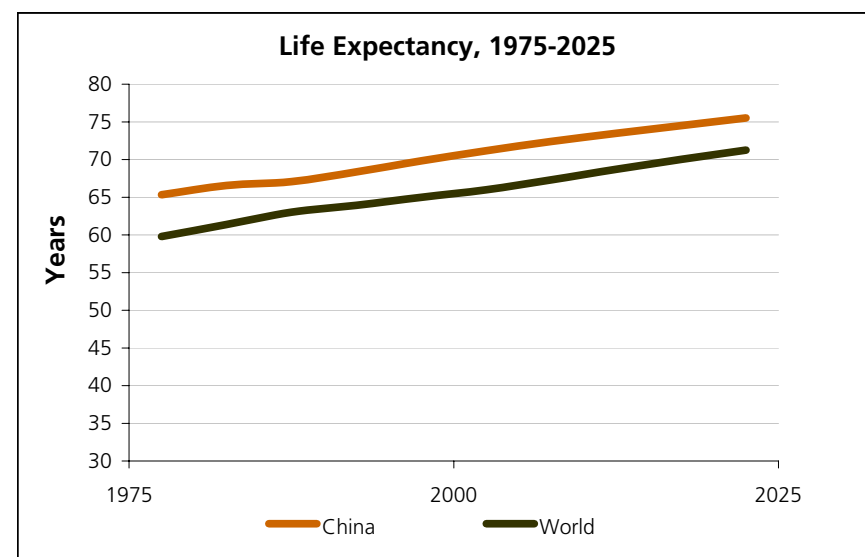
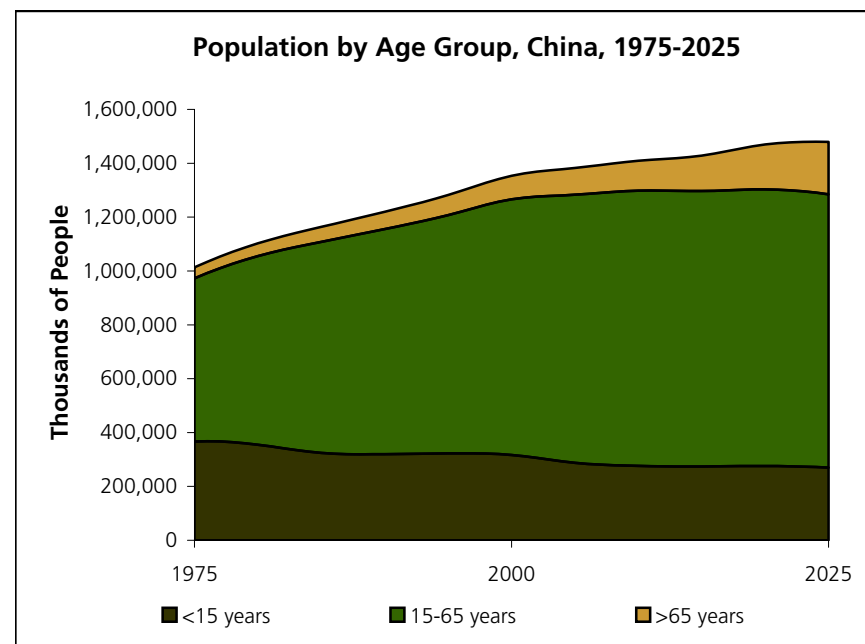
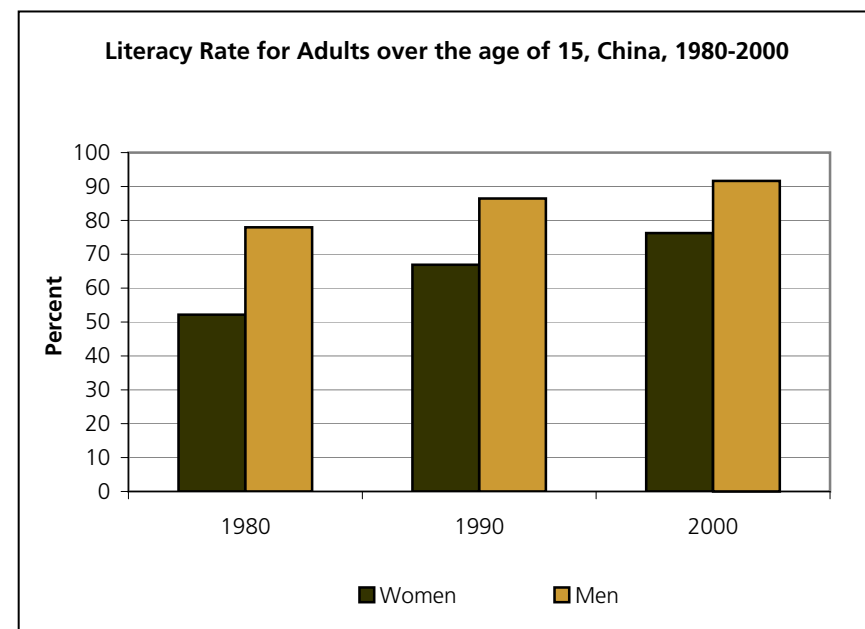


