

The Pennsylvania  
Farm Market

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*Pennsylvania Farmer*  
Pittsburgh



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THE PENNSYLVANIA FARM MARKET

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Blue Sheets are guides to each section.

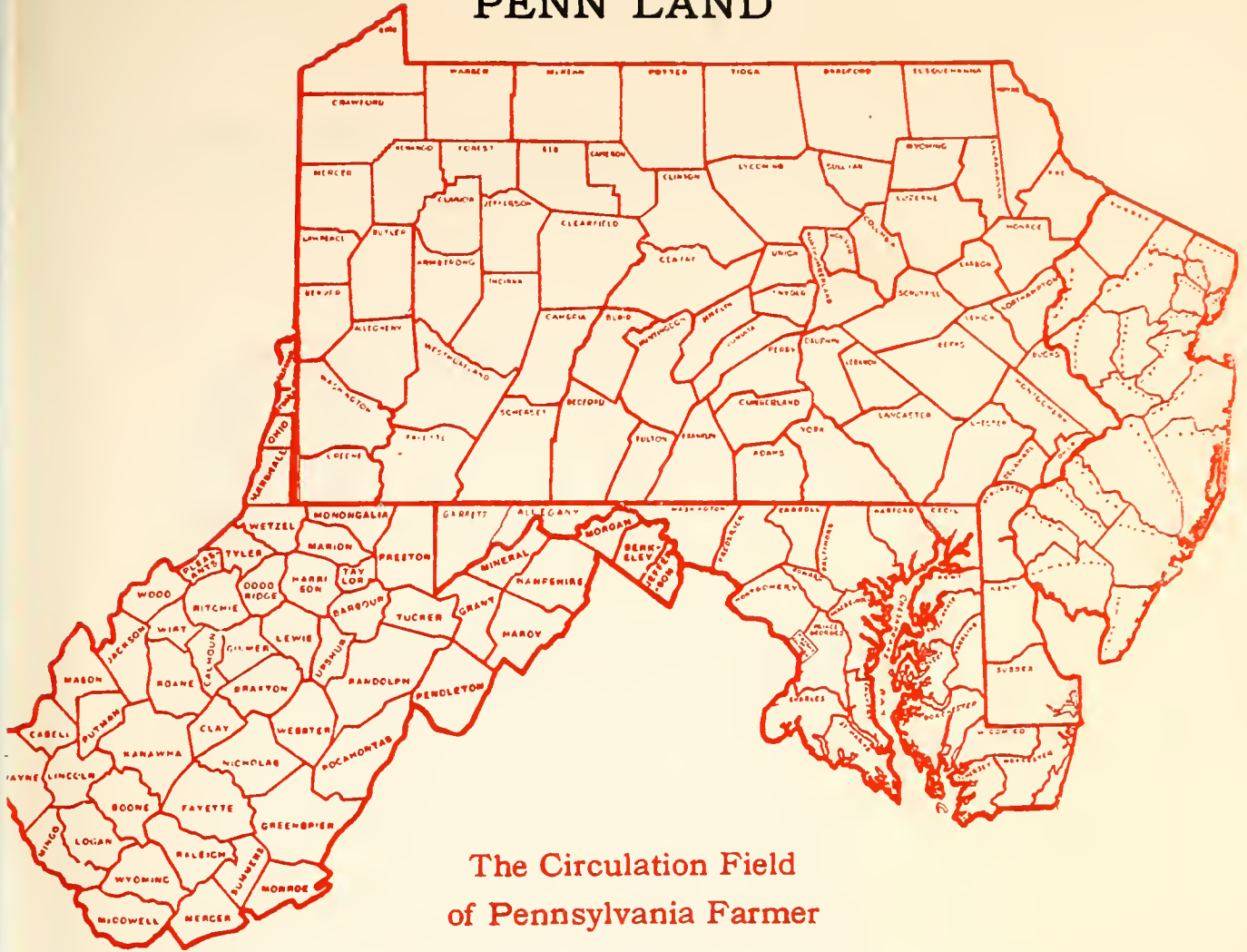
Pennsylvania Farmer goes regularly to 2 of every 3 farms in

Pennsylvania--far more than any other publication.

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# PENN LAND



## The Circulation Field of Pennsylvania Farmer

Farmers in this field have the advantage of the most concentrated population in the country—a field consuming more food products than it produces.

### POPULATION PER SQUARE MILE OF LAND AREA—1930

Pennsylvania, New Jersey, Delaware, Maryland and West Virginia, average .....	196
Remaining 43 States .....	37

With immediate home markets, most farm products are delivered without freight costs, and in any case, with only a very low freight cost. Motor trucks are used more extensively than in any other section of the country.

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## THE BEST MARKETING AND DISTRIBUTING FIELD IN THE COUNTRY

Incorporated towns of over 1,000 inhabitants—1930

		Penna.	N. J.	Md.	Del.	W. Va.	Number Towns	Population
1,000 to 2,500	Pop.	216	85	26	10	62	399	651,079
2,500 to 5,000	"	149	53	12	4	17	235	835,866
5,000 to 10,000	"	103	50	3	-	12	168	1,192,217
10,000 to 25,000	"	75	40	3	-	5	123	1,893,225
25,000 to 100,000	"	22	20	2	-	5	49	2,373,936
Over 100,000	"	5	6	1	1	-	13	5,157,030
<b>Total</b>		<b>570</b>	<b>254</b>	<b>47</b>	<b>15</b>	<b>101</b>	<b>987</b>	<b>12,103,353</b>

This town population of 12,103,353 (comprising a local market for Penn Land farm products) is greater than the corresponding town population of 24 other states.

570  
216  

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354

In the Five States in which "Pennsylvania Farmer" circulates there is:

- 14.0% of the Population of the United States
- 10.8% of the Rural Population
- 16.6% of the Urban Population
- 12.1% of the Milk Sold
- 10.1% of the Chickens and Eggs Sold
- 10.8% of the Potato Crop
- 13.0% of the Vegetable Acreage
- 15.1% of the Apple Crop

Within easy reach of the Pennsylvania farmer's motor truck are:

- Pennsylvania's 354 towns of more than 2,500 population, (almost twice as many such towns as any other state.)
- 30% of all U. S. towns of more than 2,500 population (in Pennsylvania and states which border Pennsylvania).
- 39% of all U. S. consumers in towns of over 2,500 population (in Pennsylvania and bordering states).

It logically follows that this is one of the richest agricultural fields in the country, which no manufacturer can afford to overlook.

- ¶ A state farm paper can give attention to every subject of national or general interest that a national farm paper can.
- ¶ It also gives attention to local events, conditions, needs, crops, markets that a national cannot touch upon.
- ¶ Although the state paper is narrower in so far as area covered is concerned---it is broader when content is considered.
- ¶ The state paper cannot (*for production reasons*) compare with the national in mechanical excellence and appearance\* ---it does not have to, and does not suffer in reader interest---its local content always makes it the favorite of the "Home Folks."
- ¶ From its lack of mechanical excellence and appearance, the state paper has no appeal for city folks---so it naturally finds its readers on the farms, where the people understand and accordingly value it.

\*Any more than a newspaper compares with a four-color monthly.)

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**RURAL POPULATION IN PENNSYLVANIA**

Only one state has a rural population greater than Pennsylvania's.

County	Rural Population	County	Rural Population
*Adams .....	31,544	Lackawanna .....	29,213
Allegheny .....	211,931	*Lancaster .....	106,052
*Armstrong .....	54,696	Lawrence .....	37,616
Beaver .....	46,001	*Lebanon .....	34,572
*Bedford .....	34,356	Lehigh .....	45,950
*Berks .....	91,146	Luzerne .....	101,039
Blair .....	37,491	Lycoming .....	33,142
*Bradford .....	32,661	*McKean .....	29,629
Bucks .....	66,637	Mercer .....	39,001
*Butler .....	56,912	*Mifflin .....	23,889
Cambria .....	92,647	*Monroe .....	16,226
Cameron .....	2,378	Montgomery .....	89,971
Carbon .....	24,537	*Montour .....	7,332
*Centre .....	33,440	Northampton .....	47,779
*Chester .....	74,485	Northumberland .....	55,482
*Clarion .....	31,330	*Perry .....	21,744
*Clearfield .....	62,771	*Pike .....	7,483
*Clinton .....	18,704	*Potter .....	14,749
*Columbia .....	27,050	Schuylkill .....	96,243
*Crawford .....	38,227	*Snyder .....	16,039
*Cumberland .....	34,514	*Somerset .....	64,099
Dauphin .....	50,013	*Sullivan .....	7,499
Delaware .....	75,851	*Susquehanna .....	25,394
Elk .....	14,948	*Tioga .....	28,228
Erie .....	41,846	*Union .....	14,160
*Fayette .....	151,136	Venango .....	27,560
*Forest .....	5,180	*Warren .....	26,590
*Franklin .....	38,067	*Washington .....	118,193
*Fulton .....	9,231	*Wayne .....	22,930
*Greene .....	36,852	*Westmoreland .....	149,801
*Huntingdon .....	26,571	*Wyoming .....	15,517
*Indiana .....	57,858	*York .....	87,089
*Jefferson .....	32,291		
*Juniata .....	14,325	Total .....	3,097,839

Pennsylvania's rural population is greater than the total population in each of 36 states.

\*44 of the state's 67 counties have more rural than urban population.

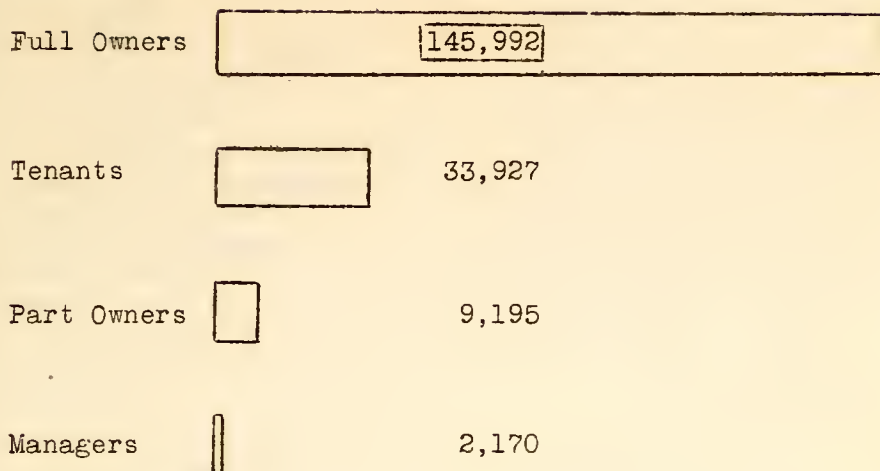
(Rural, by U. S. Census definition, means people living on farms or in towns under 2,500 population.)







FARM OPERATORS IN PENNSYLVANIA



Percentage of Farm Operators in Penna. and U.S.

	<u>Full Owners</u>	<u>Tenants</u>	<u>Part Owners</u>	<u>Managers</u>
Pennsylvania	76.3%	17.8%	4.8%	1.1%
U. S.	47.1%	42.1%	10.1%	0.7%

PENNSYLVANIA exceeds all states but three in farms operated by full Owners

Source - 1935 Census Figures

56M-14





*Pennsylvania Is An Agricultural State*

PENNSYLVANIA'S AGRICULTURAL RANK

Crops

Farm Buildings and Equipment

Value of buckwheat  
 Production cigar leaf tobacco  
 Value of potatoes grown  
 Value of farm gardens  
 Production clover and timothy hay  
 Value of greenhouse products  
 Value of apples produced  
 Value vegetables produced  
 Value of maple products  
 Value of hay produced  
 Ensilage corn production  
 Cherry production  
 Grape production  
 Value of peaches produced  
 Value of nursery products  
 Value of farm forest products  
 Timothy seed production  
 Value of rye produced  
 Value of pears produced  
 Value of small fruits  
 Production of winter wheat  
 Value of oats produced  
 Production of clover seed  
 Value of all principal crops

4 Number farm owned motor trucks  
 4 Water piped into farm dwellings  
 5 Farms with high line electric hook-up  
 5 Value of farm buildings  
 6 Gas engines on farms  
 7 Electric motors for farm work  
 8 Value farm implement machinery  
 10 Number farm owned automobiles  
 12 Farm families with radio sets  
 13 Telephones on farms  
 15 Tractors on farms

Miscellaneous

1 Local farm markets  
 1 Non-resident hunting licenses issued  
 1 Revenue from hunting licenses  
 1 Number farmer-trappers  
 1 Number farmer-beckkeepers  
 2 Rural population  
 3 Farm expenditures for feed  
 4 Farms operated by owners  
 7 Expenditures for fertilizer  
 11 Farm cash income (9 excluding  
     Benefit Payments)

Livestock, Poultry and Products

Value of chickens on farms  
 Cash income from milk  
 Cash income poultry products  
 Value eggs produced  
 Baby chicks purchased  
 Value all cattle  
 Value of all livestock

Over a period of years Pennsylvania has ranked from 14th to 8th among all states in farmers' cash income.

This does not include \$44,000,000 worth of farm products for home use, nor substantial revenue many farm families receive from underlying oil, gas, coal, and from off-season work in nearby mills and factories.

(Source - latest government figures available as of November 1, 1936)

Pennsylvania does not rank below 15th in any of these items and compares favorably with other states, which are usually considered almost exclusively agricultural states.

~~Item 1~~  
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## Pennsylvania Is An Agricultural State

### PENNSYLVANIA -- AN AGRICULTURAL STATE

(Pennsylvania farm statistics for 1935 as compiled by  
the Pennsylvania and U. S. Departments of Agriculture)

Farm cash income (not including \$1,390,000 in AAA crop adjustment payments -----	\$ 231,400,000
"    "    "    from dairy products -----	\$92,037,000
"    "    "    "    crops produced -----	67,588,000
"    "    "    "    poultry products --	42,507,000
"    "    "    "    other sources -----	29,268,000
 Value of farm crops produced -----	 \$ 135,232,000
"    "    livestock (horses, cattle, sheep, mules and swine) Jan. 1, 1936 -----	 137,235,000
"    "    poultry, Jan. 1, 1936 -----	19,683,000

#### Principal Field Crops

	<u>Acreage</u>	<u>Production</u>	<u>Value</u>
Corn	1,277,000	58,742,000 bus.	\$ 41,119,000
Tame Hay	2,429,000	3,241,000 tons	32,734,000
Potatoes	198,000	22,572,000 bus.	13,543,000
Winter Wheat	896,000	18,816,000 bus.	15,053,000
Oats	897,000	26,013,000 bus.	10,925,000
Tobacco	20,700	26,910,00 lbs.	3,229,000
Buckwheat	146,000	2,847,000 bus.	1,480,000
Barley	58,000	1,595,000 bus.	893,000
Rye	111,000	1,665,000 bus.	966,000

#### Principal Fruits

	<u>Production</u>	<u>Value</u>
Apples	11,440,000 bus.	\$ 8,351,000
Peaches	1,675,000 bus.	1,926,000
Grapes	27,750 tons	569,000
Pears	370,000 bus.	296,000
Cherries	7,360 tons	294,000

#### Livestock Products

	<u>Production</u>	<u>Value</u>
Milk	541,928,000 gals.	\$ 108,402,000
Eggs	134,666,667 doz.	35,552,000
*Butter	15,800,000 lbs.	3,792,000
Wool	3,192,000 lbs.	798,000
*Honey	2,935,050 lbs.	432,270

\*1934 figures, latest available

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Section One

FARM CASH INCOME

Only two states exceeded Pennsylvania in farmers' cash income from milk and poultry products in 1935. Although the 32nd state in size, and very important industrially, Pennsylvania always ranks among the first 14 states in farm income.



## *Pennsylvania Is An Agricultural State*

Source of 1935 Farm Cash Income in Pennsylvania  
(Diversity of production shown by 33 commodities sold)

<u>Commodity</u>	<u>Cash Income</u>
Milk	\$ 92,037,000
Eggs	28,996,000
Cattle and Calves	19,847,000
Chickens	13,511,000
Potatoes	11,439,000
Wheat	9,027,000
Greenhouse Products	8,838,000
Truck Crops	8,260,000
Hogs	7,171,000
Apples	6,848,000
Hay (all)	5,950,000
Tobacco	3,421,000
Nursery Products	3,308,000
Corn	3,196,000
Forest Products	1,668,000
Peaches	1,552,000
Sheep and Lambs	1,138,000
Strawberries	896,000
Wool	798,000
Oats	636,000
Buckwheat	633,000
Grapes	482,000
Small Fruits	358,000
Honey	314,000
Rye	281,000
Maple Sugar & Syrup	192,000
Pears	157,000
Cherries	150,000
Cloverseed	126,000
Plum, prunes, cherries and apricots	71,000
Barley	51,000
Timothy Seed	40,000
Popcorn	8,000
Cash Income	\$ 231,400,000

Pennsylvania is the NINTH state in  
cash income from sale of 78 crops  
and 13 livestock items.

1261-6

Source - Penna. Dept. of Agri.

*Pennsylvania Farmer Covers It Best*





*Pennsylvania Is An Agricultural State*

Farm Cash Income in Pennsylvania  
(Exclusive of AAA Benefit Payments)  
1932 - 1935\*

County	1935* Cash Income	1934 Cash Income	1933 Cash Income	1932 Cash Income
Adams	\$ 17,118,500	\$ 15,296,600	\$ 13,529,100	\$ 12,677,600
Allegheny	11,808,200	10,735,000	9,559,300	8,371,300
Armstrong	11,100,800	9,798,900	8,264,600	6,955,200
Berks	8,577,300	7,609,300	6,755,200	6,100,500
Blair	8,390,800	7,508,300	6,614,700	5,689,400
Butler	6,873,600	6,056,100	5,351,500	4,884,000
Cambridge	6,317,900	5,633,000	5,019,600	4,857,000
Carbon	5,830,800	5,422,000	4,490,200	3,551,700
Chester	5,799,500	5,171,400	4,275,100	4,036,100
Clearfield	5,592,700	5,092,500	4,627,000	4,366,100
Columbia	5,310,000	4,757,100	4,179,100	3,839,700
Dauphin	4,808,300	4,219,400	3,786,800	3,331,800
Delaware	4,786,800	4,324,600	3,780,300	3,739,000
Elk	4,512,400	4,180,000	3,206,700	2,893,900
Fayette	4,452,400	3,924,600	3,520,600	3,303,900
Harrisburg	4,450,700	3,995,400	3,377,500	2,893,000
Hershey	4,411,900	3,971,000	3,707,000	2,970,000
Juniata	4,347,800	3,949,400	3,590,900	3,215,500
Lancaster	4,336,000	3,879,000	3,310,300	3,304,200
Lebanon	3,691,100	3,232,300	2,717,700	2,691,500
Lehigh	3,629,800	3,278,500	2,871,300	2,204,900
Lycoming	3,441,200	3,072,600	2,810,000	2,432,900
Mechanicville	3,373,800	3,012,600	2,622,400	2,499,200
Montgomery	3,342,000	3,029,900	2,826,600	2,466,600
Northampton	3,228,100	3,017,800	2,873,300	2,142,600
Northumberland	3,183,500	2,863,700	2,477,200	2,273,600
Perry	3,067,200	2,804,500	2,645,000	2,163,000
Richmond	2,970,200	2,627,800	2,322,900	2,193,100
Schuylkill	2,963,800	2,719,800	2,563,900	2,177,400
Snyder	2,960,500	2,656,100	2,430,400	2,067,000
Tioga	2,545,500	2,336,700	2,119,700	1,810,600
Union	2,500,300	2,242,500	2,065,300	1,873,100
Washington	2,377,000	2,130,800	1,857,500	1,652,100
Westmoreland	2,323,800	2,067,200	1,845,600	1,763,100
York	2,266,900	1,888,500	1,715,600	1,541,800
Adams	2,233,000	1,958,900	1,816,000	1,699,900
Allegheny	2,206,600	2,026,000	1,800,200	1,503,600
Armstrong	2,206,100	1,962,700	1,683,700	1,544,500
Blair	2,175,300	1,954,800	1,593,300	1,432,500
Butler	2,154,700	1,959,200	1,771,000	1,661,200
Clearfield	2,110,500	1,908,500	1,805,500	1,607,800
Dauphin	1,973,800	1,728,500	1,414,200	1,532,800
Franklin	1,911,500	1,688,900	1,604,400	1,547,500

(Over)

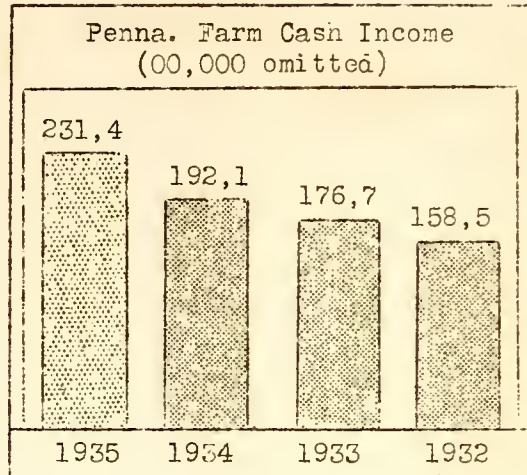
<u>County</u>	<u>1935*</u> <u>Cash Income</u>	<u>1934</u> <u>Cash Income</u>	<u>1933</u> <u>Cash Income</u>	<u>1932</u> <u>Cash Income</u>
Jefferson	\$ 1,911,400	\$ 1,747,600	\$ 1,571,600	\$ 1,303,500
Potter	1,866,600	1,728,100	1,588,200	1,273,500
Clarion	1,839,000	1,618,000	1,444,300	1,322,300
Huntingdon	1,823,700	1,599,300	1,483,200	1,360,100
Wyoming	1,822,600	1,654,600	1,440,300	1,445,700
Beaver	1,767,300	1,574,600	1,419,800	1,352,200
Clearfield	1,702,900	1,547,000	1,356,100	1,185,700
Union	1,654,400	1,525,600	1,247,100	1,083,500
Snyder	1,579,100	1,385,200	1,268,300	1,147,800
Mifflin	1,554,800	1,361,300	1,248,600	1,120,400
Juniata	1,535,500	1,360,300	1,155,800	1,089,100
Venango	1,471,600	1,306,600	1,092,100	1,064,200
Monroe	1,286,800	1,158,300	1,056,600	948,100
Fulton	1,217,300	1,115,900	783,200	708,600
Philadelphia	1,189,200	1,079,500	1,001,500	868,700
McKean	1,022,600	919,300	826,000	809,600
Clinton	989,700	901,800	785,900	673,600
Montour	847,500	776,300	609,400	524,400
Carbon	773,600	710,000	679,000	608,000
Sullivan	743,800	666,100	553,100	522,000
Elk	556,100	504,400	435,600	407,300
Pike	392,300	344,900	279,800	296,100
Forest	171,800	152,400	138,600	133,200
Cameron	117,800	105,300	96,700	80,200
<b>Total</b>	<b>\$ 223,500,000</b>	<b>\$ 200,535,000</b>	<b>\$ 176,579,000</b>	<b>\$ 158,590,000</b>

\*1935 Cash Income forecast based on price level prevailing to September 15, 1935

Source - Penna. Dept. of Agri.

Pennsylvania Farm Cash Income Increased 20% in 1935  
 (\$73,000,000 more than 1932 cash income)

Farm cash income in Pennsylvania has shown a substantial increase in the past three years, according to recent figures released by the Pennsylvania Department of Agriculture.



Pennsylvania farmers received \$231,400,000 from the sale of farm products in 1935.

This is \$39,234,000 greater than the 1934 cash income (\$192,166,000) and is also an increase of \$72,810,000 above the cash income received by farmers in 1932 (\$158,590,000.)

<u>Year</u>	<u>Cash Income</u>	<u>1935 Percent Increase</u>
1932	\$ 158,590,000	45.9%
1933	176,759,000	30.9
1934	192,166,000	20.4
1935	231,400,000	--

The above totals do not include AAA benefit payments amounting to \$828,000 in 1933; \$2,034,000 in 1934 and \$1,390,000 in 1935.

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***Pennsylvania Is An Agricultural State***

Comparison of Farm Cash Income in Pennsylvania  
(Exclusive of AAA Benefit Payments)

1934 - 1935\*

<u>County</u>	<u>1935*</u> <u>Cash Income</u>	<u>1934</u> <u>Cash Income</u>	<u>Increase</u> <u>1935 over '35</u>	<u>Percent Increase</u> <u>1935 over '34</u>
Lancaster	\$ 17,118,500	\$ 15,296,600	\$ 1,821,900	11.9%
Chester	11,808,200	10,735,000	1,073,200	10.0
York	11,100,800	9,798,900	1,301,900	13.3
Bucks	8,577,300	7,609,300	968,000	12.7
Berks	8,390,800	7,508,300	882,500	11.7
Montgomery	6,873,600	6,056,100	817,500	13.5
Bradford	6,317,900	5,633,000	684,900	12.2
Franklin	5,830,800	5,422,000	408,800	7.5
Crawford	5,799,500	5,171,400	628,100	12.1
Erie	5,592,700	5,092,500	500,200	9.8
Allegheny	5,310,000	4,757,100	552,900	11.6
Washington	4,808,300	4,219,400	588,900	14.0
Susquehanna	4,786,800	4,324,600	462,200	10.7
Adams	4,512,400	4,180,000	332,400	7.9
Westmoreland	4,452,200	3,924,600	527,800	13.4
Cumberland	4,450,700	3,995,400	455,300	11.4
Somerset	4,411,900	3,971,000	440,900	11.1
Tioga	4,347,800	3,949,400	398,400	10.1
Wayne	4,336,000	3,879,000	457,000	11.8
Mercer	3,691,100	3,232,300	458,800	14.2
Lebanon	3,629,800	3,278,500	351,300	10.7
Bedford	3,441,200	3,072,600	368,600	12.0
Butler	3,373,800	3,012,600	361,200	12.0
Northampton	3,342,000	3,029,900	312,100	10.3
Lehigh	3,228,100	3,017,800	210,300	7.0
Lycoming	3,183,500	2,863,700	319,800	11.2
Schuylkill	3,067,200	2,804,500	262,700	9.4
Dauphin	2,970,200	2,627,800	342,400	13.0
Luzerne	2,963,800	2,719,800	244,000	9.0
Centre	2,960,500	2,656,100	304,400	11.5
Columbia	2,545,500	2,336,700	208,800	8.9
Indiana	2,500,300	2,242,500	257,800	11.5
Northumberland	2,377,000	2,130,800	246,200	11.6
Lawrence	2,323,800	2,067,200	256,600	12.4
Greene	2,266,900	1,888,500	378,400	20.0
Fayette	2,233,000	1,958,900	274,100	14.0
Cambria	2,206,600	2,026,000	180,600	8.9
Armstrong	2,206,100	1,962,700	243,400	12.4
Delaware	2,175,300	1,954,800	220,500	11.3
Blair	2,154,700	1,959,200	195,500	10.0
Lackawanna	2,110,500	1,908,500	202,000	10.6
Perry	1,973,800	1,728,500	245,300	14.2

(Over)

<u>County</u>	<u>1935*</u> <u>Cash Income</u>	<u>1934</u> <u>Cash Income</u>	<u>Increase</u> <u>1935 over '34</u>	<u>Percent Incre.</u> <u>1935 over '34</u>
Warren	\$ 1,911,500	\$ 1,688,900	\$ 222,600	13.2%
Jefferson	1,911,400	1,747,600	163,800	9.4
Potter	1,866,600	1,728,100	138,500	8.0
Clarion	1,839,000	1,618,200	220,800	13.6
Huntingdon	1,823,700	1,599,300	224,400	14.0
Wyoming	1,822,600	1,654,600	168,000	10.1
Beaver	1,767,300	1,574,600	192,700	12.2
Clearfield	1,702,900	1,547,000	155,900	10.1
Union	1,654,400	1,525,600	128,800	8.4
Snyder	1,579,100	1,385,200	193,900	14.0
Mifflin	1,554,800	1,361,300	193,500	14.2
Juniata	1,535,500	1,360,300	175,200	12.9
Venango	1,471,600	1,306,600	165,000	12.6
Monroe	1,286,800	1,158,300	128,500	11.1
Fulton	1,217,300	1,115,900	101,400	9.1
Philadelphia	1,189,200	1,079,500	109,700	10.2
McKean	1,022,600	919,300	103,300	11.2
Clinton	989,700	901,800	87,900	9.7
Montour	847,500	776,300	71,200	9.2
Carbon	773,600	710,000	63,600	9.0
Sullivan	743,800	666,100	77,700	11.7
Elk	556,100	504,400	51,700	10.2
Pike	392,300	344,900	47,400	13.7
Forest	171,800	152,400	19,400	12.7
Cameron	117,800	105,300	12,500	11.9%
Total	\$ 223,500,000	\$ 200,535,000	\$ 22,965,000	11.5%

\*1935 Cash Income forecast based on price level prevailing to Sept. 15, 1935

Source - Penna. Dept. of Agri.

