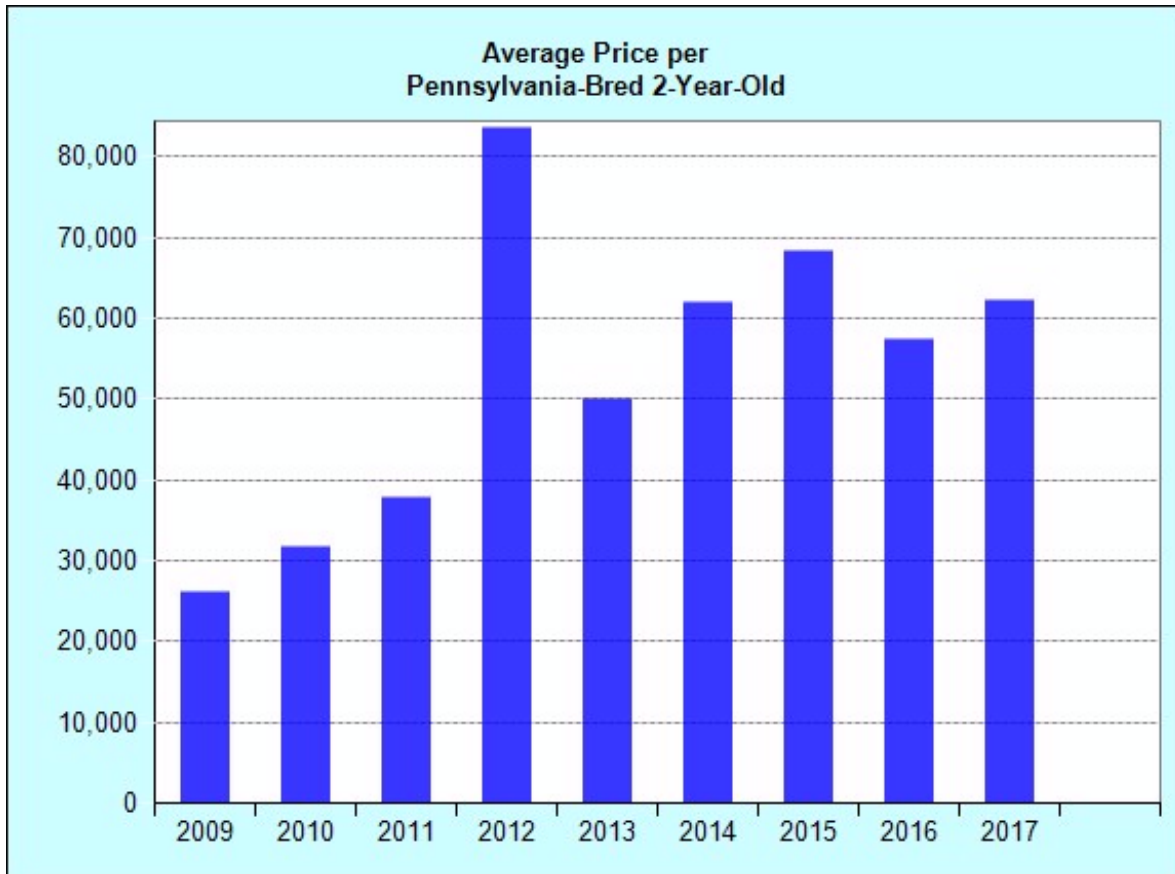
Sale Year	# Sold	Pct. Change	Gross Sales	Pct. Change	Avg. Price	Pct. Change	Median Price	Pct. Change
1997	28	0.0	905,600	0.0	32,343	0.0	8,850	0.0
1998	35	25.0	413,400	-54.4	11,811	-63.5	6,500	-26.6
1999	40	14.3	386,600	-6.5	9,665	-18.2	5,000	-23.1
2000	52	30.0	761,900	97.1	14,652	51.6	4,350	-13.0
2001	58	11.5	972,100	27.6	16,760	14.4	4,350	0.0
2002	23	-60.3	223,700	-77.0	9,726	-42.0	5,000	14.9
2003	34	47.8	484,200	116.5	14,241	46.4	4,600	-8.0
2004	61	79.4	790,000	63.2	12,951	-9.1	6,000	30.4
2005	55	-9.8	801,400	1.4	14,571	12.5	7,500	25.0
2006	54	-1.8	956,300	19.3	17,709	21.5	6,000	-20.0
2007	78	44.4	1,539,250	61.0	19,734	11.4	8,250	37.5
2008	63	-19.2	742,650	-51.8	11,788	-40.3	4,000	-51.5
2009	37	-41.3	852,350	14.8	23,036	95.4	7,500	87.5
2010	70	89.2	1,596,000	87.3	22,800	-1.0	4,500	-40.0
2011	43	-38.6	1,039,400	-34.9	24,172	6.0	10,000	122.2
2012	37	-14.0	781,600	-24.8	21,124	-12.6	13,000	30.0
2013	44	18.9	1,457,100	86.4	33,116	56.8	23,500	80.8
2014	48	9.1	2,143,000	47.1	44,646	34.8	16,000	-31.9
2015	21	-56.3	597,500	-72.1	28,452	-36.3	20,000	25.0
2016	20	-4.8	2,307,200	286.1	115,360	305.5	14,000	-30.0
2017	19	-5.0	794,900	-65.6	41,837	-63.7	10,000	-28.6