Demographic and Health Indicators	China	Asia (excl. Middle East)	World
<b>Total Population (in thousands of people)</b>			
1950	554,760	1,331,635	2,519,495
2002	1,294,377	3,493,424	6,211,082
2025 (projected)	1,470,787	4,345,549	7,936,741
<b>Population Density (people per square km), 2000:</b>	132.9	136.5	45.1
<b>Average Annual Population Growth Rate, 1980-2000</b>			
Total	1.2%	1.6%	1.6%
In rural areas	0.4%	0.9%	0.9%
In urban areas	3.7%	3.1%	2.4%
<b>Percentage of Population:</b>			
Under age 15, 2002	24%	29%	29%
Over age 65, 2002	7%	6%	7%
Living in Urban Areas, 2000	32%	35%	47%
<b>Average Total Fertility Rate {a}</b>			
1975-1980	3.3	4.1	3.9
2000-2005	1.8	2.5	2.7
<b>Infant Mortality Rate {b}, 2000-2005</b>	37	51	55
<b>Under-Five Mortality Rate {b}, 2000</b>	40	X	83
<b>Life Expectancy at birth (years), 2000-05</b>			
Female	73.5	69.6	68.1
Male	69.1	66.3	63.9
<b>Births Attended by Trained Personnel, 1994-2000 {c}</b>	70%	X	57%
<b>Adults and Children Infected with HIV/AIDS, 2001 (number)</b>	850,000	6,150,940	40,000,000
<b>Percent of Adults Ages 15-49 infected with HIV or AIDS, 2001</b>	0.1%	0.4%	1.2%
<b>Number of Children Orphaned by AIDS since the beginning of epidemic, 2001</b>	76,000	X	14,000,000
<b>Safe Water and Sanitation {c}</b>			
<b>Access to Improved Sanitation, 2000</b>			
Urban	69%	70%	85%
Rural	27%	31%	40%



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	China	Asia (excl. Middle East)	World
<b>Safe Water and Sanitation {c}</b>			
Access to an Improved Water Source, 2000			
Urban	94%	94%	95%
Rural	66%	74%	71%
<b>School Enrollment and Literacy {c}</b>			
Net Primary School Enrollment, both sexes			
1980	X	X	X
1997-1999 {c}	91%	X	X
Net Secondary School Enrollment, 1997-1999 {c}			
Female	48%	X	X
Male	52%	X	X
Gross Tertiary School Enrollment, 1996-99 {c}	7%	X	X
Adult Literacy Rate, 2002			
Female	80%	66%	75%
Male	93%	82%	86%
Youth Literacy Rate (ages 15-24), both sexes			
1980	90%	76%	80%
2002	98%	85%	87%



**Other Resources:**

Country Profiles of the Food and Agriculture Organization of the United Nations, Economic Situation:  
<http://www.fao.org/countryprofiles/index.asp?subj=3&iso3=CHN>

**Footnotes:**

- a. Total fertility rate is an estimate of the number of children an average woman would have if current age-specific fertility rates remain constant during her reproductive years.
- b. In deaths per 1,000 live births. Infant mortality rate refers to children under one year of age.
- c. Data are for the most recent year within the range specified.