*Pennsylvania Is An Agricultural State*

AAA Payments Made to Pennsylvania Farmers

\*May 12, 1933 to December 31, 1935

<u>County</u>	<u>AAA Payments</u>	<u>County</u>	<u>AAA Payments</u>
Adams	\$ 73,286.04	Lancaster	\$ 1,894,535.59
Allegheny	2,293.43	Lawrence	1,913.51
Armstrong	687.11	Lebanon	39,674.32
Beaver	2,410.05	Lehigh	19,276.49
Bedford	13,710.35	Luzerne	9,500.88
Berks	70,686.58	Lycoming	20,643.12
Blair	15,574.12	McKean	---
Bradford	7,544.48	Mercer	3,745.68
Bucks	27,941.23	Mifflin	4,489.05
Butler	4,722.68	Monroe	616.53
Cambria	1,437.85	Montgomery	51,372.25
Cameron	---	Montour	15,836.97
Carbon	1,383.06	Northampton	23,915.60
Centre	18,407.46	Northumberland	21,189.38
Chester	94,161.46	Perry	39,011.41
Clarion	3,578.46	Philadelphia	---
Clearfield	286.60	Pike	---
Clinton	28,661.50	Potter	591.27
Columbia	34,761.79	Schuylkill	10,544.59
Crawford	4,631.28	Snyder	10,454.14
Cumberland	93,654.59	Somerset	5,733.68
Dauphin	35,771.56	Sullivan	3,149.23
Delaware	21,565.71	Susquehanna	5,967.28
Elk	797.75	Tioga	10,922.21
Erie	2,686.88	Union	38,928.94
Fayette	1,659.97	Venango	2,238.96
Forest	231.38	Warren	1,602.11
Franklin	197,331.33	Washington	8,494.24
Fulton	16,612.15	Wayne	---
Greene	17,639.89	Westmoreland	2,281.63
Huntingdon	16,873.64	Wyoming	---
Indiana	2,737.39	York	205,772.78
Jefferson	5,864.70		
Juniata	10,112.80	Total	\$ 3,282,107.11
Lackawanna	---		

\*Beginning of AAA

Source - Agricultural Adjustment Administration

The first part of the history of the United States is the history of the colonies. The colonies were first settled by Englishmen in 1607, and they grew in number and in power until the middle of the eighteenth century. At that time they began to feel the weight of British rule, and they began to demand more freedom. This led to the American Revolution, which was fought from 1775 to 1783. The result was the independence of the United States.

The second part of the history of the United States is the history of the nation. The United States was founded in 1787, and it has since then grown in size and in power. It has become a world power, and it has played a leading role in the world since the end of the second world war.

The third part of the history of the United States is the history of the people. The people of the United States have made many contributions to the world, and they have played a leading role in the world since the end of the second world war.



Section Two

PRINCIPAL CROPS

Some years Pennsylvania is the first state in the Union in cash income from potatoes grown. Every important commercial crop is produced in Pennsylvania, except cotton, citrus fruits, and peanuts.



*Pennsylvania Is An Agricultural State*

Production and Value of CORN in Pennsylvania

1935

(78% of all Pennsylvania farms grow corn)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Adams	1,660,640	1,212,270	Union	670,360	\$ 408,920
Allegheny	501,430	386,100	Schuylkill	643,290	501,770
Armstrong	870,100	669,980	Juniata	612,240	404,080
Berks	2,757,240	1,930,070	Mifflin	604,610	368,810
Blair	583,100	414,000	Blair	583,100	414,000
Butler	1,030,520	814,120	Susquehanna	565,220	452,180
Cambria	305,720	232,350	Tioga	558,180	429,800
Carbon	140,000	103,600	Allegheny	501,430	386,100
Cameron	21,420	16,070	Jefferson	453,360	303,750
Cass	1,228,370	922,000	Fulton	447,280	281,790
Clearfield	416,700	320,860	Beaver	441,700	331,280
Clinton	351,120	235,250	Luzerne	417,250	312,940
Delaware	269,350	180,460	Clearfield	416,700	320,860
Franklin	2,349,710	1,433,320	Montour	380,140	230,890
Harrisburg	1,114,340	702,030	Clinton	351,120	235,250
Hershey	1,030,520	814,120	Venango	348,080	215,810
Huntingdon	778,180	521,380	Wayne	307,570	252,210
Indiana	851,030	519,130	Cambria	305,720	232,350
Juniata	612,240	404,080	Wyoming	288,870	225,320
Lancaster	5,327,030	\$ 3,835,460	Delaware	269,350	180,460
Lebanon	1,301,370	910,960	Warren	252,380	201,910
Lehigh	902,940	586,910	Monroe	239,650	179,740
Luzerne	417,250	312,940	Lackawanna	177,640	156,320
Mifflin	604,610	368,810	Carbon	140,000	103,600
Montgomery	1,266,310	899,080	Potter	112,290	88,710
Northampton	1,114,340	702,030	Sullivan	99,300	76,460
Northumberland	1,016,460	620,040	McKean	57,220	38,340
Perry	892,380	562,200	Elk	47,110	36,270
Pike	28,630	20,620	Philadelphia	43,850	28,940
Schuylkill	643,290	501,770	Forest	41,900	30,170
Susquehanna	565,220	452,180	Forest	41,900	30,170
Tioga	558,180	429,800	Cameron	21,420	16,070
Union	670,360	408,920	Pike	28,630	20,620
York	3,765,640	2,786,570	Total	60,896,000	\$ 42,627,000

"Corn prices received by Pennsylvania farmers in 1935 were 4% higher than U. S. average prices."

Source - Penna. Department of Agriculture

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*Pennsylvania Is An Agricultural State*

Production and Value of TAME HAY in Pennsylvania

1935

(76% of all Pennsylvania farms grow Timothy and Clover Hay)

<u>County</u>	<u>Tons</u>	<u>Value</u>	<u>County</u>	<u>Tons</u>	<u>Value</u>
Lancaster	142,900	\$ 1,557,600	Allegheny	38,780	\$ 511,900
Bradford	142,850	971,380	Northampton	38,710	572,910
Crawford	133,000	837,900	Lehigh	36,970	399,270
Tioga	124,040	793,860	Beaver	36,110	418,880
Chester	108,860	1,023,280	Clearfield	35,950	452,970
Susquehanna	107,680	926,050	Venango	34,670	339,770
York	105,920	1,038,020	Schuylkill	33,600	446,880
Erie	98,410	669,190	Columbia	32,800	387,040
Washington	97,900	930,050	Huntingdon	30,520	421,180
Berks	92,900	1,161,250	Northumberland	30,390	373,800
Westmoreland	88,430	866,610	Luzerne	29,570	422,850
Mercer	85,210	707,240	McKean	28,230	302,060
Wayne	80,910	954,740	Wyoming	26,130	269,140
Somerset	78,550	738,370	Blair	25,180	334,890
Franklin	78,510	722,290	Perry	24,560	255,420
Butler	70,960	674,120	Juniata	22,840	303,770
Lebanon	70,110	834,310	Lackawanna	22,570	282,120
Bucks	64,560	658,510	Snyder	22,100	296,140
Adams	62,550	550,440	Union	20,750	224,100
Greene	61,230	642,920	Mifflin	20,080	206,820
Potter	58,010	597,500	Fulton	16,590	179,170
Indiana	56,980	541,310	Monroe	16,320	251,350
Cumberland	56,700	549,990	Sullivan	14,960	116,690
Clarion	50,540	505,400	Elk	14,900	175,920
Armstrong	50,100	475,950	Montour	13,370	137,710
Montgomery	48,990	485,000	Clinton	13,090	161,010
Jefferson	47,320	511,060	Delaware	13,080	162,190
Lycoming	47,260	581,300	Carbon	9,240	127,510
Fayette	47,220	557,200	Forest	5,700	55,810
Bedford	44,850	461,960	Pike	3,340	50,100
Dauphin	44,340	545,380	Philadelphia	2,540	32,260
Centre	42,640	533,000	Cameron	2,450	25,230
Lawrence	42,340	372,590			
Cambria	41,280	569,660			
Warren	38,860	380,830	Total	3,329,000	\$ 33,623,000

26% more hay was produced in Pennsylvania in 1935 than in 1934. This was the fifth most valuable hay crop in the United States.

Source - Penna. Dept. of Agri.

106C-8



*Pennsylvania Is An Agricultural State*

Production and Value of POTATOES in Pennsylvania

1935

(75% of all Pennsylvania farms grow Irish Potatoes)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Lehigh	2,046,780	\$ 1,330,410	Lawrence	248,000	\$ 124,000
Lancaster	1,631,840	1,060,700	Clarion	237,180	130,450
York	1,169,000	748,160	Venango	224,480	123,460
Somerset	1,154,310	669,500	Montgomery	217,210	152,050
Dawford	1,002,000	571,140	Warren	212,440	118,970
Grie	998,800	589,290	Wayne	206,040	144,230
Schuylkill	931,700	596,290	Fayette	199,470	117,690
Berks	928,200	603,330	Clinton	198,360	119,020
Northampton	839,220	579,060	Wyoming	178,080	119,310
Mercer	750,780	412,930	Blair	171,690	171,690
Cambria	633,080	411,500	Monroe	170,560	119,390
Butler	623,070	336,460	Snyder	158,860	93,730
Columbia	621,780	404,160	Adams	154,780	102,150
Chester	564,570	389,550	Beaver	153,520	84,440
Luzerne	537,140	349,140	Union	147,660	88,600
Potter	499,100	299,460	Huntingdon	139,590	89,340
Lycoming	466,240	289,070	Juniata	132,300	79,380
Indiana	461,700	277,020	Perry	120,780	71,260
Lebanon	453,680	285,820	Elk	119,560	71,740
Bradford	413,100	260,250	Mifflin	101,850	65,180
Sucks	399,840	279,890	McKean	93,930	58,240
Clearfield	359,870	233,920	Montour	89,010	52,520
Jefferson	350,460	189,250	Washington	86,450	51,870
Centre	324,500	201,190	Delaware	72,800	45,860
Carbon	323,850	204,030	Allegheny	68,670	41,200
tioga	310,200	189,220	Fulton	67,640	40,580
Armstrong	307,400	156,770	Sullivan	63,500	40,640
Westmoreland	304,110	185,510	Greene	44,500	27,500
Northumberland	293,280	173,040	Forest	43,050	22,820
umberland	288,000	181,440	Cameron	32,240	19,670
ackawanna	282,030	183,320	Pike	23,140	16,200
Dauphin	280,330	182,210	Philadelphia	14,300	9,150
Susquehanna	272,600	179,920			
Bedford	268,290	155,610			
Franklin	253,510	152,110	Total	25,536,000	\$ 15,923,000

Pennsylvania's 1935 potato crop - with a slight decrease in acreage and 22% decrease in production - was 19% higher in value than the 1934 crop.

Source - Penna. Dept. of Agri.

106C-7





*Pennsylvania Is An Agricultural State*

Production and Value of WINTER WHEAT in Pennsylvania

1935

(45% of all Pennsylvania farms grow winter wheat)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Lancaster	2,442,550	\$1,929,610	Fayette	208,150	\$ 164,440
York	1,892,880	1,533,230	Lawrence	188,600	148,990
Franklin	1,385,770	1,136,330	Montour	167,180	137,090
Berks	1,127,280	901,820	Crawford	155,390	127,420
Cumberland	764,170	618,980	Jefferson	150,270	115,710
Chester	723,500	549,860	Allegheny	132,090	105,670
Adams	645,740	542,420	Clinton	122,460	99,190
Lebanon	567,760	448,530	Beaver	107,140	84,640
Bucks	551,310	435,530	Greene	106,400	81,930
Westmoreland	498,440	388,780	Luzerne	91,980	78,180
Northampton	463,470	384,680	Erie	91,120	76,540
Centre	462,500	379,250	Clearfield	88,130	72,270
Lehigh	454,300	363,440	Cambria	76,380	63,400
Dauphin	419,760	327,410	Monroe	64,640	54,940
Bedford	411,460	316,820	Carbon	64,440	54,130
Columbia	406,640	341,580	Bradford	55,690	48,450
Montgomery	389,150	319,100	Venango	55,380	44,300
Perry	381,400	312,750	Delaware	46,010	36,810
Northumberland	358,860	287,090	Warren	17,960	15,270
Washington	325,640	244,230	Philadelphia	12,830	10,900
Indiana	313,880	238,550	Tioga	10,380	9,140
Huntingdon	306,250	241,940	Forest	9,230	7,660
Butler	303,890	249,190	Wyoming	6,480	5,640
Armstrong	300,300	234,230	Sullivan	5,400	4,480
Lycoming	296,140	239,870	Susquehanna	2,170	1,780
Clarion	293,370	222,960	Elk	1,800	1,440
Somerset	283,750	218,490	Pike	1,700	1,430
Juniata	276,180	218,180	Potter	1,050	870
Schuylkill	272,590	218,070	Lackawanna	660	510
Fulton	270,410	210,920	Wayne	600	490
Mifflin	263,200	205,300	McKean	340	280
Snyder	255,700	204,560	Cameron	--	--
Union	241,580	198,090			
Mercer	210,850	168,680			
Blair	208,280	164,540	Total	20,811,000	\$ 16,649,000

"Wheat prices received by Pennsylvania farmers were 3% higher than average U.S. prices."

Source - Penna. Dept. of Agri.

96C-2

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*Pennsylvania Is An Agricultural State*

Production and Value of OATS in Pennsylvania

1935

(57% of all Pennsylvania farms grow oats)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Berks	1,221,660	\$ 488,660	Union	354,020	\$ 127,440
Crawford	1,031,940	392,140	Adams	325,170	126,820
Somerset	921,840	405,610	Huntingdon	314,340	132,020
Mercer	863,460	328,110	Juniata	298,690	131,510
York	760,960	304,380	Montgomery	295,780	144,930
Erie	759,220	303,690	Venango	295,180	118,070
Westmoreland	743,350	312,210	Potter	282,370	129,890
Bradford	680,960	286,000	Mifflin	281,880	112,750
Lycoming	659,890	257,360	Blair	273,950	123,380
Butler	649,390	285,950	Susquehanna	269,840	132,220
Tioga	642,820	250,700	Luzerne	254,000	106,680
Centre	603,060	235,190	Warren	249,360	102,240
Chester	590,100	271,440	Allegheny	247,930	106,610
Cumberland	583,540	233,420	Montour	232,440	81,350
Clarion	582,890	233,160	Beaver	218,400	98,280
Washington	567,530	238,360	Clinton	189,860	72,150
Northampton	565,820	248,960	Greene	189,630	87,230
Columbia	565,440	220,520	Monroe	172,620	75,950
Bucks	553,320	254,530	Wayne	165,300	85,960
Northumberland	535,310	192,710	Franklin	132,250	52,900
Dauphin	528,080	237,640	Wyoming	126,520	64,520
Jefferson	513,600	210,580	Carbon	125,000	51,250
Indiana	480,340	192,140	Lackawanna	108,870	57,700
Lebanon	464,780	204,500	McKean	106,420	57,470
Perry	457,460	201,280	Sullivan	101,720	39,670
Lancaster	456,960	210,200	Elk	94,960	46,530
Lawrence	456,300	182,520	Fulton	48,400	20,530
Bedford	451,160	198,510	Forest	45,280	18,560
Schuylkill	447,950	210,540	Delaware	39,130	20,350
Armstrong	442,940	190,460	Cameron	19,870	8,740
Lehigh	429,120	188,810	Pike	13,480	6,070
Cambria	370,730	174,240	Philadelphia	6,510	2,860
Clearfield	361,230	169,780			
Fayette	356,400	153,250			
Snyder	355,580	135,120	Total	26,535,000	\$ 11,145,000

"Oat prices received by Pennsylvania farmers were 21% higher than U. S. average prices."

Source - Penna. Dept. of Agri.

96C-3



Production and Value of TOBACCO in Pennsylvania

1935

(2.2% of all Pennsylvania farms grow tobacco)

<u>County</u>	<u>Pounds</u>	<u>Value</u>
Lancaster	27,506,300	\$ 3,300,790
Chester	310,500	38,190
York	263,150	31,580
Clinton	106,400	13,410
Lycoming	105,000	13,120
Lebanon	98,000	11,760
Berks	48,000	5,950
Tioga	14,900	1,850
Juniata	12,500	1,500
Dauphin	11,750	1,470
Snyder	11,500	1,380
Total	28,488,000	\$ 3,421,000

Pennsylvania ranks FIRST in cigar leaf tobacco production

Pennsylvania's 1935 tobacco crop was one-third greater, and valued 70% higher than the 1934 crop.

1060-9



Production and Value of BUCKWHEAT in Pennsylvania

1935

(20% of all Pennsylvania farms grow buckwheat)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Bradford	295,840	\$ 153,840	Snyder	15,200	\$ 8,060
Tioga	220,800	117,020	Elk	14,720	9,130
Crawford	175,990	86,240	Bucks	13,340	8,140
Jefferson	154,370	74,100	McKean	13,300	6,650
Somerset	154,160	86,330	Montour	12,600	6,430
Indiana	145,600	72,800	Centre	11,590	6,610
Erie	118,730	58,180	Forest	10,960	5,810
Clearfield	113,470	55,600	Juniata	10,860	5,650
Clarion	106,690	51,210	Lackawanna	10,320	6,400
Mercer	100,070	48,030	Northampton	9,980	6,490
Lycoming	87,150	44,450	Clinton	7,650	3,900
Venango	86,330	41,440	Adams	6,040	3,440
Armstrong	80,010	40,010	York	5,230	3,290
Bedford	78,210	39,110	Berks	4,500	2,740
Butler	70,600	34,590	Mifflin	4,200	2,180
Susquehanna	66,250	39,090	Lehigh	4,180	2,590
Cambria	64,250	37,260	Franklin	3,900	2,140
Potter	61,560	32,010	Dauphin	3,820	1,950
Columbia	46,070	23,960	Allegheny	3,560	1,780
Warren	45,940	22,510	Montgomery	3,370	2,020
Sullivan	37,810	19,660	Pike	3,300	2,080
Monroe	36,310	20,700	Beaver	2,400	1,270
Northumberland	36,080	19,480	Union	2,280	1,190
Fayette	34,530	18,650	Lancaster	1,720	1,070
Wyoming	31,580	16,420	Washington	1,560	810
Luzerne	28,950	17,950	Cameron	1,040	540
Fulton	26,720	14,430	Chester	990	610
Wayne	24,010	15,130	Greene	980	480
Schuylkill	23,720	13,520	Cumberland	600	300
Westmoreland	23,220	14,000	Lebanon	450	270
Huntingdon	21,010	11,560	Delaware		
Perry	18,060	9,570	Philadelphia		
Blair	17,850	10,710			
Lawrence	15,220	7,760			
Carbon	15,200	8,660	Total	2,847,000	\$ 1,480,000

"Buckwheat prices received by Pennsylvania farmers were slightly above 1934 prices."





*Pennsylvania Is An Agricultural State*

Production and Value of BARLEY in Pennsylvania

1935

(6% of all Pennsylvania farms grow barley)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Lancaster	208,810	\$ 137,810	Schuylkill	4,490	\$ 2,780
York	195,570	101,700	Delaware	4,380	2,670
Franklin	176,210	88,110	Butler	4,380	2,630
Chester	151,790	89,560	Mercer	4,370	2,670
Berks	71,560	40,790	Warren	4,160	2,460
Cumberland	69,600	33,410	Washington	3,670	2,130
Northampton	63,900	32,590	Lycoming	3,670	1,760
Adams	61,590	31,410	Carbon	3,570	2,110
Lebanon	57,350	34,410	Luzerne	3,460	2,110
Lehigh	42,220	25,750	Indiana	3,130	2,040
Somerset	37,120	20,040	Clinton	3,130	1,530
Tioga	30,850	15,120	McKean	3,120	2,030
Dauphin	29,320	15,830	Lawrence	2,910	1,780
Bucks	28,970	17,960	Venango	2,800	1,650
Columbia	19,400	12,030	Fayette	2,790	1,620
Montgomery	19,040	12,570	Armstrong	2,300	1,400
Bedford	17,980	9,170	Juniata	2,140	1,050
Bradford	16,930	11,510	Susquehanna	2,040	1,390
Blair	16,870	8,770	Northumberland	1,990	900
Potter	16,740	10,050	Montour	1,930	870
Erie	15,480	7,430	Monroe	1,740	870
Centre	12,630	5,940	Sullivan	1,710	1,010
Cambria	12,170	7,300	Wayne	1,570	1,070
Clarion	11,180	6,040	Allegheny	1,390	790
Jefferson	10,760	6,460	Lackawanna	870	590
Perry	8,920	4,190	Beaver	810	490
Crawford	8,360	4,180	Wyoming	660	450
Westmoreland	7,960	3,980	Greene	660	380
Clearfield	6,800	4,490	Pike	560	340
Fulton	6,450	3,610	Forest	550	310
Huntingdon	6,400	3,200	Cameron	200	110
Union	6,370	2,870	Philadelphia	--	--
Mifflin	5,860	2,760			
Snyder	5,740	2,700			
Elk	4,950	3,270	Total	1,537,000	\$ 861,000

"Barley prices received by Pennsylvania farmers were 15% higher than average U. S. prices."

Source - Penna. Dent. of Agri.

96C-4

The following table shows the results of the experiments conducted during the course of the investigation. The data are given in terms of the percentage of the total amount of the substance which is converted into the product under the conditions specified. The values are the means of three or four determinations. The standard deviation is given in parentheses.

Temperature (°C)	Time (min)	Percentage Conversion
25	15	12 (1.5)
25	30	24 (2.0)
25	45	36 (2.5)
25	60	48 (3.0)
25	75	60 (3.5)
25	90	72 (4.0)
25	105	84 (4.5)
25	120	96 (5.0)
25	135	100 (5.5)
25	150	100 (5.5)
25	165	100 (5.5)
25	180	100 (5.5)
25	195	100 (5.5)
25	210	100 (5.5)
25	225	100 (5.5)
25	240	100 (5.5)
25	255	100 (5.5)
25	270	100 (5.5)
25	285	100 (5.5)
25	300	100 (5.5)
25	315	100 (5.5)
25	330	100 (5.5)
25	345	100 (5.5)
25	360	100 (5.5)
25	375	100 (5.5)
25	390	100 (5.5)
25	405	100 (5.5)
25	420	100 (5.5)
25	435	100 (5.5)
25	450	100 (5.5)
25	465	100 (5.5)
25	480	100 (5.5)
25	495	100 (5.5)
25	510	100 (5.5)
25	525	100 (5.5)
25	540	100 (5.5)
25	555	100 (5.5)
25	570	100 (5.5)
25	585	100 (5.5)
25	600	100 (5.5)
25	615	100 (5.5)
25	630	100 (5.5)
25	645	100 (5.5)
25	660	100 (5.5)
25	675	100 (5.5)
25	690	100 (5.5)
25	705	100 (5.5)
25	720	100 (5.5)
25	735	100 (5.5)
25	750	100 (5.5)
25	765	100 (5.5)
25	780	100 (5.5)
25	795	100 (5.5)
25	810	100 (5.5)
25	825	100 (5.5)
25	840	100 (5.5)
25	855	100 (5.5)
25	870	100 (5.5)
25	885	100 (5.5)
25	900	100 (5.5)
25	915	100 (5.5)
25	930	100 (5.5)
25	945	100 (5.5)
25	960	100 (5.5)
25	975	100 (5.5)
25	990	100 (5.5)
25	1005	100 (5.5)
25	1020	100 (5.5)
25	1035	100 (5.5)
25	1050	100 (5.5)
25	1065	100 (5.5)
25	1080	100 (5.5)
25	1095	100 (5.5)
25	1110	100 (5.5)
25	1125	100 (5.5)
25	1140	100 (5.5)
25	1155	100 (5.5)
25	1170	100 (5.5)
25	1185	100 (5.5)
25	1200	100 (5.5)
25	1215	100 (5.5)
25	1230	100 (5.5)
25	1245	100 (5.5)
25	1260	100 (5.5)
25	1275	100 (5.5)
25	1290	100 (5.5)
25	1305	100 (5.5)
25	1320	100 (5.5)
25	1335	100 (5.5)
25	1350	100 (5.5)
25	1365	100 (5.5)
25	1380	100 (5.5)
25	1395	100 (5.5)
25	1410	100 (5.5)
25	1425	100 (5.5)
25	1440	100 (5.5)
25	1455	100 (5.5)
25	1470	100 (5.5)
25	1485	100 (5.5)
25	1500	100 (5.5)
25	1515	100 (5.5)
25	1530	100 (5.5)
25	1545	100 (5.5)
25	1560	100 (5.5)
25	1575	100 (5.5)
25	1590	100 (5.5)
25	1605	100 (5.5)
25	1620	100 (5.5)
25	1635	100 (5.5)
25	1650	100 (5.5)
25	1665	100 (5.5)
25	1680	100 (5.5)
25	1695	100 (5.5)
25	1710	100 (5.5)
25	1725	100 (5.5)
25	1740	100 (5.5)
25	1755	100 (5.5)
25	1770	100 (5.5)
25	1785	100 (5.5)
25	1800	100 (5.5)
25	1815	100 (5.5)
25	1830	100 (5.5)
25	1845	100 (5.5)
25	1860	100 (5.5)
25	1875	100 (5.5)
25	1890	100 (5.5)
25	1905	100 (5.5)
25	1920	100 (5.5)
25	1935	100 (5.5)
25	1950	100 (5.5)
25	1965	100 (5.5)
25	1980	100 (5.5)
25	1995	100 (5.5)
25	2010	100 (5.5)
25	2025	100 (5.5)
25	2040	100 (5.5)
25	2055	100 (5.5)
25	2070	100 (5.5)
25	2085	100 (5.5)
25	2100	100 (5.5)
25	2115	100 (5.5)
25	2130	100 (5.5)
25	2145	100 (5.5)
25	2160	100 (5.5)
25	2175	100 (5.5)
25	2190	100 (5.5)
25	2205	100 (5.5)
25	2220	100 (5.5)
25	2235	100 (5.5)
25	2250	100 (5.5)
25	2265	100 (5.5)
25	2280	100 (5.5)
25	2295	100 (5.5)
25	2310	100 (5.5)
25	2325	100 (5.5)
25	2340	100 (5.5)
25	2355	100 (5.5)
25	2370	100 (5.5)
25	2385	100 (5.5)
25	2400	100 (5.5)
25	2415	100 (5.5)
25	2430	100 (5.5)
25	2445	100 (5.5)
25	2460	100 (5.5)
25	2475	100 (5.5)
25	2490	100 (5.5)
25	2505	100 (5.5)
25	2520	100 (5.5)
25	2535	100 (5.5)
25	2550	100 (5.5)
25	2565	100 (5.5)
25	2580	100 (5.5)
25	2595	100 (5.5)
25	2610	100 (5.5)
25	2625	100 (5.5)
25	2640	100 (5.5)
25	2655	100 (5.5)
25	2670	100 (5.5)
25	2685	100 (5.5)
25	2700	100 (5.5)
25	2715	100 (5.5)
25	2730	100 (5.5)
25	2745	100 (5.5)
25	2760	100 (5.5)
25	2775	100 (5.5)
25	2790	100 (5.5)
25	2805	100 (5.5)
25	2820	100 (5.5)
25	2835	100 (5.5)
25	2850	100 (5.5)
25	2865	100 (5.5)
25	2880	100 (5.5)
25	2895	100 (5.5)
25	2910	100 (5.5)
25	2925	100 (5.5)
25	2940	100 (5.5)
25	2955	100 (5.5)
25	2970	100 (5.5)
25	2985	100 (5.5)
25	3000	100 (5.5)

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*Pennsylvania Is An Agricultural State*

Production and Value of RYE in Pennsylvania

1935

(11% of all Pennsylvania farms grow rye)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Franklin	173,400	\$ 97,100	Lancaster	16,780	\$ 10,400
Berks	119,370	68,040	Montgomery	16,380	10,650
Cumberland	105,560	57,000	Union	16,350	8,500
Indiana	74,210	44,530	Montour	16,000	9,600
Schuylkill	67,510	39,160	Chester	15,870	8,180
Bedford	65,650	40,050	Fayette	13,490	9,040
Columbia	60,190	36,110	Lawrence	13,430	7,670
York	57,280	32,080	Juniata	13,260	7,960
Northumberland	45,150	27,090	Mifflin	13,130	7,480
Lycoming	44,420	23,540	Allegheny	11,880	7,840
Adams	37,800	20,750	Clinton	10,990	5,710
Cambria	36,980	21,450	Bradford	10,640	5,750
Lehigh	34,630	19,390	Washington	8,160	5,630
Somerset	33,940	23,010	Crawford	5,460	3,000
Erie	33,260	17,960	Wyoming	4,090	2,820
Bucks	32,130	19,600	Venango	3,600	1,980
Jefferson	31,370	17,570	Beaver	2,810	1,600
Fulton	30,720	16,280	Lackawanna	2,090	1,360
Armstrong	30,500	17,690	Philadelphia	2,040	1,330
Westmoreland	28,540	17,470	Greene	1,960	1,350
Snyder	27,820	16,970	Delaware	1,900	1,120
Northampton	27,300	16,110	Tioga	1,890	1,060
Perry	26,600	16,490	Sullivan	870	500
Dauphin	26,270	14,450	Pike	640	400
Blair	25,440	16,280	Wayne	600	370
Mercer	24,620	14,030	Susquehanna	580	380
Luzerne	22,440	12,790	Elk	570	300
Huntingdon	21,150	11,420	Warren	490	270
Monroe	20,300	11,980	Forest	160	90
Lebanon	20,200	13,130	Cameron	150	80
Butler	19,600	10,190	McKean	150	80
Clarion	18,720	11,040	Potter	150	80
Carbon	18,400	9,940			
Clearfield	17,090	10,600			
Centre	16,880	10,130	Total	1,680,000	\$ 974,000

(Rye prices received by Pennsylvania farmers were 25% higher than U. S. prices.)

