

**2023**  
**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](http://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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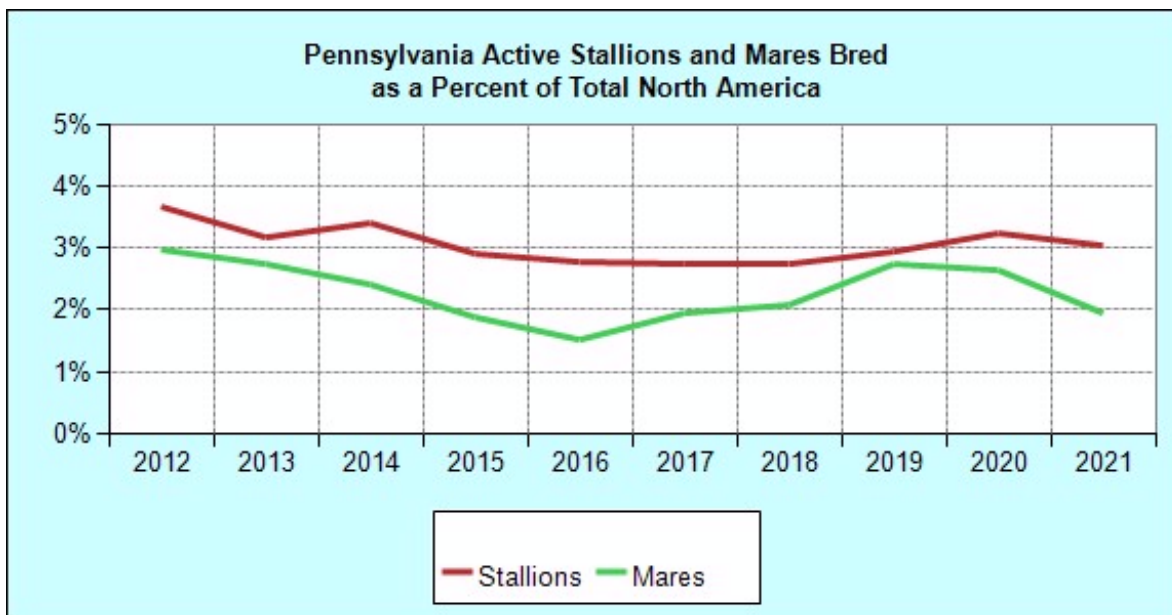
*Bred (Area Foaled): The term "bred" is sometimes used to describe the location where a foal was born, e.g., Kentucky bred (born in Kentucky) or New York bred (born in New York).*

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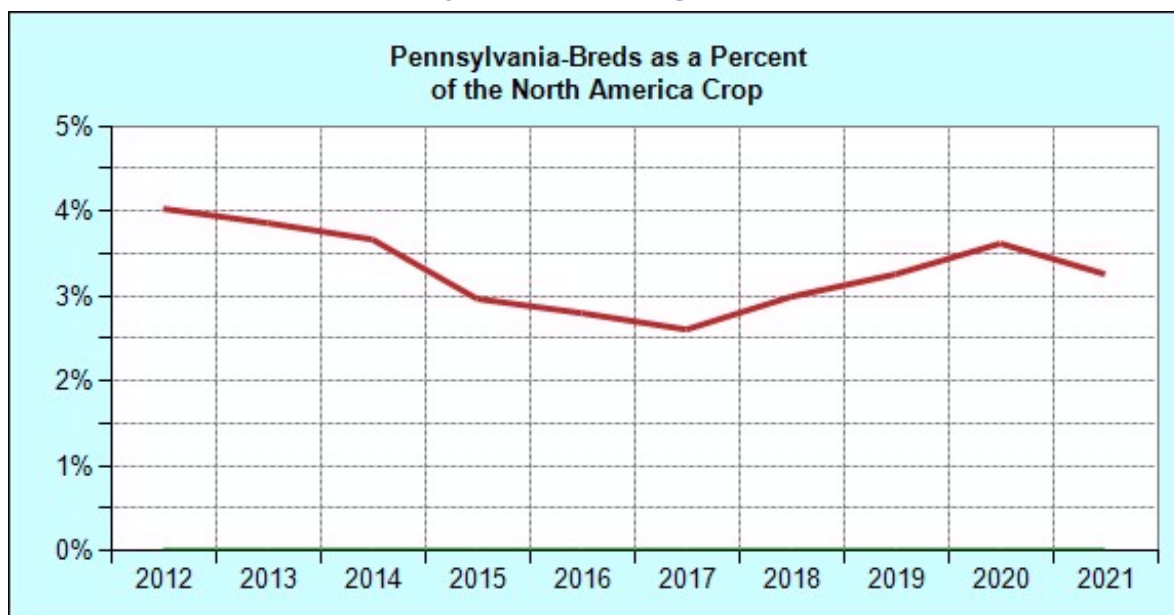
## Annual Mares Bred to Pennsylvania Stallions