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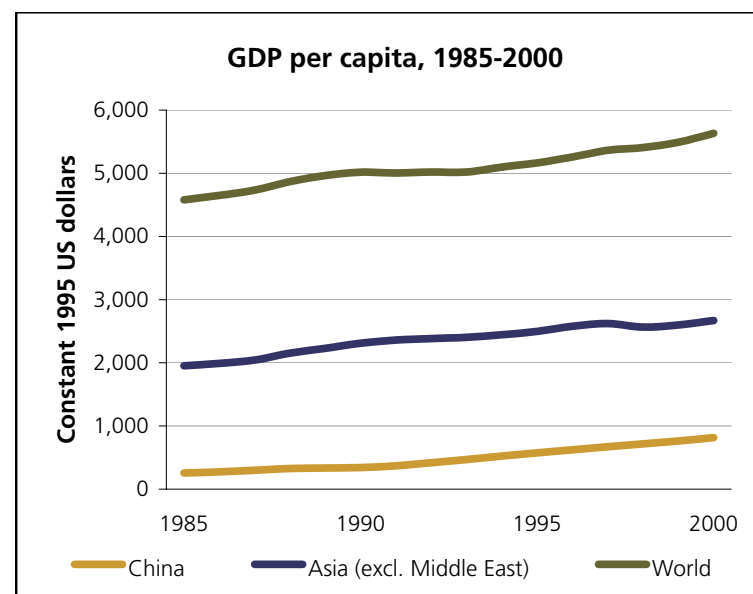
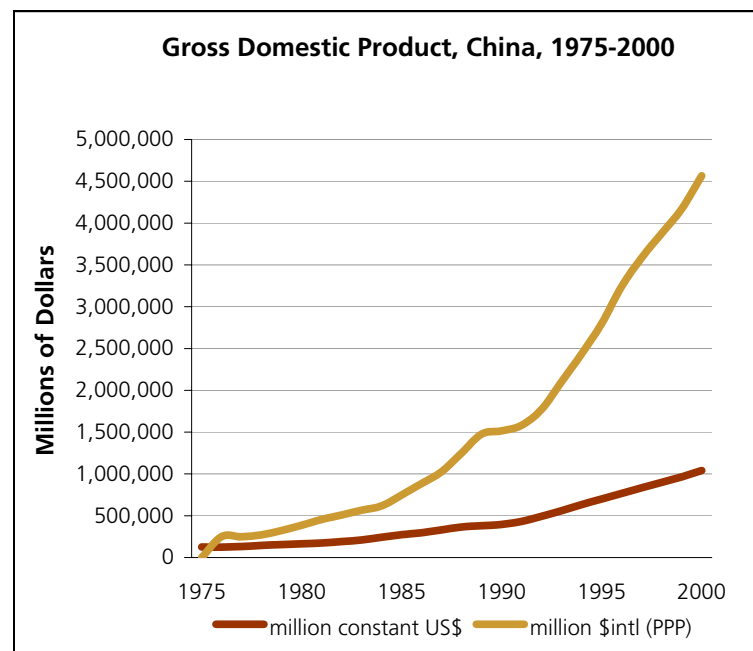
	China	Asia (excl. Middle East)	World
<b>Gross Domestic Product, 2000</b>			
GDP in million constant 1995 US dollars	1,040,312	8,913,075	34,109,900
GDP PPP (million current international dollars) {a}	5,019,395	14,443,434	44,913,910
Gross National Income (PPP, in million current international dollars), 2000 {a}	4,951,233	14,332,825	44,458,520
GDP per capita, 2000			
in 1995 US dollars	816	2,670	5,632
in current international dollars	3,936	4,327	7,416
Average annual growth in GDP, 1991-2000			
Total	9%	3%	3%
Per capita	9%	1%	1%
Percent of GDP earned by:			
Agriculture, 2000	16%	X	X
Industry, 2000	51%	X	X
Services, 2000	33%	X	X

## International Trade

	China	Asia (excl. Middle East)	World
Trade in Goods and Services (million current \$US)			
Imports, 2000	250,685	819,978	X
Exports, 2000	279,558	895,412	X
Exports as a percent of GDP, 2000	26%	X	X
Balance of Trade, 2000 (million current \$US)	28,873	X	X