Source - Penna. Dept. of Agri.



## Pennsylvania Is An Agricultural State

### Production and Value of Apples in Pennsylvania

1935

\*There is an average of thirty-seven apple trees for every farm in Pennsylvania)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Adams	1,346,860	\$ 861,990	Lebanon	109,430	\$ 71,130
Franklin	881,830	555,550	Indiana	108,230	82,250
Huzerne	550,920	465,560	Mercer	105,040	93,490
Berk	530,000	365,700	Lawrence	100,190	83,160
Perks	465,040	362,730	Bradford	94,610	84,200
Bedford	392,410	211,900	Clearfield	93,290	74,630
Cumberland	310,590	183,250	Tioga	91,160	71,100
Cancaster	307,380	224,390	Carbon	89,790	61,060
Allegheny	248,320	178,790	Crawford	86,600	77,070
Lair	246,230	172,360	Perry	84,350	54,830
Somerset	235,620	143,730	Clinton	82,310	76,550
Schuylkill	219,450	153,620	Jefferson	76,820	67,600
Lucks	218,370	159,410	Mifflin	76,440	56,570
Montgomery	217,300	160,800	Union	70,840	48,170
Columbia	215,140	176,410	Juniata	66,660	44,000
Lycoming	213,320	185,590	Venango	66,490	60,510
rie	187,320	166,710	Armstrong	65,420	60,840
Westchester	187,150	138,490	Warren	61,770	53,740
Wyoming	186,580	147,400	Delaware	60,480	48,990
High	176,660	121,900	Fayette	57,440	44,800
Centre	169,790	115,460	Potter	56,950	46,700
Washington	167,810	125,860	Greene	53,700	46,720
Dauphin	164,530	106,940	Elk	41,260	39,610
Westmoreland	164,470	125,000	Clarion	40,520	39,300
Washington	161,360	137,160	Sullivan	32,200	30,110
Alton	157,690	85,150	Monroe	23,920	21,530
Northumberland	153,960	115,470	Montour	23,120	18,500
Buttingdon	150,970	119,270	McKean	19,430	18,260
Blackawanna	129,010	116,110	Pike	7,200	7,130
Northampton	128,900	97,960	Cameron	6,800	6,320
Snyder	120,870	88,240	Forest	2,000	1,760
Wayne	120,720	120,720	Philadelphia	1,680	1,240
Leaver	119,380	90,730			
Amberia	116,480	88,520			
Butler	111,430	90,260	Total	11,440,000	\$ 8,351,000

Pennsylvania produces the third largest apple crop. Over 9,000,000 bushels were sold this year, bringing a cash income of almost \$7,000,000.

Source - Penna Dept. of Agri.  
- 1935 Census

116C-11



*Pennsylvania Is An Agricultural State*

Production and Value of Peaches in Pennsylvania

1935

(There is an average of sixteen peach trees for every farm in Pennsylvania)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Franklin	163,300	\$ 200,860	Centre	11,410	\$ 13,240
York	126,850	144,610	Dauphin	11,220	12,900
Adams	118,000	146,320	Crawford	10,860	10,320
Berks	115,000	164,710	Delaware	10,550	11,820
Washington	91,800	77,110	Huntingdon	9,490	8,450
Westmoreland	81,760	73,580	Clearfield	9,250	11,100
Allegheny	77,840	81,730	Union	8,690	10,170
Lehigh	65,950	86,390	Montour	7,730	10,900
Erie	50,550	46,000	Somerset	7,600	8,360
Lancaster	45,900	66,100	Luzerne	7,170	10,040
Armstrong	42,500	43,350	Clarion	6,770	6,700
Beaver	39,650	34,890	Clinton	6,550	9,430
Snyder	36,000	45,000	Bradford	5,440	6,800
Bucks	35,910	47,040	Jefferson	5,430	5,270
Cumberland	34,140	38,920	Mifflin	4,310	4,650
Chester	32,170	35,710	Cambria	4,060	4,300
Montgomery	27,460	32,130	Venango	3,540	3,610
Lawrence	27,360	25,990	Wyoming	2,470	4,170
Greene	27,030	27,030	Tioga	1,650	2,060
Lebanon	23,480	30,290	Wayne	1,150	2,070
Mercer	23,330	24,030	Monroe	1,140	1,390
Butler	22,630	21,270	Philadelphia	1,090	1,660
Indiana	21,900	20,810	Lackawanna	640	1,090
Blair	21,770	26,120	Sullivan	520	660
Columbia	21,250	29,750	Susquehanna	400	680
Bedford	20,610	22,670	Warren	320	320
Fayette	20,160	19,760	Elk	190	240
Lycoming	17,570	24,950	Pike	30	40
Northumberland	16,560	23,180	Forest	--	--
Fulton	16,280	17,750	Cameron	--	--
Northampton	16,050	19,740	McKean	--	--
Carbon	14,610	18,260	Potter	--	--
Perry	13,760	15,410			
Juniata	13,030	14,070			
Schuylkill	12,180	18,030	Total	1,675,000	\$ 1,926,000

1935 cash income from peaches - \$1,552,000; 1934 - \$663,000. This is \$919,000 more or 145% increase in cash income for Pennsylvania farmers
--

Source - Penna. Dept. of Agri.  
\* 1935 Census

116C-12

Sample	Weight (g)	Volume (ml)	Concentration (M)	Temperature (°C)	Observations
1	0.1000	10.00	0.0100	25.0	Colorless solution
2	0.2000	20.00	0.0100	25.0	Colorless solution
3	0.3000	30.00	0.0100	25.0	Colorless solution
4	0.4000	40.00	0.0100	25.0	Colorless solution
5	0.5000	50.00	0.0100	25.0	Colorless solution
6	0.6000	60.00	0.0100	25.0	Colorless solution
7	0.7000	70.00	0.0100	25.0	Colorless solution
8	0.8000	80.00	0.0100	25.0	Colorless solution
9	0.9000	90.00	0.0100	25.0	Colorless solution
10	1.0000	100.00	0.0100	25.0	Colorless solution

ANALYSES OF THE ABOVE SAMPLES SHOWED THE FOLLOWING RESULTS:



*Pennsylvania Is An Agricultural State*

Production and Value of Pears in Pennsylvania

1935

\*(Almost three of every five Pennsylvania farms grow pear trees)

<u>County</u>	<u>Bushels</u>	<u>Value</u>	<u>County</u>	<u>Bushels</u>	<u>Value</u>
Schuylkill	19,900	\$ 21,290	Lycoming	4,100	\$ 3,850
Berks	18,810	14,100	Centre	4,070	2,560
Lancaster	14,990	9,290	Beaver	3,990	3,470
York	13,670	7,250	Franklin	3,950	2,010
Chester	12,880	8,240	Delaware	3,950	2,920
Montgomery	12,040	11,680	Clarion	3,780	2,800
Erie	11,620	8,950	Lawrence	3,710	2,970
Allegheny	10,110	9,300	Cumberland	3,400	1,670
Westmoreland	9,710	8,640	Adams	3,380	2,130
Bedford	9,650	5,690	Fulton	3,320	1,630
Bucks	9,390	6,950	Susquehanna	3,260	3,290
Cambria	9,220	8,210	Tioga	3,250	2,990
Columbia	8,980	6,650	Snyder	3,080	2,310
Northampton	8,750	8,580	Greene	2,940	2,320
Luzerne	7,830	8,300	Mifflin	2,850	1,620
Somerset	7,720	6,870	Venango	2,580	1,990
Lehigh	7,630	5,420	Perry	2,350	1,270
Northumberland	7,610	6,240	Monroe	2,280	2,230
Mercer	7,560	6,350	Warren	2,100	1,780
Crawford	7,450	6,410	Wyoming	1,870	1,610
Clearfield	6,690	4,280	Potter	1,350	1,340
Carbon	6,310	6,940	Clinton	1,330	1,180
Blair	6,210	4,780	Union	1,220	840
Armstrong	6,200	4,900	Juniata	1,170	690
Indiana	5,890	4,360	Montour	1,030	860
Jefferson	5,760	4,440	Elk	880	870
Dauphin	5,480	4,330	Sullivan	830	570
Lebanon	5,260	3,520	Pike	630	620
Butler	5,230	4,130	McKean	620	610
Washington	5,170	4,860	Philadelphia	240	140
Lackawanna	4,700	5,080	Forest	240	190
Wayne	4,640	4,640	Cameron	150	150
Bradford	4,580	4,080			
Fayette	4,290	3,560			
Huntingdon	4,170	2,210	Total	370,000	\$ 296,000

Higher cash income was received by Pennsylvania farmers from less pears produced in 1935 as compared with 1934 production.

Source - Penna. Dept. of Agri.

\* - 1935 Census

116C-13



Production and Value of GRAPES in Pennsylvania

1935

(43% of all Pennsylvania farms grow grapes)

<u>District</u>	<u>Tons</u>	<u>Value</u>
Northwestern	20,598	\$ 457,300
Southwestern	861	22,390
Southeastern	807	21,390
Central	685	19,180
West Central	513	12,310
South Central	504	13,610
East Central	445	12,460
North Central	255	7,900
Northeastern	82	2,460
Total	24,750	\$ 569,000

Pennsylvania ranks FIFTH in grape production

Pennsylvania farmers harvested  
30% more grapes in 1935 as compared with 1934 crop.

106C-14

STATE OF NEW YORK

1911

IN SENATE

ARTICLE	SECTION	AMOUNT	REMARKS
1	1	100,000	...
2	1	200,000	...
3	1	300,000	...
4	1	400,000	...
5	1	500,000	...
6	1	600,000	...
7	1	700,000	...
8	1	800,000	...
9	1	900,000	...
10	1	1,000,000	...
11	1	1,100,000	...
12	1	1,200,000	...
13	1	1,300,000	...
14	1	1,400,000	...
15	1	1,500,000	...
16	1	1,600,000	...
17	1	1,700,000	...
18	1	1,800,000	...
19	1	1,900,000	...
20	1	2,000,000	...
21	1	2,100,000	...
22	1	2,200,000	...
23	1	2,300,000	...
24	1	2,400,000	...
25	1	2,500,000	...
26	1	2,600,000	...
27	1	2,700,000	...
28	1	2,800,000	...
29	1	2,900,000	...
30	1	3,000,000	...
31	1	3,100,000	...
32	1	3,200,000	...
33	1	3,300,000	...
34	1	3,400,000	...
35	1	3,500,000	...
36	1	3,600,000	...
37	1	3,700,000	...
38	1	3,800,000	...
39	1	3,900,000	...
40	1	4,000,000	...
41	1	4,100,000	...
42	1	4,200,000	...
43	1	4,300,000	...
44	1	4,400,000	...
45	1	4,500,000	...
46	1	4,600,000	...
47	1	4,700,000	...
48	1	4,800,000	...
49	1	4,900,000	...
50	1	5,000,000	...

Approved by the Senate  
 Passed by the Senate  
 Approved by the Governor

1911

Section Three

LIVESTOCK AND POULTRY

Over 58% of Pennsylvania farm cash income is from the sale of milk and poultry products. This means Pennsylvania farmers have a comparatively steady year-around income.



*Pennsylvania Is An Agricultural State*

Value of all LIVESTOCK on Farms in Pennsylvania

January 1, 1936

(Pennsylvania is one of the first ten leading livestock states)

<u>County</u>	<u>Value</u>	<u>County</u>	<u>Value</u>
Lancaster	\$11,064,690	Clarion	\$ 1,691,750
York	7,363,180	Allegheny	1,680,750
Chester	6,311,980	Perry	1,611,830
Berks	6,119,910	Huntingdon	1,572,240
Bradford	5,223,680	Luzerne	1,559,210
Crawford	5,023,250	Warren	1,518,450
Washington	4,420,480	Wyoming	1,471,930
Susquehanna	4,323,660	Blair	1,379,230
Bucks	4,298,480	Potter	1,375,230
Franklin	4,179,820	Lackawanna	1,372,110
Westmoreland	3,900,430	Jefferson	1,316,820
Erie	3,823,030	Mifflin	1,312,690
Tioga	3,434,150	Beaver	1,280,980
Mercer	3,422,270	Clearfield	1,271,440
Montgomery	3,337,880	Snyder	1,267,400
Adams	3,082,410	Union	1,204,690
Somerset	3,035,760	Juniata	1,198,410
Cumberland	3,031,530	Cambria	1,190,230
Wayne	2,972,360	Venango	1,145,630
Lebanon	2,789,560	Delaware	1,008,730
Butler	2,679,540	Fulton	855,680
Greene	2,602,090	McKean	813,660
Bedford	2,459,350	Clinton	721,880
Monroe	2,383,260	Montour	713,450
Lycoming	2,297,880	Monroe	715,130
Indiana	2,297,520	Sullivan	573,200
Dauphin	2,297,000	Carbon	476,060
Centre	2,149,650	Elk	420,410
Armstrong	2,009,380	Forest	189,480
Lawrence	1,964,140	Pike	187,570
Lehigh	1,951,650	Philadelphia	127,310
Fayette	1,921,200	Cameron	90,510
Schuylkill	1,875,600		
Northumberland	1,808,560		
Columbia	1,748,580	Total	\$ 156,918,000

<p align="center">Livestock on Pennsylvania farms increased          4% in number and over 35% in value          in 1935 as compared with 1934.</p>
---

Livestock includes - Cattle, Horses, Chickens, Swine  
 Mules and Sheep.

126LV-1

Source - Penna- Dept. of Agri.

*Pennsylvania Farmer Covers It Best*





*Pennsylvania Is An Agricultural State*

Value of Milk, Eggs, Wool and Honey Produced on Farms in Pennsylvania

1935

<u>County</u>	<u>Value</u>	<u>County</u>	<u>Value</u>
Lancaster	\$ 9,254,200	Wyoming	\$ 1,490,060
Chester	7,443,100	Huntingdon	1,469,860
Bradford	5,987,650	Luzerne	1,452,250
York	5,962,520	Columbia	1,404,610
Bucks	5,291,760	Beaver	1,385,400
Berks	5,285,870	Warren	1,354,630
Susquehanna	4,665,630	Lackawanna	1,350,380
Montgomery	4,261,140	Blair	1,275,540
Crawford	4,251,440	Potter	1,256,680
Washington	4,194,930	Jefferson	1,205,510
Westmoreland	3,821,490	Perry	1,195,890
Wayne	3,693,650	Cambria	1,170,370
Franklin	3,338,850	Clarion	1,129,850
Erie	3,327,370	Union	1,122,560
Tioga	3,302,090	Mifflin	1,121,190
Somerset	3,065,780	Venango	1,097,150
Cumberland	2,902,140	Juniata	1,049,860
Mercer	2,823,220	Clearfield	1,037,560
Bedford	2,397,620	Snyder	1,008,630
Butler	2,338,460	Monroe	839,540
Lebanon	2,268,370	Delaware	825,780
Allegheny	2,245,090	McKean	763,050
Northampton	2,150,790	Fulton	674,300
Adams	2,109,230	Montour	600,040
Dauphin	2,059,950	Clinton	531,480
Indiana	1,882,220	Sullivan	473,030
Centre	1,871,340	Carbon	440,690
Lawrence	1,849,900	Elk	377,820
Lycoming	1,825,370	Pike	255,430
Schuylkill	1,821,910	Forest	130,030
Fayette	1,770,270	Philadelphia	115,940
Armstrong	1,526,990	Cameron	79,630
Lehigh	1,513,290		
Greene	1,495,050		
Northumberland	1,491,080	Total	\$ 145,175,000

The value of livestock products produced on farms in 1935, is 13.5% greater than in 1934.

126LP-6

Source-Penna. Dept. of Agri.

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THE UNIVERSITY OF CHICAGO PRESS

## Pennsylvania Is An Agricultural State

### MILK COWS and HEIFERS on Farms in Pennsylvania (Two Years Old and Over)

January 1, 1936

(78% of all Pennsylvania farms have cows and heifers)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
Lancaster	41,890	\$ 3,476,870	Clarion	9,520	\$ 542,640
Chester	38,900	3,384,300	Greene	9,180	468,180
Bradford	38,640	2,588,880	Beaver	8,930	517,940
Crawford	35,990	2,231,380	Jefferson	8,710	435,500
Susquehanna	35,450	2,729,650	Huntingdon	8,560	599,200
Tioga	27,990	1,875,330	Blair	8,370	569,160
Erie	27,580	1,709,960	Northumberland	8,370	518,940
Washington	26,730	1,897,830	Luzerne	8,220	534,300
Wayne	26,190	1,597,590	Columbia	8,150	562,350
Berks	25,840	2,325,600	Clearfield	8,140	465,980
Westmoreland	24,500	1,715,000	Venango	8,080	420,160
York	24,390	1,682,910	Cambria	7,940	373,180
Mercer	23,870	1,288,980	Schuylkill	7,570	582,890
Bucks	20,810	1,685,610	Lehigh	7,280	465,920
Franklin	20,670	1,405,560	Perry	6,620	383,960
Somerset	19,430	1,107,510	McKean	6,490	434,830
Montgomery	16,710	1,487,190	Union	6,400	441,600
Butler	15,670	908,860	Mifflin	6,340	450,140
Bedford	15,520	822,560	Juniata	6,110	421,590
Cumberland	15,310	933,910	Snyder	5,930	426,960
Lycoming	14,220	824,760	Fulton	4,310	219,810
Centre	14,140	848,400	Clinton	4,290	291,720
Indiana	13,650	805,350	Monroe	4,210	256,810
Lawrence	12,880	798,560	Sullivan	3,880	252,200
Northampton	12,370	989,600	Delaware	3,770	358,150
Lebanon	12,170	1,070,960	Montour	3,580	257,760
Fayette	12,010	672,560	Elk	2,770	171,740
Warren	11,770	729,740	Carbon	1,960	147,000
Adams	11,530	807,100	Pike	1,240	62,000
Armstrong	11,070	653,130	Forest	1,100	64,900
Dauphin	10,910	709,150	Cameron	490	31,850
Potter	10,810	702,650	Philadelphia	460	39,120
Wyoming	10,720	825,440			
Allegheny	10,110	566,160	Total	887,000	\$ 60,316,000
Lackawanna	9,590	690,480			

Dairy cows on Pennsylvania farms number 2% less than preceding year, while the value increase \$20,000,000 or 48%.



Dairy Farms, Pennsylvania Farmer Circulation and Farms by States

	<u>Dairy Farms</u>	<u>Pennsylvania Farmer Circulation</u>	<u>Farms</u>
Pennsylvania	148,321	122,850	191,284
West Virginia	89,768	12,274	104,747
New Jersey	15,622	9,890	29,375
Maryland	32,454	6,858	44,412
Delaware	7,060	1,956	10,381
	<hr/>	<hr/>	<hr/>
	293,225	153,828	380,199

Dairy Farms - Farms reporting - cows two years old and over.

Pennsylvania Farmer Circulation - December 1935

Farms - 1935 Census Figures

36LD-1

Table 1. Summary of the data used in the analysis.

Year	Country	Population (millions)	Urban population (millions)
1980	USA	226	110
1985	USA	233	115
1990	USA	241	120
1995	USA	250	125
2000	USA	258	130
2005	USA	266	135
2010	USA	273	140
2015	USA	280	145
2020	USA	287	150

The data were obtained from the U.S. Census Bureau. The population data are in millions. The urban population data are in millions. The data are presented in the following table.

PENNSYLVANIA

20% INCREASE IN CASH INCOME FROM DAIRY PRODUCTS in 1934

Cash income realized from the sale of milk, butterfat and butter by Pennsylvania farmers was as follows:

1934	\$ 86,800,000
1933	<u>72,407,000</u>
Increase	\$ 14,393,000 or 20%

The three leading states in cash income from dairy products are:

Wisconsin	New York	PENNSYLVANIA
-----------	----------	--------------

Uses of Milk Produced on Farms in Pennsylvania in 1934

Wholesaled by producers	2,698,000,000 lbs.
Retailed as milk or cream by producers	740,000,000
Used on farms where produced	413,000,000
Utilized for making butter on farms	349,000,000
Skimmed or separated for sale of butterfat	187,000,000
Fed to calves	<u>108,000,000</u>
Total Milk Produced	4,495,000,000 lbs.

40% more milk and cream is retailed by dairymen in Pennsylvania than in any other state.

Pennsylvania farm prices of milk, including both wholesale and retail sales, was estimated as follows:

1934	\$2.26 cwt.
1933	<u>1.92</u>
Increase	\$ .34 or 18%

These prices are 50% higher than the average for the entire country,

Source: - Penna. Dept. of Agriculture, Weekly News Bulletin, May 23, 1935.

MEMORANDUM

TO : THE PRESIDENT

FROM : THE SECRETARY OF DEFENSE

SUBJECT: [Illegible]

[Illegible]

[Illegible]

- (1) [Illegible]
- (2) [Illegible]
- (3) [Illegible]
- (4) [Illegible]
- (5) [Illegible]
- (6) [Illegible]

[Illegible]

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[Illegible]



<u>County</u>	<u>Dairy Farms</u>	<u>Percent Dairy Farms</u>	<u>Farms</u>	<u>Penna. Farmer Circulation</u>	<u>Percent Coverage</u>
Warren	1,815	86.3	2,104	1,067	50.7%
Lehigh	1,769	61.8	2,861	1,768	47.8
Huntingdon	1,659	31.5	2,035	1,853	91.1
Lebanon	1,633	72.2	2,268	1,021	71.5
Perry	1,504	81.1	1,854	1,532	82.6
Potter	1,460	82.5	1,749	703	40.2
Blair	1,400	74.8	1,871	1,825	95.5
Snyder	1,265	73.9	1,712	969	56.6
Wyoming	1,243	85.1	1,460	1,077	73.8
McKean	1,195	79.3	1,497	028	42.0
Lackawanna	1,167	74.7	1,563	574	36.7
Monroe	1,162	80.1	1,450	414	28.6
Fulton	1,146	84.6	1,355	955	70.5
Juniata	1,136	73.4	1,449	933	64.4
Mifflin	1,031	84.5	1,220	900	73.8
Union	969	84.9	1,141	916	80.3
Clinton	800	78.2	1,023	500	49.9
Elk	753	84.4	392	565	63.3
Sullivan	620	86.4	718	506	70.5
Carbon	601	65.0	924	566	61.3
Montour	589	86.2	683	486	71.2
Delaware	512	51.5	995	455	45.7
Forest	374	84.8	441	258	58.5
Pike	370	83.5	443	169	38.2
Cameron	156	78.4	199	135	67.8
Philadelphia	93	32.9	286	372	130.1
Total	148,321	77.5	191,284	122,400	64.5

Dairy Farms - Farms reporting cows and heifers over two years old  
taken from 1935 Census.

Pennsylvania Farmer Circulation - June 30, 1936

Farms - 1935 Census

*Pennsylvania Is An Agricultural State*

Dairy Farms, Pennsylvania Farmer Circulation, Farms and Coverage by Counties

PENNSYLVANIA

<u>County</u>	<u>Dairy Farms</u>	<u>Percent Dairy Farms</u>	<u>Farms</u>	<u>Penna. Farmer Circulation</u>	<u>Percent Coverage</u>
Lancaster	6,327	71.4	8,863	7,435	83.9%
York	5,528	70.4	7,857	6,008	76.5
Crawford	5,256	81.7	6,420	3,849	60.0
Westmoreland	4,211	78.4	5,368	3,627	67.6
Erie	4,171	77.4	5,386	3,139	58.3
Braford	4,136	83.0	4,984	3,090	62.0
Washington	4,095	80.7	5,072	3,270	64.5
Mercer	3,943	85.2	4,626	2,745	59.3
Berks	3,870	64.5	6,002	3,297	54.9
Chester	3,609	73.1	4,936	4,354	88.2
Butler	3,416	81.6	4,186	3,154	75.3
Somerset	3,347	87.1	3,844	2,482	64.6
Bucks	3,323	65.5	5,070	2,689	53.0
Indiana	3,283	85.5	3,842	2,733	71.1
Fayette	3,090	78.2	3,954	1,930	48.8
Franklin	3,025	78.3	3,861	2,285	59.2
Susquehanna	2,850	87.1	3,271	1,969	60.2
Bedford	2,823	89.3	3,160	2,635	83.4
Tioga	2,794	86.3	3,239	1,551	47.9
Armstrong	2,727	81.4	3,351	2,322	69.3
Clearfield	2,689	81.3	3,306	1,446	43.7
Greene	2,649	83.6	3,170	1,686	53.2
Adams	2,498	69.7	3,581	2,671	74.6
Wayne	2,496	87.6	2,849	1,649	57.9
Lycoming	2,385	79.1	3,014	1,971	65.4
Jefferson	2,329	85.1	2,738	1,578	57.6
Cumberland	2,307	76.1	3,032	2,609	86.0
Montgomery	2,293	59.6	3,846	2,883	75.0
Cambria	2,283	80.7	2,829	1,350	47.7
Clarion	2,244	86.4	2,596	2,267	87.3
Allegheny	2,225	61.9	3,594	2,100	58.4
Lawrence	2,124	80.0	2,655	1,768	66.6
Luzerne	2,113	76.3	2,769	1,289	46.6
Schuylkill	2,042	72.9	2,803	1,946	69.4
Columbia	2,022	81.7	2,475	1,478	59.7
Northampton	2,022	72.9	2,775	1,665	60.0
Dauphin	1,908	72.3	2,640	1,816	68.8
Centre	1,874	89.0	2,105	1,375	65.3
Northumberland	1,870	78.3	2,387	1,345	56.3
Venango	1,866	81.8	2,281	1,073	47.0
Beaver	1,831	77.8	2,351	1,524	64.7

(over)

*Pennsylvania Is An Agricultural State*

FIRST 20 STATES IN CASH INCOME FROM MILK SOLD

In 1935

<u>State</u>	<u>Cash Income</u>
1. Wisconsin	\$ 131,916,000
2. New York	128,473,000
3. PENNSYLVANIA	92,037,000
4. Minnesota	78,694,000
5. California	73,036,000
6. Illinois	64,498,000
7. Iowa	61,969,000
8. OHIO	61,921,000
9. MICHIGAN	55,629,000
10. Texas	39,889,000
11. Indiana	37,756,000
12. MISSOURI	32,556,000
13. KANSAS	29,958,000
14. Washington	26,119,000
15. Vermont	24,663,000
16. Nebraska	23,482,000
17. NEW JERSEY	22,972,000
18. Massachusetts	22,684,000
19. Oklahoma	20,615,000
20. Oregon	19,453,000

PENNLAND

Pennsylvania	\$ 92,037,000
New Jersey	22,972,000
West Virginia	8,847,000
Maryland	15,528,000
Delaware	2,471,000

\$ 141,855,000

NEW ENGLAND

Maine	\$ 11,899,000
New Hampshire	8,167,000
Vermont	24,663,000
Massachusetts	22,684,000
Rhode Island	4,044,000
Connecticut	17,539,000

\$ 88,996,000

U. S. Bureau of Agricultural Economics-Aug. 1936

116LP-14

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

**Pennsylvania Is An Agricultural State**

Production and Value of MILK in Pennsylvania

1935

(Cows in Pennsylvania produced 17 quarts of milk for every person in the U.S.)

