# Chew on This 

by Roger Meissen, University of Missouri

Tighter household budgets, higher grocery prices, fewer animals on the market and more meat going to foreign countries are causing the average U.S. consumer to eat less meat and poultry, according to a University of Missouri professor of agricultural and applied economics.

Ron Plain, the D. Howard Doane Professor at the College of Agriculture, Food and Natural Resources (CAFNR), said feed can be fingered as the top culprit, affecting meat production from hooves to feathers.
"In the last several years we've expanded ethanol production, using $40 \%$ of U.S. corn produced in 2011," Plain said. "As we ramp that usage up, there's less feed available for cattle, hogs and poultry, and with less feed comes reduced meat production."

The high price that corn garners at the elevator not only pushes up feed costs,

it persuades farmers to convert pasture to corn production. That translates to higher costs for the consumer at the meat counter. A troubled U.S. economy is leading some people to choose less expensive alternatives to meat, too.
"We know that when costs go up, things like the house payment and the car payment are not flexible, so the only place where you're flexible in your budget is with the food dollars," said Tammy Roberts, MU Extension nutrition specialist. "The most expensive food you buy at the grocery store generally is meat, so people stretch the meat and buy less."

## One-fourth less beef consumed

The drop in domestic meat consumption is most dramatic in the beef industry, with Americans eating $25 \%$ less beef than they were in 1980. People aren't just cutting down
on steaks and burgers, though. According to USDA estimates, U.S. meat consumption in 2012 will be down $12.2 \%$ from five years ago. That works out to almost 23 pounds (lb.) less per person than in 2007, dropping average total meat consumption to about 165 lb . in 2012.

Yet lower U.S. consumption doesn't mean lower demand or prices, Plain said. Increased exports and smaller herds will likely keep meat prices high. Steer prices are up more than $15 \$$ per pound from a year ago in places, recently topping $\$ 1.25$. For a $1,200-\mathrm{lb}$. steer, that means $\$ 180$ more per animal.
"In 2011 we saw record beef exports, record pork exports, record turkey exports and record broiler exports," Plain said. "In fact, a lot of foreign markets are able to outbid U.S. consumers for meat now, causing us to lose ground relative to foreign consumers."

With a growing world population and alternative fuel needs, this trend doesn't look to turn around any time soon.
"Less meat and more people means smaller supplies per American," Plain said. "And the way we ration that smaller size is with higher prices."

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