

## Plan B 4.0 - Supporting Data for Chapters 4 and 5 - China Energy Profile

[Cumulative Installed Wind Electricity-Generating Capacity in China, 1995-2008](#)

GRAPH: Cumulative Installed Wind Electricity-Generating Capacity in China, 1995-2008

[Annual Solar Photovoltaics Production in China, 2000-2008](#)

GRAPH: Annual Solar Photovoltaics Production in China, 2000-2008

[Cumulative Installed Geothermal Electricity-Generating Capacity in China, 1990-2007](#)

[Hydroelectric Consumption in China, 1965-2008](#)

GRAPH: Hydroelectric Consumption in China, 1965-2008

[Natural Gas Consumption in China, 1965-2008](#)

GRAPH: Natural Gas Consumption in China, 1965-2008

[Oil Consumption in China, 1965-2008](#)

GRAPH: Oil Consumption in China, 1965-2008

[Coal Consumption in China, 1965-2008](#)

GRAPH: Coal Consumption in China, 1965-2008

A full listing of data for the entire book is on-line at:

[http://www.earthpolicy.org/index.php?/books/pb4/pb4\\_data](http://www.earthpolicy.org/index.php?/books/pb4/pb4_data)

This is part of a supporting dataset for Lester R. Brown, **Plan B 4.0: Mobilizing to Save Civilization** (New York: W.W. Norton & Company, 2009). For more information and a free download of the book, see Earth Policy Institute on-line at [www.earthpolicy.org](http://www.earthpolicy.org).

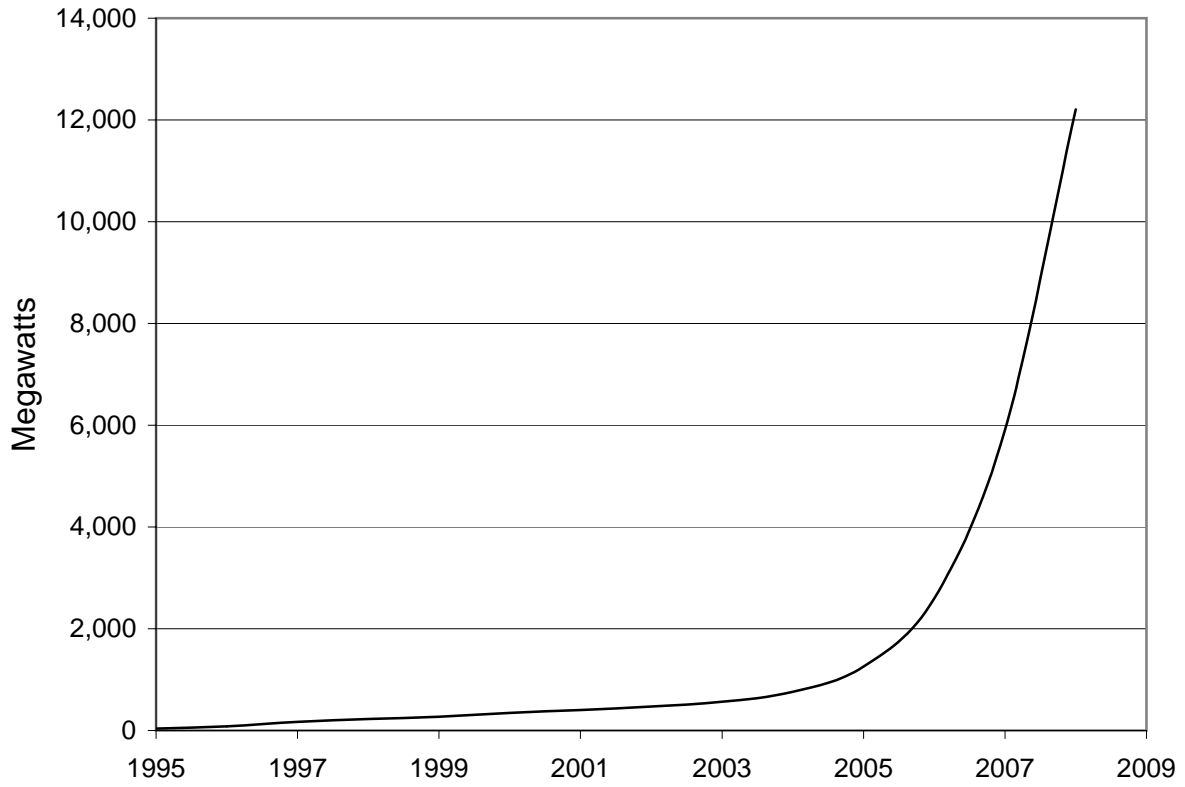
## Cumulative Installed Wind Electricity-Generating Capacity in China, 1995-2008

Year	Capacity Megawatts
1995	38
1996	79
1997	170
1998	224
1999	268
2000	346
2001	402
2002	469
2003	567
2004	764
2005	1,260
2006	2,599
2007	5,910
2008	12,210

Source: 1995-1999 from Chinese Renewable Energy Industries Association, *China Wind Power Report 2007* (Beijing: China Environmental Science Press, 2007); 2000-2008 from Global Wind Energy Council, *Global Wind 2008 Report* (Brussels: 2009).