County	Milk (Gallons)	Value	County	Milk (Gallons)	Value
Lancaster	27,564,910	\$ 6,339,690	Armstrong	5,280,000	\$ 1,108,800
Bradford	26,148,560	4,706,740	Northumberland	5,112,760	1,022,550
Chester	25,872,200	6,468,050	Beaver	4,962,610	1,091,770
Susquehanna	23,132,360	4,163,320	Schuylkill	4,877,340	1,170,560
Crawford	19,468,860	3,504,390	Luzerne	4,779,770	1,003,750
Wayne	16,604,910	2,963,880	Union	4,674,040	888,070
Pioga	15,821,080	2,847,790	Blair	4,664,430	1,026,170
Berks	15,699,500	3,610,880	Columbia	4,542,320	953,690
Washington	15,399,900	3,387,980	Clarion	4,505,750	356,090
Erie	15,081,910	2,714,740	Lehigh	4,485,750	942,010
Westmoreland	14,461,600	3,036,940	Greene	4,416,810	971,700
Bucks	14,188,060	3,405,130	Jefferson	4,347,690	913,010
York	13,027,830	2,996,400	Venango	4,268,330	853,670
Mercer	12,473,710	2,245,270	Mifflin	4,010,030	802,010
Montgomery	11,768,550	2,824,450	Clearfield	3,955,730	791,140
Franklin	11,255,480	2,588,760	Cambria	3,699,090	850,790
Somerset	10,909,450	2,509,170	Perry	3,641,860	691,950
Cumberland	10,479,020	2,305,380	Juniata	3,515,120	667,870
Butler	8,500,960	1,785,200	Snyder	3,237,230	615,070
Bedford	8,288,800	1,989,310	McKean	3,233,830	646,770
Centre	8,100,330	1,458,060	Monroe	2,680,620	643,350
Lycoming	7,923,940	1,426,310	Delaware	2,652,160	636,520
Lebanon	7,835,790	1,723,870	Clinton	2,233,730	402,070
Northampton	7,644,620	1,452,480	Montour	2,181,350	436,270
Dauphin	7,607,960	1,521,590	Sullivan	2,099,140	377,850
Lawrence	7,422,280	1,484,450	Fulton	1,891,360	435,010
Wyoming	7,253,450	1,233,080	Elk	1,523,120	274,160
Indiana	6,645,560	1,335,570	Carbon	1,150,240	264,560
Allegheny	6,556,710	1,508,040	Pike	772,080	162,140
Potter	6,138,060	1,104,850	Forest	555,700	100,030
Lackawanna	6,101,110	1,093,200	Philadelphia	317,840	76,280
Warren	5,933,640	1,068,050	Cameron	252,740	50,550
Adams	5,835,510	1,225,460			
Fayette	5,825,320	1,339,820			
Huntingdon	5,530,760	1,216,770	Total	523,023,260	\$ 108,402,000

Pennsylvania farmers received \$92,000,000 cash income from milk in 1935 as compared with \$84,000,000 in 1934. This is an increase of over \$8,000,000 from milk alone.

Source - Penna. Dept. of Agri.

116LP-1



*Pennsylvania Is An Agricultural State*

Production and Value of FARM BUTTER in Pennsylvania

1935

(Butter is churned in one of every three Pennsylvania farm homes)

<u>County</u>	<u>Pounds</u>	<u>Value</u>	<u>County</u>	<u>Pounds</u>	<u>Value</u>
York	621,590	\$ 174,050	Fulton	141,170	\$ 36,700
Somerset	572,580	171,770	Centre	136,120	43,560
Lancaster	538,090	166,760	Clinton	132,280	37,040
Indiana	507,080	141,980	Dauphin	131,590	44,740
Butler	494,960	143,540	Wayne	129,360	40,100
Washington	480,550	144,170	Mifflin	126,400	35,390
Westmoreland	463,460	143,670	Potter	126,270	40,410
Erie	460,390	142,720	Monroe	119,450	34,640
Armstrong	421,600	113,050	Chester	111,120	38,890
Jefferson	420,450	126,140	Susquehanna	106,550	34,100
Greene	402,370	112,660	Cumberland	105,140	30,490
Fayette	400,630	116,180	Lehigh	98,060	32,360
Mercer	388,240	120,350	Elk	92,170	25,810
Bedford	376,270	101,590	Luzerne	89,610	29,570
Cambria	340,280	105,490	McKean	89,520	27,750
Clearfield	318,350	101,870	Lackawanna	77,570	25,270
Venango	309,990	93,000	Forest	75,500	20,390
Lycoming	306,770	85,900	Bucks	72,000	25,200
Bradford	295,160	94,450	Wyoming	71,380	21,410
Crawford	288,050	92,120	Snyder	66,450	17,280
Clarion	277,410	86,000	Carbon	56,480	17,510
Allegheny	224,080	76,190	Sullivan	55,010	18,700
Schuylkill	201,600	68,540	Montour	48,910	14,670
Adams	200,360	52,090	Pike	42,850	12,000
Lawrence	185,530	53,800	Juniata	42,750	12,400
Northumberland	184,100	51,550	Lebanon	42,260	13,520
Berks	172,270	56,850	Northampton	39,380	13,000
Warren	171,970	53,310	Montgomery	36,790	12,510
Huntingdon	171,420	48,000	Union	28,760	7,770
Beaver	169,210	57,530	Cameron	10,070	3,220
Tioga	166,240	51,530	Delaware	6,230	2,240
Blair	150,080	45,020	Philadelphia	2,850	910
Columbia	146,790	44,040			
Franklin	143,010	38,610			
Perry	142,020	39,770	Total	13,623,000	\$ 4,086,900

The value of butter churned on Pennsylvania farms in 1935 was 16% greater than in 1934.

Source - Penna. Dept. of Agri.

126LP-2

No.	Author	Title	Date	Volume	Page
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*Pennsylvania Is An Agricultural State*

FIRST 20 STATES IN CASH INCOME FROM CHICKENS AND EGGS SOLD IN 1935

<u>State</u>	<u>Cash Income</u>
1. Iowa	\$ 49,697,000
2. PENNSYLVANIA	42,507,000
3. California	41,104,000
4. OHIO	37,974,000
5. New York	35,807,000
6. Illinois	34,953,000
7. MISSOURI	32,939,000
8. Indiana	26,947,000
9. Wisconsin	25,629,000
10. Minnesota	24,912,000
11. KANSAS	24,622,000
12. MICHIGAN	21,393,000
13. Texas	17,575,000
14. New Jersey	17,222,000
15. Nebraska	17,045,000
16. Washington	15,429,000
17. Virginia	15,242,000
18. Tennessee	10,020,000
19. Oklahoma	9,762,000
20. Massachusetts	9,434,000

Pennland

New England

Pennsylvania	\$ 42,507,000
New Jersey	17,222,000
Maryland	9,331,000
West Virginia	5,591,000
Delaware	4,410,000

Massachusetts	\$ 9,434,000
Connecticut	7,476,000
Maine	5,884,000
New Hampshire	4,853,000
Vermont	1,936,000
Rhode Island	1,286,000

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\$ 79,061,000

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\$ 30,919,000

U. S. Bureau of Agricultural Economics - Aug., 1936.



Chickens on Farms in Pennsylvania By Size of Flock

<u>Size of Flock</u>	<u>Farms Reporting</u>	<u>Number of Chickens</u>	<u>Percent of All Chickens</u>
Under 50	58,742	1,641,074	10.6%
50 to 99	47,423	3,082,326	20.0%
100 to 199	32,186	4,084,799	26.4%
200 to 399	13,477	3,384,989	21.9%
400 to 699	3,602	1,720,534	11.2%
700 to 999	868	679,404	4.4%
1,000 to 2,499	529	695,832	4.5%
2,500 and over	44	157,556	1.0%
Total	156,871	15,446,514	100.0%

Over 78 Percent of All Chickens on Farms in Pennsylvania are in Flocks of 400 or less.

1930 U. S. Census Figures

105L-9



FIRST 20 STATES IN VALUE OF CHICKENS ON FARMS

January 1, 1936

1. Iowa	\$ 24,819,000
2. PENNSYLVANIA	19,683,000
3. Illinois	19,485,000
4. OHIO	17,522,000
5. MISSOURI	15,869,000
6. California	15,780,000
7. New York	14,748,000
8. Texas	13,217,000
9. Indiana	13,182,000
10. Wisconsin	12,958,000
11. Minnesota	12,205,000
12. KANSAS	10,799,000
13. MICHIGAN	10,337,000
14. Nebraska	9,348,000
15. Virginia	7,580,000
16. Kentucky	6,920,000
17. Tennessee	6,691,000
18. NEW JERSEY	6,619,000
19. Oklahoma	6,377,000
20. North Carolina	6,038,000

PENNLAND

Pennsylvania	\$ 19,683,000
New Jersey	6,619,000
West Virginia	2,708,000
Maryland	4,573,000
Delaware	1,857,000

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\$ 35,440,000

NEW ENGLAND

Maine	\$ 1,970,000
New Hampshire	1,517,000
Vermont	858,000
Massachusetts	2,715,000
Rhode Island	386,000
Connecticut	2,302,000

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\$ 9,748,000

Source:

Bureau of Agri. Economics



*Pennsylvania Is An Agricultural State*

Chickens on Farms In Pennsylvania

January 1, 1936

(\*87.5% of all Pennsylvania farms have chickens)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
York	1,775,460	\$ 1,562,390	Fayette	225,500	\$ 191,680
Lancaster	1,651,050	1,618,030	Tioga	224,340	217,610
Berks	985,890	1,045,040	Centre	220,890	209,850
Bucks	879,200	931,950	Luzerne	209,070	215,340
Montgomery	708,760	758,370	Clarion	182,670	153,440
Braford	685,090	671,390	Jefferson	173,260	143,810
Chester	585,980	609,420	Mifflin	169,150	157,310
Adams	564,270	524,770	Beaver	168,710	158,590
Franklin	461,620	415,460	Cambria	168,650	141,670
Westmoreland	450,180	436,670	Warren	166,380	159,720
Crawford	444,820	409,230	Greene	156,320	146,360
Mercer	406,340	398,210	Union	156,490	153,360
Wayne	373,020	354,370	Huntingdon	149,110	140,160
Washington	370,540	344,600	Fulton	149,100	125,240
Northampton	369,690	358,600	Clearfield	147,280	132,540
Butler	335,930	325,680	Lackawanna	145,970	148,890
Erie	360,240	360,240	Venango	137,810	129,540
Somerset	351,940	306,190	Blair	137,330	131,840
Cumberland	345,460	300,550	Wyoming	129,490	129,490
Allegheny	342,560	315,160	Monroe	111,390	103,590
Lebanon	336,000	346,080	Delaware	96,810	105,520
Lehigh	335,510	338,870	Montour	90,880	89,060
Northumberland	322,620	287,130	Carbon	87,520	84,890
Schuylkill	318,210	321,390	Potter	84,830	72,100
Perry	309,260	241,220	Clinton	79,940	66,350
Dauphin	300,790	270,710	Pike	59,160	55,020
Bedford	280,090	254,880	Sullivan	51,310	44,640
Indiana	269,820	245,540	Elk	50,920	50,410
Armstrong	262,800	231,260	McKean	50,610	50,100
Snyder	259,390	204,920	Philadelphia	17,870	19,660
Susquehanna	257,480	260,050	Forest	17,620	15,500
Columbia	247,850	235,470	Cameron	14,650	14,650
Lycoming	239,010	227,060			
Juniata	234,630	187,700	T		
Lawrence	226,470	226,470	Total	20,719,000	\$ 19,683,000

Chickens on Pennsylvania farms number 4.4% more than the preceding year, while the value increased over \$4,000,000 or 27%.

Source - Penna. Dept. of Agri.  
\*1935 Census

116L-7





*Pennsylvania Is An Agricultural State*

FIRST 20 STATES IN VALUE OF EGGS PRODUCED

1935

1.	Iowa	\$ 39,707,000
2.	PENNSYLVANIA	35,552,000
3.	California	35,322,000
4.	New York	32,193,000
5.	OHIO	31,822,000
6.	MISSOURI	29,825,000
7.	Illinois	27,996,000
8.	Texas	25,905,000
9.	Wisconsin	24,630,000
10.	Minnesota	22,309,000
11.	KANSAS	22,068,000
12.	Indiana	21,261,000
13.	MICHIGAN	19,474,000
14.	Nebraska	15,402,000
15.	Washington	15,030,000
16.	Virginia	14,222,000
17.	NEW JERSEY	13,197,000
18.	Oklahoma	12,244,000
19.	Tennessee	10,863,000
20.	Kentucky	10,643,000

PENNLAND

Pennsylvania	\$ 35,552,000
New Jersey	13,197,000
West Virginia	6,061,000
Maryland	7,833,000
Delaware	2,858,000

\$ 65,501,000

NEW ENGLAND

Maine	\$ 4,815,000
New Hampshire	3,595,000
Vermont	1,955,000
Massachusetts	7,260,000
Rhode Island	1,000,000
Connecticut	5,802,000

\$24,427,000

Source:

Bureau of Agri. Economics

96LP-11



*Pennsylvania Is An Agricultural State*

Production and Value of EGGS in Pennsylvania

1935

(Hens on Pennsylvania farms produced 13 eggs for each person in the United States)

<u>County</u>	<u>Eggs</u> <u>(Dozen)</u>	<u>Value</u>	<u>County</u>	<u>Eggs</u> <u>(Dozen)</u>	<u>Value</u>
York	12,008,010	\$ 2,946,300	Snyder	1,523,210	\$ 389,990
Lancaster	10,820,670	2,885,810	Fayette	1,496,320	415,020
Bucks	6,279,280	1,875,630	Luzerne	1,479,290	441,860
Berks	6,222,220	1,659,440	Lawrence	1,365,120	349,510
Bradford	4,863,560	1,245,210	Mifflin	1,212,160	310,350
Montgomery	4,780,660	1,427,980	Clarion	1,184,510	265,260
Adams	3,702,850	869,040	Warren	1,142,240	280,200
Chester	3,466,660	961,530	Cambria	1,123,600	311,650
Franklin	2,956,320	725,360	Jefferson	1,097,500	280,990
Crawford	2,935,780	720,330	Beaver	1,051,970	280,550
Westmoreland	2,758,330	765,070	Union	1,037,080	232,340
Mercer	2,446,100	547,990	Greene	1,012,250	248,370
Allegheny	2,432,830	726,680	Fulton	978,500	229,650
Wayne	2,424,350	698,290	Huntingdon	903,570	240,980
Cumberland	2,335,650	573,080	Venango	903,220	231,250
Northampton	2,312,510	690,750	Blair	901,470	240,420
Erie	2,239,870	597,370	Clearfield	892,070	237,910
Somerset	2,196,050	538,820	Wyoming	870,400	250,710
Schuylkill	2,163,890	646,360	Lackawanna	364,610	249,030
Butler	2,161,980	530,470	Monroe	750,160	192,060
Perry	2,116,460	496,720	Delaware	624,490	186,540
Washington	2,054,470	591,760	Montour	604,170	161,130
Lehigh	2,020,490	560,420	Carbon	580,090	173,280
Lebanon	2,012,540	536,740	Potter	537,670	137,660
Northumberland	1,972,040	462,830	Clinton	493,420	126,530
Dauphin	1,911,310	530,130	Pike	375,680	92,180
Indiana	1,824,160	467,040	Elk	367,090	101,810
Susquehanna	1,699,290	489,450	McKean	357,760	110,740
Armstrong	1,640,310	402,470	Sullivan	350,830	89,820
Juniata	1,607,700	377,310	Forest	116,030	28,470
Lycoming	1,598,840	392,290	Philadelphia	123,040	39,380
Columbia	1,595,170	442,440	Cameron	96,350	27,750
Tioga	1,565,000	434,080			
Bedford	1,564,190	383,790			
Centre	1,561,260	399,730	Total	134,666,670	\$ 35,552,000

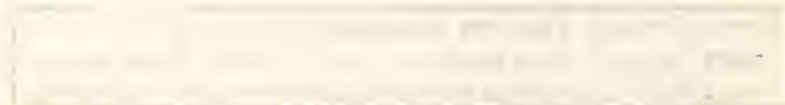
Pennsylvania farmers received almost \$7,000,000 more or 30% increase in cash income from eggs in 1935, as compared with 1934 income figures.

Source - Penna. Dept. of Agri.

116LP-4

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*Pennsylvania Is An Agricultural State*

FIRST 20 STATES IN VALUE OF CHICKENS RAISED

1935

1.	Iowa	\$ 28,407,000
2.	Illinois	24,073,000
3.	OHIO	19,928,000
4.	PENNSYLVANIA	19,745,000
5.	Indiana	17,039,000
6.	MISSOURI	16,950,000
7.	New York	14,772,000
8.	California	14,272,000
9.	Minnesota	14,218,000
10.	KANSAS	13,572,000
11.	Wisconsin	12,471,000
12.	Texas	12,314,000
13.	MICHIGAN	12,125,000
14.	Nebraska	11,306,000
15.	Virginia	9,876,000
16.	Kentucky	8,325,000
17.	Oklahoma	8,146,000
18.	NEW JERSEY	7,179,000
19.	Tennessee	7,022,000
20.	North Carolina	6,538,000

PENNLAND

Pennsylvania	\$ 19,745,000
New Jersey	7,179,000
West Virginia	2,914,000
Maryland	4,429,000
Delaware	2,545,000

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\$ 36,812,000

NEW ENGLAND

Maine	\$ 2,668,000
New Hampshire	2,235,000
Vermont	1,089,000
Massachusetts	4,056,000
Rhode Island	551,000
Connecticut	3,101,000

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\$13,700,000

Source:

Bureau of Agri. Economics



*Pennsylvania Is An Agricultural State*

Number of Baby Chicks Bought  
in  
Pennsylvania

<u>County</u>	<u>Number of Baby Chicks</u>	<u>County</u>	<u>Number of Baby Chicks</u>
Lancaster	1,842,079	Lycoming	158,536
York	1,729,666	Fayette	150,093
Bucks	1,143,965	Susquehanna	148,327
Berks	855,348	Bedford	141,656
Montgomery	726,631	Armstrong	139,717
Chester	589,833	Beaver	137,237
Bradford	503,067	Lackawanna	132,968
Schuylkill	453,545	Cambria	130,409
Wayne	371,336	Warren	123,824
Northampton	370,952	Clarion	105,125
Erie	357,208	Jefferson	100,859
Westmoreland	344,822	Union	99,738
Allegheny	343,795	Venango	92,450
Franklin	343,682	Huntingdon	92,153
Lebanon	343,598	Carbon	90,185
Lehigh	328,212	Wyoming	86,377
Adams	319,577	Clearfield	86,114
Cumberland	316,536	Montour	83,201
Dauphin	314,183	Delaware	72,963
Northumberland	299,979	Monroe	71,948
Butler	268,205	Blair	69,731
Washington	254,221	Fulton	67,801
Crawford	244,527	Clinton	56,958
Columbia	244,043	Greene	56,101
Snyder	241,891	Pike	47,997
Somerset	240,188	Sullivan	33,763
Perry	216,091	McKean	33,674
Luzerne	203,631	Elk	33,671
Mercer	203,400	Potter	33,116
Mifflin	192,712	Philadelphia	11,335
Centre	176,691	Forest	8,977
Juniata	174,018	Cameron	4,072
Indiana	174,015		
Lawrence	173,922		
Tioga	162,124	Total	17,768,752

1930 Census Figures

36L-10

THE HISTORY OF THE  
CITY OF BOSTON

FROM THE FOUNDATION OF THE COLONY  
TO THE PRESENT TIME

BY  
NATHANIEL PHIPPS

IN TWO VOLUMES.

VOLUME I.

BOSTON: PUBLISHED BY  
J. B. ALLEN, 1854.



The Return From A Questionnaire Mailed to Five Hundred CUSTOMERS & PROSPECTS

OF A

LEADING EASTERN HATCHERY\*\*

-SHOWS-

57.9% Subscribe regularly to PENNSYLVANIA FARMER  
23.7% " " to First Poultry Magazine  
15.8% " " to Second Poultry Magazine  
31.6% Do not subscribe to any of these three publications

34.0% Subscribe to PENNSYLVANIA FARMER only.  
5.0% " " First Poultry Magazine only.  
3.0% " " Second Poultry Magazine only.

ONLY 10.5% ADDITIONAL CUSTOMERS CAN BE REACHED BY THE  
ADDITIONAL USE OF BOTH POULTRY PUBLICATIONS

4.5% Of the Subscribers to PENNSYLVANIA FARMER subscribe to both  
the first and Second Poultry Magazine.  
27.3% Of the Subscribers to PENNSYLVANIA FARMER subscribe to the  
First Poultry Magazine.  
18.2% Of the Subscribers to PENNSYLVANIA FARMER subscribe to the  
Second Poultry Magazine.  
66.6% Of the Subscribers to the First Poultry Magazine subscribe  
to PENNSYLVANIA FARMER.  
66.6% Of the subscribers to the Second Poultry Magazine subscribe  
to PENNSYLVANIA FARMER.

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212 Average size of flock.  
197 Average size of flock of subscribers to PENNSYLVANIA FARMER.  
231 Average size of flock of non-subscribers to PENNSYLVANIA FARMER.  
410 Average number of chicks bought in 1934.  
495 Average number of chicks bought by subscribers to PENNSYLVANIA FARMER.  
295 Average number of chicks bought by non-subscribers to PENNSYLVANIA  
FARMER.

\*\*This hatchery has consistently advertised in all three of these  
publications for several years. Name of hatchery will be given upon  
request.

December, 1934

338



Circulation of Everybody's Poultry Magazine and Poultry Item  
in Pennsylvania Farmer's Territory

	Everybody's Poultry Mag.	Poultry Item	Pennsylvania Farmer
Pennsylvania	33,533	31,551	123,400
New Jersey	4,099	7,160	9,511
Maryland	5,004	3,751	6,795
Delaware	1,304	1,001	1,876
West Virginia	1,434	2,531	11,834
	<hr/>	<hr/>	<hr/>
Total	45,374	45,994	153,416
Adv. Rate	\$1.10	\$1.10	\$1.00

If the two poultry papers had no duplicate circulation and ALL of their circulation in Pennsylvania - 65,084 was on farms they would be reaching only 34% of the 191,284 farms in Pennsylvania, while Pennsylvania Farmer alone reaches 64.5% and has practically no small town circulation.

Everybody's Poultry Magazine circulation figures as of June, 1936.

Poultry Item Circulation as of June, 1936

Pennsylvania Farmer circulation as of June, 1936



PREFERENCE OF DAIRYMEN AND POULTRYMEN IN PENNSYLVANIA

Results of a questionnaire sent out (November, 1934) by Gardner Advertising Agency, St. Louis, Missouri to a list of prospects and customers (in Pennsylvania) of Ralston Purina Co. Inc., St. Louis, Missouri.

Note that this was not sent to the subscribers of any publication but rather to the advertisers' prospects and customers so that the results may be taken as representing fairly, actual reader preference.

Magazines Mentioned	Dairy Farmers		Poultry Farmers		Total	
	<u>Ment.</u>	<u>Prof.</u>	<u>Ment.</u>	<u>Prof.</u>	<u>Ment.</u>	<u>Prof.</u>
PENNSYLVANIA FARMER	60	30	45	21	105	51
Farm Journal	39	4	24	4	63	8
Country Gentlemen	28	3	22	5	50	8
Successful Farming	26	2	14	3	40	5
Rural New Yorker	21	12	18	5	39	17
Hoard's Dairyman	21	12	5	1	26	13
Poultry Item			12	5	12	5
American Poultry Journal			16	6	16	6
Everybody's Poultry Magazine			14	2	14	2
Poultry Tribune			17	7	17	7

74% of all Dairy Farmers MENTIONED PENNSYLVANIA FARMER and it was PREFERRED almost three times more than the next magazine.

55% of all Poultry Farmers MENTIONED PENNSYLVANIA FARMER and it was PREFERRED three times more than the next magazine.

Abbreviations:

Ment. - Mentioned  
 Pref. - Preference



*Pennsylvania Is An Agricultural State*

ALL CATTLE and CALVES on Farms in Pennsylvania

January 1, 1936

(79% of all Pennsylvania farms have cattle)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
Lancaster	94,040	\$ 5,698,820	Huntingdon	15,160	\$ 792,870
Chester	59,820	4,007,940	Allegheny	15,090	676,030
Bradford	59,230	3,156,960	Lackawanna	14,010	812,580
Crawford	55,130	2,756,500	Northumberland	13,890	676,440
Susquehanna	51,870	3,112,200	Perry	13,710	621,060
York	49,390	2,597,910	Jefferson	13,690	532,540
Berks	44,490	2,936,340	Clearfield	13,260	574,160
Washington	43,840	2,192,000	Beaver	13,170	590,020
Erie	41,690	2,088,670	Blair	13,050	715,140
Tioga	41,660	2,166,320	Cambria	12,870	501,930
Westmoreland	40,140	2,047,140	Columbia	12,450	694,020
Mercer	39,380	1,716,970	Venango	12,350	533,520
Wayne	37,690	1,892,040	Schuylkill	12,330	739,800
Somerset	36,120	1,549,550	Luzerne	12,260	674,300
Franklin	34,510	1,863,540	Lehigh	12,230	615,170
Bucks	31,510	2,032,400	Mifflin	11,360	602,080
Bedford	28,730	1,166,420	Union	10,150	571,440
Butler	26,780	1,189,030	Snyder	10,010	553,550
Cumberland	26,100	1,312,830	Juniata	9,640	534,060
Montgomery	23,520	1,625,230	McKean	9,550	515,700
Centre	23,240	1,120,170	Fulton	8,120	312,620
Indiana	23,220	1,007,750	Clinton	6,940	356,700
Lebanon	23,020	1,473,280	Monroe	6,390	304,160
Adams	22,090	1,188,440	Sullivan	6,230	311,500
Lycoming	21,990	1,035,750	Delaware	6,040	422,800
Greene	21,360	869,350	Montour	5,540	312,460
Lawrence	20,620	927,900	Elk	4,700	224,660
Fayette	20,590	868,900	Carbon	2,950	177,000
Dauphin	20,130	970,270	Forest	2,050	92,250
Northampton	18,340	1,148,080	Pike	1,750	69,650
Armstrong	18,230	824,000	Cameron	830	41,000
Clarion	17,970	734,970	Philadelphia	690	44,710
Warren	17,840	867,020			
Potter	16,980	859,190			
Wyoming	15,270	916,200	Total	1,469,000	\$ 77,116,000

Cattle on Pennsylvania farms number the same as the preceding year, while the value has increased \$25,000,000 or 49%.