## Official Development Assistance (ODA ) and Financial Flows

	China	Asia (excl. Middle East)	World
ODA in million US dollars, 1998-2000 {b}	2,189	X	59,073
ODA per capita in US dollars, 1998-2000 {b}	2	4	10
Current Account Balance (million \$US), 2000	20,518	X	X
Total external debt, million \$US, 1998-2000 {b}	152,874	X	X
Debt service as a % of export earnings, 1995-97 {b}	9.1%	X	X
Foreign Direct Investment, net inflows (million current \$US), 2000	38,399	71,197	X
International Tourism Receipts, 1995-1997 (million \$US)	10,336	X	X



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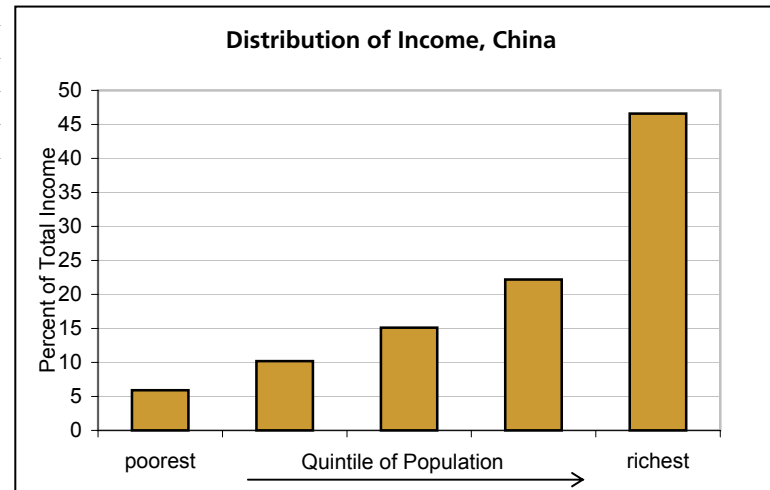
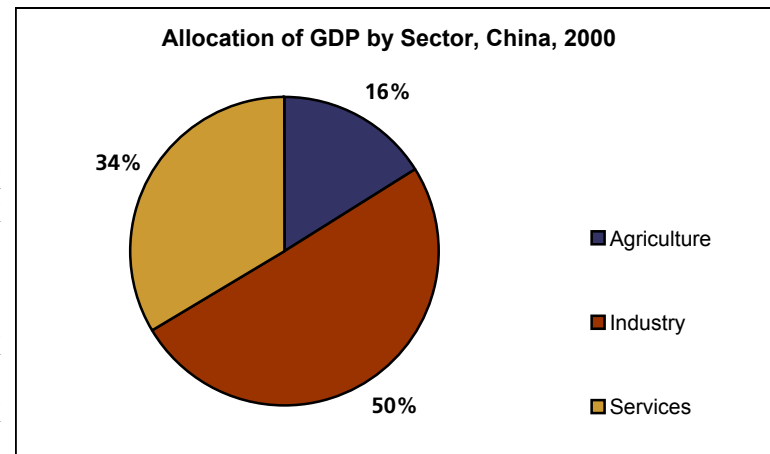
## Economic Indicators -- China

	China	Asia (excl. Middle East)	World
<b>National Savings (as a percent of Gross National Income)</b>			
Gross National Savings, 2000	40%	30%	23%
Net National Savings, 2000	31%	17%	X
Adjusted Net Savings, 2000	27%	19%	X
<b>Income Distribution (years vary)</b>			
Gini coefficient (0=perfect equality; 100=perfect inequality)	40	X	X
Percent of total income earned by the richest 20% of the population:	46.6%	X	X
Percent of total income earned by the poorest 20% of the population:	5.9%	X	X
National Poverty Rate	4.6%	X	X
Poverty Rate, Urban Population	2.0%	X	X
Percent of population living on less than \$1 a day	18.8%	X	X
Percent of population living on less than \$2 a day	52.6%	X	X

### Other Resources:

Country Profiles of the Food and Agriculture Organization of the United Nations, Economic Situation:

<http://www.fao.org/fi/fcp/en/CHN/profile.htm>



a. Data are in international dollars, adjusted for purchasing power parity (PPP). PPP rates provide a standard measure allowing comparison of real price levels between countries. b. Data are averaged for the range of years listed.