Year	Mares Bred	Pct. of NA	Stallions	Pct. of NA	Avg. Book Size	Avg. NA Book Size
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	1,782	3.6	128	3.8	13.9	14.9
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	1,017	2.7	76	3.2	13.4	15.5
2014	907	2.4	78	3.4	11.6	16.5
2015	708	1.9	60	2.9	11.8	18.1
2016	554	1.5	55	2.8	10.1	18.4
2017	681	2.0	52	2.7	13.1	18.2
2018	684	2.1	48	2.7	14.3	18.7
2019	868	2.7	49	2.9	17.7	18.9
2020	796	2.7	50	3.2	15.9	19.4
2021	571	2.0	41	3.0	13.9	21.7
2022	437	1.6	31	2.9	14.1	25.9

Figures as of 03/01/2023

## Annual Pennsylvania Registered Foal Crop



Crop Year	Pennsylvania	North America	Pct. of NA Crop
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	28,420	5.4
2011	1,197	24,941	4.8
2012	946	23,542	4.0
2013	897	23,248	3.9
2014	841	23,001	3.7
2015	684	23,046	3.0
2016	634	22,680	2.8
2017	581	22,251	2.6
2018	635	21,273	3.0
2019	667	20,488	3.3
2020	742	20,500	3.6
2021	625	19,200 *	3.3

\* Estimated figure

Figures as of 03/01/2023

## Foaling Area of Pennsylvania-Sired Registered Foals

### Crop Year

Foaling Area	2021	2020	2019	2018	2017
PA	367	419	301	311	253
MD	43	40	26	41	26
WV	12	20	12	18	8
NY	8	4	2	1	6
NJ	7	13	6	5	3
LA	4	1	0	1	0
CA	3	6	0	1	0
FL	3	2	2	6	8
OH	2	3	3	2	1
VA	2	1	1	0	6
KY	1	7	1	0	3
TX	1	0	1	1	0
MN	1	0	0	0	0
NM	0	1	1	1	0
IA	0	0	0	0	1
DE	0	0	0	0	1
AB	0	0	0	0	1
AL	0	1	0	0	0
OK	0	3	0	0	0
ON	0	2	1	0	0
<b>Total</b>	<b>454</b>	<b>523</b>	<b>357</b>	<b>388</b>	<b>317</b>

Note: Figures include only foals born in the U.S., Canada and Puerto Rico.  
 Ranked by number of registered foals in 2021  
 Figures as of 03/01/2023

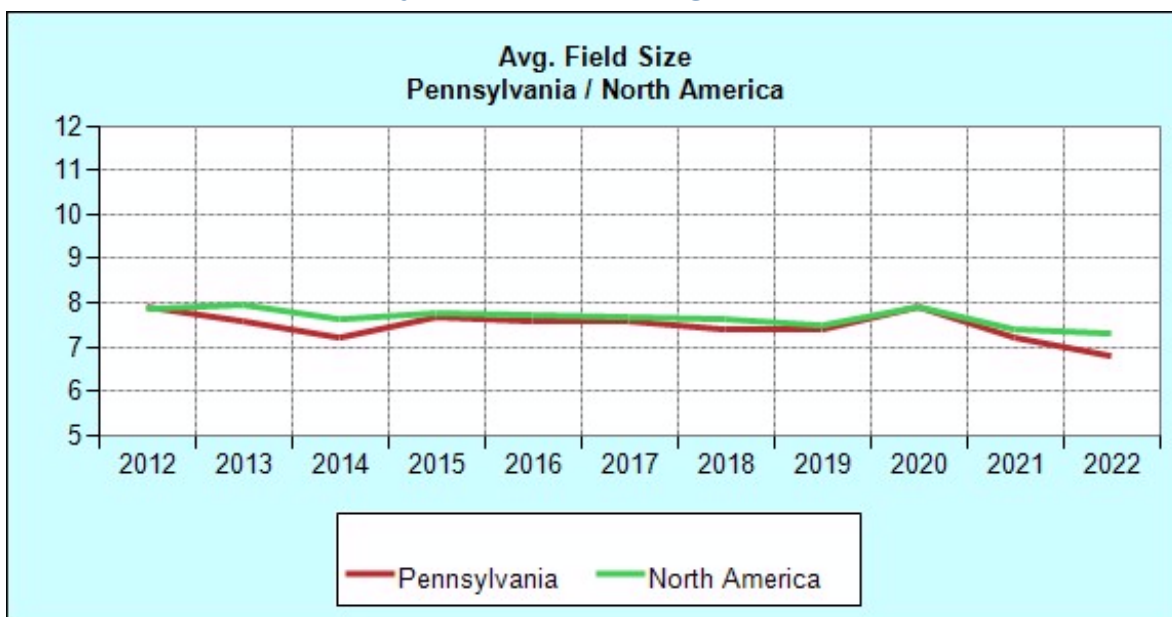
## Conception Area of Pennsylvania-Bred Registered Foals