Auction Results for Pennsylvania-Bred Yearlings



Sale Year	# Sold	Pct. Change	Gross Sales	Pct. Change	Avg. Price	Pct. Change	Median Price	Pct. Change
1997	97	0.0	3,559,089	0.0	36,692	0.0	12,500	0.0
1998	113	16.5	5,663,800	59.1	50,122	36.6	8,000	-36.0
1999	132	16.8	5,487,300	-3.1	41,570	-17.1	8,000	0.0
2000	134	1.5	4,121,875	-24.9	30,760	-26.0	8,250	3.1
2001	164	22.4	7,937,529	92.6	48,400	57.4	5,500	-33.3
2002	124	-24.4	4,874,750	-38.6	39,312	-18.8	8,000	45.5
2003	149	20.2	7,843,900	60.9	52,644	33.9	14,500	81.3
2004	155	4.0	8,058,700	2.7	51,992	-1.2	12,000	-17.2
2005	141	-9.0	4,939,150	-38.7	35,029	-32.6	12,000	0.0
2006	212	50.4	7,950,650	61.0	37,503	7.1	15,000	25.0
2007	215	1.4	10,002,600	25.8	46,524	24.1	13,000	-13.3
2008	220	2.3	5,169,550	-48.3	23,498	-49.5	9,000	-30.8
2009	226	2.7	6,442,400	24.6	28,506	21.3	6,750	-25.0
2010	276	22.1	6,747,900	4.7	24,449	-14.2	9,000	33.3
2011	232	-15.9	7,050,225	4.5	30,389	24.3	12,000	33.3
2012	193	-16.8	7,472,600	6.0	38,718	27.4	15,000	25.0
2013	170	-11.9	5,888,300	-21.2	34,637	-10.5	20,000	33.3
2014	195	14.7	9,778,400	66.1	50,146	44.8	15,000	-25.0
2015	160	-18.0	6,976,800	-28.7	43,605	-13.0	15,000	0.0
2016	122	-23.8	5,327,100	-23.7	43,665	0.1	17,500	16.7
2017	127	4.1	7,067,900	32.7	55,653	27.5	17,000	-2.9

Auction Results for Pennsylvania-Bred 2-Year-Olds



Sale Year	# Sold	Pct. Change	Gross Sales	Pct. Change	Avg. Price	Pct. Change	Median Price	Pct. Change
1997	34	0.0	1,980,000	0.0	58,235	0.0	22,000	0.0
1998	34	0.0	1,192,601	-39.8	35,076	-39.8	20,000	-9.1
1999	31	-8.8	1,972,459	65.4	63,628	81.4	22,000	10.0
2000	49	58.1	2,230,600	13.1	45,522	-28.5	15,000	-31.8
2001	30	-38.8	841,200	-62.3	28,040	-38.4	9,500	-36.7
2002	33	10.0	1,089,600	29.5	33,018	17.8	16,000	68.4
2003	29	-12.1	970,700	-10.9	33,472	1.4	20,000	25.0
2004	27	-6.9	1,730,100	78.2	64,078	91.4	40,000	100.0
2005	53	96.3	3,410,350	97.1	64,346	0.4	20,000	-50.0
2006	29	-45.3	1,217,600	-64.3	41,986	-34.8	25,000	25.0
2007	95	227.6	4,248,425	248.9	44,720	6.5	16,000	-36.0
2008	72	-24.2	3,952,550	-7.0	54,897	22.8	13,750	-14.1
2009	73	1.4	1,920,700	-51.4	26,311	-52.1	12,000	-12.7
2010	56	-23.3	1,777,400	-7.5	31,739	20.6	19,000	58.3
2011	88	57.1	3,333,150	87.5	37,877	19.3	20,500	7.9
2012	77	-12.5	6,432,200	93.0	83,535	120.5	26,000	26.8
2013	67	-13.0	3,361,700	-47.7	50,175	-39.9	32,000	23.1
2014	59	-11.9	3,665,100	9.0	62,120	23.8	37,000	15.6
2015	57	-3.4	3,892,000	6.2	68,281	9.9	27,000	-27.0
2016	47	-17.5	2,702,200	-30.6	57,494	-15.8	20,000	-25.9
2017	30	-36.2	1,871,000	-30.8	62,367	8.5	45,000	125.0