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Carbon Dioxide (CO <sub>2</sub> ) Emissions {a} (in thousand metric tons of CO <sub>2</sub> )	China	Asia (excl. Middle East)	World
Total Emissions, 1998	3,316,760	7,360,942	24,215,376
Percent change since 1990	31%	38%	8%
Emissions as a percent of global CO <sub>2</sub> production	13.7%	30.4%	
Emissions in 1998 from:			
solid fuels	2,386,913	4,020,885	8,654,368
liquid fuels	609,001	2,304,231	10,160,272
gaseous fuels	55,231	580,898	4,470,080
gas flaring	0	22,391	172,208
cement manufacturing	265,615	432,537	758,448

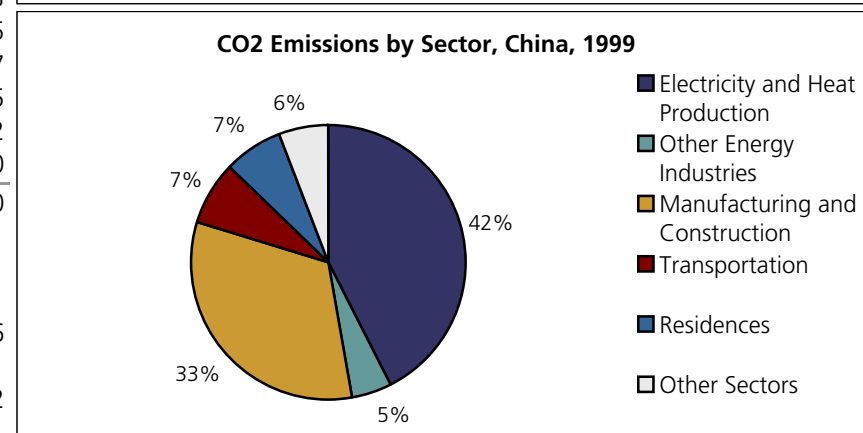
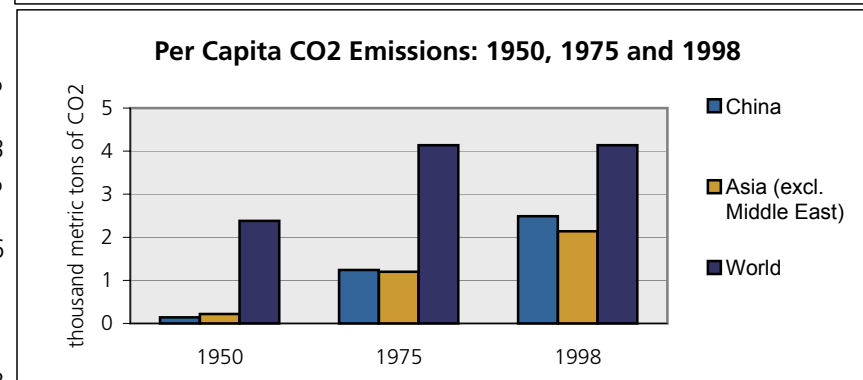
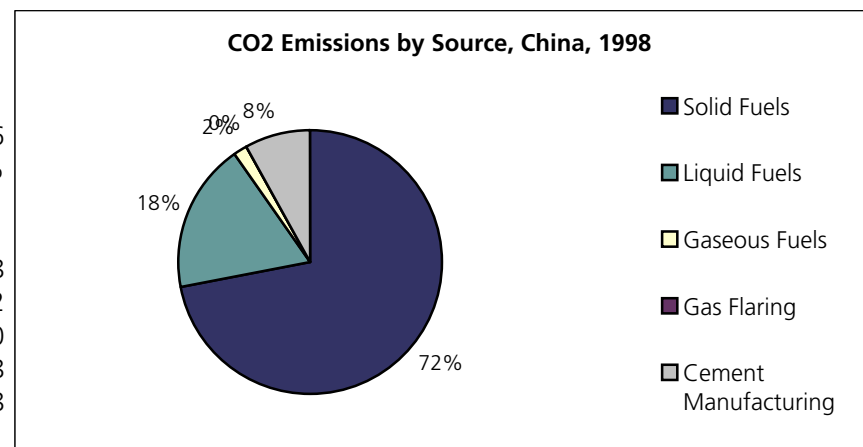
Per capita CO <sub>2</sub> emissions, 1998 (thousand metric tons of CO <sub>2</sub> )	2.5	2.1	4.1
Percent change since 1990	17%	19%	-2%
CO <sub>2</sub> emissions (in metric tons) per million dollars Gross Domestic Product {b}, 1998	3,454	X	773
Percent change since 1990	-43%	X	-10%
Cumulative CO <sub>2</sub> emissions, 1900-1999 (in billion metric tons)	65,168	161,972	933,686

