

Old and Young MacDonald Both Have Farms: A Look into the Age of Pennsylvania Farm Producers, 2017



The popular nursery rhyme “Old MacDonald Had a Farm” has been sung in schools and in television programs for generations. The song is an important tool in teaching children about farm animals and what sounds they make. The 2017 Census of Agriculture showed that around 10% of the total producers in Pennsylvania were both under age 35 and had fewer than ten years of agricultural experience. How do younger producers compare and differ to older producers based on the farms they work on, how much they sell, and what they produce? The definition of what a “producer” is has varied through the years, but the most recent U.S. Census of Agriculture (2017) said that a producer is considered to be any person involved in decision-making for the farm operation they work on regarding planting, harvesting, marketing, or managing. This report will explore the breakdown of the age of producers in Pennsylvania based on farm size, market value of sales, and types of agricultural production as found in the 2017 Census of Agriculture.

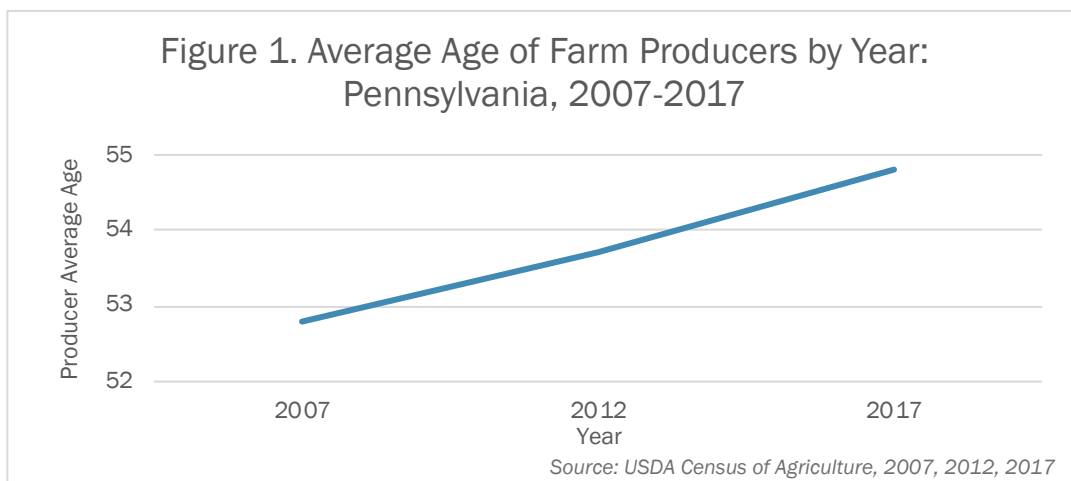
Key Points

- The average age for all farm producers in Pennsylvania was 54.8 years in 2017
- The largest proportion (26%) of all producers in Pennsylvania were between 55-64 years old in 2017. The smallest proportion (3%) of all producers were under 25 years old.
- Cameron County had the oldest average age of farm producers at 60.7 years old. Philadelphia County had the youngest average age at 42.5 years.
- Approximately 13% of all Pennsylvania producers were considered young producers (producers under 35 years old)
- About 26% of all producers in Pennsylvania in 2017 were new producers (producers with fewer than 10 years of farm experience)
- Producers that sold under \$25,000 of agricultural products in a year tended to be older than those that sold above \$25,000
- Producers under age 45 were most represented in the “milk and dairy” production category
- The agricultural production category “other crop farming” had the oldest average age of producers at 59.3 years old

UNDERSTANDING PENNSYLVANIA AGRICULTURE: 2017 UPDATE

Section 1: Farm Producer Average Age in Pennsylvania

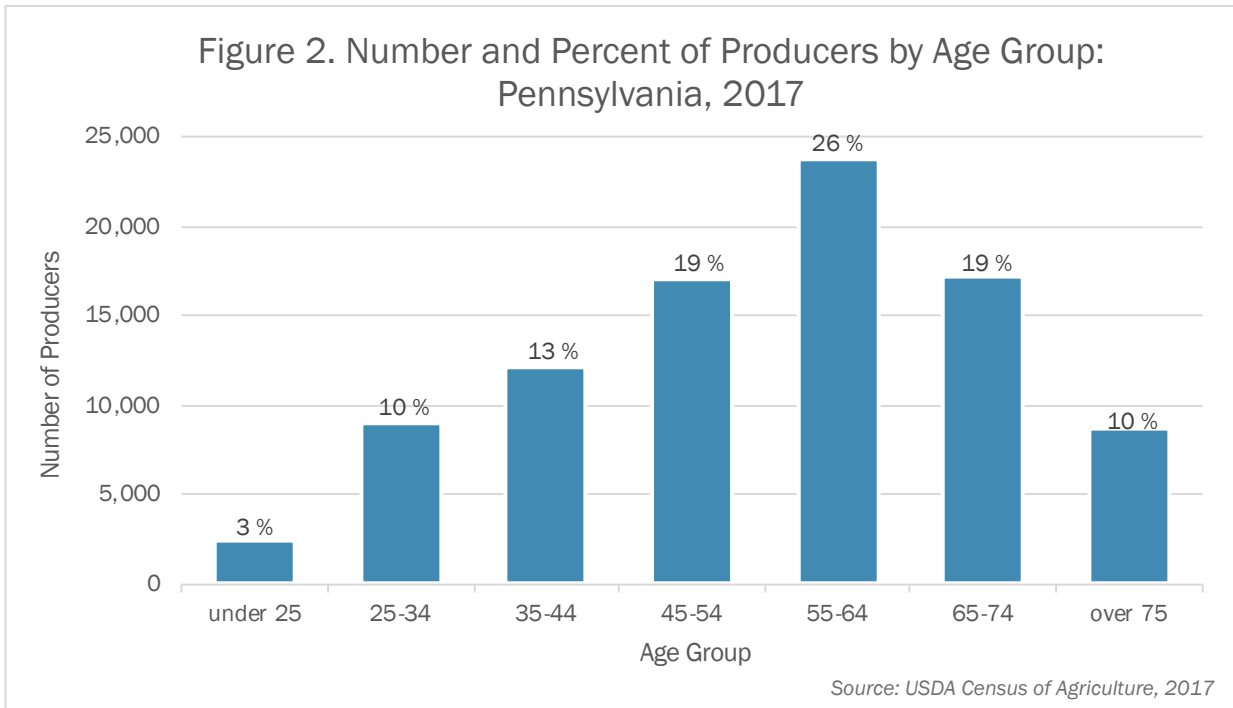
Over the three previous Censuses of Agriculture there has been an increase in average age of producers each Census year (see Figure 1). Beginning in 2007, the average age was 52.8 for all farm producers and, 10 years later, the average age for all farm producers in Pennsylvania rose two years to be 54.8 years old.