106L-4

Source - Penna. Dept. of Agri.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
PHYSICAL CHEMISTRY LABORATORY

Run	Temp. (°C)	Pressure (mm Hg)	Time (min)	Weight (g)	Volume (ml)	Density (g/ml)	Notes
1	25	760	10	0.100	0.100	1.000	
2	25	760	20	0.200	0.200	1.000	
3	25	760	30	0.300	0.300	1.000	
4	25	760	40	0.400	0.400	1.000	
5	25	760	50	0.500	0.500	1.000	
6	25	760	60	0.600	0.600	1.000	
7	25	760	70	0.700	0.700	1.000	
8	25	760	80	0.800	0.800	1.000	
9	25	760	90	0.900	0.900	1.000	
10	25	760	100	1.000	1.000	1.000	

Prepared by [Name] on [Date]



*Pennsylvania Is An Agricultural State*

Horses on Farms in Pennsylvania

January 1, 1936

(65% of all Pennsylvania farms have horses)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
Lancaster	14,520	\$ 1,815,720	Lebanon	3,690	\$ 476,010
Crawford	10,750	1,591,000	Dauphin	3,610	469,300
Chester	10,230	1,319,670	Jefferson	3,490	523,500
Franklin	9,630	1,328,940	Luzerne	3,150	481,950
Berks	9,390	1,211,310	Beaver	3,040	434,720
Bradford	8,690	1,242,670	Cambria	3,040	419,520
Erie	8,550	1,222,650	Clearfield	3,030	442,380
York	8,380	1,081,020	Warren	2,950	439,550
Bucks	7,970	1,099,860	Potter	2,900	394,400
Washington	7,620	1,051,560	Huntingdon	2,850	379,050
Westmoreland	7,610	1,088,230	Venango	2,690	398,120
Mercer	7,360	1,052,480	Blair	2,660	388,360
Somerset	6,280	929,440	Snyder	2,620	340,600
Montgomery	6,190	711,850	Perry	2,600	345,800
Butler	6,180	939,360	Mifflin	2,400	331,200
Tioga	5,970	943,260	Union	2,390	329,820
Susquehanna	5,760	858,240	Lackawanna	2,160	352,080
Indiana	5,590	799,370	Delaware	2,150	294,550
Cumberland	5,580	714,240	Wyoming	2,150	354,750
Lycoming	5,510	843,030	Fulton	2,130	283,290
Adams	5,460	720,720	Juniata	2,100	273,000
Bedford	5,260	699,580	Monroe	1,800	248,400
Northampton	4,980	687,240	Montour	1,680	218,400
Lehigh	4,900	725,200	McKean	1,600	220,800
Armstrong	4,860	767,880	Clinton	1,590	235,320
Greene	4,860	694,980	Sullivan	1,150	187,450
Fayette	4,720	679,680	Carbon	1,090	155,870
Wayne	4,280	654,840	Elk	840	125,160
Centre	4,220	582,360	Philadelphia	510	61,200
Lawrence	4,110	649,380	Forest	430	63,640
Clarion	4,080	652,800	Pike	370	53,650
Allegheny	3,890	556,270	Cameron	200	30,000
Schuylkill	3,860	551,980			
Columbia	3,850	531,300			
Northumberland	3,850	512,050	Total	294,000	\$ 41,262,000

(Horses on Pennsylvania farms number the same as the preceding year, but the value increased over 14%).

Source - Penna. Dept. of Agri.



*Pennsylvania Is An Agricultural State*

Mules on Farms in Pennsylvania

January 1, 1936

(12% of all Pennsylvania farms have mules)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
York	9,780	\$ 1,564,800	Wyoming	240	\$ 38,880
Lancaster	9,460	1,419,000	Greene	230	31,050
Berks	3,520	510,400	Mercer	220	27,280
Adams	2,710	392,950	Armstrong	220	37,180
Cumberland	2,660	372,400	Allegheny	220	31,900
Lebanon	2,240	349,440	Montgomery	220	28,600
Dauphin	2,020	303,000	Butler	200	31,200
Perry	1,860	279,000	Fayette	200	27,000
Franklin	1,350	189,000	Lackawanna	190	28,500
Chester	1,320	191,400	Lycoming	180	23,220
Northumberland	1,100	154,000	Clinton	170	22,780
Juniata	980	132,300	Carbon	160	27,200
Schuylkill	950	150,100	Susquehanna	140	17,500
Huntingdon	920	128,800	Clarion	140	21,700
Columbia	710	110,050	Lawrence	140	20,300
Mifflin	710	95,850	Wayne	130	19,500
Luzerne	700	105,000	Erie	120	16,500
Snyder	690	93,150	Beaver	120	18,600
Bedford	630	94,500	Monroe	120	17,400
Lehigh	530	79,500	Venango	110	12,540
Indiana	520	75,400	Montour	100	15,000
Centre	450	65,100	Warren	60	6,780
Westmoreland	420	67,500	Delaware	60	9,000
Bucks	410	59,450	Elk	50	6,200
Fulton	390	56,550	Tioga	50	7,150
Union	380	57,000	Potter	40	5,040
Clearfield	360	50,400	Sullivan	30	3,600
Blair	350	50,750	Pike	20	3,100
Washington	340	49,300	Forest	10	1,320
Northampton	310	44,950	McKean	10	1,210
Cambria	300	47,100	Cameron		
Somerset	280	44,800	Philadelphia		
Crawford	260	37,180			
Jefferson	250	38,750			
Bradford	240	33,840	Total	54,000	\$ 8,050,000

Mules on Pennsylvania farms number the same as the preceding year, but the value increased over 27%.

Source - Penna. Dept. of Agri.

106L-2



*Pennsylvania Is An Agricultural State*

SWINE on Farms in Pennsylvania

January 1, 1936

(47% of all Pennsylvania farms have swine)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
York	42,700	\$ 529,480	Blair	7,030	\$ 74,520
Lancaster	32,650	466,900	Schuylkill	6,940	111,040
Berks	30,290	396,800	Union	6,370	91,090
Franklin	25,280	313,470	Allegheny	6,200	83,080
Cumberland	20,520	270,860	Juniata	6,010	64,910
Dauphin	19,960	274,660	Lawrence	5,980	102,860
Adams	17,390	229,550	Cambria	5,480	70,690
Bedford	14,990	191,870	Fulton	5,470	57,980
Montgomery	14,870	203,720	Jefferson	5,260	67,850
Westmoreland	14,140	229,070	Montour	5,230	77,400
Centre	13,690	151,960	Bradford	4,890	64,550
Lycoming	13,570	161,480	Clearfield	4,670	67,720
Columbia	13,260	176,360	Luzerne	4,550	78,720
Bucks	13,080	163,430	Venango	3,880	47,340
Washington	12,610	177,800	Clinton	3,820	38,570
Delaware	12,490	167,370	Beaver	3,660	52,700
Somerset	12,200	169,580	Susquehanna	3,220	44,760
Northumberland	11,790	174,490	Tioga	3,310	44,350
Lehigh	11,420	172,440	Monroe	2,810	37,930
Chester	11,130	146,920	Warren	2,600	35,360
Crawford	10,900	167,860	Wayne	2,530	42,250
Mercer	10,430	149,150	Carbon	1,710	30,440
Northampton	10,040	135,880	Lackawanna	1,640	23,030
Butler	9,570	146,420	Potter	1,620	16,690
Lebanon	9,330	133,420	Wyoming	1,500	26,400
Armstrong	9,210	128,020	Sullivan	1,430	15,010
Perry	9,050	113,120	Forest	1,180	15,340
Clarion	8,860	115,180	Elk	1,000	13,200
Fayette	8,810	128,630	McKean	970	11,540
Indiana	8,560	130,110	Pike	380	5,090
Huntingdon	8,510	105,520	Cameron	220	2,510
Mifflin	8,200	110,700	Philadelphia	70	930
Erie	7,690	116,890			
Snyder	7,650	73,440			
Greene	7,530	86,600	Total	604,000	\$ 8,131,000

Swine on Pennsylvania farms increased 50,000 head and value increased 82% this year, as compared with last year.
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Source - Penna. Dept. of Agri.

105L-5

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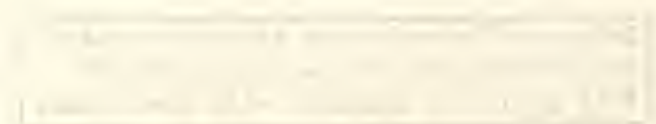
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*Pennsylvania Is An Agricultural State*

Sheep on Farms in Pennsylvania

January 1, 1936

(8.2% of all Pennsylvania farms have sheep)

<u>County</u>	<u>Number</u>	<u>Value</u>	<u>County</u>	<u>Number</u>	<u>Value</u>
Greene	140,340	\$ 773,750	Perry	2,040	\$ 11,630
Washington	102,580	605,220	Sullivan	2,000	11,000
Mercer	13,250	78,180	Jefferson	1,920	10,370
Crawford	10,420	61,480	Warren	1,890	10,020
Tioga	10,270	55,400	Bucks	1,780	11,390
Bradford	10,240	54,270	Lebanon	1,770	11,330
Franklin	10,060	69,410	Montgomery	1,630	10,110
Cumberland	8,790	60,650	Cambria	1,580	9,320
Butler	8,250	47,850	Wayne	1,560	9,360
Bedford	8,140	52,100	Delaware	1,530	9,490
Lancaster	7,110	46,220	Dauphin	1,510	9,060
Indiana	6,670	39,350	Lycoming	1,360	7,340
Somerset	6,350	36,200	Northampton	1,270	8,510
Lawrence	6,310	37,230	Juniata	1,150	6,440
Westmoreland	5,800	34,220	Wyoming	1,150	6,210
Chester	5,550	36,630	Clearfield	800	4,240
Susquehanna	5,330	30,910	Northumberland	780	4,450
Potter	5,150	27,810	Luzerne	710	3,900
Beaver	4,880	26,350	Monroe	570	3,650
Venango	4,550	24,570	Cameron	460	2,550
Fayette	4,520	25,310	Clinton	440	2,160
Huntingdon	4,380	25,840	Union	360	1,980
Adams	4,060	25,980	Snyder	310	1,740
Armstrong	3,970	21,040	Forest	270	1,450
York	3,940	27,580	Columbia	250	1,380
Lehigh	3,470	20,470	Schuylkill	230	1,290
Erie	3,400	18,020	Montour	210	1,130
Fulton	3,390	20,000	Lackawanna	190	1,030
Allegheny	3,390	18,310	Pike	180	1,060
Centre	3,180	17,810	Elk	160	780
Berks	3,080	20,020	Philadelphia	130	810
Blair	2,910	18,620	Carbon	110	660
Mifflin	2,880	15,550			
McKean	2,650	14,310			
Clarion	2,440	13,660	Total	462,000	\$ 2,676,000

Sheep on Pennsylvania farms is valued 30% higher than the number on farms last year.

Source - Penna. Dept. of Agri.





*Pennsylvania Is An Agricultural State*

Production and Value of WOOL in Pennsylvania

1935

(420,000 sheep were fleeced in Pennsylvania)

County	Production Pounds	Value	County	Production Pounds	Value
Greene	1,062,430	\$ 265,610	Perry	13,020	\$ 2,860
Washington	777,080	202,040	Sullivan	11,680	3,040
Mercer	84,000	22,680	Warren	11,350	3,060
Crawford	69,150	17,980	Bucks	11,320	2,380
Franklin	67,490	16,870	Lebanon	11,060	2,430
Cumberland	60,880	15,220	Dauphin	10,570	2,430
Bradford	59,500	13,680	Jefferson	10,450	2,510
Tioga	58,480	13,450	Montgomery	9,670	2,320
Butler	51,600	13,420	Delaware	9,230	1,750
Lancaster	49,730	10,440	Cambria	8,960	2,240
Bedford	44,630	10,710	Wayne	8,190	1,970
Indiana	41,760	10,440	Northampton	8,160	1,960
Lawrence	40,360	10,900	Lycoming	7,980	1,840
Chester	37,270	7,080	Juniata	7,060	1,690
Westmoreland	35,710	8,210	Wyoming	6,280	1,630
Somerset	34,320	8,580	Northumberland	5,160	1,240
Beaver	30,320	7,880	Clearfield	4,480	1,160
Susquehanna	30,220	8,160	Luzerne	3,960	910
Fayette	29,570	7,690	Monroe	3,340	730
Potter	29,550	7,390	Cameron	2,740	680
Venango	28,440	7,390	Clinton	2,660	530
Adams	26,030	5,990	Union	2,330	580
Huntingdon	25,760	5,920	Snyder	1,950	410
Armstrong	24,940	6,730	Forest	1,600	420
York	24,060	5,290	Montour	1,350	310
Berks	22,500	5,400	Columbia	1,320	300
Erie	22,060	5,290	Schuylkill	1,240	250
Lehigh	21,390	4,490	Lackawanna	1,080	270
Mifflin	19,750	4,940	Pike	1,000	200
Centre	19,080	4,770	Elk	880	230
Fulton	19,000	4,750	Philadelphia	800	170
Allegheny	17,850	4,460	Carbon	710	150
Blair	16,980	4,240			
McKean	14,830	3,560			
Clarion	13,700	3,700	Total	3,192,000	\$ 798,000

In 1935 Pennsylvania farmers received highest wool prices - one cent more per pound than farmers received in any other state.

126LP-3

Source - Penna. Dept. of Agri.

*Pennsylvania Farmer Covers It Best*



## *Pennsylvania Is An Agricultural State*

### Hives of Bees on Farms in Pennsylvania

January 1, 1936

(There are more Beekeepers in Pennsylvania than any other state)

<u>County</u>	<u>Hives</u>	<u>Value</u>	<u>County</u>	<u>Hives</u>	<u>Value</u>
Bradford	6,920	\$ 27,680	Wayne	1,620	\$ 6,480
Lancaster	3,910	17,600	Northumberland	1,600	5,600
Bedford	3,720	10,420	Potter	1,590	6,040
York	3,670	12,110	Fulton	1,590	4,610
Somerset	3,400	10,200	Allegheny	1,560	7,020
Erie	3,270	12,100	Venango	1,520	7,300
Westmoreland	3,180	11,770	Blair	1,480	5,330
Berks	3,060	11,630	Lycoming	1,430	5,430
Greene	2,810	10,680	Montgomery	1,420	5,820
Washington	2,810	12,080	Wyoming	1,400	5,460
Armstrong	2,750	11,000	Monroe	1,380	4,420
Jefferson	2,700	9,720	Lawrence	1,360	5,580
Columbia	2,700	8,910	Schuylkill	1,360	5,710
Indiana	2,690	8,070	Beaver	1,220	4,150
Bucks	2,660	9,840	Snyder	1,190	3,570
Crawford	2,630	9,990	Mifflin	1,140	4,670
Tioga	2,500	11,000	Lebanon	1,140	3,990
Franklin	2,470	8,890	Juniata	1,010	3,030
Adams	2,460	9,590	Warren	1,000	5,400
Clearfield	2,410	8,680	Lackawanna	950	3,990
Butler	2,290	9,390	Carbon	890	4,000
Fayette	2,270	8,170	Sullivan	820	3,120
Mercer	2,260	9,940	Montour	800	2,480
Cumberland	2,200	6,380	McKean	700	2,730
Centre	2,180	8,070	Clinton	580	2,260
Huntingdon	2,030	7,100	Union	580	2,200
Lehigh	1,920	7,300	Elk	570	2,220
Clarion	1,910	6,300	Forest	390	1,480
Perry	1,770	7,080	Pike	300	1,200
Susquehanna	1,760	6,690	Delaware	300	1,110
Cambria	1,730	6,750	Cameron	170	560
Dauphin	1,700	5,610	Philadelphia	30	100
Chester	1,700	6,800			
Northampton	1,690	5,920			
Luzerne	1,680	6,890	Total	124,900	\$ 465,510

Honey considered as a by-product by Pennsylvania beekeepers returned \$314,000 cash income in 1935. Most bees are kept largely for pollenization of fruits and berries.

PHYSICS 551 - QUANTUM MECHANICS

PROBLEM	DATE	SCORE	REMARKS
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PHYSICS 551 - QUANTUM MECHANICS  
 PHYSICS DEPARTMENT  
 UNIVERSITY OF CHICAGO

*Pennsylvania Is An Agricultural State*

Production and Value of HONEY in Pennsylvania

1935

(Honey is produced mostly on fruit farms in Pennsylvania)

<u>County</u>	<u>Pounds</u>	<u>Value</u>	<u>County</u>	<u>Pounds</u>	<u>Value</u>
Bradford	183,530	\$ 22,020	Clarion	36,180	\$ 4,700
Lancaster	107,400	18,260	Lycoming	35,220	4,930
Bedford	98,660	13,810	Venango	34,550	4,640
York	76,480	14,530	Montgomery	33,620	6,390
Berks	72,460	10,150	Perry	33,530	4,360
Erie	71,240	9,970	Wyoming	33,150	4,640
Somerset	70,850	9,210	Wayne	32,220	4,510
Washington	69,200	13,150	Northumberland	31,830	4,460
Crawford	67,260	8,740	Susquehanna	30,010	4,200
Westmoreland	66,270	11,270	Lawrence	29,630	5,040
Columbia	61,380	7,980	Schuylkill	29,630	4,740
Indiana	61,150	9,170	Blair	29,440	4,710
Cumberland	60,430	8,460	Beaver	28,890	5,200
Armstrong	59,910	8,990	Lebanon	28,070	5,330
Greene	58,560	9,370	Monroe	26,140	3,400
Adams	58,250	8,740	Mifflin	25,910	3,890
Jefferson	56,260	9,000	Warren	23,680	3,320
Franklin	56,150	7,860	Juniata	22,960	2,990
Clearfield	52,500	7,350	Snyder	22,540	3,160
Tioga	52,090	6,770	Lackawanna	18,000	2,880
Butler	52,060	9,370	Sullivan	17,860	2,320
Centre	51,620	8,780	Carbon	16,860	2,700
Lehigh	45,460	6,370	Montour	16,670	2,530
Bucks	45,350	8,620	Clinton	15,930	2,550
Potter	45,180	6,780	McKean	15,250	1,980
Cambria	44,240	6,190	Elk	12,420	1,620
Huntingdon	44,220	6,190	Union	10,440	1,570
Fayette	43,000	7,740	Forest	7,390	1,110
Mercer	42,810	7,280	Pike	5,680	910
Chester	40,260	6,440	Delaware	5,680	970
Northampton	40,020	5,600	Cameron	4,350	650
Dauphin	38,640	5,800	Philadelphia	600	110
Luzerne	38,190	5,730			
Fulton	37,650	4,890			
Allegheny	36,940	5,910	Total	2,820,000	\$ 423,000

Pennsylvania farmers received \$314,000 cash income from the sale of honey in 1935.

Source - Penna. Dept. of Agri.

126LP-5

*Pennsylvania Farmer Covers It Best*



Section Four

FARM EQUIPMENT AND MACHINERY

Among the first 10 states in farm cash income Pennsylvania ranks 5th in number and percentage of electrified farms. Over 81% of all Pennsylvania farms have automobiles and the state ranks high in the use of all types of labor-saving farm and home equipment.





Value of Dwellings on Farms

Pennsylvania Compared with U.S.A.

It is very interesting to note that the percentage of farmers' dwellings in the higher value classes is much greater in Pennsylvania than in the United States as a whole.

In Pennsylvania, 68% of the dwellings on farms operated by owners are in the \$1,000 to \$5,000 value class, while in the United States, there are only 47% in that class. Even the dwellings on farms operated by tenants show 67% in the \$1,000 to \$5,000 value class, with only 23% for the United States.

The value of farmers' dwellings by owners and tenants in Pennsylvania and United States is as follows:

Dwellings on Farms Operated by Owners

	Penna.	Per cent	U.S.A.	Per cent
Under \$1,000	30,913	21.3%	1,589,990	43.9%
\$1,000 - \$4,999	98,814	68.2%	1,734,305	47.8%
\$5,000 - \$9,999	8,765	6.0%	132,726	3.7%
\$10,000 - \$14,999	1,046	.7%	14,305	.4%
\$15,000 - \$19,999	314	.2%	3,715	.1%
\$20,000 and over	339	.3%	4,088	.1%
Not reported	<u>4,829</u>	3.3%	<u>145,154</u>	4.0%
	145,025		1,624,283	

Dwellings on Farms Operated by Tenants

	Penna.	Per cent	U.S.A.	Per cent
Under \$1,000	4,592	16.8%	1,742,551	65.4%
\$1,000 - \$4,999	18,337	67.0%	617,565	23.1%
\$5,000 - \$9,999	1,733	6.3%	24,803	1.0%
\$10,000 - \$14,999	143	.5%	1,722	.1%
\$15,000 - \$19,999	29	.1%	378	.01%
\$20,000 - and over	24	.1%	298	.01%
Not reported	<u>2,536</u>	9.2%	<u>277,048</u>	10.4%
	27,394		664,365	

The Pennsylvania farmers have better homes and are constantly in the market for products and improvements to make their homes more comfortable and liveable.



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ELECTRICITY ON FARMS IN PENNSYLVANIA

Farms With High Line Hook-Up  
Farms Having Individual Light Plants  
Un-electrified Farms

<u>County</u>	<u>Farms Served Power Lines</u>	<u>Farms Having Light Plants</u>	<u>Farms Un-electrified</u>	<u>Total Farms</u>
Lancaster	4,379	1,005	3,479	8,863
Bucks	2,691	338	2,041	5,070
York	2,534	478	4,845	7,857
Chester	2,504	519	1,913	4,936
Montgomery	2,279	280	1,287	3,846
Erie	1,898	277	3,211	5,386
Berks	1,604	553	3,845	6,002
Mercer	1,441	294	2,891	4,626
Westmoreland	1,382	342	3,644	5,368
Northampton	1,316	211	1,248	2,775
Allegheny	1,204	192	2,198	3,594
Crawford	1,041	235	5,144	6,420
Somerset	991	223	2,630	3,844
Lehigh	979	150	1,732	2,861
Franklin	929	174	2,758	3,861
Blair	893	136	842	1,871
Lebanon	848	161	1,259	2,268
Wayne	753	334	1,762	2,849
Washington	728	312	4,032	5,072
Bradford	724	404	3,856	4,984
Lawrence	712	186	1,757	2,655
Lackawanna	710	145	708	1,563
Dauphin	703	216	1,721	2,640
Fayette	697	172	3,085	3,954
Schuylkill	687	321	1,795	2,803
Adams	677	215	2,689	3,581
Clearfield	664	85	2,557	3,306
Luzerne	654	202	1,913	2,769
Cumberland	620	183	2,229	3,032
Beaver	613	170	1,571	2,354
Susquehanna	579	389	2,303	3,271
Indiana	533	112	3,197	3,842
Delaware	532	89	374	995
Butler	515	237	3,434	4,186
Northumberland	491	155	1,741	2,387
Cambria	478	126	2,225	2,829
Monroe	459	129	862	1,450
Tioga	450	163	2,626	3,239
Lycoming	442	259	2,313	3,014
Centre	440	80	1,585	2,105
Bedford	415	250	2,495	3,160
Jefferson	379	74	2,285	2,738

(Over)

<u>County</u>	<u>Farms Served Power Lines</u>	<u>Farms Having Light Plants</u>	<u>Farms Un-electrified</u>	<u>Total Farms</u>
Warren	375	15	1,653	2,104
Columbia	313	210	1,952	2,475
Huntingdon	206	120	1,619	2,035
McKean	296	27	1,174	1,497
Armstrong	291	97	2,963	3,351
Perry	273	100	1,481	1,854
Mifflin	260	71	889	1,220
Union	257	35	849	1,141
Wyoming	249	151	1,060	1,460
Clarion	233	80	2,283	2,596
Greene	213	89	2,868	3,170
Carbon	206	88	630	924
Philadelphia	197	10	79	286
Clinton	193	57	773	1,023
Snyder	192	47	1,473	1,712
Verango	187	131	1,963	2,281
Juniata	174	80	1,195	1,449
Pike	172	108	153	443
Elk	115	23	754	392
Fulton	115	79	1,161	1,355
Potter	106	48	1,595	1,749
Sullivan	84	69	565	718
Montour	76	29	578	683
Cameron	15	12	172	199
Forest	8	11	422	441
<hr/>				
Total	48,465	12,423	130,396	191,284
	25.3%	06.5%	68.2%	100%

Farms Served By Power Lines - Pennsylvania Joint Committee on Rural Electrification  
January 1, 1936.

Farms Having Light Plants - 1930 Census

Farms Un-electrified derived by subtracting farms having electricity from total farms in state.

Farms - 1930 Census

First 20 States In Number of Farms Served Electricity  
Period Ending June 30, 1936

<u>State</u>	<u>Farms Served</u>
1. California	91,329
2. New York	65,288
3. OHIO	58,383
4. MICHIGAN	56,466
5. PENNSYLVANIA	50,797
6. Wisconsin	41,635
7. Washington	40,924
8. Iowa	33,676
9. Illinois	32,269
10. Indiana	29,013
11. Massachusetts	20,923
12. Oregon	19,859
13. MISSOURI	19,168
14. Utah	18,133
15. Connecticut	18,114
16. Virginia	16,556
17. Idaho	16,005
18. NEW JERSEY	15,351
19. KANSAS	14,685
20. Maine	14,621

Penna. Rural Electric Data  
January 1, 1936

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Electric Lines . . . . .	13,914 Miles
Cost to Build . . . . .	\$ 25,512,199
Aver. Lines Built per year . . . . .	1,116 miles
Total Customers Served . . . . .	179,078
Percent Farm Customers . . . . .	25.3%
Aver. Customers Added per year . . . . .	13,030

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26.6% of the Farms in Pennsylvania are served by High Line Power Hook-up.

First 20 states contain 78.3% of all farms served electricity in United States.

PENNLAND

Pennsylvania	50,797
New Jersey	15,351
Maryland	8,371
West Virginia	7,036
Delaware	1,882
<hr/>	
	83,437

NEW ENGLAND

Massachusetts	20,923
Connecticut	18,114
Maine	14,621
New Hampshire	10,205
Vermont	8,205
Rhode Island	2,779
<hr/>	
	74,847

Source: Edison Elec. and Pa. Elec. Assoc.



## *Pennsylvania Is An Agricultural State*

### Farms Having Running Water in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	3,640	Franklin	760
York	2,670	Lehigh	750
Chester	2,660	Blair	700
Westmoreland	2,290	Northumberland	690
Bucks	2,140	Warren	690
Bradford	1,980	McKean	670
Erie	1,980	Venango	670
Somerset	1,960	Centre	660
Crawford	1,860	Lackawanna	660
Mercer	1,790	Wyoming	620
Montgomery	1,730	Monroe	600
Washington	1,710	Beaver	590
Berks	1,650	Dauphin	590
Indiana	1,590	Huntingdon	580
Allegheny	1,560	Mifflin	560
Susquehanna	1,520	Delaware	510
Butler	1,500	Cumberland	500
Tioga	1,460	Lebanon	490
Fayette	1,450	Perry	430
Wayne	1,380	Elk	360
Jefferson	1,270	Clinton	320
Armstrong	1,240	Snyder	320
Clearfield	1,180	Pike	290
Clarion	1,130	Carbon	260
Cambria	1,070	Juniata	260
Greene	1,040	Union	260
Lawrence	1,040	Fulton	210
Lycoming	1,030	Sullivan	200
Luzerne	980	Montour	170
Schuylkill	920	Philadelphia	150
Adams	880	Cameron	90
Bedford	870	Forest	80
Northampton	810		
Potter	790		
Columbia	760	Total	68,220

More than ONE of every THREE farms  
Have Running Water in Pennsylvania

Source - Penna. Dept. of Agri.