### CO<sub>2</sub> Emissions by Sector, 1999 {c} (in million metric tons of CO<sub>2</sub>)

Public electricity, heat production, and autoproducers	1,281	2,697	8,693
Other Energy Industries	139	312	1,205
Manufacturing Industries and Construction	979	1,915	4,337
Transportation	221	943	5,505
Residential	211	471	1,802
Other Sectors {d}	176	580	5,640
<b>Total Emissions All Sectors:</b>	<b>3,007</b>	<b>6,918</b>	<b>27,180</b>

### CO<sub>2</sub> Intensity, 1999

Emissions per total energy consumption (metric tons CO <sub>2</sub> per terajoule energy)	66	56	56
Emissions per Gross Domestic Product {e} (metric tons of CO <sub>2</sub> /million \$PPP)	700	540	582



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## Atmosphere and Climate-- China

	China	Asia (excl. Middle East)	World
<b>Non-CO2 Air Pollution, thousand metric tons</b>			
Sulfur dioxide emissions, 1995	34,359	55,129	141,875
Nitrogen oxide emissions, 1995	12,181	28,962	99,271
Carbon monoxide emissions, 1995	88,448	258,325	852,415
Non-methane VOC emissions {f}, 1995	11,081	42,036	159,634

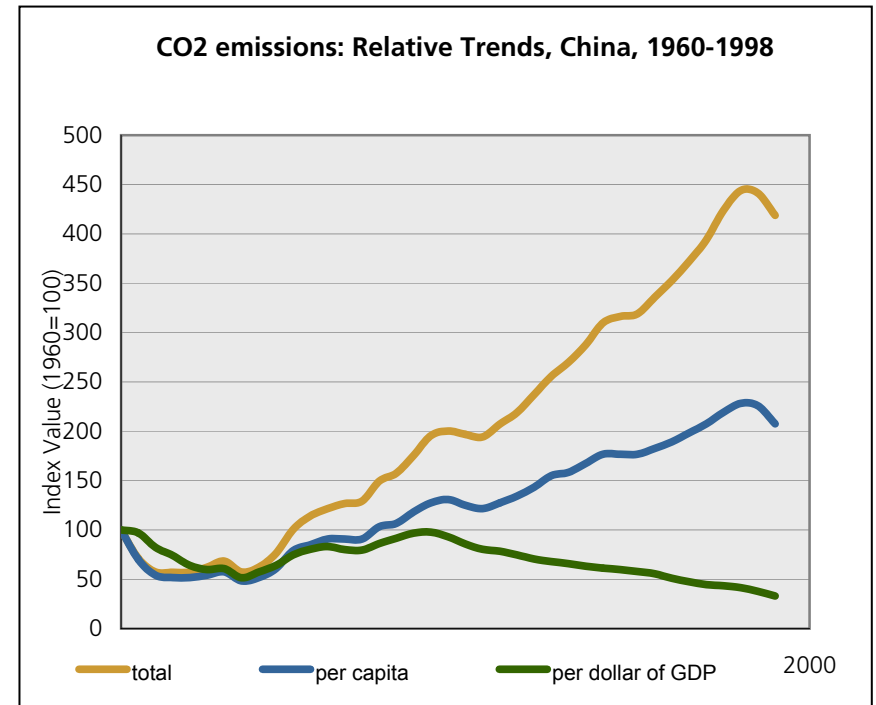
### Multilateral Agreements Status as of September 2002

Data show the year each country ratified the agreement, unless labeled as "signed only".