### Crop Year

Conception Area	2021	2020	2019	2018	2017
PA	367	419	301	311	253
KY	184	213	255	223	191
MD	47	61	71	70	73
NY	14	3	13	10	36
FL	6	23	9	9	17
CA	1	7	9	1	1
LA	1	0	1	0	1
AZ	1	0	0	0	0
WV	1	1	1	4	0
OH	0	1	1	1	2
ON	0	1	1	2	0
SK	0	1	0	0	0
TX	0	0	0	0	1
VA	0	0	0	1	1
WA	0	1	0	0	0
IN	0	0	1	1	0
MI	0	2	1	2	2
NJ	0	3	1	0	3
<b>Total</b>	<b>622</b>	<b>736</b>	<b>665</b>	<b>635</b>	<b>581</b>

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 2021. Figures as of 03/01/2023

## Pennsylvania Racing Overview

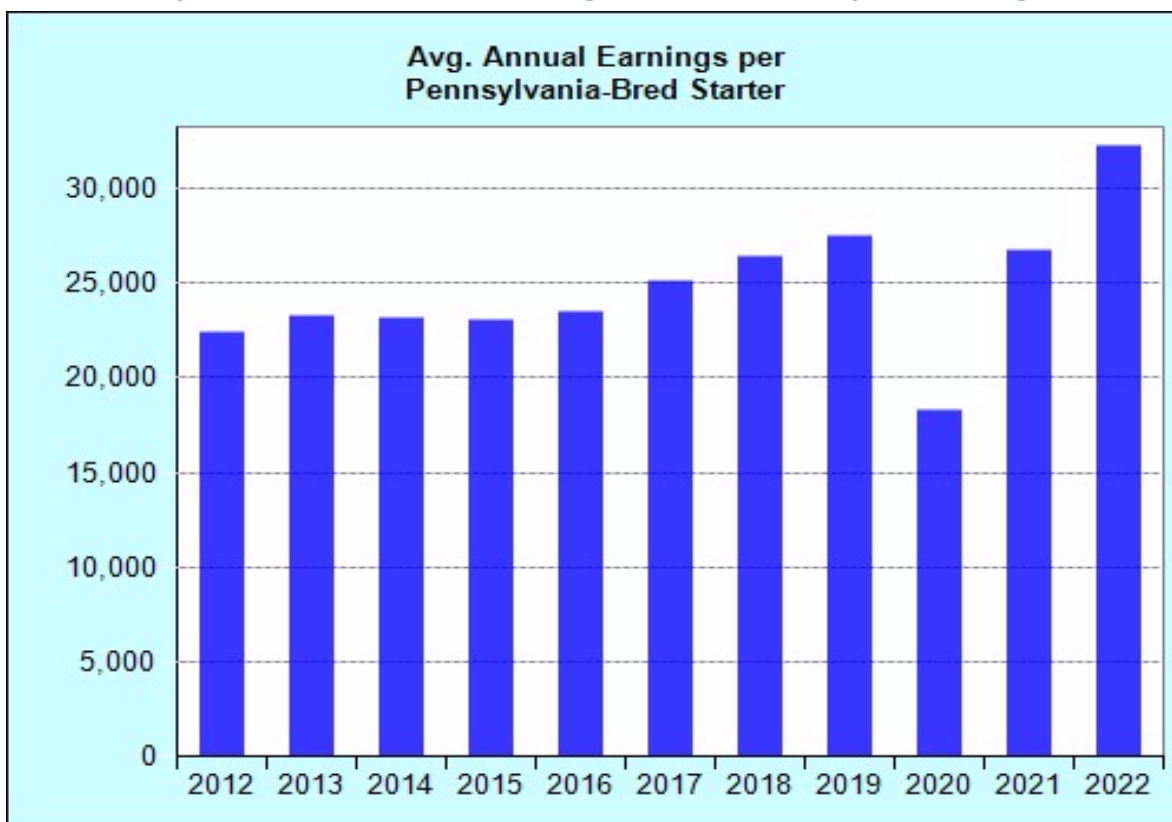


Year	Races	Purses	Starters	Starts	Race Days	Avg. Field Size	Avg. Purse per Race
2002	3,844	47,429,957	6,215	30,598	415	8.0	12,339
2003	3,851	45,735,528	6,398	31,460	411	8.2	11,876
2004	3,825	47,629,851	6,683	31,355	415	8.2	12,452
2005	3,681	49,313,407	6,278	30,348	402	8.2	13,397
2006	3,374	42,905,234	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
