## Gutodyta Prices Heve Increased


Globally, commodity
prices have risen over the past 12
months - not just food prices.



## EJobal Prices: Alstorical Perspective

## 1992 to 2008

Food Prices
have increased
by less than the
average of all
commodities.


## Domestic Commodity Prices

The prices
received by
U.S. farmers
were also higher
during the past
12 months.


Livestock

All Crops

All Farm Products

## Prices Farmers Pay Alre Also Up

The prices
paid by U.S.
farmers are also
up, especially
for fuels and
fertilizers.


## Consumer Prige Index for Food

Retail food prices are forecast to
increase 5 to

## 6 percent in

2008 and 4 to 5
percent in 2009.

| Item | Relative Importance | 2007 | 2008 <br> Forecast | 2009 <br> Forecast |
| :---: | :---: | :---: | :---: | :---: |
| Consumer Price Indexes (CPI) | Percentage Change |  |  |  |
| All food | 100.0 | 4.0 | 5.0 to 6.0 | 4.0 to 5.0 |
| Food away from home | 44.6 | 3.6 | 3.5 to 4.5 | 4.0 to 5.0 |
| Food at home | 55.4 | 4.2 | 5.5 to 6.5 | 4.0 to 5.0 |
| Meats, poultry, and fish | 12.2 | 3.8 | 2.5 to 3.5 | 5.0 to 6.0 |
| Eggs | 0.9 | 29.2 | 13.5 to 14.5 | 2.5 to 3.5 |
| Dairy products | 6.4 | 7.4 | 8.0 to 9.0 | 4.0 to 5.0 |
| Fats and oils | 1.5 | 2.9 | 13 to 14 | 3.0 to 4.0 |
| Fruits and vegetables | 8.4 | 3.8 | 5.0 to 6.0 | 3.5 to 4.5 |
| Sugar and sweets | 2.0 | 3.1 | 4.5 to 5.5 | 3.0 to 4.0 |
| Cereals and bakery products | 7.4 | 4.4 | 9.0 to 10.0 | 3.5 to 4.5 |
| Nonalcoholic beverages | 6.7 | 4.1 | 3.5 to 4.5 | 3.0 to 4.0 |
| Other foods 5 W | 9.9 | 1.8 | 4.0 to 5.0 | 3.0 to 4.0 |

This table shows the percentage change in the consumer price index for various categories of food including food consumed away from home and food consumed at home. The table shows estimates for 2007 and a forecast for 2008

## Consumer Prices: ilistorioal Perspective

1970 to 2007
Recent increases are large in relation to recent
time periods,
but not close to
the changes in the 1970's.


Food CPI

Overall CPI

Factors Influencing Food Prices

Global Economic Growth

- Demand for food increases as developing countries grow and people improve their diets.

Real foreign economic growth is expected to be between 2.8\% and 3.1\% in 2008. Down modestly from 2007.

## Factors Influencing Food Prices

## Weather

Multi-year drought in Australia reduced wheat and milk production.

- Drought and dry weather in Canada, Ukraine, European Union, and the United States have adversely affected grain production.
- Flooding in the Midwest impacts may be less than first thought.
- Growing conditions have improved in the U.S. and in other parts of the world.
- Nearly ideal growing season weather across much of the Corn Belt since late June has supported crop development and increased yield prospects.


## Factors Influencing Food Prices

## Export Restrictions

Exporting countries have placed added taxes or restrictions on exports of grains, rice, oilseeds, and other products.

- However, government sales of some commodities, such as Vietnam's sale of rice to the Philippines, have helped dispel the notion of short supplies.

Food Marketing and Transportation Costs

- Higher energy prices also increase food processing, marketing and retailing costs.


## Factors Influencing Food Prices

## Biofuels

The amount of corn converted into ethanol and soybean oil converted into biodiesel in the United States nearly doubled from 2005/06 to 2007/08.

- The U.S. Department of Energy predicts that U.S. ethanol production will reach 9 billion gallons in 2008 and 9.9 billion gallons in 2009.
- Over 30\% of U.S. corn production will go toward ethanol in 2008/09.


## U.S. Cois Use, 1990 - 2008

The United States
is able to produce enough corn to meet feed, export, food, and growing ethanol demand.

$\qquad$

## Breakionym of Consumer Food Dollar



Because
commodity prices
make up a small
fraction of the prices paid by consumers, the effects of higher corn prices on retail prices is limited.

## Effects of Higiter Corim Prices

 on Food Prices- If fully passed onto consumers, a \$1 per bushel increase in the price of corn would increase the CPI for food by less than 1 percentage point.
- Higher commodity prices do play a role. Still, if you paid \$100 per week in groceries in 2007, this year you'll pay about \$105.


# Bjofuels Have thad a Moderate Effect on Coviman Soyjean Prices, ims a Small Impact on Food Prices 

- Increased levels of biofuel production over the past 2 years account for about 30\% of the increase in corn prices and $40 \%$ of the increase in soybean prices.
- Without the recent increases in U.S. biofuels production, the CPI for food would have been only about 0.3 to 0.7 percentage points lower.


## Ethanol Production Also Lowered Gas Priges

Ethanol is saving
you money each
time you fill
up at the pump.

- The U.S. Department of Energy estimates that gas prices would be between 20 and 35 cents per gallon higher without ethanol.
- For a typical household, that means saving about $\$ 150$ to $\$ 300$ per year.
- For the U.S., this saves $\$ 28$ to $\$ 49$ ifllon in expenditures on gasoline.