In 2017, the Census of Agriculture allowed for up to four producers to be counted per farming operation, a change from the 2007-2012 Censuses of Agriculture which allowed only for up to three producers to be counted. This change in data collection had the potential to also change the average age in Pennsylvania to a number either lower or higher than what it would have been without these additional producers (Pilgeram, Dentzman, & Conley, 2020). If the additional producers were a lot older, they would increase the average age, and if they were younger, Pennsylvania's average age would decrease. In reality, it is not certain exactly how average age has changed for Pennsylvania farm producers over the years, so the data available presents an estimation.

Using an average can be flawed because it can be easily changed by outliers or additional values. Averages can be useful, however, because they represent the distribution in age across a category. In other words, the average adds up all of the age values and divides that number by how many values there are. A higher average age means there is a larger proportion of producers who are older, for example over 65 years.

The 2017 Census of Agriculture groups ages by tens, beginning with producers under 25 and ending with producers over 75. By and large, 55-64-year-old farm producers made up the majority of the producers in the state at 26% of the total producers (see Figure 2). Farm producers between 45-54 and 65-74 years old were the second largest age categories of producers in the state, each with 19% of all farm producers. Around 14% of producers were considered to be *young producers* as defined by the Census of Agriculture (2017); these producers were under the age of 35 the time the Census was taken. Notably, producers under age 25 made up the smallest percentage of the total producers at 3%.



The Pennsylvania counties that had the oldest average ages of farm producers were Cameron, Luzerne, and McKean. Approximately 69% of Cameron County’s producers were over the age of 65 which brings up its average age value to 60.7 years old. Luzerne and McKean County were close behind Cameron each with average ages of 60.6 years old. The county that had the youngest average age was Philadelphia County with 42.5 years old. In fact, 42% of Philadelphia County’s producers were 25-34 years old, making them “young producers” as defined by the Census of Agriculture. Lancaster County had the second youngest average age at 46.6 years, and Lebanon and Union counties were tied for third, with an average age of 49.6 years. Aside from the highest and lowest average ages, the remaining average ages for each county in Pennsylvania ranged from 49 to 59 years old, fanning around the state’s average at of 54.8 (see Appendix A for more county specific age information).

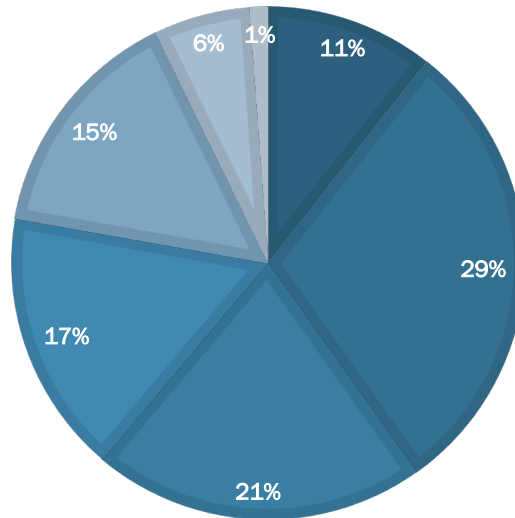
Section 2: Age of New and Beginning Producers in Pennsylvania

“New and beginning producer” was a term added to the Census of Agriculture in its most recent 2017 census. A new or beginning producer is a producer who has been working on a farming operation for fewer than ten years, and the terms “new” and “beginning” are interchangeable.

In 2017, there were 23,106 producers who identified themselves as “new and beginning producers” making up 26% of the total producers in Pennsylvania. About 51% of new producers were between 25 and 44 years old which made their average age significantly lower than that of all producers in Pennsylvania. For reference, the average age for the **all** farm producers in Pennsylvania was 54.8 years while the average age for all **new** producers in Pennsylvania was 41.4 years. Producers over age 65 made up the smallest proportion of new producers at 5% (see Figure 3 below).

