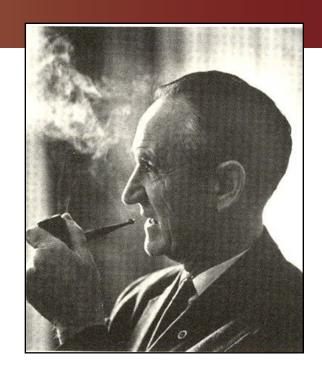


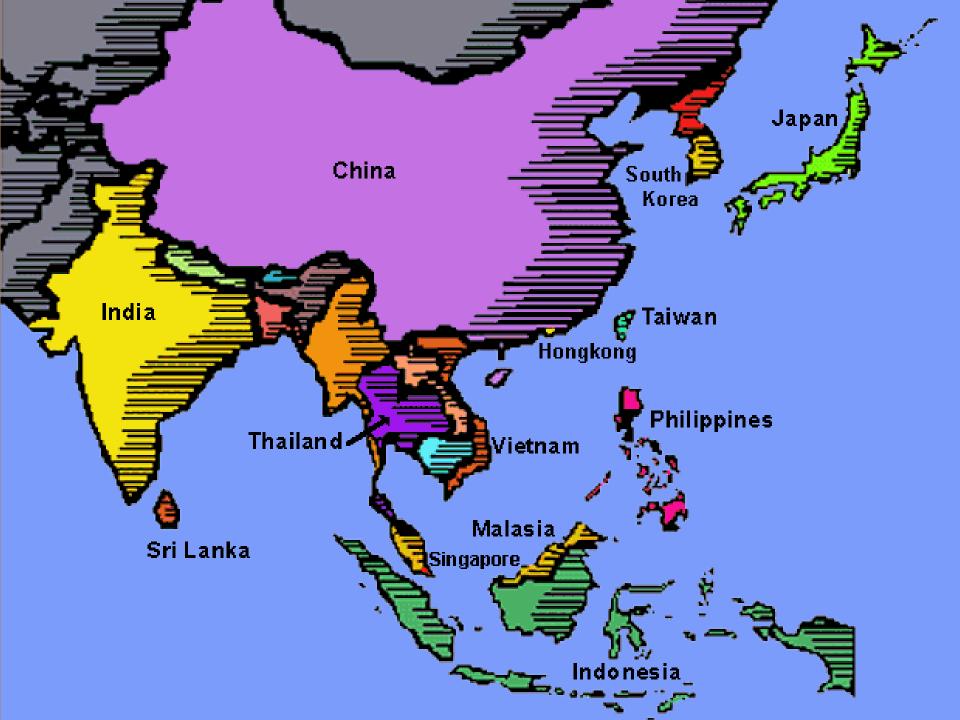
"I believe that one day America and the other nations clustered along the shores of the Pacific will be neighbors along a lake, a closely interwoven community sharing common interests and common goals."



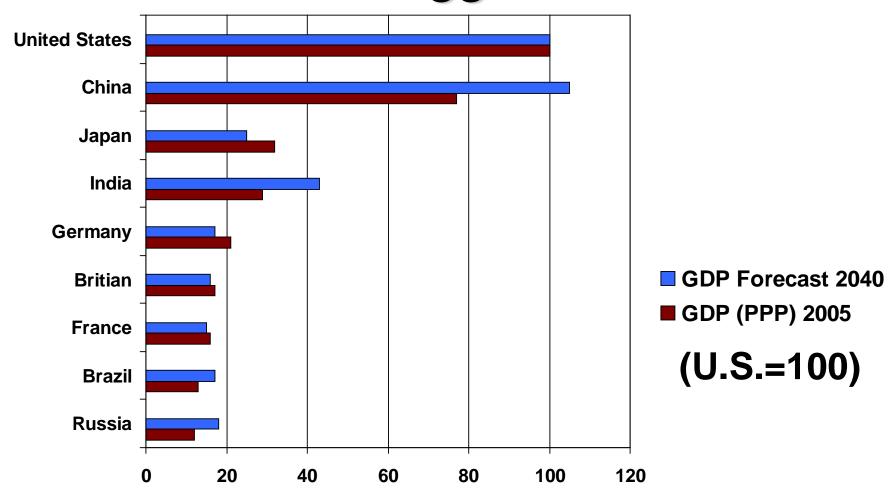
-Mike Mansfield, March 27, 1980

"There" he growled, pointing his finger at China on a map of the world, "is a sleeping giant. Let him sleep. If he wakes he will shake the world."

-Napoleon Bonaparte, 1803

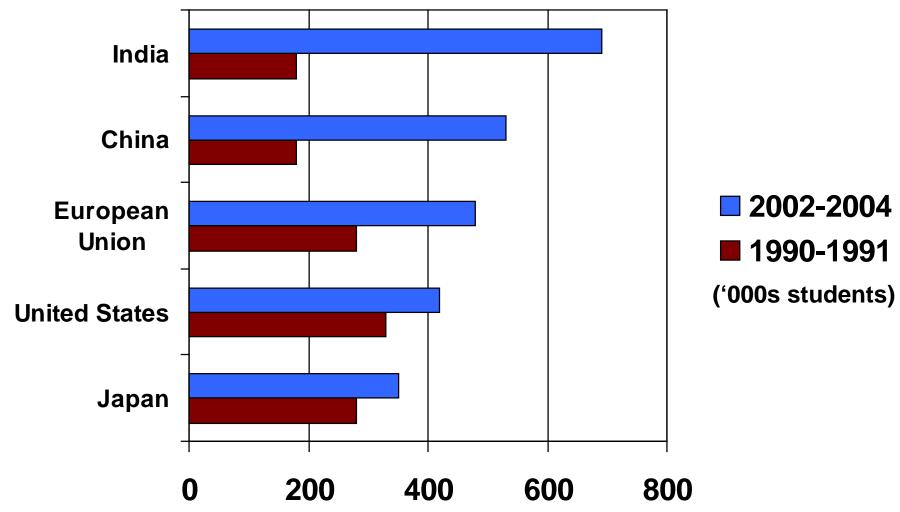


2040 Vision: World's Nine Biggest Economies



Sources: International Monetary Fund; Goldman Sachs; The Economist.