2018	3,673	93,417,251	5,746	27,257	437	7.4	25,434
2019	3,641	96,440,506	5,547	26,823	431	7.4	26,487
2020	2,355	54,165,453	4,713	18,607	250	7.9	23,000
2021	3,104	80,053,429	4,889	22,307	332	7.2	25,790
2022	3,427	98,143,124	4,938	23,400	381	6.8	28,638

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



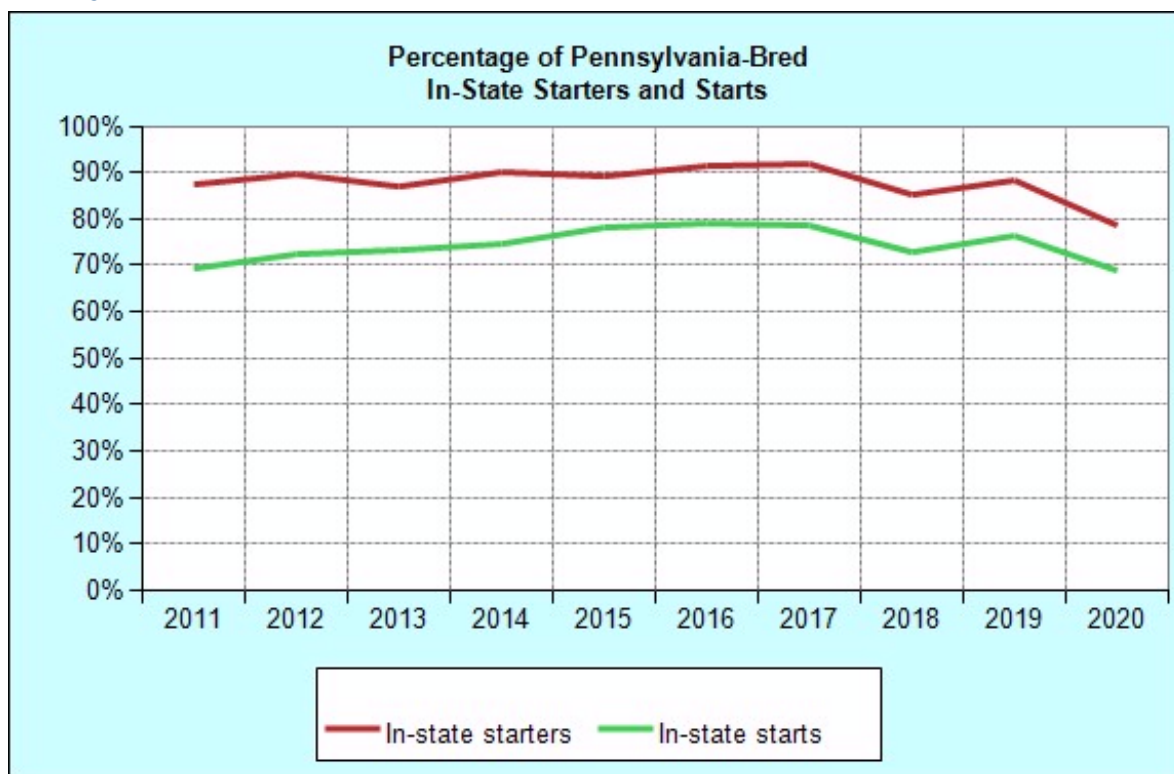
Racing Year	Starters	Starts	Earnings	Avg. Earnings per Starter	Avg. Starts per Starter
2002	1,823	13,597	28,904,094	15,855	7.5
2003	1,774	13,125	24,492,350	13,806	7.4
2004	1,784	12,723	31,547,944	17,684	7.1
2005	1,821	12,432	24,605,933	13,512	6.8
2006	1,761	11,799	26,517,631	15,058	6.7
2007	1,915	12,570	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	51,766,744	25,191	7.1
2018	1,841	12,821	48,741,673	26,476	7.0
2019	1,617	11,627	44,520,232	27,533	7.2
2020	1,464	8,056	26,797,389	18,304	5.5
2021	1,430	9,225	38,255,786	26,752	6.5
2022	1,485	9,792	47,992,352	32,318	6.6