Figure 3. Percent of New Producers by Age Group:
Pennsylvania, 2017

■ under 25 ■ 25-34 ■ 35-44 ■ 45-54 ■ 55-64 ■ 65-74 ■ over 75



Source: USDA Census of Agriculture, 2017

Section 3: Age and Acres Farmed in Pennsylvania

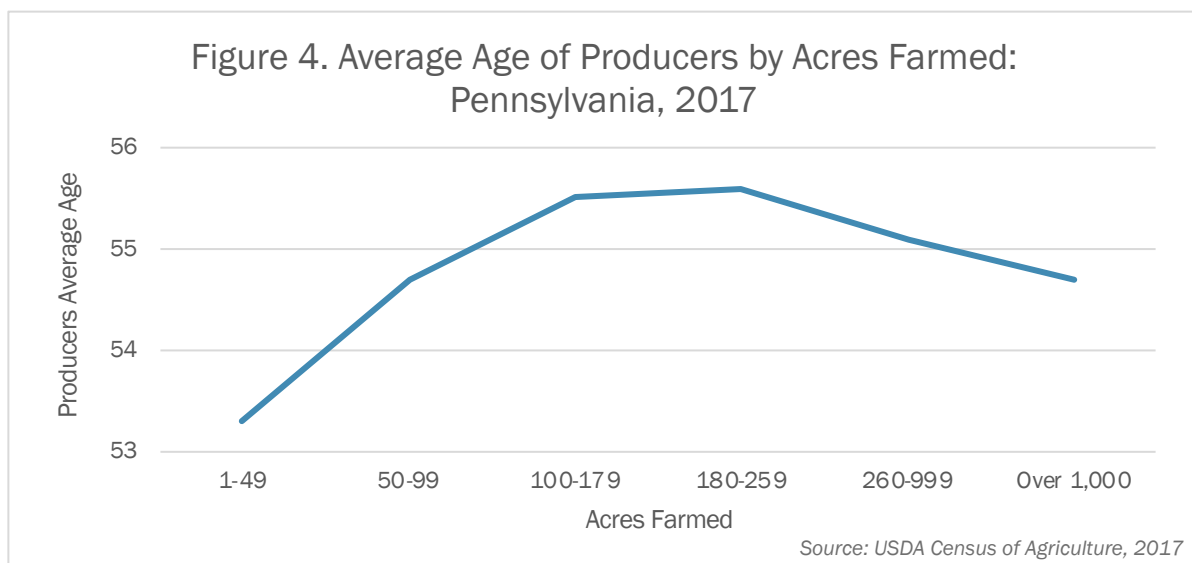
About 41% of the total producers in Pennsylvania worked on 1-49 acres of land. The percentage of producers working on 1-49 varied by age group, ranging from 35% of producers under 25 and over 75 years old, to 45% of producers aged 25 to 44 years old (see Table 1 on the next page). There seems to have been a common trend that within each age group, there was a progressively smaller percentage of producers that worked on each consecutive category of acres farmed, with the exception of farmers that farmed between 260 and 999 acres. The smallest proportion of all producers (about 2%) worked on over 1,000 acres of land, which ranged between 1% and 2% across ages.

Table 1. Number (Percent) of Producers by Age Group by Number of Acres Farmed: Pennsylvania, 2017

Acres Farmed	Age Group							Total Producers
	Under 25	25-34	35-44	45-54	55-64	65-74	Over 75	
1-49	855 (35%)	4,036 (45%)	5,468 (45%)	7,139 (42%)	9,765 (41%)	6,982 (40%)	3,054 (35%)	37,299 (41%)
50-99	522 (21%)	1,927 (21%)	2,469 (20%)	3,322 (19%)	4,299 (18%)	3,525 (20%)	1,788 (21%)	17,852 (20%)
100-179	424 (17%)	1,351 (15%)	1,754 (14%)	2,917 (17%)	4,075 (17%)	3,046 (18%)	1,792 (21%)	15,359 (17%)
180-259	265 (11%)	635 (7%)	818 (7%)	1,291 (8%)	1,876 (8%)	1,417 (8%)	803 (9%)	7,105 (8%)
260-999	370 (15%)	978 (11%)	1,418 (12%)	2,107 (12%)	3,292 (14%)	2,064 (12%)	1,107 (13%)	11,336 (13%)
>1,000	21 (1%)	111 (1%)	253 (2%)	320 (2%)	455 (2%)	235 (1%)	115 (1%)	1,510 (2%)
Total Producers	2,457 (100%)	9,038 (100%)	12,180 (100%)	17,096 (100%)	23,762 (100%)	17,269 (100%)	8,659 (100%)	90,461 (100%)

Source: USDA Census of Agriculture, 2017

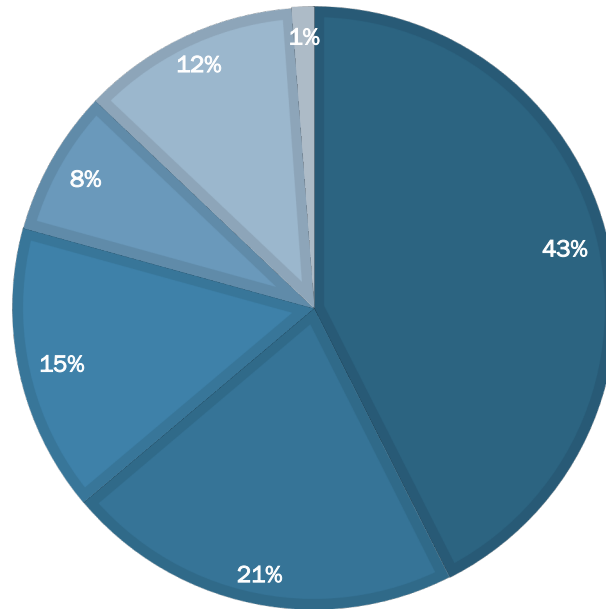
The average age of producer by number of acres farmed was relatively similar to the average age of all producers in Pennsylvania, 54.8 years old. A graph of average age and acres farmed in Pennsylvania shows a hill-like curve (see Figure 4). The curve begins with the lowest average age of 53.3 years at the smallest acreage category of 1-49 acres. From there, the average age climbs upwards until it hits the highest average age of 55.6 years at 180-259 acres where it then begins to decline. The overall spread of average age over the number of acres farmed was not very large; there was only about a three-year difference between the largest and smallest average ages.