Body Count, University Students Graduating in Science and Engineering



Sources: Morgan Stanley; The Economist.

America: Love and Hate With Asia

War Legacies:

- Japan and World War II
- The Korean War: China and Korea
- The Vietnam War
- "China Mike" and the Asian Cold War

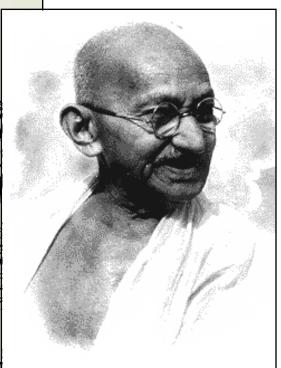
Asia as Friends:

- Asian Workers in Montana History
- Missionary Legacies
- Asian Ideas and Leaders We Admire: Gandhi, Yoga, Asian Children...

Globalization and Trade



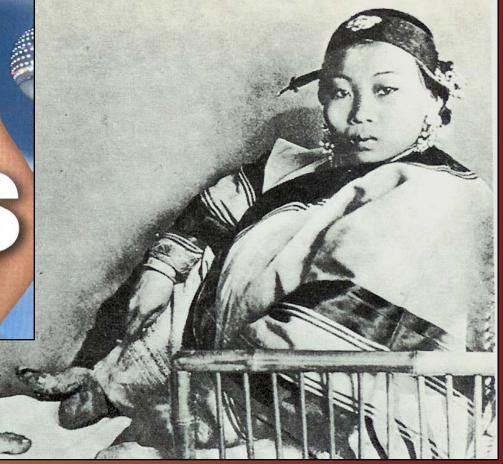








Images of Chinese Women



China's "Economic Miracle"

- Shared history, culture, common language
- Security and Patriotic Pride (after 1949)
- Tradition of science and technology
- Policies of Gender Equality
- Shift from Mao Zedong to Deng Xiaoping: 1978
 - End of ideology, Opening to the Outside (1978)
 - Rural Incentives (Abolish communes, 1978)
 - Capitalism with "Chinese Characteristics"

Rural and Urban China

- Trickle Down, yes
- But Growing Gap





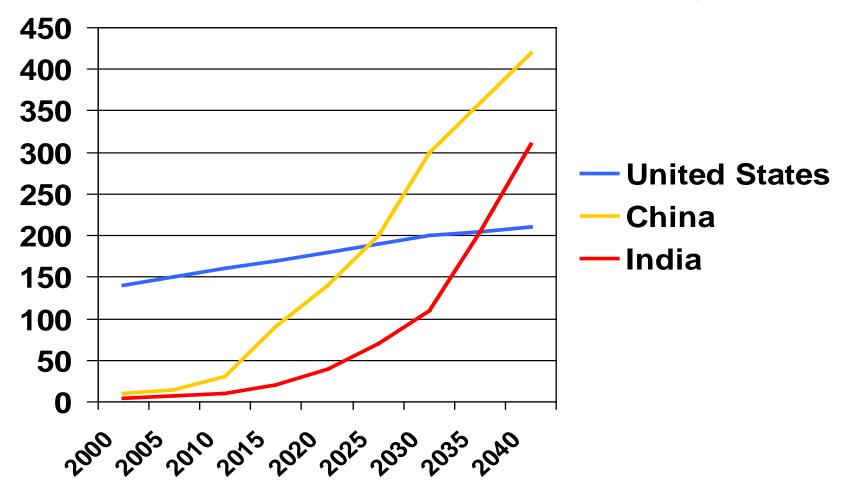


Lester Brown

(Earth Policy Institute, May 31, 2006)

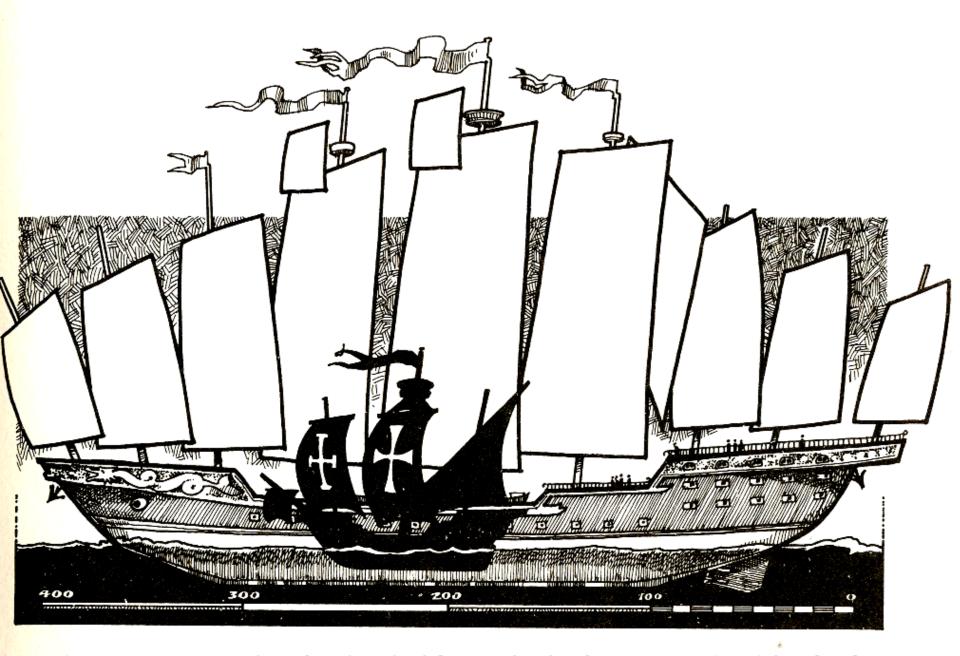
"The Western economic model -- the fossil fuel based, automobile-centered, throwaway economy -- will not work for China...If it doesn't work for China, it will not work for India or the three billion other people in developing countries who are also dreaming the American dream."