## Pennsylvania-Bred Racing Statistics by Foaling Year

Foaling Year	Reg. Foals	Starters	Lifetime Starts	Lifetime Earnings	Avg. Earnings per Starter	Avg. Starts per Starter
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	841	633	12,178	45,657,851	72,129	19.2
2015	684	434	3,815	17,614,196	40,586	8.8
2016	636	411	3,801	17,097,433	41,600	9.2
2017	581	371	2,575	10,635,445	28,667	6.9
2018	635	405	2,962	13,770,748	34,002	7.3
2019	667	463	3,798	19,149,819	41,360	8.2
2020	742	336	1,213	8,099,642	24,106	3.6

Figures as of 03/01/2023

## 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
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	633	570	90.0	12,178	9,068	74.5
2015	434	387	89.2	3,815	2,985	78.2
2016	411	376	91.5	3,801	3,004	79.0
2017	371	340	91.6	2,575	2,027	78.7
2018	405	346	85.4	2,962	2,153	72.7
2019	463	409	88.3	3,798	2,893	76.2
2020	336	264	78.6	1,213	838	69.1

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

Figures as of 03/01/2023

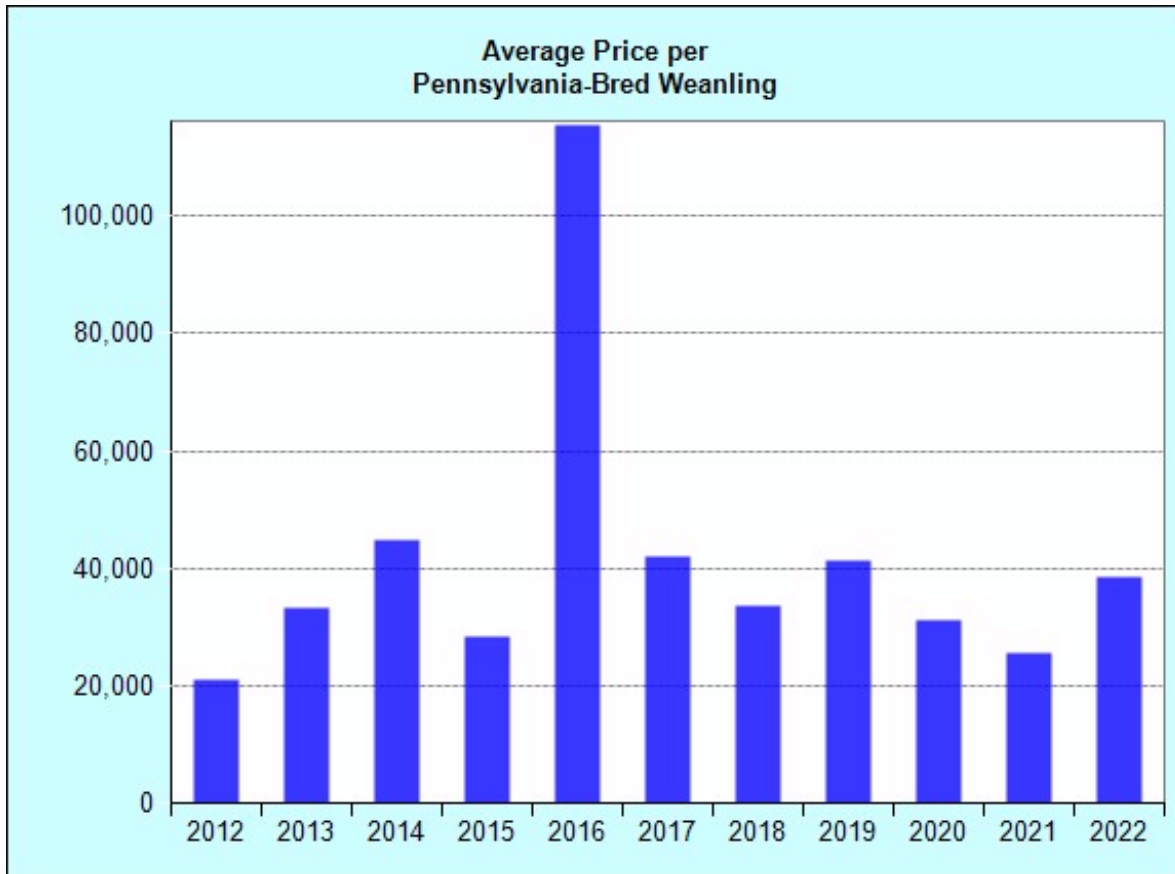
# Percentage of Pennsylvania-Bred Earnings by Racing Area