Again, the lowest average age per acres farmed was 55.3 years old and occurred at the smallest acreage category of 1-49 acres (see Figure 5). Almost half (43%) of young producers (producers under the age of 35) worked on this number of acres in 2017 which explains why the average age was the youngest there.

Figure 5. Percent of Young Producers per Acres Farmed: Pennsylvania, 2017

■ 1-49 acres ■ 50-99 acres ■ 100-179 acres ■ 180-259 acres ■ 260-999 acres ■ 1,000 or more

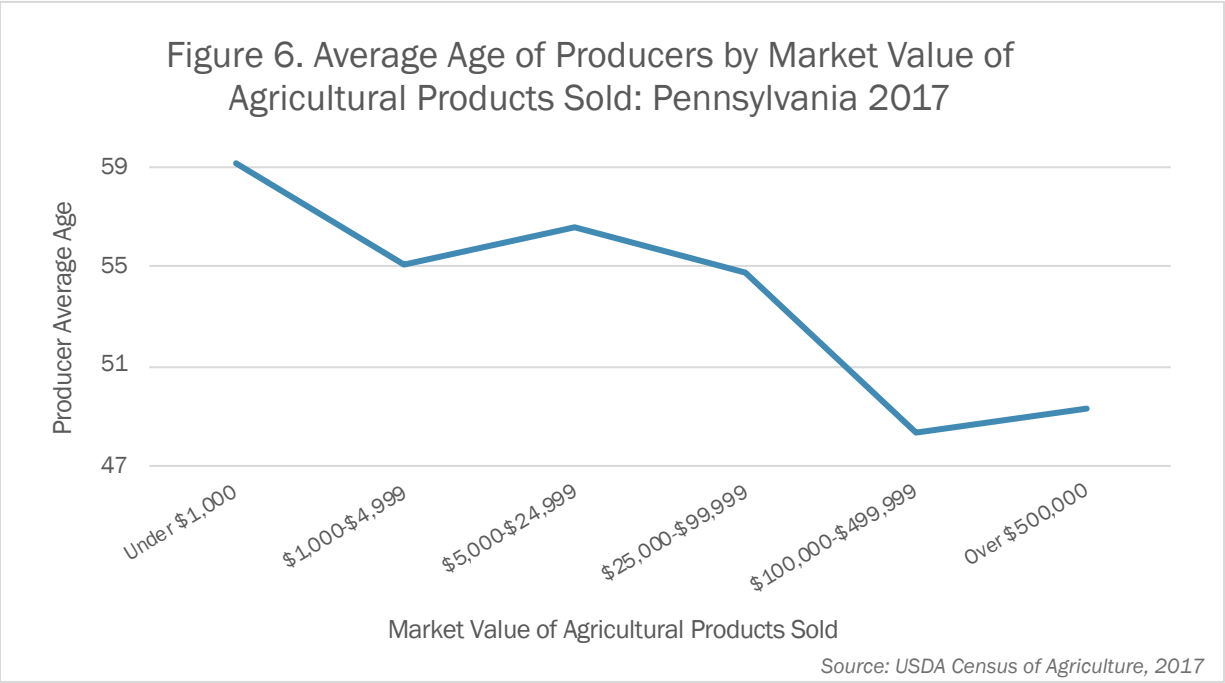


Source: USDA Census of Agriculture, 2017

Section 4: Age and Market Value of Agricultural Products Sold in Pennsylvania

As defined by the most recent Census of Agriculture, the “market value of agricultural products sold” refers to the total value of the agricultural products sold before taxes or production expenses; it is equivalent to a producer’s total sales for 2017. The Census of Agriculture also clarifies that “the value of sales in 2017 does not necessarily represent all crops harvested in 2017.” Therefore, it was possible for a producer to sell products they had stored from before 2017, and it was also possible for a producer to harvest crops and store them for later years without selling them in 2017. According to the Census of Agriculture, an operation is considered a farm if it has the potential to produce or sell over \$1,000 of agricultural production in a year. This section will explore the value of agricultural products producers sold in 2017 based on age.

The average age of producers who sold under \$1,000 a year tended to be higher than that of those who sold more each year. For example, the average age of producers selling under \$1,000 was 59.1 years old, compared to an average age of 48.4 years for producers who sold between \$100,000 and \$499,999 a year (see Figure 6). In general, producers that sold more a year tended to be younger than those who sold less.