Future Traffic Jams, Forecasts of Car Ownership



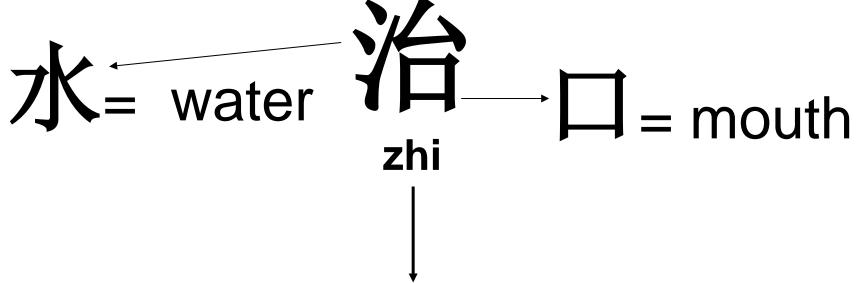
Note: Per 100 people in 2040.

Sources: Goldman Sachs; The Economist.



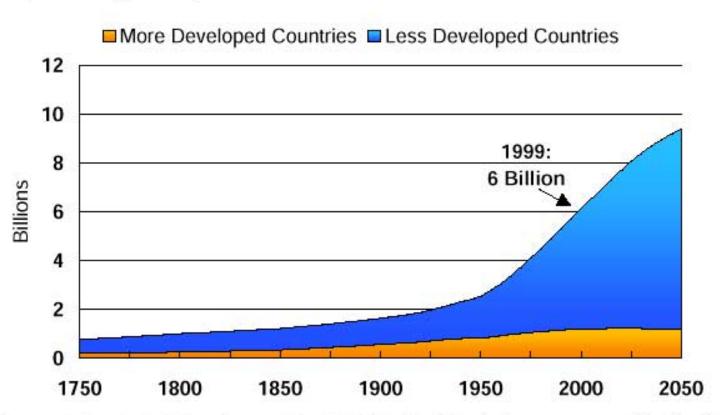
Zheng He's treasure ship (four hundred feet) and Columbus's St. Maria (eighty-five feet). (Illustration by Jan Adkins, 1993.)

Chinese Character for Government: Controlling Water-Feeding People



- order, peace, security
- govern, rule, control
- administer, manage

World Population Growth, 1750-2050

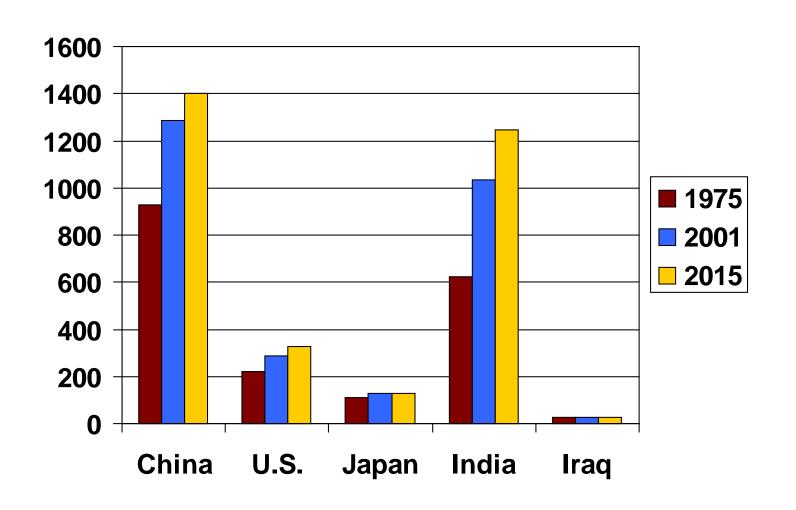


Sources: Before 1950: PRB estimates; 1950-2050: UN, World Population Projections to 2150, 1998 (medium scenario).