## Racing Year

Racing Area	2022	2021	2020	2019	2018
PA	78.60%	77.01%	77.04%	77.13%	73.27%
MD	4.91%	5.71%	4.24%	5.11%	5.00%
DE	3.34%	3.10%	6.11%	2.53%	2.31%
NY	2.72%	4.01%	2.59%	3.17%	4.63%
KY	2.62%	0.70%	0.76%	0.45%	2.09%
WV	1.69%	1.31%	1.36%	1.18%	1.16%
NJ	1.56%	1.96%	1.84%	1.63%	1.24%
FL	1.20%	1.30%	2.11%	2.99%	2.15%
CA	0.63%	0.61%	0.33%	1.56%	2.54%
VA	0.44%	0.97%	0.36%	0.78%	0.16%
OH	0.39%	0.72%	0.58%	0.84%	1.19%
PR	0.28%	0.21%	0.20%	0.18%	0.21%
IL	0.20%	0.22%	0.12%	0.04%	0.04%
IN	0.19%	0.20%	0.05%	0.12%	0.26%
LA	0.19%	0.39%	0.24%	0.15%	0.34%
AR	0.18%	0.51%	0.79%	0.50%	0.78%
ON	0.18%	0.22%	0.26%	0.37%	0.59%
WA	0.11%	0.01%	0.00%	0.00%	0.00%
IA	0.10%	0.07%	0.02%	0.01%	0.08%
MN	0.07%	0.07%	0.06%	0.15%	0.13%
SC	0.06%	0.02%	0.09%	0.05%	0.12%
NM	0.05%	0.01%	0.04%	0.07%	0.39%
TX	0.03%	0.17%	0.13%	0.12%	0.07%
AZ	0.03%	0.06%	0.14%	0.19%	0.10%
MB	0.02%	0.00%	0.04%	0.11%	0.00%
NE	0.02%	0.04%	0.02%	0.00%	0.00%
OK	0.01%	0.18%	0.07%	0.02%	0.16%
CO	0.01%	0.01%	0.04%	0.00%	0.03%
WY	0.01%	0.00%	0.03%	0.00%	0.00%
NC	0.00%	0.00%	0.00%	0.00%	0.07%
TN	0.00%	0.00%	0.00%	0.08%	0.03%
SK	0.00%	0.00%	0.00%	0.01%	0.02%
MA	0.00%	0.00%	0.00%	0.10%	0.46%
BC	0.00%	0.00%	0.00%	0.06%	0.08%
AB	0.00%	0.04%	0.18%	0.13%	0.12%
GA	0.00%	0.00%	0.02%	0.00%	0.01%