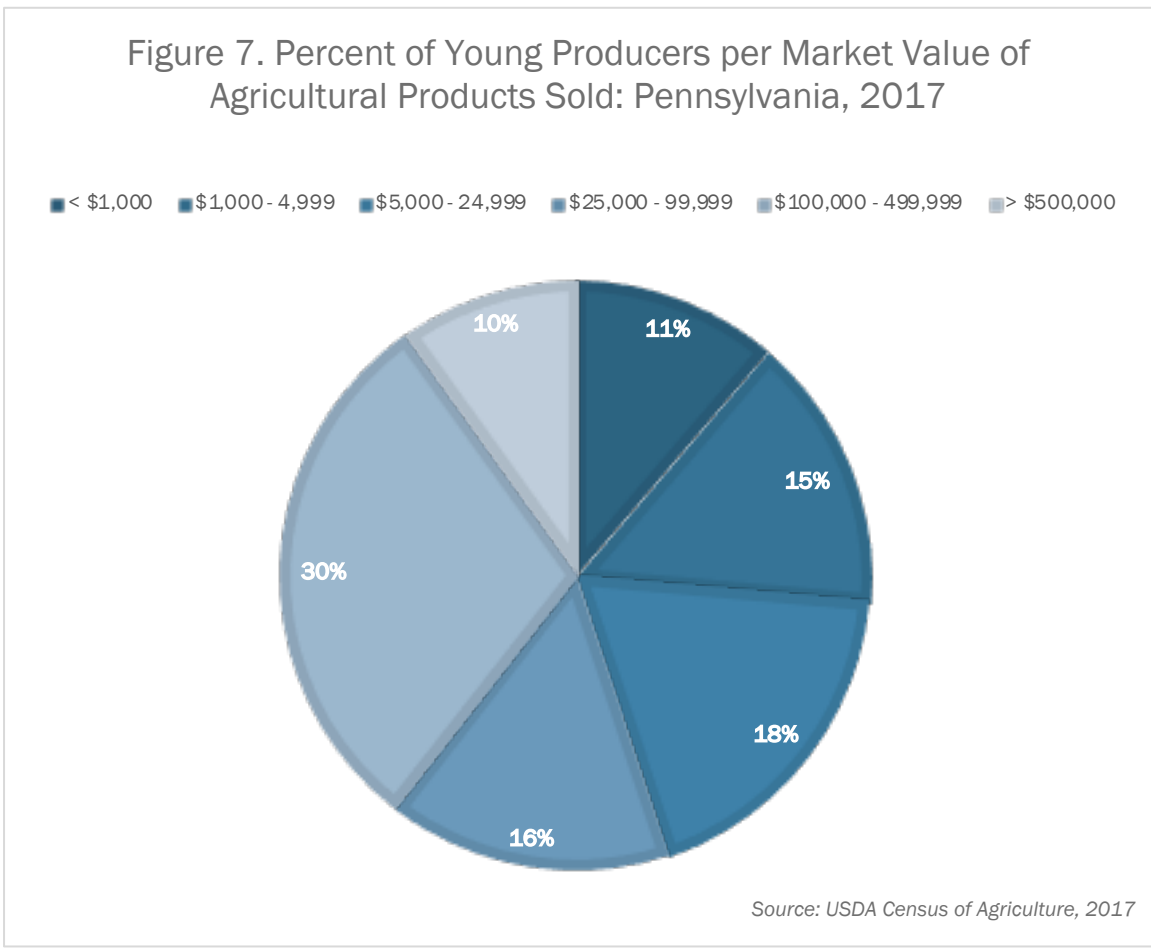
Age by the market value of agricultural products sold was more spread out than age by the number of acres farmed. The smallest proportion of all producers, around 8%, sold over \$500,000 in 2017 (See Table 2). Across age, however, the percentage of producers that sold over \$500,000 ranged from 3% up to 12%. The largest proportion of producers sold between \$5,000 and \$24,999 a year and made up 22% of all producers in Pennsylvania. Throughout the state, this proportion ranged from 17% to 27% based on age group 2017.

Table 2. Number (Percent) of Producers by Age Group by Market Value of Agricultural Products Sold: Pennsylvania, 2017

Market Value of Agricultural Products Sold	Age Group							Total Producers
	Under 25	25-34	35-44	45-54	55-64	65-74	Over 75	
< \$1,000	222 (9%)	1,074 (12%)	1,899 (16%)	3,635 (21%)	5,995 (25%)	5,092 (29%)	2,640 (30%)	20,557 (20%)
\$1,000-\$4,999	315 (13%)	1,419 (16%)	1,823 (15%)	2,805 (16%)	3,854 (16%)	2,865 (17%)	1,270 (15%)	14,351 (15%)
\$5,000-\$24,999	429 (17%)	1,701 (19%)	2,462 (20%)	3,644 (23%)	5,417 (23%)	4,372 (25%)	2,356 (27%)	20,381 (22%)
\$25,000-\$99,999	342 (14%)	1,451 (16%)	1,792 (15%)	2,528 (15%)	3,464 (15%)	2,605 (15%)	1,370 (16%)	13,552 (15%)
\$100,000-\$499,999	862 (35%)	2,550 (28%)	2,902 (24%)	3,086 (14%)	3,387 (14%)	1,685 (10%)	769 (9%)	15,241 (20%)
> \$500,000	287 (12%)	843 (9%)	1,302 (11%)	1,398 (7%)	1,645 (7%)	650 (4%)	254 (3%)	6,379 (8%)
Total	2,457 (100%)	9,038 (100%)	12,180 (100%)	17,096 (100%)	23,762 (100%)	17,269 (100%)	8,659 (100%)	90,461 (100%)

Source: USDA Census of Agriculture, 2017

While the percentage of young producers (producers under 35 years) seemed to be concentrated on a lower number of acres farmed (1-49 acres), the percent of young producers per sales category seemed to be more evenly distributed amongst each sales category. The highest proportion of young producers (30%) sold between \$100,000 - \$499,999, the second highest sales category. Only about 3% of producers over 75 sold within this sales category. The higher percentage of young producers and lower percentage of older producers that sold between \$100,000 - \$499,999 was in line with the drop in average age at this sales category that was shown in Figure 6. Figure 7 shows the percent makeup of young producers in each sales category.



Section 5: Age and Types of Agricultural Production in Pennsylvania

Producers over 45 were mainly represented in the “other crop farming” category where they made up 85% of producers farming this type of agricultural product (see Table 3). “Other crop farming” in Pennsylvania mostly includes hay, tobacco, and sugarcane farming. This agricultural production category had the highest average age of 59.3 years in 2017.

Producers who were under age 45, however, were more likely to be found within the “dairy and milk production” than in any other production category. Dairy and milk producers had the youngest average age of 45.9 years. Though producers under 25 made up the smallest proportion of the total producers in Pennsylvania (3%), relative to their size they had the largest share of producers working in dairy and milk production at 31% (see Table 3). Table 3 summarizes what types of agricultural production that producers of the same age group participated in in 2017.