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# Cumulative Installed Wind Electricity-Generating Capacity in China, 1995-2008



Source: CREIA; GWEC

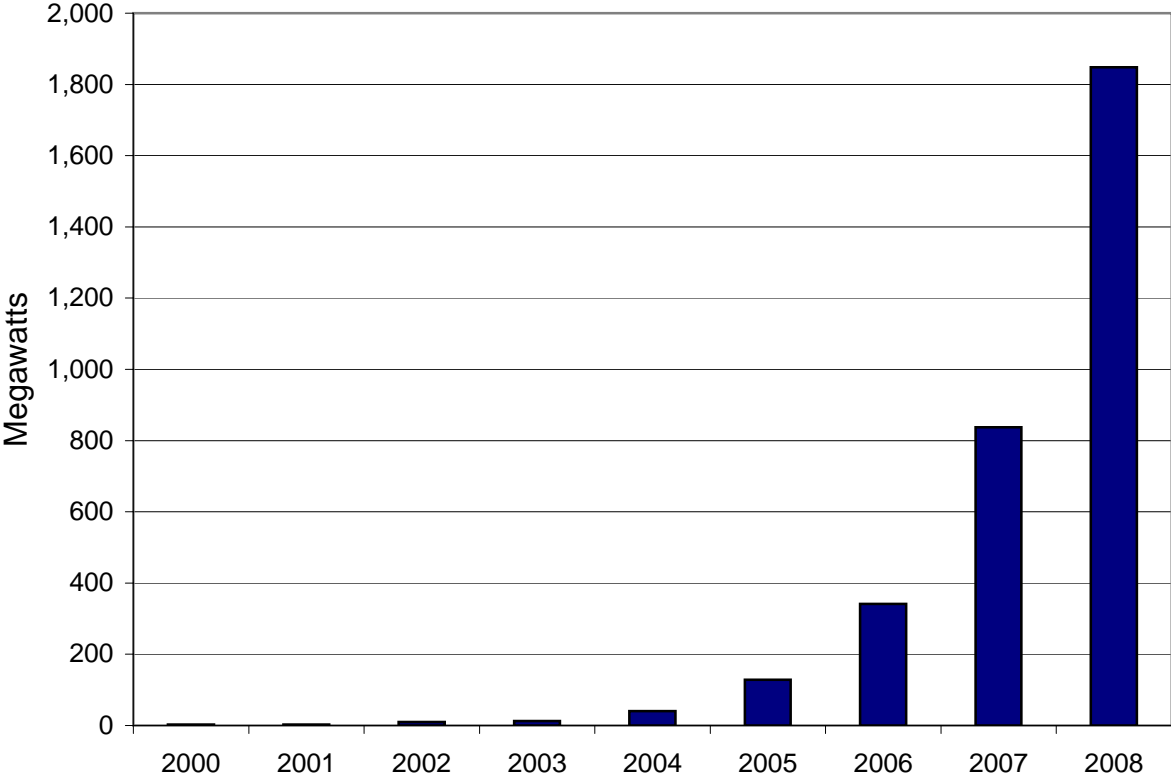
## Annual Solar Photovoltaics Production in China, 2000-2008

<u>Year</u>	<u>Production</u> Megawatts
2000	3
2001	3
2002	10
2003	13
2004	40
2005	128
2006	342
2007	838
<u>2008</u>	<u>1,848</u>

Source: 2000 data from Prometheus Institute, "23rd Annual Data Collection - Final," *PVNews*, vol. 26, no. 4 (April 2007), pp. 8-9; 2001-2008 data from Prometheus Institute and Greentech Media, "25th Annual Data Collection Results: PV Production Explodes in 2008," *PVNews*, vol. 28, no. 4 (April 2009), pp. 15-18.