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*Pennsylvania Is An Agricultural State*

Farms Having Radios in Pennsylvania

January 1, 1936

<u>County</u>	<u>Radios</u>	<u>Farms</u>	<u>% Having</u>	<u>County</u>	<u>Radios</u>	<u>Farms</u>	<u>% Having</u>
Lancaster	2,400	8,863	27.1%	Warren	720	2,104	34.2%
Berks	2,310	6,002	38.5	Fayette	710	3,954	18.0
Chester	2,290	4,936	46.4	Dauphin	680	2,640	25.8
Bucks	2,260	5,070	44.6	Schuylkill	680	2,803	24.3
York	2,180	7,857	27.7	Northumberland	610	2,387	25.6
Westmoreland	1,960	5,368	36.5	Jefferson	610	2,738	22.3
Washington	1,840	5,072	36.3	Centre	590	2,105	28.0
Erie	1,680	5,386	31.2	Bedford	580	3,160	18.4
Crawford	1,620	6,420	25.2	Clearfield	570	3,306	17.2
Montgomery	1,590	3,846	41.3	Monroe	540	1,450	37.2
Bradford	1,490	4,984	29.9	Perry	520	1,854	28.1
Wayne	1,400	2,849	49.1	Potter	520	1,749	29.7
Lehigh	1,390	2,861	48.6	Lackawanna	500	1,563	32.0
Allegheny	1,330	3,594	37.0	Wyoming	460	1,460	31.5
Mercer	1,330	4,626	28.8	Union	460	1,141	40.3
Somerset	1,320	3,844	34.3	Delaware	440	995	44.2
Northampton	1,300	2,775	46.9	Blair	440	1,871	23.5
Susquehanna	1,290	3,271	39.4	Huntingdon	370	2,035	18.2
Butler	1,290	4,186	30.8	Juniata	340	1,449	23.5
Tioga	1,140	3,239	35.2	McKean	340	1,497	22.7
Armstrong	1,050	3,351	31.3	Fulton	320	1,355	23.6
Indiana	990	3,842	25.8	Montour	230	633	41.0
Beaver	940	2,354	39.9	Carbon	230	924	30.3
Luzerne	920	2,769	33.2	Clinton	280	1,023	27.4
Adams	920	3,581	25.7	Snyder	260	1,712	15.2
Greene	890	3,170	28.1	Sullivan	240	713	33.4
Clarion	870	2,596	33.5	Mifflin	240	1,220	19.7
Lebanon	870	2,268	38.4	Pike	230	443	51.9
Lawrence	850	2,655	32.0	Philadelphia	210	286	73.4
Lycoming	820	3,014	27.2	Elk	200	892	22.4
Franklin	800	3,861	20.7	Forest	90	441	20.4
Cumberland	790	3,032	26.1	Cameron	50	199	25.1
Venango	790	2,281	34.6				
Columbia	760	2,475	30.7				
Cambria	750	2,829	26.5	Total	59,780	191,284	31.3%

Almost one of every THREE farms  
in Pennsylvania have Radios

Source - Penna. Dept. of Agri.

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*Pennsylvania Is An Agricultural State*

Farms Having Telephones in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	3,660	Fayette	640
Chester	2,460	Beaver	620
Bradford	2,340	Northumberland	570
Washington	2,010	Northampton	570
Erie	1,700	Wyoming	560
Bucks	1,610	Lackawanna	560
Tioga	1,550	Schuylkill	550
Crawford	1,530	McKean	550
Franklin	1,420	Clearfield	530
Montgomery	1,420	Union	520
Butler	1,410	Cambria	500
Susquehanna	1,370	Perry	490
Mercer	1,370	Dauphin	470
Westmoreland	1,370	Blair	460
York	1,360	Huntingdon	440
Somerset	1,290	Lehigh	410
Allegheny	1,270	Monroe	370
Wayne	1,270	Delaware	360
Berks	1,230	Clinton	290
Adams	1,170	Juniata	280
Indiana	1,140	Mifflin	280
Clarion	1,130	Sullivan	250
Armstrong	1,020	Carbon	220
Lycoming	1,010	Montour	210
Jefferson	1,000	Snyder	190
Cumberland	960	Pike	170
Bedford	900	Fulton	150
Lawrence	860	Elk	150
Columbia	840	Philadelphia	130
Warren	820	Forest	90
Venango	770	Cameron	30
Centre	740	Greene	10
Potter	710		
Luzerne	690		
Lebanon	650	Total	57,670

Almost ONE of every THREE farms have Telephones in Pennsylvania

Source - Penna. Dept. of Agri.

116E-9



Farms Having Heating Systems in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	2,690	Blair	420
Westmoreland	1,840	Columbia	420
Chester	1,810	Northumberland	420
Bucks	1,680	Cumberland	400
Montgomery	1,600	Delaware	390
Somerset	1,510	Dauphin	340
Washington	1,150	Monroe	340
Erie	1,090	Centre	320
Fayette	1,080	Lackawanna	320
Lawrence	1,070	Clarion	290
Bradford	1,050	Huntingdon	290
Crawford	1,040	Lebanon	280
York	1,030	Warren	270
Susquehanna	990	Philadelphia	240
Wayne	990	Venango	230
Allegheny	980	Juniata	210
Mercer	960	Greene	200
Indiana	950	Carbon	180
Butler	880	Mifflin	170
Berks	840	Montour	150
Lehigh	830	Union	150
Tioga	730	Elk	130
Cambria	710	Potter	130
Beaver	670	Perry	100
Luzerne	660	Sullivan	110
Armstrong	600	Pike	120
Franklin	600	Clinton	90
Northampton	600	Fulton	90
Clearfield	560	McKean	90
Adams	550	Snyder	80
Schuylkill	540	Cameron	30
Jefferson	510	Forest	20
Lycoming	480		
Bedford	460		
Wyoming	430	Total	41,180

More than ONE of every FIVE farms  
Have Heating Systems in Pennsylvania

Source - Penna. Dept. of Agri.



## *Pennsylvania Is An Agricultural State*

### Farms Having Bathrooms in Pennsylvania

January 1, 1936

(Almost one of every five farms in Pennsylvania has a bathroom)

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	2,030	Monroe	310
Chester	1,880	Columbia	310
Bucks	1,270	Warren	310
Montgomery	1,210	McKean	290
Erie	970	Blair	290
Somerset	920	Wyoming	280
Westmoreland	870	Potter	270
Allegheny	850	Dauphin	270
York	840	Northumberland	270
Washington	820	Clarion	260
Bradford	740	Cumberland	260
Crawford	700	Bedford	250
Berks	690	Lebanon	240
Wayne	590	Beaver	230
Mercer	550	Venango	210
Butler	550	Centre	190
Susquehanna	540	Pike	180
Tioga	540	Huntingdon	170
Luzerne	520	Mifflin	170
Fayette	520	Carbon	140
Schuylkill	490	Philadelphia	130
Greene	420	Perry	130
Delaware	420	Clinton	110
Lycoming	390	Elk	100
Franklin	390	Union	90
Lawrence	390	Juniata	90
Clarion	380	Fulton	80
Adams	370	Snyder	80
Lehigh	370	Sullivan	60
Lackawanna	350	Montour	50
Northampton	340	Cameron	40
Armstrong	340	Forest	30
Cambria	320		
Clearfield	320		
Jefferson	320	Total	29, 100

12% more Pennsylvania farms are equipped with bathrooms this year, as compared with the number in 1930.





*Pennsylvania Is An Agricultural State*

AUTOMOBILES on Farms in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	9,630	Luzerne	1,970
York	7,680	Columbia	1,920
Chester	5,160	Jefferson	1,910
Berks	5,020	Centre	1,790
Crawford	4,470	Venango	1,730
Bucks	4,400	Clearfield	1,670
Westmoreland	4,070	Beaver	1,650
Bradford	4,050	Perry	1,620
Erie	4,000	Huntingdon	1,580
Washington	3,930	Cambria	1,550
Mercer	3,680	Warren	1,540
Montgomery	3,540	Snyder	1,410
Franklin	3,530	Blair	1,330
Somerset	3,270	Juniata	1,320
Adams	3,260	Monroe	1,280
Butler	3,170	Potter	1,230
Cumberland	2,840	Union	1,130
Bedford	2,740	Lackawanna	1,110
Indiana	2,710	Fulton	1,060
Susquehanna	2,620	Wyoming	1,050
Tioga	2,600	McKean	910
Northampton	2,570	Mifflin	910
Greene	2,480	Delaware	790
Allegheny	2,460	Clinton	740
Wayne	2,410	Montour	640
Lycoming	2,390	Carbon	630
Armstrong	2,390	Elk	550
Fayette	2,360	Sullivan	510
Lehigh	2,320	Pike	490
Dauphin	2,300	Forest	210
Lebanon	2,180	Philadelphia	210
Clarion	2,140	Cameron	120
Lawrence	2,110		
Schuylkill	2,060		
Northumberland	2,040	Total	155,140

FOUR of every FIVE farms have  
Automobiles in Pennsylvania

Source - Penna. Dept. of Agri.

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*Pennsylvania Is An Agricultural State*

Farm-Owned Motor Trucks in Pennsylvania

January 1, 1936

<u>County</u>	<u>*Total Trucks</u>	<u>Farm-Owned Trucks</u>	<u>Percent Farm-Owned</u>
Lancaster	7,456	2,460	33.0%
Berks	3,104	2,390	29.5
York	6,395	2,290	35.8
Chester	4,971	1,970	39.6
Bucks	4,349	1,930	44.4
Erie	5,307	1,510	28.5
Allegheny	29,747	1,460	4.9
Montgomery	9,036	1,430	15.8
Luzerne	10,900	1,370	12.6
Westmoreland	6,058	1,350	22.3
Schuylkill	7,715	1,340	17.4
Northampton	5,359	1,120	20.9
Bradford	1,838	1,040	56.6
Susquehanna	1,424	1,040	73.0
Lehigh	5,618	1,010	18.0
Columbia	2,252	1,000	44.4
Crawford	2,071	930	47.3
Wayne	1,502	970	64.6
Franklin	2,097	910	43.4
Somerset	2,123	910	42.9
Washington	4,246	910	21.4
Bedford	1,294	860	66.5
Adams	1,398	850	60.8
Butler	2,563	820	32.0
Mercer	2,304	820	35.6
Northumberland	4,893	820	16.8
Lycoming	2,952	790	26.8
Fayette	4,220	770	18.2
Lackawanna	7,793	730	9.4
Blair	3,806	700	18.4
Indiana	1,761	680	38.6
Tioga	1,320	680	51.5
Lebanon	2,977	670	22.5
Dauphin	8,388	660	7.9
Cambria	4,142	650	15.7
Cumberland	2,227	620	27.8
Beaver	2,874	600	20.9
Centre	1,553	600	38.6
Wyoming	1,087	590	54.3
Lawrence	2,356	540	22.9
Armstrong	1,580	440	27.9
Clearfield	2,019	440	21.8

(Over)

<u>County</u>	<u>Total Trucks</u>	<u>Farm-Owned Trucks</u>	<u>Percent Farm-Owned</u>
Delaware	5,489	430	7.8%
Monroe	1,320	430	32.6
Venango	1,812	410	22.6
Huntingdon	958	400	41.8
Snyder	699	370	52.9
Carbon	1,476	350	23.7
Clarion	1,087	340	31.2
Potter	596	340	57.1
Warren	1,243	340	27.4
Jefferson	1,269	330	26.0
Juniata	492	300	61.0
McKean	2,045	270	13.2
Perry	751	260	34.6
Union	570	260	45.6
Greene	777	250	32.2
Fulton	259	240	92.7
Clinton	828	220	26.6
Mifflin	1,165	220	18.9
Elk	777	200	25.8
Philadelphia	41,657	180	.4
Montour	466	170	36.5
Pike	414	150	36.3
Sullivan	337	130	38.6
Forest	181	50	27.6
Cameron	155	30	19.4
Total	258,898	50,390	19.5%

Pennsylvania farmers in each of 42 counties own and operate over 25% of all trucks in their county.

Omitting Philadelphia and Allegheny counties, i. e., city trucks in Philadelphia, and Pittsburgh, Pennsylvania farmers own 26.6% of all trucks in Pennsylvania.

\*Total Trucks - 1935 Registration Figures

Source:- Pennsylvania Department of Agriculture and Bureau of Motor Vehicles.

## *Pennsylvania Is An Agricultural State*

### TRACTORS on Farms in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	2,210	Cambria	400
Berks	1,820	Blair	380
York	1,600	Armstrong	380
Bucks	1,590	Beaver	360
Chester	1,530	Clearfield	350
Montgomery	1,210	Huntingdon	330
Erie	1,120	Venango	320
Westmoreland	1,020	Perry	320
Bradford	1,000	Wayne	310
Northampton	890	Wyoming	310
Lehigh	860	Mifflin	310
Crawford	820	Snyder	310
Somerset	770	Union	310
Adams	760	Jefferson	300
Washington	740	Lackawanna	300
Franklin	730	Juniata	280
Butler	720	Warren	270
Allegheny	690	Potter	240
Mercer	680	Clinton	220
Centre	600	Montour	200
Tioga	580	Greene	200
Susquehanna	570	Delaware	190
Lebanon	570	Carbon	190
Schuylkill	530	Monroe	180
Lawrence	530	Elk	180
Cumberland	530	McKean	130
Fayette	520	Fulton	120
Indiana	520	Philadelphia	110
Luzerne	500	Sullivan	60
Lycoming	480	Forest	40
Dauphin	470	Pike	40
Columbia	470	Cameron	10
Bedford	450		
Northumberland	450		
Clarion	440	Total	36,620

ONE of every FIVE farms  
have Tractors in Pennsylvania.

Source - Penna. Dept. of Agri.

106E-3



*Pennsylvania Is An Agricultural State*

GAS ENGINES on Farms in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Lancaster	3,980	Westmoreland	600
York	3,930	Clearfield	580
Berks	3,210	Snyder	580
Bucks	2,900	Somerset	580
Chester	2,290	Indiana	530
Montgomery	2,050	Perry	520
Bradford	2,030	Wyoming	510
Crawford	1,740	Huntingdon	510
Cumberland	1,730	Potter	500
Susquehanna	1,640	Mifflin	480
Wayne	1,610	Beaver	460
Lehigh	1,560	Juniata	460
Franklin	1,500	Greene	460
Erie	1,490	Armstrong	450
Tioga	1,450	Clarion	450
Northampton	1,380	Carbon	440
Adams	1,310	Blair	420
Washington	1,210	Lackawanna	400
Lycoming	1,190	Montour	360
Lebanon	1,150	Clinton	320
Butler	1,100	Venango	300
Schuylkill	1,080	Pike	270
Mercer	1,070	Jefferson	260
Luzerne	1,040	Sullivan	250
Dauphin	1,000	Fayette	240
Northumberland	900	Delaware	240
Warren	880	McKean	230
Monroe	850	Fulton	170
Columbia	780	Elk	140
Centre	710	Philadelphia	70
Allegheny	680	Forest	60
Bedford	670	Cameron	40
Union	660		
Lawrence	640		
Cambria	620	Total	63,910

Almost TWO of every FIVE farms  
have Gas Engines in Pennsylvania

Source - Penna. Dept. of Agri.

106-E-4





*Pennsylvania Is An Agricultural State*

SILOS on Farms in Pennsylvania

January 1, 1936

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
Bradford	2,880	Armstrong	350
Lancaster	2,260	Perry	350
Crawford	2,110	Cambria	340
Tioga	1,960	Clearfield	340
Susquehanna	1,920	Dauphin	340
Chester	1,600	Venango	330
Erie	1,460	Northampton	330
Somerset	1,310	Allegheny	320
Wayne	1,250	Huntingdon	310
York	1,140	Mifflin	310
Mercer	1,130	Northumberland	290
Bucks	950	Sullivan	280
Bedford	920	Union	270
Butler	870	Columbia	260
Franklin	870	Snyder	240
Washington	840	McKean	210
Warren	810	Juniata	190
Montgomery	800	Fayette	190
Wyoming	740	Clinton	150
Lycoming	720	Schuylkill	140
Lawrence	710	Elk	130
Cumberland	670	Delaware	120
Berks	660	Montour	110
Westmoreland	640	Lehigh	110
Potter	560	Pike	100
Lebanon	540	Fulton	100
Clarion	530	Monroe	90
Lackawanna	510	Greene	70
Centre	500	Carbon	50
Adams	490	Forest	20
Beaver	420	Cameron	20
Blair	420	Philadelphia	10
Indiana	410		
Jefferson	410		
Luzerne	410	Total	40,690

More than ONE of every FIVE farms have Silos in Pennsylvania

Source - Penna. Dept. of Agri.

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*Pennsylvania Is An Agricultural State*

Farms Having Cream Separators in Pennsylvania

January 1, 1936 .

<u>County</u>	<u>Number</u>	<u>County</u>	<u>Number</u>
York	2,560	Blair	600
Somerset	2,350	Lackawanna	600
Mercer	2,310	Perry	590
Bedford	2,010	McKean	590
Clarion	1,960	Bradford	560
Indiana	1,960	Elk	510
Jefferson	1,910	Berks	480
Cambria	1,900	Monroe	460
Crawford	1,890	Snyder	450
Warren	1,720	Franklin	450
Washington	1,710	Lehigh	430
Butler	1,630	Adams	400
Erie	1,630	Mifflin	370
Lycoming	1,600	Clinton	340
Clearfield	1,420	Tioga	310
Westmoreland	1,420	Carbon	300
Venango	1,400	Pike	270
Allegheny	1,330	Forest	270
Lancaster	1,290	Northampton	240
Lawrence	1,200	Chester	240
Columbia	1,110	Wyoming	200
Armstrong	1,090	Sullivan	200
Beaver	1,040	Lebanon	190
Northumberland	990	Bucks	180
Fayette	960	Cumberland	170
Huntingdon	960	Union	160
Schuylkill	850	Juniata	110
Dauphin	850	Montgomery	100
Susquehanna	820	Cameron	80
Greene	790	Montour	70
Luzerne	710	Philadelphia	30
Fulton	690	Delaware	20
Wayne	690		
Potter	690		
Centre	650	Total	58,060

One of Every Three Farms In  
Pennsylvania Have Cream Separators

Source - Penna. Dept. of Agri.

116E-11



Section Five

MISCELLANEOUS DATA

Pennsylvania has many more towns, i. e., good local markets for farm products, than any other state. It is connected with these towns by 27,300 miles of hard surfaced highway.



Average Size of Pennsylvania Farms by Counties

<u>Counties</u>	<u>1935</u> <u>Acres</u>	<u>Counties</u>	<u>1935</u> <u>Acres</u>
Adams	76.7	Lancaster	58.6
Allegheny	53.0	Lawrence	68.0
Armstrong	83.1	Lebanon	69.4
Beaver	76.4	Lehigh	58.6
Bedford	129.1	Luzerne	66.2
Berks	66.8	Lycoming	100.0
Blair	83.8	McKean	83.9
Bradford	114.7	Mercer	79.0
Bucks	55.9	Mifflin	106.2
Butler	76.6	Monroe	96.4
Cambria	67.7	Montgomery	48.1
Cameron	95.9	Montour	162.4
Carbon	67.0	Northampton	57.8
Centre	115.6	Northumberland	80.2
Chester	78.9	Perry	107.3
Clarion	89.3	Philadelphia	48.6
Clearfield	63.8	Pike	108.3
Clinton	92.1	Potter	142.4
Columbia	81.0	Schuylkill	65.6
Crawford	83.4	Snyder	78.6
Cumberland	80.5	Somerset	113.4
Dauphin	71.5	Sullivan	111.2
Delaware	56.1	Susquehanna	127.2
Elk	71.3	Tioga	131.8
Erie	74.9	Union	84.3
Fayette	68.6	Venango	83.3
Forest	87.9	Warren	99.2
Franklin	88.7	Washington	92.7
Fulton	128.0	Wayne	110.5
Greene	106.3	Westmoreland	75.7
Huntingdon	138.3	Wyoming	101.7
Indiana	90.1	York	63.3
Jefferson	78.1		
Juniata	99.9	Total	82.9
Lackawanna	71.5		

Source - 1935 Census Figures

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*Pennsylvania Is An Agricultural State*

FIRST 20 STATES IN TOTAL FERTILIZER CONSUMPTION

1935

<u>State</u>	<u>Consumption</u>	<u>Per Cent Change</u> <u>1934 to 1935</u>
1. North Carolina	1,000,071 Tons	14.0 %
2. Georgia	617,439 "	12.4
3. South Carolina	613,561 "	7.2
4. Alabama	422,400 "	17.8
5. Florida	418,239 "	1.1
6. Virginia	378,536 "	12.7
7. Ohio	306,509 "	16.2
8. PENNSYLVANIA	275,466 "	2.8
9. New York	234,000 "	3.5
10. Mississippi	214,015 "	32.1
11. Indiana	194,946 "	30.8
12. California	178,156 "	19.9
13. Maryland	164,843 "	12.5
14. New Jersey	149,408 "	8.2
15. Maine	125,000 "	9.4
16. Michigan	105,000 "	16.7
17. Tennessee	96,444 "	4.3
18. Louisiana	92,532 "	21.2
19. Kentucky	73,502 "	17.6
20. Massachusetts	63,208 "	9.7

PENNLAND

Pennsylvania	275,466 Tons
Maryland	164,843 "
New Jersey	149,408 "
West Virginia	55,000 "
Delaware	37,800 "

682,517 Tons

NEW ENGLAND

Maine	125,000 Tons
Massachusetts	63,208 "
Connecticut	51,000 "
New Hampshire	16,000 "
Vermont	15,295 "
Rhode Island	12,000 "

282,503 Tons

Source - The Fertilizer Review



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*Pennsylvania Is An Agricultural State*

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COMMERCIAL FERTILIZER Used On Pennsylvania Farms

1935

(73% of all Pennsylvania farmers use commercial fertilizer)

<u>County</u>	<u>Tonnage</u>	<u>Value</u>	<u>*Percent Farmers Using</u>
Lancaster	24,710	\$ 643,700	82%
York	23,090	519,520	89
Berks	13,940	329,680	76
Chester	12,980	319,960	84
Bucks	11,270	289,080	87
Adams	10,510	230,170	92
Franklin	10,370	204,810	89
Cumberland	8,560	152,370	85
Columbia	7,350	181,910	82
Somerset	7,200	161,280	73
Erie	7,190	196,290	76
Schuylkill	6,920	186,840	84
Lehigh	6,970	175,640	88
Montgomery	6,760	176,440	56
Northampton	5,910	140,360	76
Crawford	5,740	141,200	77
Westmoreland	5,730	124,910	71
Lycoming	5,430	123,830	85
Lebanon	5,120	117,500	86
Butler	4,980	118,520	74
Washington	4,900	122,990	59
Northumberland	4,890	109,290	83
Indiana	4,610	94,960	69
Allegheny	4,550	120,570	80
Bradford	4,470	86,270	55
Luzerne	4,460	109,270	74
Perry	4,360	79,350	88
Clearfield	4,270	113,370	64
Cambria	4,160	81,120	81
Armstrong	4,110	97,820	80
Dauphin	3,850	106,840	79
Jefferson	3,520	74,620	85
Bedford	3,350	68,840	71
Centre	3,290	67,940	74
Mercer	3,170	81,150	61
Tioga	3,000	59,580	51
Snyder	2,990	65,030	83
Lawrence	2,910	73,910	65
Clarion	2,850	60,420	83
Fayette	2,630	61,800	51

(over)

<u>County</u>	<u>Tonnage</u>	<u>Value</u>	<u>*Percent Farmers Using</u>
Juniata	2,590	\$ 50,250	83%
Beaver	2,450	55,620	77
Susquehanna	2,390	58,860	52
Warren	2,220	50,170	82
Fulton	2,210	34,700	88
Union	2,180	47,520	76
Lackawanna	2,000	56,700	73
Wayne	1,950	49,630	54
Venango	1,930	45,360	76
Blair	1,900	48,260	58
Monroe	1,810	42,170	82
Carbon	1,790	45,380	91
Montour	1,760	37,660	73
Delaware	1,740	55,680	77
Mifflin	1,660	33,200	65
Huntingdon	1,550	32,940	64
Clinton	1,300	28,860	69
Wyoming	1,240	35,960	49
Potter	1,140	27,770	40
Elk	1,100	28,940	80
Philadelphia	1,010	32,320	82
Sullivan	930	23,250	82
Greene	800	16,160	24
McKean	700	17,010	62
Forest	340	8,130	71
Pike	130	3,900	23
Cameron	110	2,450	42
Total	308,000	\$ 7,238,000	73%

Pennsylvania - eighth state in fertilizer consumption - used over 14% more commercial fertilizer in 1935 than in 1934.

\*1934 figures - latest available

Source - Pennsylvania Department of Agriculture

## *Pennsylvania Is An Agricultural State*

### LIME Used on Pennsylvania Farms

1935

(41% of all Pennsylvania farmers use lime)

<u>County</u>	<u>Tonnage</u>	<u>Value</u>	<u>*Percent Farmers Using</u>
Westmoreland	24,210	\$ 124,680	63%
Washington	15,600	112,320	58%
Fayette	14,560	88,820	63%
Armstrong	13,600	79,560	71%
Chester	13,590	150,170	52%
Butler	12,600	77,490	57%
Bradford	11,960	90,220	60%
Somerset	11,930	60,840	52%
Indiana	11,440	71,500	53%
York	11,060	81,290	32%
Mercer	10,630	46,240	63%
Lancaster	10,600	112,360	27%
Clarion	10,180	56,500	50%
Crawford	9,270	51,450	54%
Allegheny	8,730	60,240	65%
Jefferson	8,160	42,020	52%
Wayne	8,070	58,580	65%
Blair	7,650	31,360	45%
Berks	7,550	81,540	27%
Lawrence	7,350	28,300	59%
Clearfield	7,330	41,780	48%
Schuylkill	7,080	67,970	64%
Cambria	6,900	37,600	57%
Erie	6,880	47,470	44%
Susquehanna	6,090	49,940	64%
Venango	6,030	30,150	60%
Beaver	6,000	28,800	71%
Luzerne	5,360	34,840	61%
Lycoming	4,820	27,710	44%
Tioga	4,760	34,750	44%
Bucks	4,450	52,510	25%
Montgomery	4,300	43,860	26%
Columbia	4,050	28,550	37%
Warren	3,900	26,520	59%
Bedford	3,740	15,710	30%
Perry	3,690	15,130	28%
Franklin	3,660	22,330	17%
Union	3,620	16,290	41%
Potter	3,580	22,550	45%
Lackawanna	3,500	35,000	57%

(Over)

<u>County</u>	<u>Tonnage</u>	<u>Value</u>	<u>*Percent Farmers Using</u>
Juniata	3,300	\$ 14,350	30%
Wyoming	3,150	25,200	59%
Adams	2,760	22,080	16%
Elk	2,450	18,010	54%
Dauphin	2,350	17,390	17%
Centre	2,300	10,700	14%
Huntingdon	2,250	10,460	20%
McKean	2,110	14,560	42%
Snyder	1,910	8,790	19%
Northumberland	1,870	10,000	13%
Clinton	1,790	9,670	37%
Sullivan	1,720	10,320	45%
Fulton	1,710	11,630	20%
Lebanon	1,390	10,420	14%
Greene	1,330	7,870	15%
Carbon	1,290	14,190	38%
Mifflin	1,140	5,240	15%
Cumberland	1,110	8,940	6%
Delaware	1,090	11,940	28%
Forest	880	5,720	77%
Monroe	830	6,470	18%
Northampton	830	7,890	9%
Montour	760	3,800	19%
Lehigh	500	5,000	6%
Pike	290	2,350	21%
Cameron	230	1,200	21%
Philadelphia	130	1,430	13%
Total	370,000	\$ 2,460,560	41%

Pennsylvania first in consumption, uses 10% of all lime applied in U.S. (1935 Penna. consumption - 14% more than in 1934 and 98% greater than in 1932.)

\*1934 figures - latest available  
Source - Penna. Dept. of Agri.

Pennsylvania farmers sell  
\$55,000,000 annually  
in farm products direct to  
consumers in 132 farmer  
markets . . . . .

On October 7, the Borough of Hanover in York County opened its new municipal farmers' market for operation, says the Pennsylvania bureau of markets. The market, which comprises a new one-story brick and steel building, 64 feet wide and 156 feet long, containing 96 stalls, was built by the borough to replace the curb market which has been in operation many years, the bureau specialists explain. It is a modern market in every respect, being well lighted and ventilated, attractively laid out and sanitarily equipped with ample parking space to the rear for the accommodation of tenants and buyers. This market cost the borough only \$15,000 complete, which is described as an unbelievably low sum considering the substantial construction of the building and the fact that the equipment includes two comfort stations, steam heating plant, white enameled stands, white butcher cases, good electric lights and complete plumbing supplies.

Because of the low costs, the borough is able to rent space to farmers and dealers at a very low price and hence a complete occupancy is assured. In addition to using the building for a farmers' market, the Hanover authorities plan to hold annual automobile, flower, farm products and other shows to stimulate local enterprises, in the premises.

This latest addition to Pennsylvania farmers' market houses brings the total number of enclosed retail farm markets in this State to seventy. In addition to the enclosed markets, Pennsylvania has 62 open air or curb markets still in operation, making a total of 132 farmers' markets in this State. The business transacted at these markets is estimated to exceed \$55,000,000 annually in farm products alone.