Table 3. Number (Percent) of Farm Producers in Each Age Group That Worked in Each Agricultural Production Type: Pennsylvania, 2017

Agricultural Product Types	Age Group							Total Producers
	Under 25	25-34	35-44	45-54	55-64	65-74	Over 75	
Oilseed and Grain Farming	214 (9%)	939 (10%)	1,168 (10%)	1,764 (10%)	2,560 (11%)	2,031 (12%)	1,168 (13%)	9,844 (11%)
Vegetable and Melon Farming	149 (6%)	639 (7%)	707 (6%)	667 (4%)	728 (3%)	505 (3%)	329 (2%)	3,591 (4%)
Fruit and Tree Nut Farming	65 (3%)	262 (3%)	423 (3%)	501 (3%)	972 (4%)	676 (4%)	329 (4%)	3,227 (4%)
Greenhouse, Nursery, and Floriculture Production	107 (4%)	401 (4%)	578 (5%)	890 (5%)	1,282 (5%)	777 (4%)	356 (4%)	4,391 (5%)
Other Crop Farming (hay & other crops)	378 (15%)	1,501 (17%)	2,154 (18%)	4,222 (25%)	7,267 (31%)	6,138 (36%)	3,463 (40%)	25,123 (28%)
Beef Cattle Ranching and Farming	259 (11%)	1,072 (12%)	1,515 (12%)	2,453 (14%)	3,002 (13%)	2,375 (14%)	1,189 (14%)	11,865 (13%)
Cattle Feedlots	45 (2%)	92 (1%)	160 (1%)	192 (1%)	232 (1%)	152 (1%)	71 (1%)	944 (1%)
Dairy and Milk Production	767 (31%)	2,246 (25%)	2,406 (20%)	2,377 (14%)	2,258 (10%)	883 (5%)	337 (4%)	11,274 (12%)
Hog and Pig Farming	44 (2%)	198 (2%)	321 (3%)	311 (2%)	307 (1%)	161 (1%)	39 (0%)	1,381 (2%)
Poultry and Egg Production	163 (7%)	561 (6%)	801 (7%)	761 (4%)	735 (3%)	318 (2%)	101 (1%)	3,440 (4%)
Sheep and Goat Farming	143 (6%)	447 (5%)	740 (6%)	777 (5%)	1040 (4%)	655 (4%)	384 (4%)	41,86 (5%)
Aquaculture and other	123 (5%)	680 (8%)	1,207 (10%)	2,181 (13%)	3,379 (14%)	2,599 (15%)	1,026 (12%)	11,195 (12%)
Total Producers	2,457 (100%)	9,038 (100%)	12,180 (100%)	17,096 (100%)	23,762 (100%)	17,269 (100%)	8,659 (100%)	90,461 (100%)

Source: USDA Census of Agriculture, 2017

Nearly 48% of Pennsylvania’s total dairy and milk producers were under the age of 45 in 2017, and approximately 7% of those total milk and dairy producers were under 25 (see Table 4). Table 4 summarizes the age of producers that participated in the same agricultural production type in 2017.

Table 4. Number (Percent) of Farm Producers That Worked in Each Agricultural Production Type by Age Group: Pennsylvania, 2017

Agricultural Product Types	Age Group							Total Producers
	Under 25	25-34	35-44	45-54	55-64	65-74	Over 75	
Oilseed and Grain Farming	214 (2%)	939 (10%)	1,168 (12%)	1,764 (18%)	2,560 (26%)	2,031 (21%)	1,168 (12%)	9,844 (100%)
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Fruit and Tree Nut Farming	65 (2%)	262 (8%)	423 (13%)	501 (16%)	972 (30%)	675 (21%)	329 (10%)	3,227 (100%)
Greenhouse, Nursery, and Floriculture Production	107 (2%)	401 (9%)	578 (13%)	890 (20%)	1,282 (29%)	777 (18%)	356 (8%)	4,391 (100%)
Other Crop Farming (hay & other crops)	378 (1%)	1,501 (6%)	2,154 (8%)	4,222 (17%)	7,267 (29%)	6,138 (25%)	346 (14%)	25,123 (100%)
Beef Cattle Ranching and Farming	259 (2%)	1,072 (9%)	1,515 (13%)	2,453 (21%)	3,002 (25%)	2,375 (20%)	1,189 (10%)	11,865 (100%)
Cattle Feedlots	45 (5%)	92 (10%)	160 (17%)	192 (20%)	232 (25%)	152 (16%)	71 (8%)	944 (100%)
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Sheep and Goat Farming	143 (3%)	447 (11%)	740 (18%)	777 (19%)	1,040 (25%)	655 (16%)	384 (9%)	4,186 (100%)
Aquaculture and other	123 (1%)	680 (6%)	1,207 (11%)	2,181 (19%)	3,379 (30%)	2,599 (23%)	1,026 (9%)	11,195 (100%)
Total Producers	2,457 (3%)	9,038 (10%)	12,180 (13%)	17,096 (19%)	23,762 (26%)	17,269 (19%)	8,659 (10%)	90,461 (100%)

Source: USDA Census of Agriculture, 2017

Summary

This report sought to explore the age of farm producers in Pennsylvania using data regarding the number of producers, value of sales, farm size, and agricultural production for each age group. In Pennsylvania, the average age for all farm producers was 54.8, a two-year increase since 2007. Of all the counties in Pennsylvania, Cameron County had the oldest average age of 60.7 years, and Philadelphia County had the youngest average age of 42.5 years.

Producers aged 55-64 were the most common in Pennsylvania; they made up 26% of the total producers in the state. There were only about half as many producers under age 35 as there were specifically between 55 and 64 years old. Even still, the proportions of producers by age per the number of acres they worked was closely aligned with statewide proportions for producers working on each number of acres.