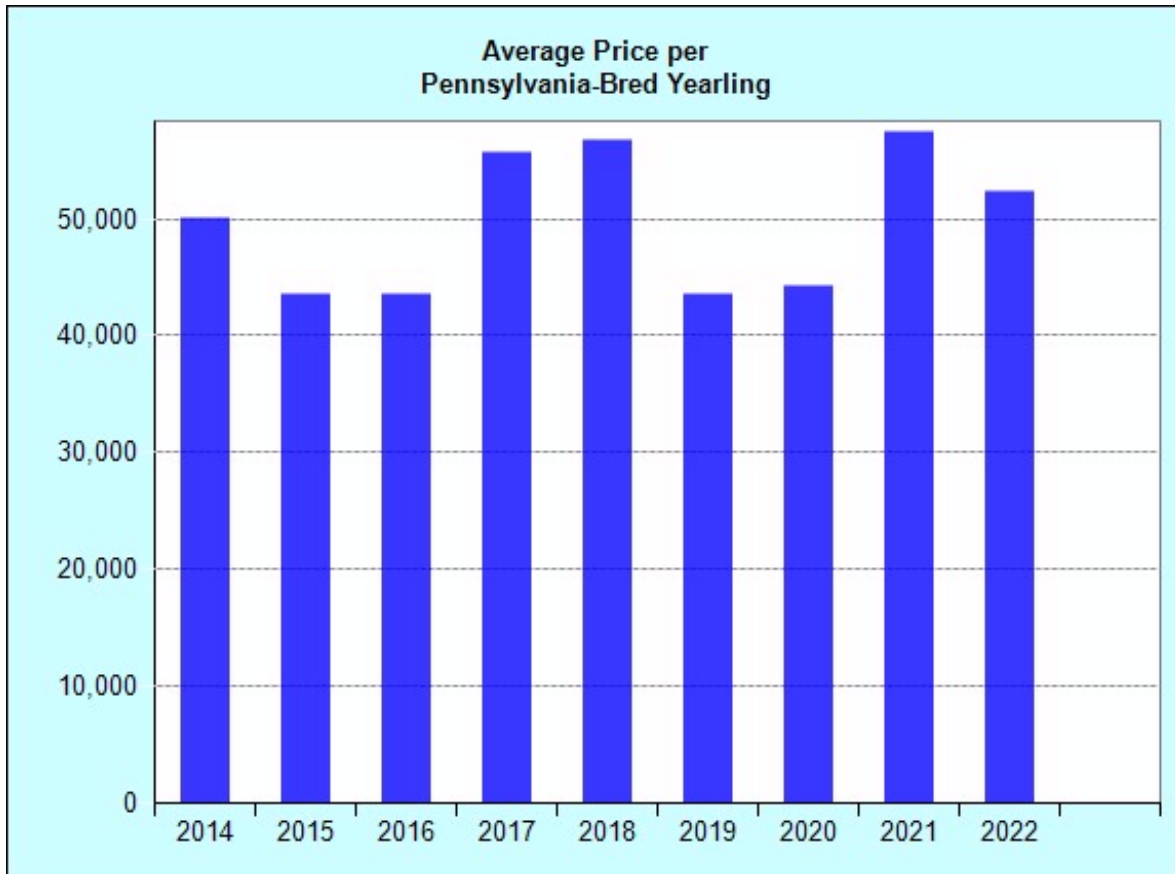
Ranked by percentage of total earnings in 2022