( From Pennsylvania Department of Agriculture  
Weekly News Bulletin, October 19-26, 1933. )

This is an average of \$319.00 per farm direct cash sales in nearby markets with a minimum of transportation charges (almost all conveyed by farmers' own trucks). Net cash—no commission or brokers' charges. The actual sales by those farmers who sell in these markets is no doubt much over \$500.00 on the average. This does not include major crops, grains, livestock, milk, etc. This is really an enlargement of the old-time "Butter and Egg money" of the farm wife. It is made possible by home markets for all that Pennsylvania farms produce.

This does not include "Road-Side" markets on which no estimate can be made.





Pennsylvania Ranks Second in Number of Retail Establishments,  
 Also Second in Net Sales Volume of Business During 1933.

<u>Rank</u>	<u>State</u>	<u>Number of Stores</u>	<u>Net Sales</u>	<u>Rank</u>
(1)	New York	177,034	\$ 4,005,615,000	(1)
(2)	PENNSYLVANIA	115,421	2,014,402,000	(2)
(3)	Illinois	98,793	1,727,407,000	(4)
(4)	California	89,107	1,816,793,000	(3)
(5)	Ohio	85,818	1,417,109,000	(5)
(6)	Texas	67,171	959,029,000	(9)
(7)	New Jersey	63,935	1,011,279,000	(8)
(8)	Michigan	56,937	1,069,872,000	(7)
(9)	Massachusetts	51,812	1,210,895,000	(6)
(10)	Missouri	49,185	757,051,000	(10)
(11)	Wisconsin	44,487	618,649,000	(11)
(12)	Indiana	41,236	569,080,000	(13)
(13)	Iowa	34,551	479,223,000	(14)
(14)	Minnesota	33,947	584,412,000	(12)
(15)	North Carolina	27,585	363,207,000	(18)
(16)	Georgia	26,699	351,801,000	(20)
(17)	Kansas	26,653	327,997,000	(23)
(18)	Virginia	26,419	357,889,000	(19)
(19)	Oklahoma	26,313	343,495,000	(21)
(20)	Kentucky	25,651	305,491,000	(24)
(21)	Maryland	23,438	378,869,000	(17)
(22)	Tennessee	22,794	330,862,000	(22)
(23)	Washington	22,273	416,490,000	(16)
(24)	Louisiana	22,239	263,542,000	(27)
(25)	Connecticut	21,738	426,183,000	(15)
(26)	Florida	21,649	288,227,000	(25)
(27)	Alabama	20,079	249,692,000	(28)
(28)	Nebraska	19,185	275,463,000	(26)
(29)	West Virginia	17,124	244,163,000	(29)
(30)	Arkansas	15,822	179,284,000	(36)
(31)	South Carolina	15,468	185,176,000	(33)
(32)	Mississippi	14,775	140,869,000	(37)
(33)	Oregon	13,749	224,288,000	(32)
(34)	Colorado	13,667	235,749,000	(30)
(35)	Maine	11,383	183,551,000	(35)
(36)	South Dakota	8,538	105,951,000	(41)
(37)	Rhode Island	8,417	185,173,000	(34)
(38)	North Dakota	7,967	107,905,000	(40)
(39)	Montana	6,711	111,162,000	(38)
(40)	New Hampshire	6,297	110,480,000	(39)
(41)	Dist. of Columbia	6,139	234,947,000	(31)
(42)	Idaho	5,136	87,322,000	(43)
(43)	Utah	5,090	94,884,000	(42)
(44)	Vermont	4,884	77,844,000	(44)
(45)	Arizona	4,745	76,147,000	(45)
(46)	New Mexico	4,238	53,557,000	(48)
(47)	Delaware	3,421	58,057,000	(46)
(48)	Wyoming	3,160	55,788,000	(47)
(49)	Nevada	1,459	28,391,000	(49)
	U. S. Total	1,520,339	\$ 25,700,712,000	

PHOTOGRAPHIC WORKS PRINTED IN THE OFFICE OF THE DIRECTOR OF THE BUREAU OF LAND MANAGEMENT  
 ALSO PRINTED IN THE OFFICE OF THE DIRECTOR OF THE BUREAU OF LAND MANAGEMENT

Order	State	Number of Stores	Total Sales
(1)	Alabama	1,223	\$1,200,000
(2)	Alaska	1	100,000
(3)	Arizona	4,782	1,100,000
(4)	Arkansas	4,782	1,100,000
(5)	California	89,127	1,000,000
(6)	Colorado	2,100	1,000,000
(7)	Connecticut	2,100	1,000,000
(8)	Delaware	1	100,000
(9)	District of Columbia	1	100,000
(10)	Florida	21,745	1,000,000
(11)	Georgia	26,684	1,000,000
(12)	Hawaii	1	100,000
(13)	Idaho	34,641	1,000,000
(14)	Illinois	44,320	1,000,000
(15)	Indiana	44,320	1,000,000
(16)	Iowa	44,320	1,000,000
(17)	Kansas	44,320	1,000,000
(18)	Kentucky	44,320	1,000,000
(19)	Louisiana	44,320	1,000,000
(20)	Maine	44,320	1,000,000
(21)	Maryland	44,320	1,000,000
(22)	Massachusetts	44,320	1,000,000
(23)	Michigan	44,320	1,000,000
(24)	Minnesota	44,320	1,000,000
(25)	Mississippi	44,320	1,000,000
(26)	Missouri	44,320	1,000,000
(27)	Montana	44,320	1,000,000
(28)	Nebraska	44,320	1,000,000
(29)	Nevada	44,320	1,000,000
(30)	New Hampshire	44,320	1,000,000
(31)	New Jersey	44,320	1,000,000
(32)	New Mexico	44,320	1,000,000
(33)	New York	44,320	1,000,000
(34)	North Carolina	44,320	1,000,000
(35)	North Dakota	44,320	1,000,000
(36)	Ohio	44,320	1,000,000
(37)	Oklahoma	44,320	1,000,000
(38)	Oregon	44,320	1,000,000
(39)	Pennsylvania	44,320	1,000,000
(40)	Rhode Island	44,320	1,000,000
(41)	South Carolina	44,320	1,000,000
(42)	South Dakota	44,320	1,000,000
(43)	Tennessee	44,320	1,000,000
(44)	Texas	44,320	1,000,000
(45)	Utah	44,320	1,000,000
(46)	Vermont	44,320	1,000,000
(47)	Virginia	44,320	1,000,000
(48)	Washington	44,320	1,000,000
(49)	West Virginia	44,320	1,000,000
(50)	Wisconsin	44,320	1,000,000
(51)	Wyoming	44,320	1,000,000

Total Sales: \$1,000,000,000  
 Total Number of Stores: 1,000,000

*Pennsylvania Is An Agricultural State*

Pennsylvania Roads

(48,500 miles of "farm-to-market" roads not included)

<u>County</u>	<u>Total Miles Highways</u>	<u>Surfaced and Improved</u>	<u>Unimproved</u>	<u>Percent Unimproved</u>
Westmoreland	1,096	799	297	27.1%
Lancaster	1,047	1,038	9	00.9
York	1,017	763	254	25.0
Chester	1,001	851	150	14.8
Braford	886	587	299	33.7
Berks	875	737	138	15.8
Washington	855	684	171	20.0
Susquehanna	837	456	381	45.5
Bucks	832	712	120	14.4
Crawford	823	570	253	30.7
Somerset	815	545	270	33.1
Indiana	802	631	171	21.3
Allegheny	787	557	230	29.2
Montgomery	747	740	7	00.1
Lycoming	741	478	263	35.5
Bedford	713	441	272	38.1
Clearfield	713	439	274	38.4
Erie	691	519	172	24.9
Tioga	681	431	250	36.7
Butler	672	506	166	24.7
Luzerne	651	527	124	19.0
Wayne	629	423	206	32.8
Mercer	622	498	124	20.0
Armstrong	606	404	202	33.3
Huntingdon	606	404	202	33.3
Fayette	598	469	129	21.6
Schuylkill	563	501	62	11.0
Centre	530	449	81	15.3
Beaver	529	361	168	31.8
Greene	524	311	213	40.7
Cambria	522	462	60	11.5
Franklin	515	467	48	9.3
Jefferson	495	373	122	24.6
Cumberland	493	372	121	24.5
Columbia	488	333	155	31.8
Northumberland	485	349	136	28.0

(Over)

<u>County</u>	<u>Total Miles Highways</u>	<u>Surfaced and Improved</u>	<u>Unimproved</u>	<u>Percent Unimproved</u>
Adams	483	370	113	23.4%
Clarion	471	343	128	27.1
Potter	454	285	169	37.2
Warren	443	307	136	30.7
Venango	441	327	114	25.9
Monroe	424	343	81	19.1
Dauphin	422	392	30	07.1
Lehigh	422	397	25	05.9
Northampton	411	393	18	04.4
McKean	388	330	58	15.0
Perry	388	264	124	32.0
Delaware	376	373	3	00.1
Lackawanna	364	314	50	13.7
Lawrence	352	261	91	25.9
Lebanon	344	336	8	00.2
Blair	343	304	39	11.4
Wyoming	326	217	109	33.4
Snyder	307	192	115	37.5
Fulton	300	188	112	37.3
Juniata	293	186	107	36.5
Pike	286	191	95	33.2
Clinton	271	215	56	20.7
Sullivan	266	133	133	50.0
Elk	239	170	69	28.9
Union	237	155	82	34.6
Mifflin	227	181	46	20.3
Carbon	225	209	16	07.1
Forest	172	126	46	26.7
Montour	150	88	62	41.3
Cameron	99	82	17	17.2
Philadelphia	1	1	-	-
Total	35,412	26,860	8,552	24.2%

58% of all roads in Pennsylvania are dirt county roads and are of vital interest to Pennsylvania farmers. These "farm-to-market" roads may be taken over permanently by the state.

Source - Department of Highways - Aug. 27, 1935

*Pennsylvania Is An Agricultural State*

FIRST 20 STATES IN NUMBER OF FARMER-TRAPPERS

<u>State</u>	<u>Number</u>
1. PENNSYLVANIA	148,900
2. Illinois	132,990
3. Texas	115,810
4. Alabama	85,200
5. Iowa	72,300
6. Kentucky	71,290
7. Indiana	64,780
8. Tennessee	62,730
9. Arkansas	57,760
10. MICHIGAN	56,450
11. KANSAS	56,150
12. Wisconsin	54,130
13. New York	53,890
14. Louisiana	53,240
15. OHIO	52,890
16. Minnesota	51,200
17. Virginia	50,150
18. Oklahoma	45,570
19. South Carolina	41,150
20. North Carolina	40,350

Pennland

New England

Pennsylvania	148,900	Maine	14,090
New Jersey	10,600	New Hampshire	4,420
West Virginia	27,480	Vermont	9,480
Maryland	13,460	Massachusetts	8,500
Delaware	3,230	Rhode Island	1,080
		Connecticut	5,700
	<hr/>		<hr/>
	203,670		43,270

National Fur Tax Committee-May, 1935

116M-17



Pennsylvania Farmer Monthly Pattern Sales In 1935

	<u>Dress Patterns</u>	<u>Embroidery &amp; Quilt Patterns</u>	<u>Fashion Books</u>	<u>Total Sales</u>
January	2,439	1,423	42	3,904
February	2,396	1,104	15	3,515
March	2,050	552	30	2,632
April	1,669	433	5	2,107
May	1,356	175	8	1,539
June	1,158	212	27	1,397
July	1,093	88	22	1,203
August	.946	35	7	988
September	999	132	3	1,134
October	1,325	93	10	1,428
November	1,357	266	43	1,666
December	968	295	34	1,297
	<hr/>	<hr/>	<hr/>	<hr/>
	17,756	4,808	246	22,810

PENNSYLVANIA FARMER sold an average of one pattern for every 6.9 subscribers in 1935.

This will compare favorably with the pattern sales of purely WOMEN'S PUBLICATIONS considering the relative space devoted to the subject.

26M-7

TABLE 1. Summary of the data

Year	Number of cases	Number of deaths	Number of recoveries	Number of relapses
1950	10	2	8	0
1951	15	3	12	0
1952	20	4	16	0
1953	25	5	20	0
1954	30	6	24	0
1955	35	7	28	0
1956	40	8	32	0
1957	45	9	36	0
1958	50	10	40	0
1959	55	11	44	0
1960	60	12	48	0
1961	65	13	52	0
1962	70	14	56	0
1963	75	15	60	0
1964	80	16	64	0
1965	85	17	68	0
1966	90	18	72	0
1967	95	19	76	0
1968	100	20	80	0
1969	105	21	84	0
1970	110	22	88	0
1971	115	23	92	0
1972	120	24	96	0
1973	125	25	100	0
1974	130	26	104	0
1975	135	27	108	0
1976	140	28	112	0
1977	145	29	116	0
1978	150	30	120	0
1979	155	31	124	0
1980	160	32	128	0
1981	165	33	132	0
1982	170	34	136	0
1983	175	35	140	0
1984	180	36	144	0
1985	185	37	148	0
1986	190	38	152	0
1987	195	39	156	0
1988	200	40	160	0
1989	205	41	164	0
1990	210	42	168	0
1991	215	43	172	0
1992	220	44	176	0
1993	225	45	180	0
1994	230	46	184	0
1995	235	47	188	0
1996	240	48	192	0
1997	245	49	196	0
1998	250	50	200	0
1999	255	51	204	0
2000	260	52	208	0
2001	265	53	212	0
2002	270	54	216	0
2003	275	55	220	0
2004	280	56	224	0
2005	285	57	228	0
2006	290	58	232	0
2007	295	59	236	0
2008	300	60	240	0
2009	305	61	244	0
2010	310	62	248	0
2011	315	63	252	0
2012	320	64	256	0
2013	325	65	260	0
2014	330	66	264	0
2015	335	67	268	0
2016	340	68	272	0
2017	345	69	276	0
2018	350	70	280	0
2019	355	71	284	0
2020	360	72	288	0
2021	365	73	292	0
2022	370	74	296	0
2023	375	75	300	0
2024	380	76	304	0
2025	385	77	308	0
2026	390	78	312	0
2027	395	79	316	0
2028	400	80	320	0
2029	405	81	324	0
2030	410	82	328	0
2031	415	83	332	0
2032	420	84	336	0
2033	425	85	340	0
2034	430	86	344	0
2035	435	87	348	0
2036	440	88	352	0
2037	445	89	356	0
2038	450	90	360	0
2039	455	91	364	0
2040	460	92	368	0
2041	465	93	372	0
2042	470	94	376	0
2043	475	95	380	0
2044	480	96	384	0
2045	485	97	388	0
2046	490	98	392	0
2047	495	99	396	0
2048	500	100	400	0
2049	505	101	404	0
2050	510	102	408	0
2051	515	103	412	0
2052	520	104	416	0
2053	525	105	420	0
2054	530	106	424	0
2055	535	107	428	0
2056	540	108	432	0
2057	545	109	436	0
2058	550	110	440	0
2059	555	111	444	0
2060	560	112	448	0
2061	565	113	452	0
2062	570	114	456	0
2063	575	115	460	0
2064	580	116	464	0
2065	585	117	468	0
2066	590	118	472	0
2067	595	119	476	0
2068	600	120	480	0
2069	605	121	484	0
2070	610	122	488	0
2071	615	123	492	0
2072	620	124	496	0
2073	625	125	500	0
2074	630	126	504	0
2075	635	127	508	0
2076	640	128	512	0
2077	645	129	516	0
2078	650	130	520	0
2079	655	131	524	0
2080	660	132	528	0
2081	665	133	532	0
2082	670	134	536	0
2083	675	135	540	0
2084	680	136	544	0
2085	685	137	548	0
2086	690	138	552	0
2087	695	139	556	0
2088	700	140	560	0
2089	705	141	564	0
2090	710	142	568	0
2091	715	143	572	0
2092	720	144	576	0
2093	725	145	580	0
2094	730	146	584	0
2095	735	147	588	0
2096	740	148	592	0
2097	745	149	596	0
2098	750	150	600	0
2099	755	151	604	0
2100	760	152	608	0

TABLE 2. Summary of the data (continued)

TABLE 3. Summary of the data (continued)



STUDENTS REGISTERED IN THE SCHOOL OF AGRICULTURE  
PENNSYLVANIA STATE COLLEGE

Total registration for year 1935-36 is highest in history of College with one exception, the year 1914-15; which had only seven more students enrolled.

Freshmen registration is highest number ever enrolled in school.

<u>Year</u>	<u>Four Year Course - Total</u>	<u>Freshmen</u>
1906-07	45	23
1907-08	90	51
1908-09	206	109
1909-10	300	131
1910-11	400	168
1911-12	514	195
1912-13	628	247
1913-14	707	256
1914-15	767	269
1915-16	757	202
1916-17	769	247
1917-18	529	180
1918-19	388	129
1919-20	633	152
1920-21	620	165
1921-22	631	188
1922-23	636	184
1923-24	541	152
1924-25	543	165
1925-26	552	159
1926-27	565	188
1927-28	611	214
1928-29	565	150
1929-30	613	202
1930-31	616	181
1931-32	660	203
1932-33	628	197
1933-34	642	209
1934-35	754	271
*1935-36	944	325

Agriculture student enrollment indicates the condition of agriculture, or the opinion of students and parents regarding opportunities in that profession.

\*Excludes special students, two year and winter courses



Section Six

PENNSYLVANIA FARMER

123,400 Pennsylvanian's subscribe to Pennsylvania Farmer. 91% of these subscribers live on rural routes and in country villages under 1000.

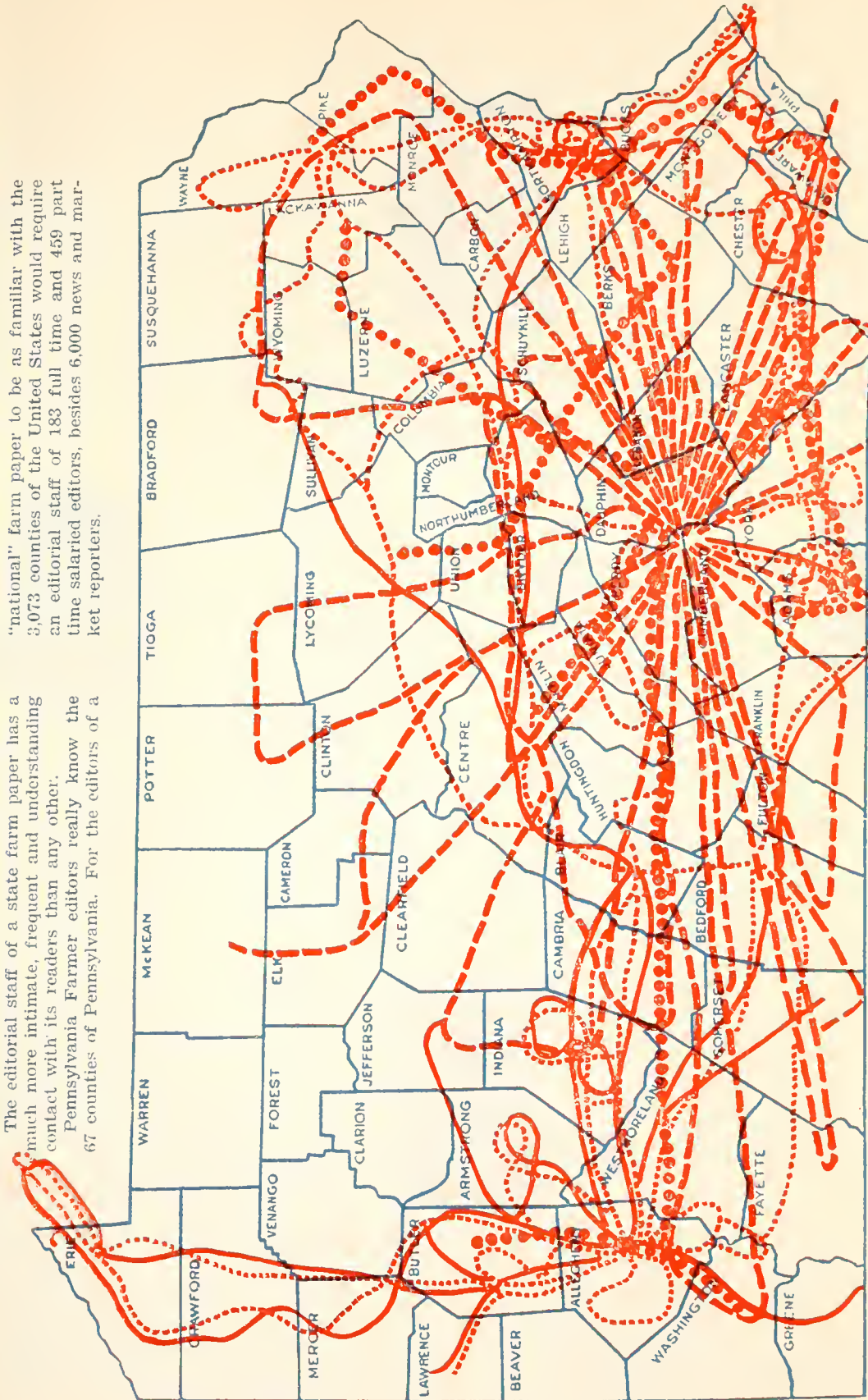


Part of six months' travel on routine work by three "inside" editors and a field editor of PENNSYLVANIA FARMER

The editorial staff of a state farm paper has a much more intimate, frequent and understanding contact with its readers than any other.

Pennsylvania Farmer editors really know the 67 counties of Pennsylvania. For the editors of a

"national" farm paper to be as familiar with the 3,073 counties of the United States would require an editorial staff of 183 full time and 459 part time salaried editors, besides 6,000 news and market reporters.



- E. S. BAYARD, Editor-in-Chief
- ..... MASON GILPIN, Editor
- ELSIE K. WATSON, Household Editor
- - - MILES HORST, Field Editor

Pennsylvania Farmer goes to far more Pennsylvania farms than any other farm paper—to 2 of every 3 in the entire state.



## EDITORIAL STAFF

Editor since 1895.

Born in Pickaway County, Ohio, and spent early life there.

Farm owner. Aberdeen-Angus breeder for 40 years.

Member, Board of Directors, American Aberdeen-Angus Association—3 years.

President, Pennsylvania Livestock Breeders' Association, several terms. Formerly Secretary.

Honorary Member, American Veterinary Medical Association.

Chairman, Allegheny County Farm Bureau 5 years.



**E. S. BAYARD**  
Editor-in-Chief

*See Who's Who in America*

Member, Tri-State Wool Growers' Association.

Attended first International Livestock Show in 1900 and has met with livestock men at each show since that time.

Trustee and Member, Executive Committee Pennsylvania State College—28 years.

Lecturer at Agricultural Meetings in Pennsylvania, Ohio, Indiana, New York, West Virginia and Delaware for 35 years.

President, East Liberty Chamber of Commerce.

Past-President, Pittsburgh Rotary Club.

Member, American Committee, International Institute of Agriculture, Rome.



**C. L. WHITE**  
Editor

Native of Tioga County, Pa., where he operated a dairy farm for a time.

Advanced Registry Tester in summer, during his course in School of Agriculture at Pennsylvania State College.

Editor Pennsylvania Farmer since 1921.

Travels extensively in Pennsylvania, New Jersey, Delaware and Maryland, visiting farmers and attending agricultural meetings, and throughout the North American Continent in connection with vacation tours sponsored for readers by Pennsylvania Farmer.

In charge of Master Farmer project when first undertaken in the East.

Born and raised in Lebanon County, Pennsylvania.

Owens and operates own farm with hogs, beef cattle and potatoes the chief lines of interest on the farm.

B. S. Pennsylvania State College of Agriculture.

M. A. Columbia University.

Secretary of the Pennsylvania Potato Growers' Association.

Member of the Executive Committee, National Potato Growers' Association.

Member, Joint Committee on Rural Electrification.

Representative, State General Assembly.

Lecturer on agricultural subjects at agricultural meeting during the past 12 years in Pennsylvania and New Jersey.

Secretary, State Council of Agricultural Organizations of Pennsylvania.

Member, Executive Committee of the Pennsylvania Livestock Breeders' Association.



**MILES HORST**  
Field Editor

**MASON C. GILPIN**  
Editor

Born on farm in Wayne County, Pa.

Worked on farm until eighteen years old.

Graduate, School of Agriculture, Pennsylvania State College.

Assistant Editor, Pennsylvania Stockman and Farmer, nine years.

Manager of Protective Service and Master Farmer project.

Publicity work for School of Agriculture, Pennsylvania State College.

Editorial Staff Washington Newspaper.

Reported for:

United States Department of Agriculture,

National Farm Organizations.

Editor, County Weekly, Florida.



Ex-member of the Executive Committee and Chairman of the Committee on Management and Entertainment of the Pennsylvania Farm Products Show Commission. This Commission consists of the Governor of Pennsylvania, the Secretary of Agriculture, Deputy Secretary of Agriculture, Dean of the Agricultural College, and three men appointed by the Governor from a list of six names submitted by farm organizations.

Home County:

Treasurer of Lebanon County Farm Bureau.

Chairman, Agricultural Committee, Lebanon Chamber of Commerce.

Chairman, Committee to study Unemployment Relief in Pennsylvania.

Director of Lebanon County Potato Growers' Association.







**W. D. ZINN**  
Farm Management  
Crops

Farm owner for 50 years. Owns two farms.  
Breeder of Angus Cattle for more than 20 years.  
years.

Taught in fifteen schools and was County Superintendent of Schools 4 years.

Member, State Board of Agriculture eight years.

Lecturer at Farmers' Institutes for 35 years, in Ohio, West Virginia, Pennsylvania, Maryland, Virginia, New Jersey, New York, Kentucky and Indiana.

President, West Virginia Federation of Farm Bureaus, one term.

President, Grange Mutual Fire Insurance Company of West Virginia, 32 years.

President of an Orchard Company, 15 years, and Director in a bank for more than 20 years.



**A. A. BORLAND**  
Dairying

Born and raised on a farm.

Head of the Department of Dairy Husbandry at Pennsylvania State College. He is in charge of the famous College dairy herd.

Came to Pennsylvania from the University of Vermont where he conducted exhaustive experiments, the results of which are familiar to all dairy scientists.

Member of the American Dairy Science Association and other scientific bodies.

Traveled extensively as Dairy Extension Specialist of the Pennsylvania State College before taking his present position.

Appointed one of the delegates from the United States to the World's Dairy Congress at London in 1928, and further broadened his knowledge of dairying by travel in England, Scotland, Holland, Germany and France.



**ALVA AGEE**  
General Farming

M. S. University of Wooster and also Princeton University.

Farm Owner—Demonstrated value of lime, used much under drainage and grew potatoes profitably.

Chairman, Board of Control, Ohio Experiment Station, for a term of years.

Author of books on soil fertility, lime, etc.

Lecturer on Agricultural Subjects in thirteen states.

Director of Agricultural Extension, Pennsylvania State College five years; Acting Dean one year.

Director of Extension in New Jersey for a term of years.

Secretary, New Jersey State Department of Agriculture, ten years.

President of National Association Commissioners of Agriculture, two years.

Director, New York and New Jersey Joint-Stock Land Bank.

See Who's Who in America.



**ELSIE K. WATSON**  
Household Editor

Born and raised on fruit farm in Allegheny County, Pennsylvania, and is familiar with the round of agricultural problems which confront farm women.

Served on editorial staff of City & Suburban Life, and Presbyterian Banner, Pittsburgh, Pennsylvania.

As Tour Hostess on the Pennsylvania Farmer tours, has traveled thousands of miles and is personally acquainted with many readers.

Editor The Farm Home page and Young People's Forum.

Active in community and welfare work in home section near Pittsburgh.



**GILBERT S. WATTS**  
Garden and Truck Crops

Raised on a truck farm and studied vegetable gardening at Pennsylvania State College.

Taught Vegetable Gardening at the Massachusetts Agricultural College, and for a time was connected with the Virginia Truck Experiment Station at Norfolk.

Owens and operates a large farm in central Pennsylvania where he grows about 125 acres of vegetables and small fruits each year, marketing half of them through his wholesale and retail roadside market.

Active member of State and National Vegetable Growers' Associations.

Author of "Roadside Marketing."



**Dr. S. W. FLETCHER**  
Orchard Crops

Director of Agricultural Research at Pennsylvania State College.