Population Growth, 1975-2015 (Millions)

United Nations, Human Development Report, 2003



Progress as Growth AND Sustainability

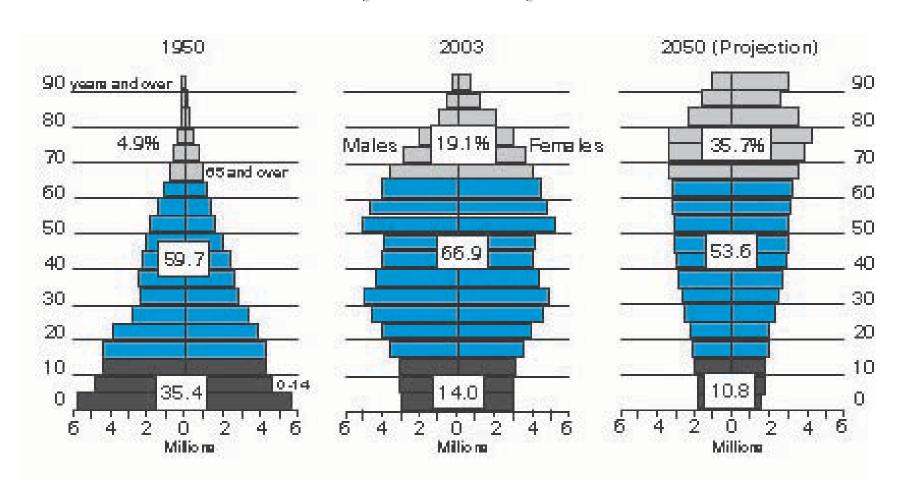
Growth in Defining Success:

- Feeding a Growing Population
- Population Growth
- Managing Water
- Technology

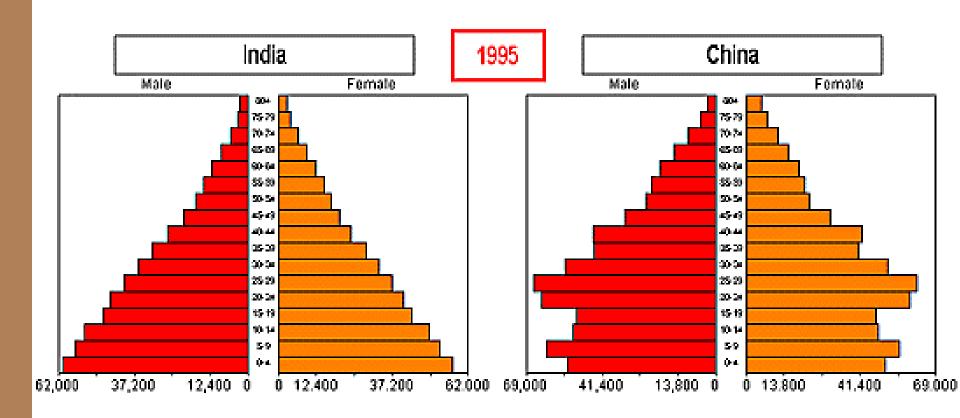
Sustainability

- Controlling Populations
- Rising Expectations and Consumption
- Inverted Population Pyramids and Aging Societies
- The Environment

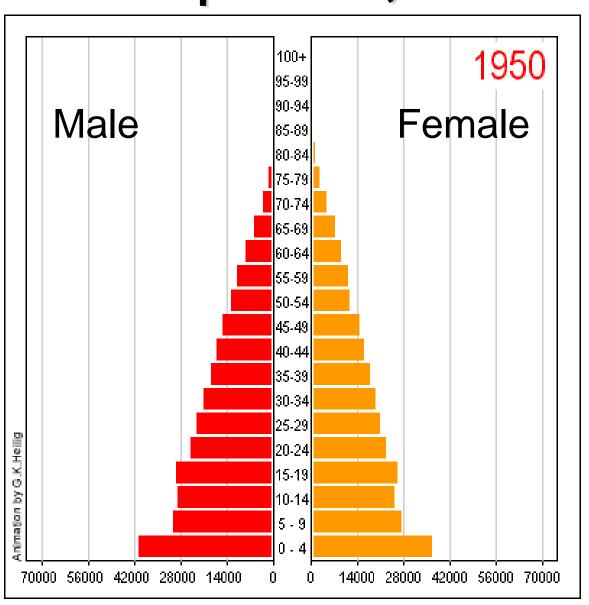
Population Pyramids in Japan 1950, 2003, 2050



Indian and Chinese Population Pyramids, 1995



Chinese Population, 1950-2050



Managing Water in China

- Flood and Drought
 - Water Control in Traditional China
 - Water Control today (Three Gorges Dam…)
 - Desertification in China Today
- Water Transfers from South to North
- Rising Water Consumption in:
 - Agriculture
 - Industry
 - Domestic

With its monsoon climate, China experiences "Katrinas" on a regular basis.



Growing Chinese Demand for Water From 2000 to 2010

Urban China: from 50 to 80 billion cm

Industrial China: from 127 to 206 billion cm

Waste in irrigation (80% evaporation)

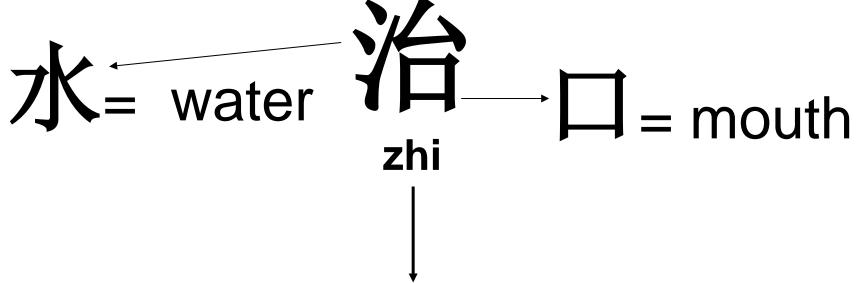
Beijing's falling water tables: 200 feet since 1965.

Water and Economic Growth

"Some economic booms grind to a halt, others run out of steam, but in China the biggest risk is that growth will dry up. Water, the country's scarcest resource, is running out. Pollution, waste and over-exploitation have combined with the expansion of mega-cities to foul up wells and suck rivers dry."

