

## CHINESE GDP GROWTH AND ENERGY CONSUMPTION -- 1990 TO 2010

### Units of Physical Measurement

	1990	1995	2000	2001	2002	2003	2004	2005	2010
REAL GDP GROWTH INDEX	100	176.1	261.8	281.5	304.9	333.2	364.9		
<b>Real GDP (in 1990 Yuan)</b>	18548	32,663	48,559	52,213	56,553	61,802	67,673	73,643	110,840
Energy consumption (SCE)	98,703	131,176	130,297	134,915	148,222	167,821	182,790	201,143	321,631
Tons per Y of RGDP	5.32	4.02	2.68	2.58	2.62	2.72	2.70	2.73	2.90
<b>RGDP INDEX - Secondary Inc</b>	100	225.7	366.6	398.6	438.4	494.5	549.4		
<b>Real GDP (in 1990 Yuan)</b>	7,717	17,417	28,291	30,760	33,831	38,161	42,396	46,933	75,586
Energy consumption (SCE)	68,791	97,526	91,067	93,800	103,791	119,786	132,277	147,016	241,544
Tons per Y of RGDP	8.91	5.60	3.22	3.05	3.07	3.14	3.12	3.13	3.20
<b>RGDP INDEX - Primary Ind.</b>	100	122.6	145.3	149.3	153.7	157.5	167.4		
<b>Real GDP (in 1990 Yuan)</b>	5,017	6,151	7,290	7,490	7,711	7,902	8,400	8,736	10,628
Energy consumption (SCE)	4,852	5,505	5,787	6,233	6,514	7,112	7,308	7,653	9,786
Tons per Y of RGDP	0.97	0.89	0.79	0.83	0.84	0.90	0.87	0.88	0.92
<b>RGDP INDEX - All other</b>	5,814	9,095	12,978	13,962	15,010	15,740	16,877	17,974	24,626
Energy consumption	25060	28145	33443	34882	37917	40923	43205	46,474	70,301
Tons per Y of RGDP	4.31	3.09	2.58	2.50	2.53	2.60	2.56	2.59	2.85

**CHINESE GDP GROWTH AND ENERGY CONSUMPTION -- 1990 TO 2010**  
**Annual Percent Change**

	1990 to 1995	1995 to 2000	2001	2002	2003	2004	2005	2005 to 2010
<b>Real GDP (in 1990 Yuan)</b>	<b>12.0%</b>	<b>8.3%</b>	<b>7.5%</b>	<b>8.3%</b>	<b>9.3%</b>	<b>9.5%</b>	<b>8.8%</b>	8.5%
Energy consumption	5.9%	-0.1%	3.5%	9.9%	13.2%	8.9%	10.0%	9.8%
Tons per Y of RGDP	-5.5%	-7.7%	-3.7%	1.4%	3.6%	-0.5%	1.1%	1.2%
RGDP INDEX - Secondary Ind.								
<b>Real GDP (in 1990 Yuan)</b>	<b>17.7%</b>	<b>10.2%</b>	<b>8.7%</b>	<b>10.0%</b>	<b>12.8%</b>	<b>11.1%</b>	<b>10.7%</b>	<b>10.0%</b>
Energy consumption	7.2%	-1.4%	3.0%	10.7%	15.4%	10.4%	11.1%	10.4%
Tons per Y of RGDP	-8.9%	-10.5%	-5.3%	0.6%	2.3%	-0.6%	0.4%	0.4%
RGDP INDEX - Primary Ind.								
<b>Real GDP (in 1990 Yuan)</b>	<b>4.2%</b>	<b>3.5%</b>	<b>2.8%</b>	<b>2.9%</b>	<b>2.5%</b>	<b>6.3%</b>	<b>4.0%</b>	<b>4.0%</b>
Energy consumption	2.6%	1.0%	7.7%	4.5%	9.2%	2.8%	4.7%	5.0%
Tons per Y of RGDP	-1.5%	-2.4%	4.8%	1.5%	6.5%	-3.3%	0.7%	1.0%
RGDP INDEX - All other								
<b>Real GDP (in 1990 Yuan)</b>	<b>9.4%</b>	<b>7.4%</b>	<b>7.6%</b>	<b>7.5%</b>	<b>4.9%</b>	<b>7.2%</b>	<b>6.5%</b>	<b>6.5%</b>
Energy consumption	2.3%	3.5%	4.3%	8.7%	7.9%	5.6%	7.6%	8.6%
Tons per Y of RGDP	-6.4%	-3.6%	-3.0%	1.1%	2.9%	-1.5%	1.0%	2.0%

**CHINESE ENERGY CONSUMPTION BY TYPE OF ENERGY -- 1990 TO 2010**  
**Tons and Barrels)**

	1990	1995	2000	2001	2002	2003	2004	2005	2010
Total Energy Consumption in Standard Coal Equivalents (10,000 tons of SCE)	98,703	131,176	130,297	134,915	148,222	167,821	182,790	201,143	321,631
<u>% of total:</u>									
Coal	76.2%	74.6%	66.1%	65.3%	65.6%	67.1%	66.9%	66.8%	60.0%
Natural gas	2.1%	1.8%	2.5%	2.7%	2.6%	2.8%	2.8%	2.9%	3.0%
Hydro-power	5.1%	6.1%	6.8%	7.7%	7.8%	7.4%	7.5%	7.7%	8.0%
Crude oil	<u>16.6%</u>	<u>17.5%</u>	<u>24.6%</u>	<u>24.3%</u>	<u>24.0%</u>	<u>22.7%</u>	<u>22.8%</u>	<u>22.6%</u>	<u>29.0%</u>
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Coal	75,212	97,857	86,126	88,099	97,234	112,608	122,286	134,364	192,979
Natural gas	2,073	2,361	3,257	3,643	3,854	4,699	5,118	5,833	9,649
Hydro-power	5,034	8,002	8,860	10,388	11,561	12,419	13,709	15,488	25,730
Petroleum	<u>16,385</u>	<u>22,956</u>	<u>32,053</u>	<u>32,784</u>	<u>35,573</u>	<u>38,095</u>	<u>41,676</u>	<u>45,458</u>	<u>93,273</u>
Total	98,703	131,176	130,297	134,915	148,222	167,821	182,790	201,143	321,631
Convert from SCE to Tons:	0.70102	0.699823	0.700058	0.696613	0.69659	0.697	0.697	0.697	0.697
<u>Petroleum (10,000 tons)</u>	11,486	16,065	22,439	22,838	24,780	26,552	29,048	31,684	65,011
Output	13,831	15,005	16,300	16,396	16,700	16,900	17,200	17,300	17,800
Exports	3,110	2,454	2,172	2,047	2,139	2,000	1,850	1,750	1,550
Inventory Change	-41	-151	-1,245	-263	95	0	0	0	0
Losses, etc.	<u>-51</u>	<u>8</u>	<u>193</u>	<u>366</u>	<u>145</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>125</u>
<b>Equals imports</b>	<b>754.8</b>	<b>3,673</b>	<b>9,749</b>	<b>9,118</b>	<b>10,269</b>	<b>11,752</b>	<b>13,798</b>	<b>16,234</b>	<b>48,886</b>
Imports (000 barrels)	55,327	269,231	714,602	668,349	752,718	861,451	1,011,411	1,189,987	3,583,365
<b>Imports (million Bbl./day)</b>	<b>0.2</b>	<b>0.7</b>	<b>2.0</b>	<b>1.9</b>	<b>2.1</b>	<b>2.4</b>	<b>2.8</b>	<b>3.3</b>	<b>10.0</b>