Kyoto Protocol	2002
United Nations Framework Convention on Climate Change (UNFCCC)	1993
Vienna Convention	1989

### Other Resources:

Sustainable Development Country Profile of the Food and Agriculture Organization of the United Nations:  
<http://www.fao.org/countryprofiles/index.asp?subj=2&iso3=>



### Footnotes:

Some footnotes are not incorporated here. Please refer to the Data Tables section of EarthTrends for a full listing.

- a. Source: Carbon Dioxide Information Analysis Center (CDIAC).
- b. Constant US dollars.
- c. Source: International Energy Agency (IEA).
- d. Includes the commercial sector, agriculture, the public service sector, and international bunkers
- e. GDP is in 1995 international dollars, adjusted for Purchasing Power Parity.
- f. VOC: Volatile Organic Compounds.

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Energy Production and Consumption (in thousand metric tons of oil equivalent) {a}	China	Asia (excl. Middle East)	World
Total energy production, 2000	1,107,636	2,435,747	10,077,984
% change since 1980	80%	108%	37%
Energy imports, 1997	66,531	1,076,015	9,521,506
Energy exports, 1997	53,769	392,653	3,419,104
Total energy consumption {b}, 1999	1,088,349	2,919,333	9,702,786
Electricity consumption, 1999	81,701	260,920	1,040,770
Energy consumption per capita, 1997	0.88	0.90	1.64
% change since 1990	19%	13%	0%
Energy consumption per GDP {c}, 1999:	241	221	244
% change since 1990	-46%	-14%	-13%

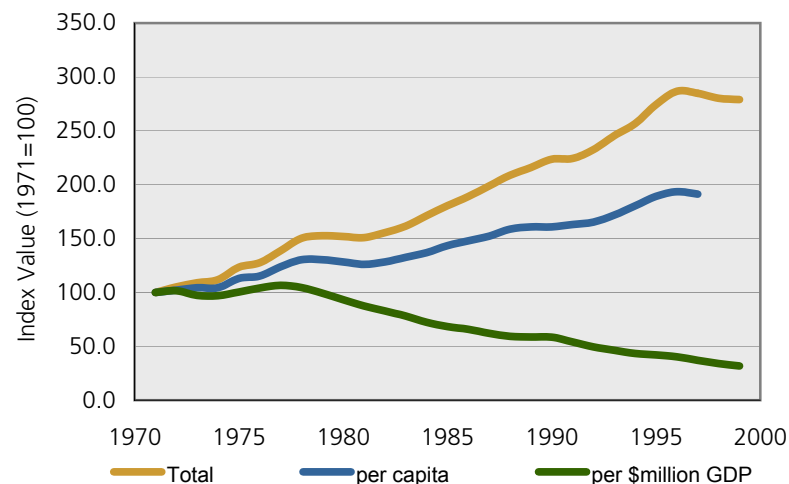
### Energy Consumption by Source, 1999 (in thousand metric tons oil equivalent)

Total Fossil Fuels	854,743	2,175,366	7,689,047
Coal and coal products	624,117	1,013,218	2,278,524
Crude oil and natural gas liquids	189,645	829,930	3,563,084
Natural gas	26,058	277,374	2,012,559
Nuclear	3,896	117,291	661,901
Hydroelectric	17,527	44,424	222,223
Renewables, excluding hydroelectric:	212,938	578,643	1,097,889
Primary solid biomass (includes fuelwood)	211,705	561,751	1,035,139
Biogas and liquid biomass	1,234	1,276	14,931
Geothermal	0.0	14,658	43,802
Solar	0.0	865	2,217
Wind	0.0	94	1,748
Tide, wave, and ocean	0.0	0	53