-The Guardian, October 9, 2006

Chinese Character for Government: Controlling Water-Feeding People



- order, peace, security
- govern, rule, control
- administer, manage

Montana and Rising Asia:

"China is where the action is.....China has 250 cities with a population of a million or more."

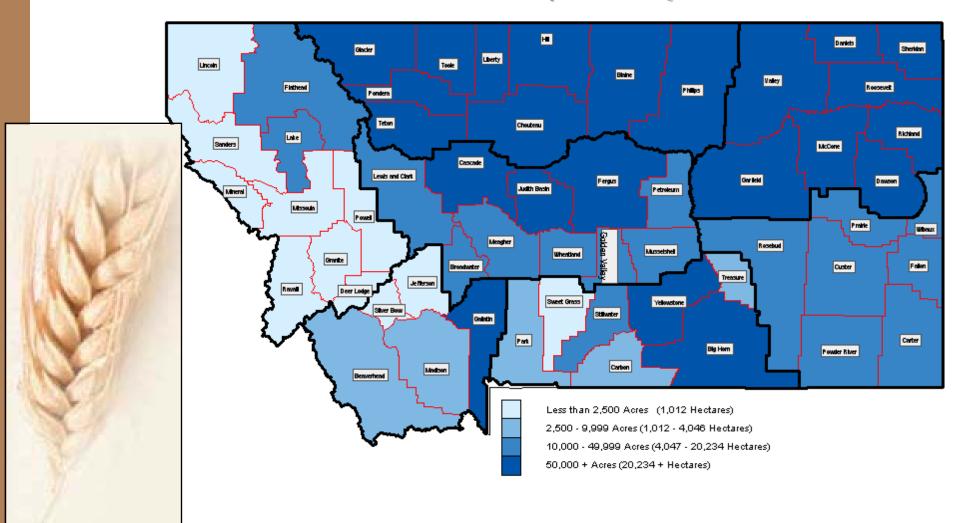
-- Arnold Sherman, World Trade Center, UM

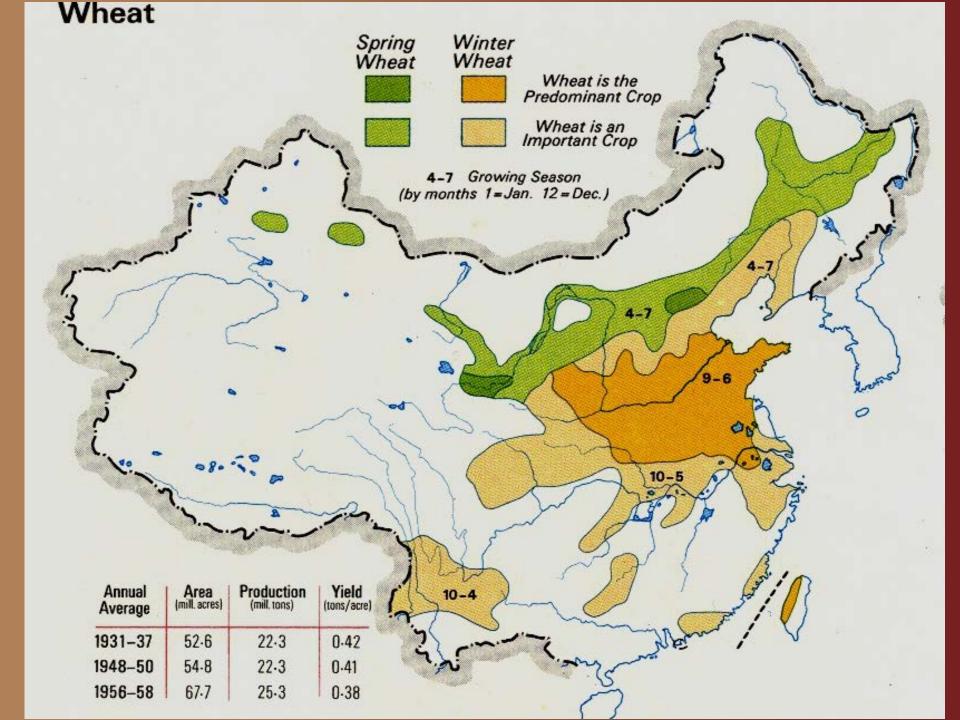
Wheat and Beef—yes—but if only:

- Cargill moved from Minneapolis to Billings
- Boeing moved from Seattle to Helena
- MacDonalds moved from Oak Brook to Missoula
- Your favorite...

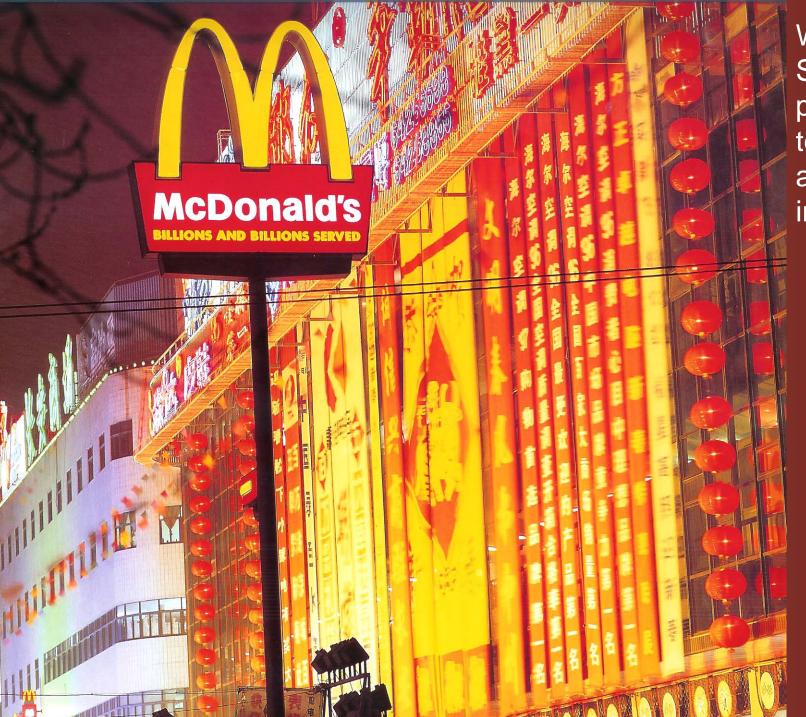
All Wheat-2005

Harvested Acres (Hectares)









Wangfujing Street, a popular tourist attraction, in Beijing.