## Auction Results for Pennsylvania-Bred Weanlings



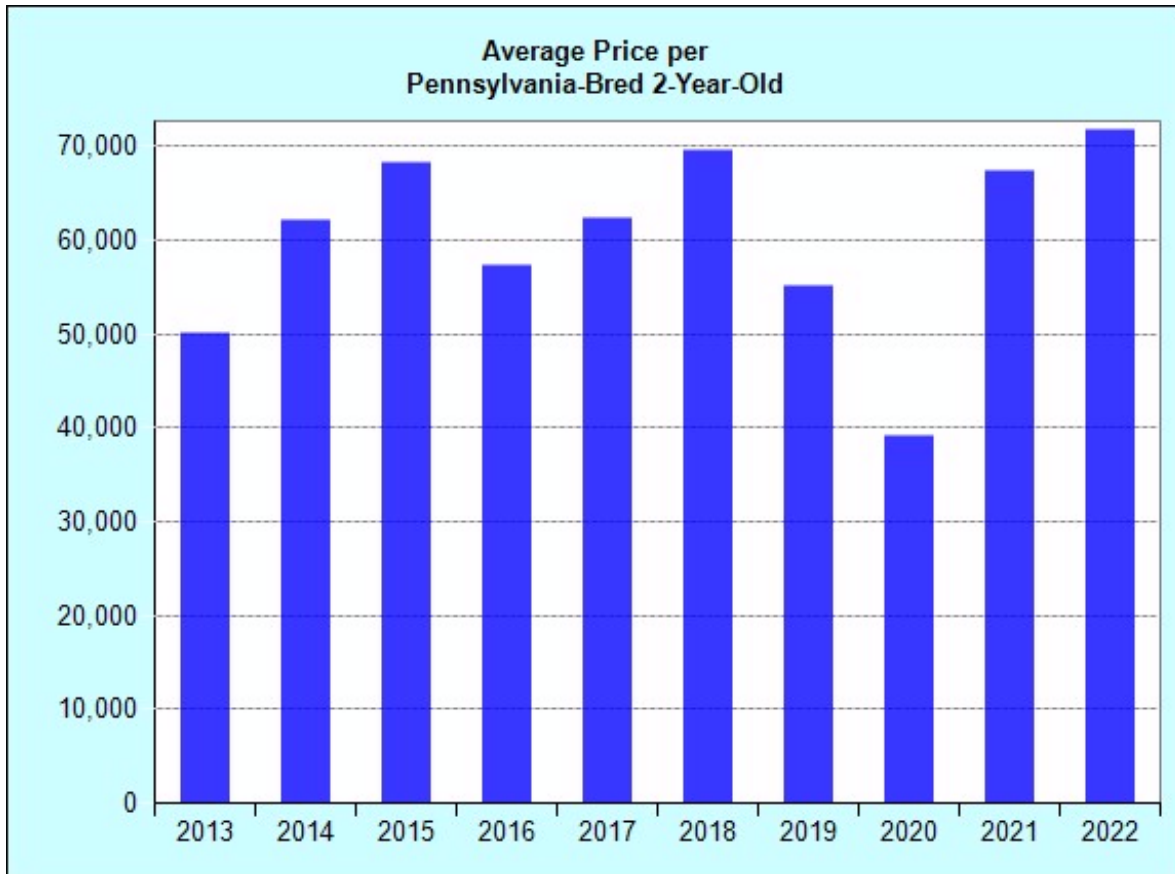
Sale Year	# Sold	Pct. Change	Gross Sales	Pct. Change	Avg. Price	Pct. Change	Median Price	Pct. Change
2002	23	0.0	223,700	0.0	9,726	0.0	5,000	0.0
2003	34	47.8	484,200	116.5	14,241	46.4	4,600	-8.0
2004	61	79.4	790,000	63.2	12,951	-9.1	6,000	30.4
2005	55	-9.8	801,400	1.4	14,571	12.5	7,500	25.0
2006	54	-1.8	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
2018	20	5.3	673,200	-15.3	33,660	-19.5	17,250	72.5
2019	34	70.0	1,401,400	108.2	41,218	22.5	14,500	-15.9
2020	20	-41.2	620,000	-55.8	31,000	-24.8	14,000	-3.5
2021	23	15.0	585,700	-5.5	25,465	-17.9	13,000	-7.1
2022	17	-26.1	652,200	11.4	38,365	50.7	17,000	30.8

## Auction Results for Pennsylvania-Bred Yearlings



Sale Year	# Sold	Pct. Change	Gross Sales	Pct. Change	Avg. Price	Pct. Change	Median Price	Pct. Change
2002	124	0.0	4,874,750	0.0	39,312	0.0	8,000	0.0
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
2018	98	-22.8	5,572,000	-21.2	56,857	2.2	18,000	5.9
2019	99	1.0	4,314,400	-22.6	43,580	-23.4	20,000	11.1
2020	137	38.4	6,071,700	40.7	44,319	1.7	16,000	-20.0
2021	127	-7.3	7,296,000	20.2	57,449	29.6	25,000	56.3
2022	109	-14.2	5,719,200	-21.6	52,470	-8.7	15,000	-40.0

## 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
2002	33	0.0	1,089,600	0.0	33,018	0.0	16,000	0.0
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
2018	40	33.3	2,785,700	48.9	69,642	11.7	32,000	-28.9
2019	33	-17.5	1,823,000	-34.6	55,242	-20.7	30,000	-6.3
2020	31	-6.1	1,217,200	-33.2	39,265	-28.9	27,000	-10.0
2021	71	129.0	4,793,000	293.8	67,507	71.9	32,000	18.5
2022	64	-9.9	4,597,000	-4.1	71,828	6.4	40,000	25.0