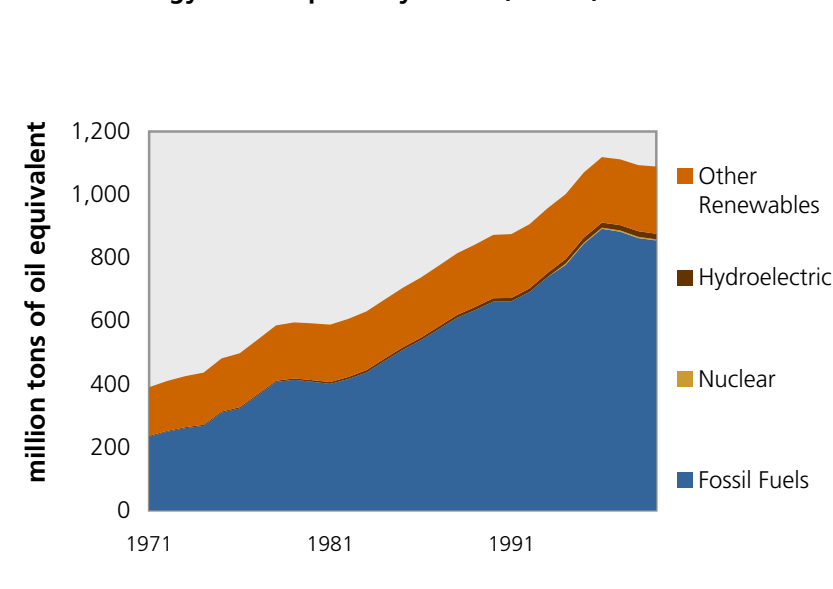
### Energy Consumption by Sector, 1999 (in thousand metric tons of oil equivalent)

Industry	314,374	752,092	2,140,474
Transportation	69,176	335,749	1,755,505
Agriculture	30,652	64,834	166,287
Commercial & public services	18,497	101,129	511,555
Residential	289,489	731,518	1,845,475
Non-energy uses and "other" consumption	31,854	79,643	333,981
Total final energy consumption {d}	754,042	2,064,965	6,753,276

Energy Consumption: Relative trends, China, 1971-1999



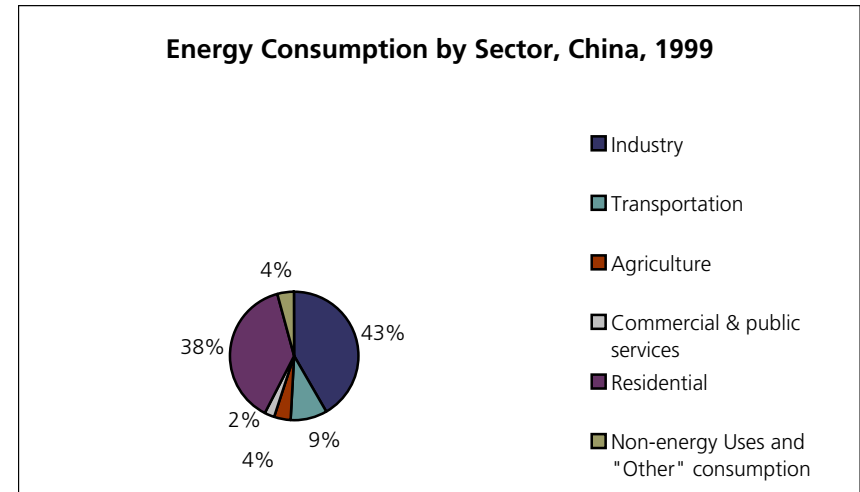
Energy Consumption by Source, China, 1971-1999



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## Energy and Resources-- China

	China	Asia (excl. Middle East)	World
<b>Resource Consumption</b>			
Passenger cars per 1000 people, 1998	X	X	109
Annual motor gasoline consumption, 2000 (liters per person)	33	48	179
Annual meat consumption, 1998 (kg per person)	47	25	38
Annual paper consumption, 2000 (kg per person)	33	30	53
Annual coffee consumption, 2001 (kg per person)	X	X	X



### Footnotes:

- One metric ton of oil equivalent (toe) is defined as 10 Exp. 7 kilocalories or 41.868 gigajoules, equal to the amount of energy contained in 1 metric ton of crude oil.
- In metric tons of oil equivalent per million constant 1995 international dollars.  
TPES = Energy Production + Imports - Exports - Stock Changes - Consumption by International Marine Bunkers
- In metric tons of oil equivalent per million constant 1995 international dollars.
- "Total final consumption" is calculated as the sum of energy consumption by sectors.

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