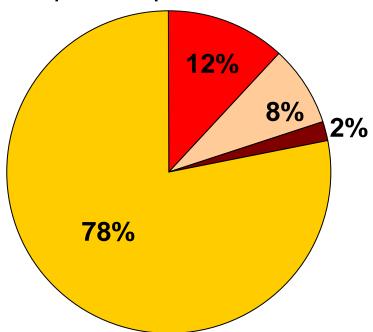
Montana Beef and China

"In 2003, China was one of our top ten "Markets apporting melaty notes of surface of the search of the project of the search of the project of the search of

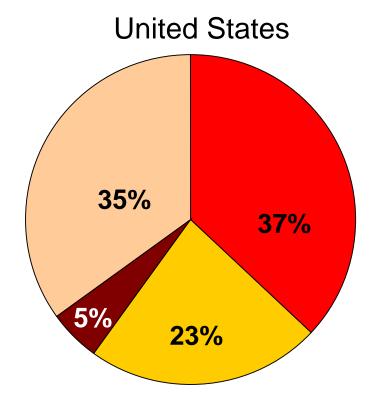
((High Plains/Midwest, December 27, 2006)

Average Daily Diet, Calories

Peoples Republic of China



- Other*
- Meat, eggs, fish and milk
- Vegetables and fruits
- □ Cereal, potatoes and other starchy foods



*Includes fats, oils, pulses, nuts, seeds, sugar and other sweets.

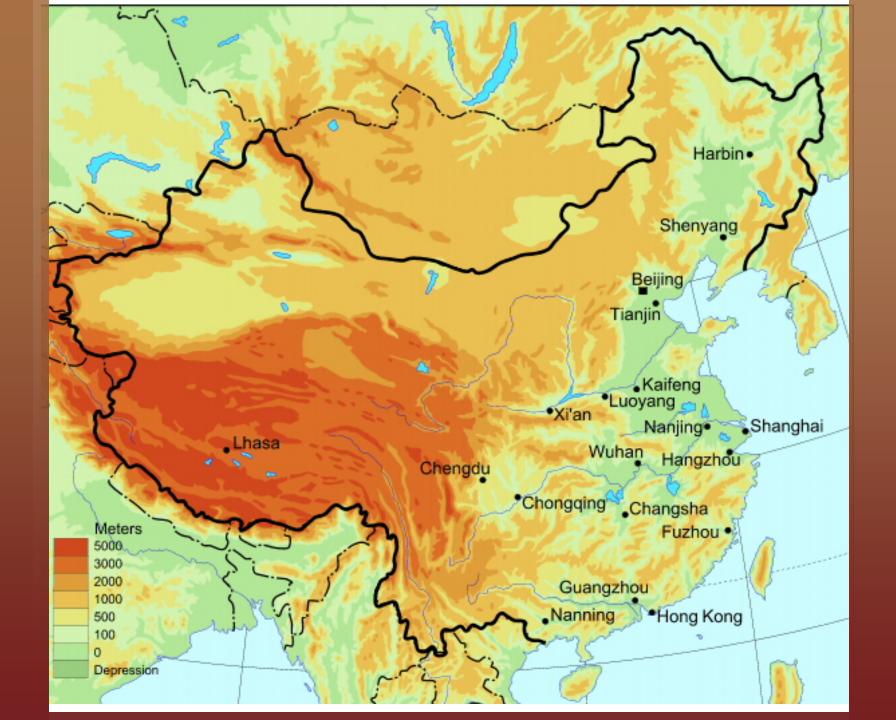
Becoming Closer Neighbors

- Asian Producers and the Box Store Economy
- Asian Consumers and Montana Exports
- Exchange Programs and Tourism
- Asia in Montana Classrooms
 - Chinese/Japanese Language and full East Asia courses at UM and MSU, Carroll College
 - Seminar on East Asia for Montana School Teachers
 - Asian units and themes in other college teaching
 - Asia and world history in the public schools
- The Mansfield Legacy: "We are going to have to understand each other better."

QUESTIONS?