There was a tendency for a higher proportion of producers that were under 35 years to have a higher market value of the agricultural products sold than those who were over age 35. Producers specifically under 25 years old had about 47% of producers with a market value of their agricultural sales to be \$100,000 or above in 2017. As stated previously, producers under age 25 represent the smallest share of total producers in Pennsylvania at 3%. Only about 21% of the producers between 55-64 years old had a market value of agricultural sales that was \$100,000 or above in 2017, even though they represent the largest share of total Pennsylvania farm producers at 26%.

Producers in Pennsylvania of all ages contribute to the agriculture in the state in their own ways. They may farm for several reasons, whether it be for their primary occupation or because they find enjoyment in the lifestyle that farming provides. No matter their reason or their age, all farm producers in Pennsylvania have a hand in cultivating, growing, and harvesting a happier and healthier commonwealth.

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Appendix

Table A1. Number (Percent) of Farm Producers by Age Group by County: Pennsylvania, 2017

County	Age Group							Total Producers
	Under 25	25-34	35-44	45-54	55-64	65-74	Over 75	
Adams	41 (2%)	230 (11%)	238 (12%)	407 (20%)	587 (29%)	385 (19%)	152 (7%)	2,040
Allegheny	8 (1%)	71 (11%)	98 (15%)	98 (15%)	167 (25%)	145 (22%)	73 (11%)	660
Armstrong	18 (2%)	54 (5%)	169 (15%)	190 (17%)	337 (30%)	257 (23%)	117 (10%)	1,142
Beaver	20 (2%)	48 (4%)	124 (11%)	218 (20%)	313 (29%)	234 (22%)	131 (12%)	1,088
Bedford	79 (4%)	205 (11%)	282 (14%)	383 (20%)	463 (24%)	376 (19%)	160 (8%)	1,948
Berks	135 (4%)	405 (12%)	457 (14%)	606 (19%)	880 (27%)	553 (17%)	221 (7%)	3,257
Blair	23 (3%)	119 (14%)	149 (17%)	175 (20%)	214 (25%)	106 (12%)	85 (10%)	871
Bradford	41 (2%)	151 (6%)	250 (10%)	490 (20%)	750 (30%)	544 (22%)	258 (10%)	2,484
Bucks	30 (2%)	133 (10%)	123 (9%)	210 (15%)	439 (32%)	311 (22%)	139 (10%)	1,385
Butler	27 (2%)	133 (8%)	164 (10%)	307 (18%)	466 (28%)	387 (23%)	210 (12%)	1,694
Cambria	19 (2%)	60 (7%)	76 (8%)	162 (18%)	275 (31%)	236 (26%)	73 (8%)	901
Cameron	0 (0%)	2 (3%)	7 (12%)	8 (14%)	12 (21%)	22 (38%)	7 (12%)	58
Carbon	5 (1%)	36 (10%)	44 (13%)	67 (20%)	74 (22%)	82 (24%)	35 (10%)	343
Centre	39 (2%)	157 (9%)	200 (11%)	380 (21%)	480 (27%)	349 (19%)	201 (11%)	1,806
Chester	91 (3%)	338 (12%)	388 (14%)	473 (17%)	784 (27%)	501 (18%)	281 (10%)	2,856
Clarion	18 (2%)	87 (9%)	91 (9%)	166 (17%)	253 (26%)	217 (23%)	126 (13%)	958
Clearfield	12 (2%)	36 (5%)	67 (9%)	200 (26%)	211 (27%)	150 (19%)	96 (12%)	772
Clinton	25 (6%)	62 (14%)	54 (13%)	87 (20%)	116 (27%)	52 (12%)	35 (8%)	431
Columbia	32 (3%)	60 (5%)	164 (13%)	220 (18%)	324 (26%)	285 (23%)	163 (13%)	1,248
Crawford	26 (1%)	135 (7%)	275 (15%)	394 (21%)	448 (24%)	409 (22%)	169 (9%)	1,856
Cumberland	81 (4%)	299 (14%)	361 (17%)	333 (16%)	462 (22%)	414 (19%)	183 (9%)	2,133
Dauphin	42 (4%)	107 (10%)	165 (15%)	197 (18%)	233 (21%)	205 (19%)	139 (13%)	1,088
Delaware	3 (3%)	9 (10%)	8 (9%)	7 (8%)	29 (32%)	22 (24%)	12 (13%)	90
Elk	5 (1%)	44 (11%)	24 (6%)	85 (21%)	124 (31%)	77 (19%)	45 (11%)	404
Erie	23 (1%)	102 (5%)	213 (11%)	368 (19%)	588 (30%)	449 (23%)	211 (11%)	1,954
Fayette	40 (3%)	121 (9%)	122 (9%)	247 (18%)	387 (28%)	315 (23%)	136 (10%)	1,368
Forest	0 (0%)	3 (5%)	5 (8%)	12 (19%)	28 (44%)	13 (21%)	2 (3%)	63
Franklin	128 (5%)	418 (15%)	466 (17%)	574 (21%)	590 (21%)	393 (14%)	223 (8%)	2,792
Fulton	14 (2%)	53 (6%)	131 (15%)	191 (21%)	225 (25%)	184 (20%)	105 (12%)	903
Greene	21 (2%)	44 (4%)	86 (7%)	193 (17%)	357 (31%)	320 (28%)	128 (11%)	1,149
Huntingdon	19 (2%)	87 (7%)	111 (9%)	229 (19%)	301 (25%)	306 (25%)	173 (14%)	1,226
Indiana	26 (2%)	152 (10%)	180 (11%)	309 (19%)	469 (29%)	267 (17%)	196 (12%)	1,599
Jefferson	7 (1%)	40 (5%)	72 (10%)	160 (22%)	223 (30%)	152 (20%)	89 (12%)	743
Juniata	70 (6%)	168 (15%)	184 (16%)	233 (20%)	275 (24%)	149 (13%)	77 (7%)	1,156
Lackawanna	10 (2%)	50 (11%)	48 (10%)	92 (20%)	112 (24%)	119 (26%)	31 (7%)	462

