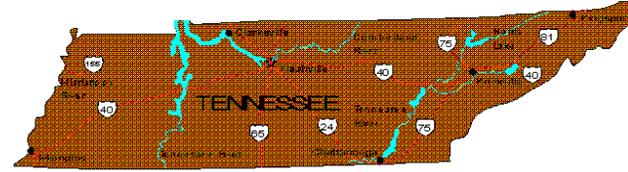


Agriculture Statistics, Highlights and Impact in Tennessee and Jefferson County



Rob Holland
Agricultural Development Center

Tennessee Ag:



Rankings

Sweet Sorghum	. . . . .	1 st
Goats	. . . . .	2 nd
Tobacco	. . . . .	3 rd
Tomatoes	. . . . .	5 th
Snapbeans	. . . . .	6 th
Beef Cows	. . . . .	9 th
All Cattle & Calves	. . . . .	14 th
Cotton	. . . . .	17 th
Livestock Receipts	. . . . .	29 th
Crops Receipts	. . . . .	29 th

Tennessee Ag:

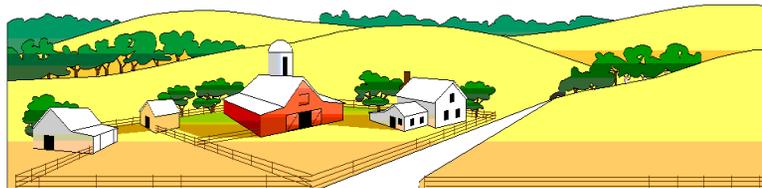


Cash Receipts

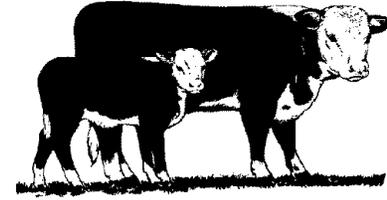
Cattle & Calves	\$391 m
Broilers	\$268 m
Dairy Products	\$224 m
Tobacco	\$218 m
Greenhouse/Nursery	\$193 m

Jefferson County Ag:

Number of farms	1,147
Full-time	39%
Part-time	61%
Acres in farms	98,067
Average value of farm & buildings	\$241,070
Farms with more than \$25,000 in sales	10%
Farms with less than 180 acres	88%



Jefferson County Ag:

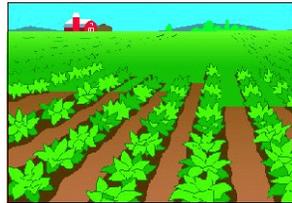


Percent of farms with cattle & calves 76%

Percent of farms with tobacco 31%

Farm value of cattle & calves \$9.5 m

Farm value of Tobacco \$4.1 m



Portion of population = rural 67%

Portion of population = farmers 2.7%

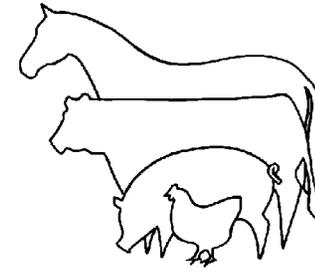
Jefferson County Ag:



Receipt Rankings:

Cattle & calves	\$9.5 m
Tobacco	\$4.1 m
Dairy products	\$3.3 m
Poultry	\$3.2 m
Horse & ponies	\$<1 m

Jefferson County Ag:

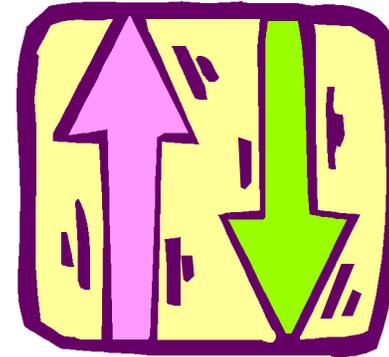


Inventory Rankings:

Horse & ponies	. . . . .	6 th
Sheep and lambs	. . . . .	8 th
Ducks & geese	. . . . .	11 th
Tobacco	. . . . .	13 th
Broilers	. . . . .	14 th
Cattle & calves	. . . . .	19 th

Jefferson County:

- ▶ **Concentration of employees**
 - Manufacturing (2,475)
 - Retail (1,332)
 - Farmers (1,147+)
- ▶ **Establishments**
 - Farms (1,147)
 - Retail (115)
 - Construction (72)

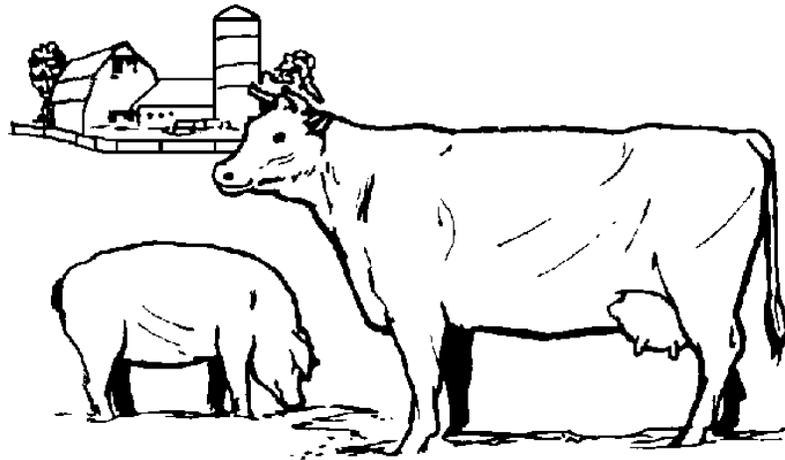


- ▶ **Gross farm sales represent 4.5% of the county's income.**
- ▶ **Approximately 67% of the county's population is considered rural.**
- ▶ **Approximately 77 percent of farm income goes toward production expenses.**
- ▶ **Farm expenses represent about 4.5 percent of the county's retail sales.**

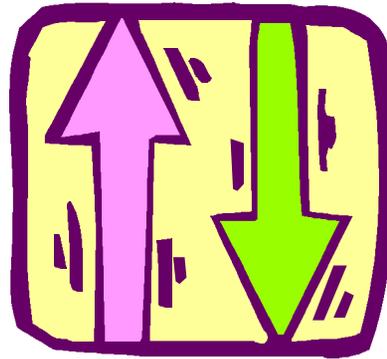
- ▶ From 1992 to 1997, the number of farms in Jefferson County has declined approximately 7 percent from 1,234 to 1,147. However, the reduction in the acres of land in farming fell less than 1 percent (0.61 percent) from 98,669 to 98,067
[average farm size increased from 80 to 85 acres]
- ▶ The number of farms with more than 1000 acres tripled.



- ▶ **There was a reduction in the number of farms in each of the primary agricultural enterprises of beef cattle, milk cows, hogs and pigs, corn, wheat and soybeans.**



- ▶ **The largest reduction in the number of farms was in tobacco, down 40 percent from 591 to 353 farms.**



- ▶ **The only enterprises with increased participation were hay (5 percent) and broilers (200 percent).**

The Land-Grant System

- 1862:** US Congress (by the Morrill Act) provided land grants of federal land to each state. The land was to be sold, funds put in an endowment and the interest used to fund higher education - universities. Agriculture being the primary industry, the universities were formed to specialize in "A&M" agriculture & mechanization.
- 1887:** Higher Education (land grants) schools were growing . . . but had little information to teach from. Hatch Act was passed to fund "Experiment Stations" which would conduct research and thus provide information to teach in the land grant universities
- 1890:** 2nd Morrill Act provided more land, more money to fund the same idea PLUS higher education institutions for minorities in the 16 southern states.
- 1914:** All was well with the system, Land Grant Colleges teaching students the latest, research based information. BUT there was quiet a lag between students learning the research and then implementing the research. HENCE the Smith-Lever Act which created the Cooperative Extension Service. A cooperative venture between Federal-State-County governments that provided a means to take the Experiment Station's RESEARCH RESULTS directly to the farmers.
- Primarily Production Oriented:
- How to increase yields
 - How to decrease pests
 - How to eliminate weeds
 - How to be more efficient
 - How to mechanize
 - How to use technology
- 1970's & 80's:** More management & marketing oriented
- 1990's & 2000:** More alternatives & value-added oriented