Recommended Reading:

Peter Hessler, Oracle Bones





1800: World's Eight Largest Cities

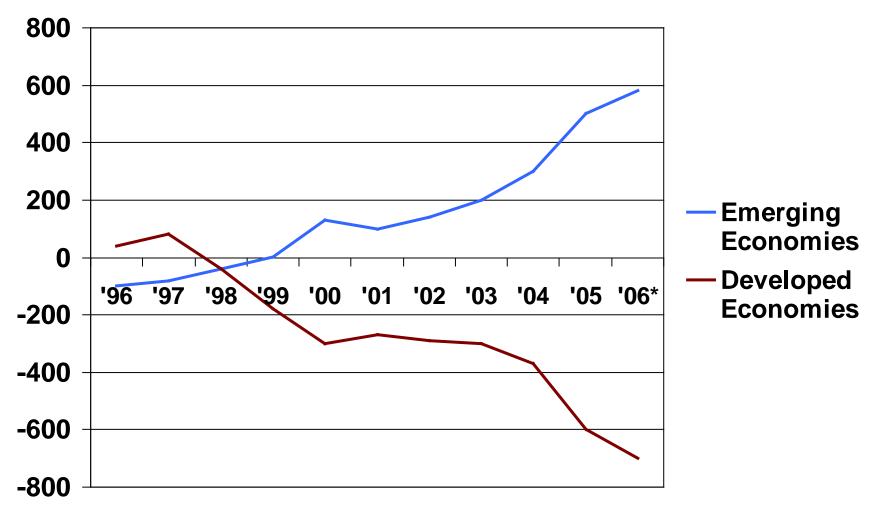
Beijing (Ch)	1,100,000
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London	861,000

Istanbul	570,000
ISTALISAL	010,000

[Philadelphia]	50,000
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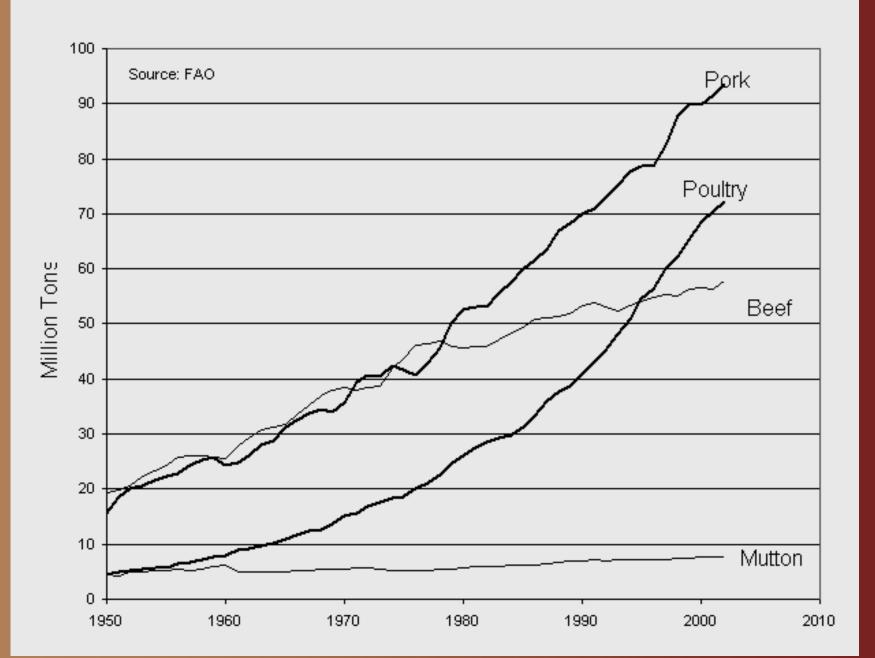
Buddy Can You Spare \$600 Billion? Current Account Balances



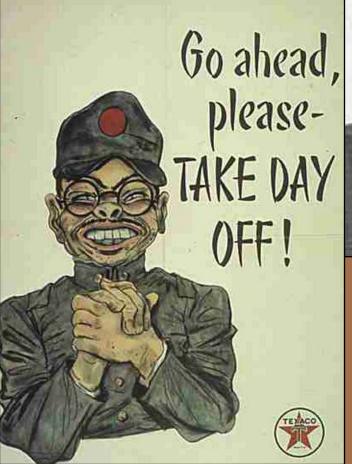
Note: *Forecast.

Sources: International Monetary Fund; The Economist.