Head of the Department of Horticulture at Pennsylvania State College.

Director of the Agricultural Experiment Station of Virginia before coming to Pennsylvania.

Author of numerous books and encyclopedia articles on horticultural subjects.

Owens and operates, with a partner, orchards of 60 acres of bearing apple trees and 30 acres of peaches in central Pennsylvania.

See Who's Who in America.



**R. L. Scharring-Hausen**  
Poultry

Graduate of Rutgers University.

Connected with the New Jersey Agricultural Experiment Station for a time after his graduation.

Owens and operates a farm in Mercer County, New Jersey, with poultry

raising the principal interest. His flock now numbers about 1,500 birds of a well-bred strain of White Leghorns.

Secretary of the Mercer County Poultry Association for 3 years.

Member of the Executive Committee of the New Jersey State Poultry Ass'n. for several years.

Member of State R. O. P. Association.

Member Flemington Cooperative Association.

Member of Executive Committee Mercer County Board of Agriculture, New Jersey Baby Chick Association.

Elected Member to the Hopewell Township Board of Education.

**H. C. KNANDEL**  
Poultry

B. S. Cornell University, 1914.  
Instructor in Poultry Husbandry, Bristol County Agricultural School, 1914-16.

In charge of Poultry Extension Work, Pennsylvania State College, 1916-20.

Head of Poultry Department, Pennsylvania State College, 1920 to date.

President, Poultry Science Association in 1923.  
Director in 1924-25. Member since 1916.

Member, Pennsylvania State Poultry Association.  
Secretary and Treasurer, Pennsylvania State Baby Chick Association since its organization, 1926.

Delegate to World's Poultry Congress in London in 1930.

Associate Editor, Pennsylvania Stockman and Farmer, seven years.



**F. L. BENTLEY**  
Livestock

Head of the Department of Animal Husbandry, Pennsylvania State College.

Born on farm in Northwest Missouri.

Graduate, University of Missouri, 1913. Specialized in Animal Husbandry and Agronomy.

M. S. Pennsylvania State College, 1918.

Instructor in Animal Husbandry at University of Missouri, 1914-16.

Came to Pennsylvania State College in 1916 as Instructor in Animal Husbandry, in charge of beef cattle.

Conducted experiments with swine and beef cattle; taught livestock judging, feeding and livestock production courses.

Judged at County, State and Interstate Fairs in the East.



**L. W. LIGHTY**  
Dairying

Dairying for 25 years.

Salesman Agricultural Implements—4 years.

Beekeeping for profit and instruction—50 years.

Poultry keeping on the scale of 800 layers and 800 incubator capacity—10 years.

Lecture Work, Department of Agriculture—31 years.

Farm Adviser, Department of Agriculture—5 years.

Dairy Adviser for the War Board.

Master of the local Grange—5 years.

Wrote for farm press 47 years.







Dr. J. G. LIPMAN  
Soils and Fertilizer

Dean of the New Jersey State College of Agriculture, and Director of the New Jersey Agricultural Experiment Station.

Awarded \$1,250 by American Society of Agronomy in November, 1928, for conspicuous contributions in the field of Nitrogen research; silver medal French Academy Agriculture, 1919; Chandler Medal Columbia University, 1934.

President, Association of Land-Grant Colleges and Universities.

Past President, International Society of Soil Science.

President, First International Congress of Soil Science.

Fellow of the American Association for the Advancement of Science and numerous other scientific organizations.

Fellow of the American Public Health Association.

President New Jersey Health and Sanitary Association.

Editor-in-Chief, Soil Science.

Editor, John Wiley and Sons Agricultural Series. Associate and Consulting Editor of scientific Journals in Germany, Russia, France and Holland.

Corresponding and Honorary Member of scientific societies and academies in Sweden, Czechoslovakia and Italy.

See Who's Who in America.



Dr. J. F. SHIGLEY  
Veterinarian

Graduate of Cornell University, 1915. Professor of Animal Husbandry at the Pennsylvania State College.

Veterinarian in charge of about 1,000 valuable animals belonging to the College.

Consultant Veterinarian for a number of the largest breeding establishments in the country.



R. U. BLASINGAME  
Agricultural Engineering

Head, Department of Agricultural Engineering, Pennsylvania State College.

Chairman, Power and Machinery Division, American Society of Agricultural Engineers; also first Vice-President.

Chairman, Southern and North Atlantic Sections American Society of Agricultural Engineers.

Member, United States Department of Agriculture, Council in Research, Division of Agricultural Engineering.

Leader, Threshing Division, Grain Corporation, Pennsylvania Division during War.

Head, Agricultural Engineering Department, Alabama Polytechnic Institute 1915-17.

Investigator, Giant Power Survey, Pennsylvania 1924.

Farm Development Engineer, U. S. Department of Agriculture.



R. P. KESTER  
"Neshaminy Gardens"

Raised on a farm. Has been actively engaged in farming throughout his public career.

Associate Editor of Pennsylvania Farmer for five years and Editor for nine years.

Before taking up editorial work, Mr. Kester was: Lecturer of the Pennsylvania State Grange.

Special Adviser of the State Department of Agriculture.

Farmers' Institute Lecturer.

"Neshaminy Gardens," his personal column, with its gentle humor, homely philosophy, and stories of his successes and failures, has made Kester and his farm a topic of conversation throughout Pennsylvania Farmer territory.

See Who's Who in America.



***Pennsylvania Is An Agricultural State***

76 Advertisers Used 500 Lines or More

In Pennsylvania Farmer During 1935

<u>Advertiser</u>	<u>Lineage</u>	<u>Product Advertised</u>
The Atlantic Refining Co.	11,480	Petroleum Products
Pennsylvania Electric Ass'n	6,650	Institutional Power
General Foods Corp.	6,474	Corn Flakes & Baking Powder
Int. Harvester Company of America	5,642	Trucks & Farm Equipment
Firestone Tire & Rubber Co.	5,184	Tires & Tubes
Standard Oil Co. of N. J.	4,528	Petroleum Products
The Larrowe Milling Co.	4,378	Dairy & Poultry Feeds
Philco Radio & Television Corp.	4,224	radios
Pa. Threshermans & Farmers Mutual Casualty Insurance Co.	3,490	Automobile Insurance
Plymouth Motor Corp.	3,360	Passenger Cars
Ford Motor Corp.	3,264	Trucks & Tractors
American Agricultural Chemical Co.	3,240	Fertilizer
International Salt Co.	3,072	Salt
Chevrolet Motor Corp.	2,868	Passenger Cars & Trucks
Dairy Assoc. Co. Inc.	2,716	Kow Kare & Bag Balm
American Oil Co.	2,688	Petroleum Products
Pillsbury Flour Mills Co.	2,352	Flour
Swift & Co.	2,304	Inst. Marketing Service
B. F. Babbit Inc.	2,087	Lye
The Park & Pollard Co.	2,084	Feeds
The Maytag Co.	1,960	Washers
Dr. Hess & Clark Inc.	1,848	Livestock Remedies
Maritime Milling Co. Inc.	1,834	Poultry Feeds
Deere & Co.	1,827	Tractors & Spreaders
A. H. Hoffman Inc.	1,821	Seeds
Wheeling Corrugating Co.	1,764	Fence
Dr. Salisbury's Laboratories	1,680	Poultry Remedies
Armour Fertilizer Works	1,582	Fertilizer
A. B. Farquhar Co. Ltd.	1,541	Farm Equipment
The Freedom Oil Works Co.	1,500	Kerosene
The Oliver Farm Equipment Co.	1,440	Farm Equipment
Sears Roebuck & Co.	1,352	Mail Order Supply
American Telephone & Telegraph Co.	1,344	Bell System
National Carbon Company	1,292	Batteries
The B. F. Goodrich Co.	1,152	Rubber Footwear
Portland Cement Ass'n	1,102	Cement
Ethyl Gasoline Corp.	1,022	Gasoline
New Idea Inc.	1,018	Farm Equipment
R. L. Rohrer & Bro.	992	Seeds
Edwin F. Dibble	924	Seeds
Mid-States Steel & Wire Co.	920	Fence

***Pennsylvania Farmer Covers It Best***

<u>Advertiser</u>	<u>Lineage</u>	<u>Product Advertised</u>
Gulf Refining Company	900	Livestock Spray
The Quaker Oats Co.	896	Poultry & Dairy Feeds
The Dow Chemical Co.	872	Arsenate & Sprays
Pratt Food Company	868	Poultry Feed & Regulator
Vick Chemical Company	854	Vaporub
Federal Land Bank of Baltimore	840	Land
Mishawaka Rubber & Wool Mfg. Co.	772	Rubber Footwear
F. S. Royster Guano Company	764	Fertilizer
Bethlehem Steel Company	756	Fence & Posts
York Chemical Works	750	Fertilizer
Dellinger Mfg. Company	744	Farm Equipment
American Steel & Wire Company	736	Fence
Bagpak Inc.	728	Paper Bags
De Laval Separator Co.	717	Separators & Milkers
U. S. Rubber Company	686	Rubber Boots
Walker Remedy Company	660	Walko Tablets
Limestone Products Corp.	623	Calcite Crystals
Continental Steel Company	600	Fence
Premier Pabst Sales Company	600	Malt Extract
Pittsburgh Steel Company	590	Fence
The Beacon Milling Co., Inc.	588	Dairy & Poultry Feeds
Briggs & Stratton Corp.	585	Gasoline Motors
N.P - C.P. Burlington Route, Alaska S.S. Company	584	Tour
P.S.A. - M.N. - Southern Pacific, etc.	576	Tour
The Mantle Lamp Co. of America	548	Kerosene Lamps
Burlington Route, Alaska S.S.	544	Tour
Zenith Radio Corp.	540	Radio
The Fate-Root Health Co.	521	Tractor
Marietta Concrete Corp.	518	Silos
Iodine Educational Bureau	511	Iodine
Penick & Ford, Ltd. Inc.	510	Molasses
Unadilla Silo Co.	509	Silos
Acetol Products Inc.	504	Cel-O-Glass
Pennsylvania Salt Mfg. Co.	504	Salt
National Oil Products Co.	500	Cod Liver Oil



# ADVERTISING IN PENNSYLVANIA FARMER

of

**PENNSYLVANIA THRESHERMAN'S & FARMERS' MUTUAL & CASUALTY INSURANCE COMPANY  
HARRISBURG, PA**

1921	1926	1929	1934
Issue Lineage	January 2 ..... 28 Lines	January 19 .... 14 Lines	January 6 .... 100 Lines
July 9 ..... 84 Lines	January 16 ... 28 "	February 16 ... 14 "	January 20 ... 100 "
July 23 ..... 84 "	January 30 .... 28 "	March 2 ..... 14 "	February 3 .. 93 "
August 6 ..... 42 "	February 13 ... 28 "	March 16 ..... 14 "	February 17 . 93 "
August 20 .... 42 "	February 27 .. 28 "	March 30 ..... 14 "	March 3 ..... 93 "
September 3 .. 42 "	March 13 ..... 28 "	April 13 ..... 28 "	March 17 .... 93 "
September 17 . 42 "	March 27..... 28 "	April 27 ..... 28 "	March 31 .... 93 "
December 10 .. 84 "	April 10 ..... 28 "	May 11 ..... 28 "	April 14 ..... 93 "
December 24 .. 42 "	April 24 ..... 28 "	May 25 ..... 28 "	April 28 ..... 93 "
<b>Total 462 Lines</b>	May 8 ..... 28 "	June 8 ..... 28 "	May 12 ..... 93 "
<b>1922</b>	May 22 ..... 28 "	June 22 ..... 28 "	June 9 ..... 168 "
January 7 ..... 42 Lines	June 5 ..... 28 "	July 6 ..... 28 "	June 23 ..... 168 "
January 21 .... 42 "	June 19 ..... 28 "	July 20 ..... 28 "	July 7 ..... 168 "
February 4 ... 42 "	July 3 ..... 28 "	August 3 ..... 28 "	August 4 ..... 168 "
February 18 .. 42 "	July 17 ..... 28 "	August 17 ... 28 "	August 18 ... 168 "
March 4 ..... 42 "	August 7 ..... 28 "	<b>Total 350 Lines</b>	September 1 . 168 "
April 1 ..... 28 "	August 21 .... 28 "	<b>1930</b>	September 15 168 "
April 15 ..... 28 "	September 4 .. 28 "	July 19 ..... 34 Lines	September 29 168 "
April 29 ..... 28 "	September 18 . 28 "	August 2 ..... 34 "	October 13 ... 134 "
June 17 ..... 28 "	October 2 .... 28 "	August 16 .... 34 "	October 27 ... 134 "
June 24 ..... 28 "	October 16 .... 28 "	August 30 .... 34 "	November 10 . 140 "
December 16 .. 42 "	October 30 .... 28 "	<b>Total 136 Lines</b>	November 24 . 140 "
December 30 .. 42 "	<b>Total 616 Lines</b>	<b>1931</b>	<b>Total 2,929 Lines</b>
<b>Total 434 Lines</b>	<b>1927</b>	May 16 ..... 28 Lines	<b>1935</b>
<b>1923</b>	April 9 ..... 35 Lines	May 30 ..... 28 "	January 5 ..... 65 Lines
July 28 ..... 28 Lines	April 23 ..... 35 "	June 13 ..... 28 "	January 19 .... 140 "
August 11 .... 28 "	May 7 ..... 35 "	June 27 ..... 28 "	February 2 ... 65 "
August 25 .... 28 "	May 21 ..... 35 "	<b>Total 112 Lines</b>	February 16 .. 134 "
September 8 .. 28 "	June 4 ..... 35 "	<b>1933</b>	March 2 ... 134 "
September 22 . 28 "	June 18 ..... 35 "	April 15 ..... 28 Lines	March 16 .... 134 "
October 6 ..... 28 "	July 2 ..... 35 "	April 29 ..... 28 "	March 30 .... 134 "
October 20 .... 28 "	July 16 ..... 35 "	May 13 ..... 28 "	April 13 ..... 134 "
November 3 ... 28 "	July 30 ..... 35 "	May 27 ..... 28 "	April 27 ..... 134 "
<b>Total 224 Lines</b>	August 13 .... 35 "	June 10 ..... 28 "	May 11 ..... 134 "
<b>1924</b>	August 27 .... 35 "	June 24 ..... 28 "	May 25 ..... 134 "
April 5 ..... 28 Lines	<b>Total 385 Lines</b>	July 8 ..... 28 "	June 8 ..... 134 "
April 19 ..... 28 "	<b>1928</b>	August 5 ..... 42 "	June 22 ..... 134 "
May 3 ..... 28 "	January 28 .... 42 Lines	August 19 .... 42 "	July 6 ..... 134 "
May 17 ..... 28 "	February 11 ... 42 "	September 2 .. 42 "	July 20 ..... 134 "
May 31 ..... 28 "	February 25 ... 42 "	September 16 . 42 "	August 3 ... 134 "
June 28 ..... 28 "	March 10 ..... 42 "	September 30 . 42 "	August 17 ... 134 "
July 12 ..... 28 "	March 24 ..... 42 "	October 14 .... 42 "	August 31 ... 134 "
July 26 ..... 28 "	April 7 ..... 42 "	October 28 .... 42 "	September 14 134 "
<b>Total 224 Lines</b>	April 21 ..... 42 "	November 11 .. 42 "	September 28 134 "
<b>1925</b>	May 5 ..... 42 "	October 28 .... 42 "	October 12 ... 134 "
January 10 .... 28 Lines	June 2 ..... 42 "	November 25 .. 42 "	October 26 ... 134 "
April 4 ..... 28 "	<b>Total 378 Lines</b>	December 9 ... 42 "	November 9 .. 134 "
April 11 ..... 28 "	<b>1929</b>	December 23 .. 42 "	November 23 . 134 "
April 18 ..... 28 "	January 19 .... 14 Lines	<b>Total 658 Lines</b>	December 7 .. 134 "
April 25 ..... 28 "	February 16 ... 14 "	<b>1934</b>	December 21 . 134 "
<b>Total 140 Lines</b>	March 2 ..... 14 "	January 6 .... 100 Lines	
	March 16 ..... 14 "	January 20 ... 100 "	
	March 30 ..... 14 "	February 3 .. 93 "	
	April 13 ..... 28 "	February 17 . 93 "	
	April 27 ..... 28 "	March 3 ..... 93 "	
	May 11 ..... 28 "	March 17 .... 93 "	
	May 25 ..... 28 "	March 31 .... 93 "	
	June 8 ..... 28 "	April 14 ..... 93 "	
	June 22 ..... 28 "	April 28 ..... 93 "	
	July 6 ..... 28 "	May 12 ..... 93 "	
	July 20 ..... 28 "	May 26 ..... 93 "	
	August 3 ..... 28 "	June 9 ..... 168 "	
	August 17 ... 28 "	June 23 ..... 168 "	
	<b>Total 350 Lines</b>	July 7 ..... 168 "	
	<b>1930</b>	August 4 ..... 168 "	
	July 19 ..... 34 Lines	August 18 ... 168 "	
	August 2 ..... 34 "	September 1 . 168 "	
	August 16 .... 34 "	September 15 168 "	
	August 30 .... 34 "	September 29 168 "	
	<b>Total 136 Lines</b>	October 13 ... 134 "	
	<b>1931</b>	October 27 ... 134 "	
	May 16 ..... 28 Lines	November 10 . 140 "	
	May 30 ..... 28 "	November 24 . 140 "	
	June 13 ..... 28 "	<b>Total 2,929 Lines</b>	
	June 27 ..... 28 "	<b>1935</b>	
	<b>Total 112 Lines</b>	January 5 ..... 65 Lines	
	<b>1933</b>	January 19 .... 140 "	
	April 15 ..... 28 Lines	February 2 ... 65 "	
	April 29 ..... 28 "	February 16 .. 134 "	
	May 13 ..... 28 "	March 2 ... 134 "	
	May 27 ..... 28 "	March 16 .... 134 "	
	June 10 ..... 28 "	March 30 .... 134 "	
	June 24 ..... 28 "	April 13 ..... 134 "	
	July 8 ..... 28 "	April 27 ..... 134 "	
	August 5 ..... 42 "	May 11 ..... 134 "	
	August 19 .... 42 "	May 25 ..... 134 "	
	September 2 .. 42 "	June 8 ..... 134 "	
	September 16 . 42 "	June 22 ..... 134 "	
	September 30 . 42 "	July 6 ..... 134 "	
	October 14 .... 42 "	July 20 ..... 134 "	
	October 28 .... 42 "	August 3 ... 134 "	
	November 11 .. 42 "	August 17 ... 134 "	
	November 25 .. 42 "	August 31 ... 134 "	
	December 9 ... 42 "	September 14 134 "	
	December 23 .. 42 "	September 28 134 "	
	<b>Total 658 Lines</b>	October 12 ... 134 "	
	<b>1934</b>	October 26 ... 134 "	
	January 6 .... 100 Lines	November 9 .. 134 "	
	January 20 ... 100 "	November 23 . 134 "	
	February 3 .. 93 "	December 7 .. 134 "	
	February 17 . 93 "	December 21 . 134 "	
	March 3 ..... 93 "	<b>Total 3,352 Lines</b>	
	March 17 .... 93 "		
	March 31 .... 93 "		
	April 14 ..... 93 "		
	April 28 ..... 93 "		
	May 12 ..... 93 "		
	May 26 ..... 93 "		
	June 9 ..... 168 "		
	June 23 ..... 168 "		
	July 7 ..... 168 "		
	August 4 ..... 168 "		
	August 18 ... 168 "		
	September 1 . 168 "		
	September 15 168 "		
	September 29 168 "		
	October 13 ... 134 "		
	October 27 ... 134 "		
	November 10 . 140 "		
	November 24 . 140 "		
	<b>Total 2,929 Lines</b>		



THE CROWN CORK AND SEAL COMPANY  
BALTIMORE. U.S.A.

Pennsylvania Farmer  
7301 Penn Ave.  
Pittsburgh, Pa

Attn: Mr. Neff Laing  
General Manager

Dear Mr. Laing:

The Pennsylvania Farmer seems to have greater pulling power than the average farm magazine judging from our experience.

Returns indicate a better than usual reader interest and we believe that any farm paper advertising schedule should certainly include the Pennsylvania Farmer.

Very truly yours,

N. D. Grasty (Signed)

Asst. Sales Manager

NDG:E



# PENNSYLVANIA FARMER

NET PAID CIRCULATION, JUNE 30, 1936

IN

## PENNSYLVANIA

County	Circulation	Farms	Per Cent Coverage	County	Circulation	Farms	Per Cent Coverage
Adams	2,671	3,581	74.6	McKean	628	1,497	42.0
Allegheny	2,100	3,594	58.4	Mercer	2,745	4,626	59.3
Armstrong	2,322	3,351	69.3	Mifflin	900	1,220	73.8
Beaver	1,524	2,354	64.7	Monroe	414	1,450	28.6
Bedford	2,635	3,160	83.4	Montgomery	2,883	3,846	75.0
Berks	3,297	6,002	54.9	Montour	486	683	71.2
Blair	1,825	1,871	95.5	Northampton	1,665	2,775	60.0
Bradford	3,090	4,984	62.0	Northumberland	1,345	2,387	56.3
Bucks	2,689	5,070	53.0	Perry	1,532	1,854	82.6
Butler	3,154	4,186	75.3	Philadelphia	372	286	130.1
Cambria	1,350	2,829	47.7	Pike	169	443	38.2
Cameron	135	199	67.8	Potter	703	1,749	40.2
Carbon	566	924	61.3	Schuylkill	1,946	2,803	69.4
Centre	1,375	2,105	65.3	Snyder	969	1,712	56.6
Chester	4,354	4,936	88.2	Somerset	2,482	3,844	64.6
Clarion	2,267	2,596	87.3	Sullivan	506	718	70.5
Clearfield	1,446	3,306	43.7	Susquehanna	1,969	3,271	60.2
Clinton	500	1,023	48.9	Tioga	1,551	3,239	47.9
Columbia	1,478	2,475	59.7	Union	916	1,141	80.3
Crawford	3,849	6,420	60.0	Venango	1,073	2,281	47.0
Cumberland	2,609	3,032	86.0	Warren	1,067	2,104	50.7
Dauphin	1,816	2,640	68.8	Washington	3,270	5,072	64.5
Delaware	455	995	45.7	Wayne	1,649	2,849	57.9
Elk	565	892	63.3	Westmoreland	3,627	5,368	67.6
Erie	3,139	5,386	58.3	Wyoming	1,077	1,460	73.8
Fayette	1,930	3,954	48.8	York	6,008	7,857	76.5
Forest	258	441	58.5				
Franklin	2,285	3,861	59.2	<b>Total</b>	<b>123,400</b>	<b>191,284</b>	<b>64.5</b>
Fulton	955	1,355	70.5				
Greene	1,686	3,170	53.2	<b>States</b>			<b>Circulation</b>
Huntingdon	1,853	2,035	91.1	Pennsylvania			123,400
Indiana	2,733	3,842	71.1	West Virginia			11,834
Jefferson	1,578	2,738	57.6	New Jersey			9,511
Juniata	933	1,449	64.4	Maryland			6,795
Lackawanna	574	1,563	36.7	Delaware			1,876
Lancaster	7,435	8,863	83.9	New York			1,400
Lawrence	1,768	2,655	66.6	Virginia			573
Lebanon	1,621	2,268	71.5	Miscellaneous			859
Lehigh	1,368	2,861	47.8				
Luzerne	1,289	2,769	46.6	<b>Grand Total</b>			<b>156,248</b>
Lycoming	1,971	3,014	65.4				

Pennsylvania Farmer reaches more farm families in Pennsylvania than any other farm paper.

PENNSYLVANIA Circulation as of December 31, 1936 - 125,565 Subscribers  
(County Count not yet available.)

Farm figures from 1935 Census.

86 P.F.-2



# PENNSYLVANIA FARMER

## NET PAID CIRCULATION, JUNE 30, 1936

IN

### WEST VIRGINIA, NEW JERSEY, MARYLAND AND DELAWARE

#### WEST VIRGINIA

#### NEW JERSEY

County	Circulation	Farms	Per Cent Coverage	County	Circulation	Farms	Per Cent Coverage
Barbour	219	2,182	10.0	Atlantic	368	2,125	17.3
Berkeley	253	1,341	18.9	Bergen	33	752	4.5
Boone	2	1,556	0.1	Burlington	1,337	2,122	63.0
Braxton	314	3,194	9.8	Camden	182	951	19.1
Brooke	135	394	34.3	Cape May	191	765	25.0
Cabell	43	2,204	2.0	Cumberland	1,339	3,506	38.2
Calhoun	115	1,945	5.9	Essex	34	287	11.9
Clay	77	1,532	5.0	Gloucester	616	2,511	24.5
Condon	146	1,526	9.6	Hudson	11	93	11.8
Crawford	42	1,934	2.2	Hunterdon	615	2,509	24.5
DeWitt	185	1,800	10.3	Mercer	726	1,163	62.4
Boone	166	900	18.4	Middlesex	454	1,270	35.7
Boone	209	2,942	7.1	Monmouth	1,285	2,762	46.5
Boone	275	1,721	16.0	Morris	74	1,167	6.3
Boone	208	363	57.3	Ocean	85	821	10.4
Boone	117	1,314	8.9	Passaic	21	529	4.0
Boone	656	2,845	23.1	Salem	1,304	1,655	78.8
Boone	717	2,743	26.1	Somerset	152	1,270	12.0
Boone	189	951	19.9	Sussex	312	1,339	23.3
Boone	56	4,690	1.2	Union	31	334	9.3
Boone	457	1,867	24.5	Warren	341	1,444	23.6
Boone	13	2,751	0.5				
Boone	7	1,379	0.5	Total	9,511	29,375	32.4
Boone	0	2,060	0.0				
Boone	502	2,746	18.3				
Boone	642	1,875	34.2				
Boone	147	2,443	6.0				
Boone	12	3,186	0.4				
Boone	166	971	17.1				
Boone	2	1,298	0.2				
Boone	370	2,106	17.6				
Boone	153	2,037	7.5				
Boone	33	712	4.6				
Boone	116	2,169	5.3				
Boone	217	678	32.0				
Boone	366	1,359	26.9				
Boone	109	785	13.9				
Boone	198	1,409	14.1				
Boone	723	2,987	24.2				
Boone	80	2,118	3.8				
Boone	5	2,507	0.2				
Boone	283	1,988	14.2				
Boone	463	2,136	21.7				
Boone	454	2,805	16.2				
Boone	38	2,089	1.8				
Boone	123	1,220	10.1				
Boone	117	803	14.6				
Boone	385	1,431	26.9				
Boone	294	2,410	12.2				
Boone	11	3,397	0.3				
Boone	44	1,526	2.9				
Boone	702	2,017	34.8				
Boone	107	1,142	9.4				
Boone	369	2,419	15.3				
Boone	2	1,844	0.1				
Total	11,834	104,747	11.3				

County	Circulation	Farms	Per Cent Coverage
Allegany	152	1,352	11.2
Anne Arundel	3	1,447	0.2
Baltimore	494	3,418	14.5
Calvert	1	1,269	0.1
Caroline	199	1,977	10.1
Carroll	1,535	3,290	46.7
Cecil	316	1,298	24.3
Charles	3	1,663	0.2
Dorchester	26	1,961	1.3
Frederick	661	3,474	19.0
Garrett	407	1,999	20.4
Harford	870	2,128	40.9
Howard	31	1,226	2.5
Kent	228	1,014	22.5
Montgomery	84	1,900	4.4
Prince Georges	13	2,303	0.6
Queen Annes	65	1,220	5.3
St. Marys	0	1,436	0.0
Somerset	39	1,653	2.4
Talbot	337	1,046	32.2
Washington	856	2,600	32.9
Wicomico	321	2,635	12.2
Worcester	154	2,103	7.3
Total	6,795	44,412	15.3

County	Circulation	Farms	Per Cent Coverage
Kent	440	2,871	15.3
New Castle	1,098	1,839	59.7
Sussex	338	5,671	6.0
Total	1,876	10,381	18.1

Farm figures from 1935 Census.

86PF-2A



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**Aaron Bldg.**



E338.1

P38p

Pennsylvania farmer.

AUTHOR

The Pennsylvania farm

TITLE

E338.1

P38p

204253



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