Table A1 (continued). Number (Percent) of Farm Producers by Age Group by County: Pennsylvania, 2017

County	Age Group							Total Producers
	Under 25	25-34	35-44	45-54	55-64	65-74	Over 75	
Lancaster	460 (5%)	1,757 (20%)	2,001 (23%)	1,754 (20%)	1,712 (19%)	813 (9%)	343 (4%)	8,840
Lawrence	19 (2%)	64 (7%)	146 (15%)	230 (24%)	226 (23%)	198 (21%)	82 (8%)	965
Lebanon	85 (4%)	294 (15%)	384 (19%)	422 (21%)	449 (23%)	276 (14%)	83 (4%)	1,993
Lehigh	8 (1%)	59 (9%)	77 (11%)	90 (13%)	214 (31%)	154 (22%)	87 (13%)	689
Luzerne	7 (1%)	31 (4%)	52 (7%)	129 (18%)	213 (29%)	190 (26%)	113 (15%)	735
Lycoming	21 (1%)	80 (5%)	163 (10%)	311 (19%)	428 (26%)	390 (24%)	225 (14%)	1,618
McKean	5 (1%)	9 (2%)	22 (5%)	76 (19%)	139 (34%)	113 (28%)	42 (10%)	406
Mercer	53 (3%)	136 (7%)	237 (12%)	390 (20%)	572 (29%)	341 (18%)	213 (11%)	1,942
Mifflin	30 (3%)	144 (13%)	185 (16%)	226 (20%)	329 (29%)	158 (14%)	75 (7%)	1,147
Monroe	1 (0%)	35 (9%)	46 (12%)	63 (16%)	118 (30%)	102 (26%)	32 (8%)	397
Montgomery	26 (3%)	55 (5%)	122 (12%)	208 (21%)	289 (29%)	186 (19%)	119 (12%)	1,005
Montour	19 (3%)	64 (11%)	92 (16%)	94 (16%)	147 (25%)	96 (17%)	66 (11%)	578
Northampton	17 (2%)	59 (8%)	89 (11%)	128 (16%)	237 (30%)	169 (22%)	86 (11%)	785
Northumberland	37 (3%)	80 (7%)	202 (17%)	221 (18%)	300 (25%)	277 (23%)	90 (7%)	1,207
Perry	60 (4%)	146 (11%)	196 (15%)	244 (18%)	341 (25%)	208 (15%)	147 (11%)	1,342
Philadelphia	0 (0%)	45 (41%)	15 (14%)	27 (24%)	17 (15%)	7 (6%)	0 (0%)	111
Pike	0 (0%)	0 (0%)	9 (10%)	20 (22%)	40 (43%)	15 (16%)	9 (10%)	93
Potter	6 (1%)	49 (6%)	61 (8%)	147 (19%)	238 (31%)	185 (24%)	89 (11%)	775
Schuylkill	10 (1%)	110 (9%)	150 (13%)	228 (20%)	308 (27%)	247 (21%)	107 (9%)	1,160
Snyder	57 (4%)	214 (14%)	293 (20%)	279 (19%)	345 (23%)	213 (14%)	88 (6%)	1,489
Somerset	73 (3%)	209 (10%)	350 (17%)	367 (18%)	571 (27%)	354 (17%)	169 (8%)	2,093
Sullivan	4 (1%)	13 (4%)	31 (10%)	84 (26%)	66 (21%)	77 (24%)	43 (14%)	318
Susquehanna	21 (1%)	50 (3%)	119 (8%)	318 (22%)	433 (29%)	354 (24%)	179 (12%)	1,474
Tioga	43 (2%)	119 (7%)	168 (9%)	332 (18%)	476 (26%)	417 (23%)	247 (14%)	1,802
Union	29 (3%)	186 (19%)	176 (18%)	188 (19%)	223 (23%)	118 (12%)	60 (6%)	980
Venango	2 (0%)	55 (8%)	73 (11%)	135 (21%)	175 (27%)	142 (22%)	71 (11%)	653
Warren	18 (2%)	34 (4%)	64 (8%)	121 (16%)	251 (33%)	199 (26%)	75 (10%)	762
Washington	20 (1%)	145 (5%)	261 (9%)	459 (15%)	919 (31%)	756 (25%)	419 (14%)	2,979
Wayne	19 (2%)	75 (7%)	131 (12%)	179 (16%)	298 (27%)	262 (24%)	122 (11%)	1,086
Westmoreland	27 (1%)	103 (5%)	196 (10%)	309 (16%)	573 (31%)	405 (22%)	264 (14%)	1,877
Wyoming	9 (1%)	62 (9%)	68 (10%)	130 (19%)	148 (22%)	170 (25%)	83 (12%)	670
York	93 (3%)	337 (9%)	405 (11%)	716 (20%)	971 (27%)	691 (19%)	349 (10%)	3,562
PA Total	2,457 (3%)	9,038 (10%)	12,180 (13%)	17,096 (19%)	23,762 (26%)	17,269 (19%)	8,659 (10%)	90,461

Source: USDA Census of Agriculture, 2017

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This report was prepared by Emily Ciganik, Timothy W. Kelsey, and Alyssa Gurklis. For questions about this report, please contact Timothy Kelsey at tkelsey@psu.edu.

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Alyssa Gurklis at azg5380@psu.edu

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