Figure 8-1. World Meat Production by Type, 1950-2002



World War II Poster

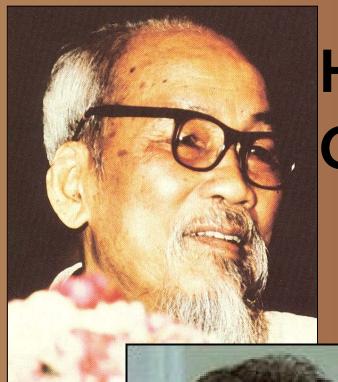




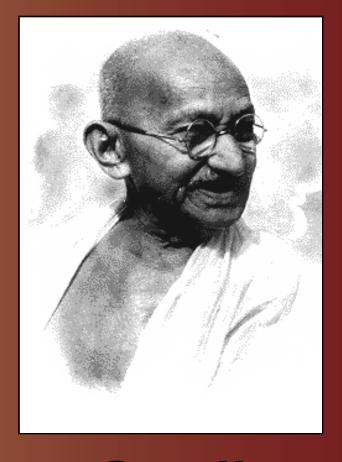
Tojo Hideki

Iwo Jima



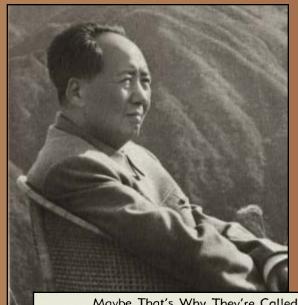


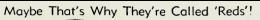
Ho Chi-minh



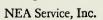
Kim Jong-il

Gandhi







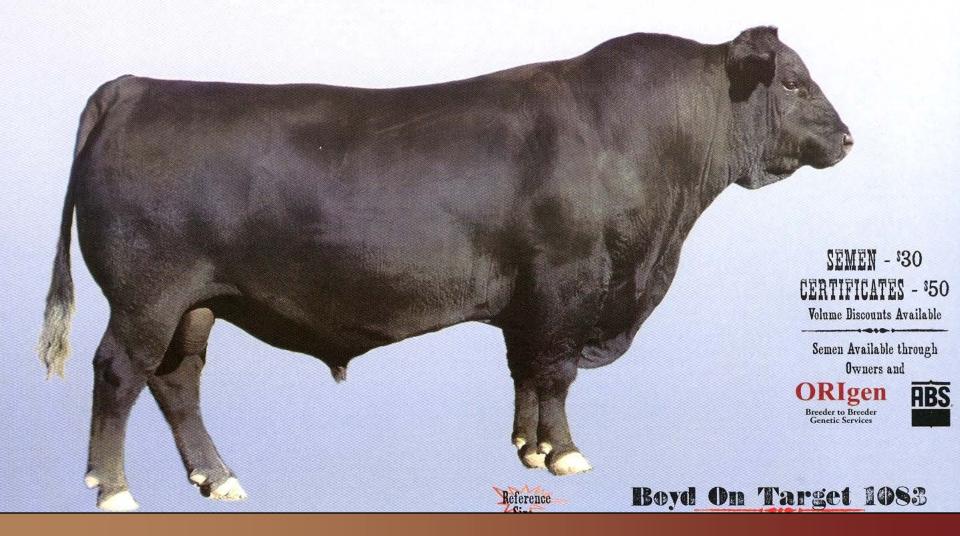






CONTRACTOR OF THE SECTION OF THE SEC

For the Beef Industry's Demand, Today and Tomorrow



Montana Wheat

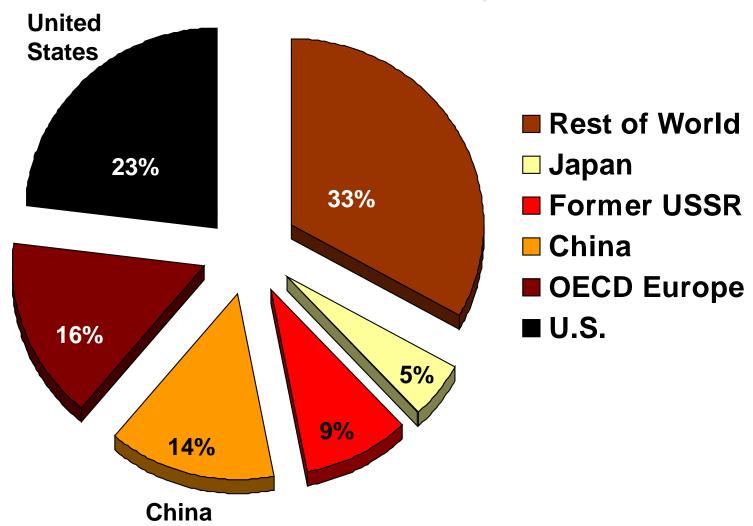
- 153 m bushels/year
- 4th state in US wheat production
- 80% of American wheat export is to Asia
- Top agricultural revenue source (\$355 m in 2004)

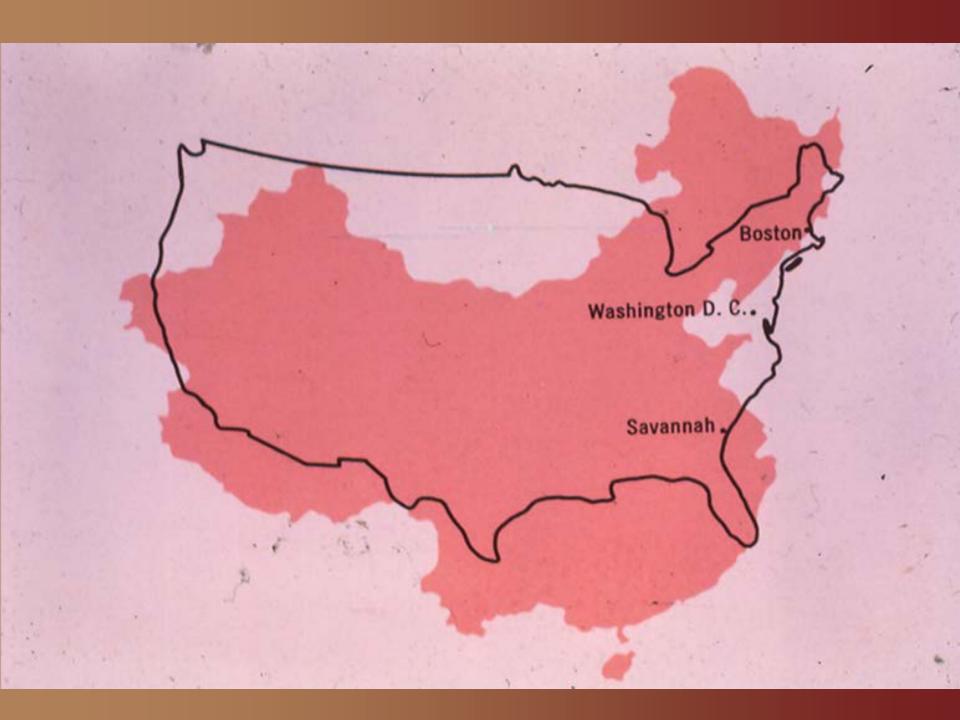


Montana Beef

- Beef: 45% of agricultural marketing
- Decrease in beef production since 1970
- Montana's calf-cow production dominates
- Niche markets: grass fed beef; stock, embryos, semen
- Mad Cow Disease

Global Energy-Related CO2 Emissions, 2002







Emerging Economies in World History Share of Global GDP