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# Annual Solar Photovoltaics Production in China, 2000-2008



Source: PVNews

### Cumulative Installed Geothermal Electricity-Generating Capacity in China, 1990-2007

Year	Capacity Megawatts
1990	19.2
1995	28.8
2000	29.2
2005	27.8
2007 *	27.8

Source: Compiled by Earth Policy Institute with 1990 and 1995 from International Geothermal Association, "Installed Generating Capacity," at <http://iga.igg.cnr.it/geoworld/geoworld.php?sub=elgen>, updated 29 July 2008; 2000, 2005, and 2007 from Ruggero Bertani, "World Geothermal Generation in 2007," *GHC Bulletin*, September 2007, p. 9.

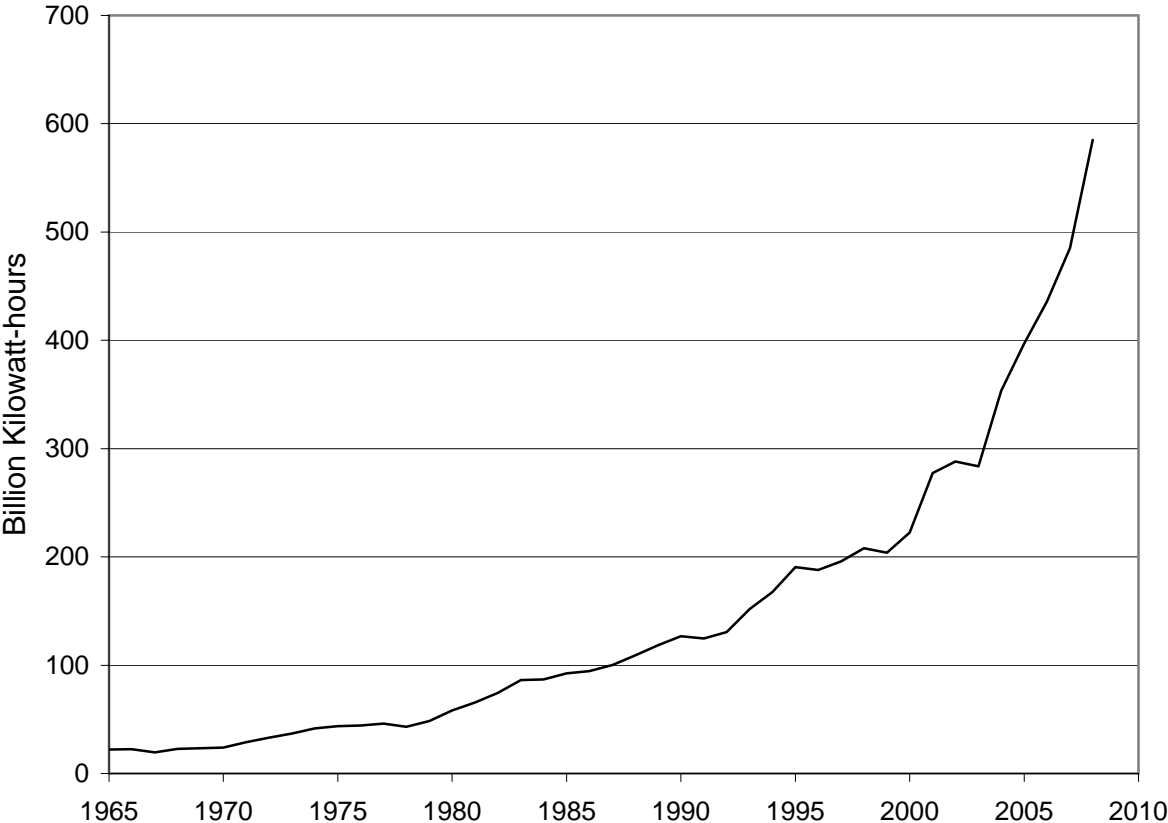
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## Hydroelectric Consumption in China, 1965-2008

Year	Consumption Billion Kilowatt-hours
1965	22
1966	22
1967	19
1968	23
1969	23
1970	24
1971	29
1972	33
1973	37
1974	42
1975	44
1976	44
1977	46
1978	43
1979	49
1980	58
1981	66
1982	74
1983	86
1984	87
1985	92
1986	95
1987	100
1988	109
1989	118
1990	127
1991	125
1992	131
1993	152
1994	167
1995	191
1996	188
1997	196
1998	208
1999	204
2000	222
2001	277
2002	288
2003	284
2004	354
2005	397
2006	436
2007	485
2008	585

Source: BP, *Statistical Review of World Energy June 2009* (London: 2009).

# Hydroelectric Consumption in China, 1965-2008



Source: BP

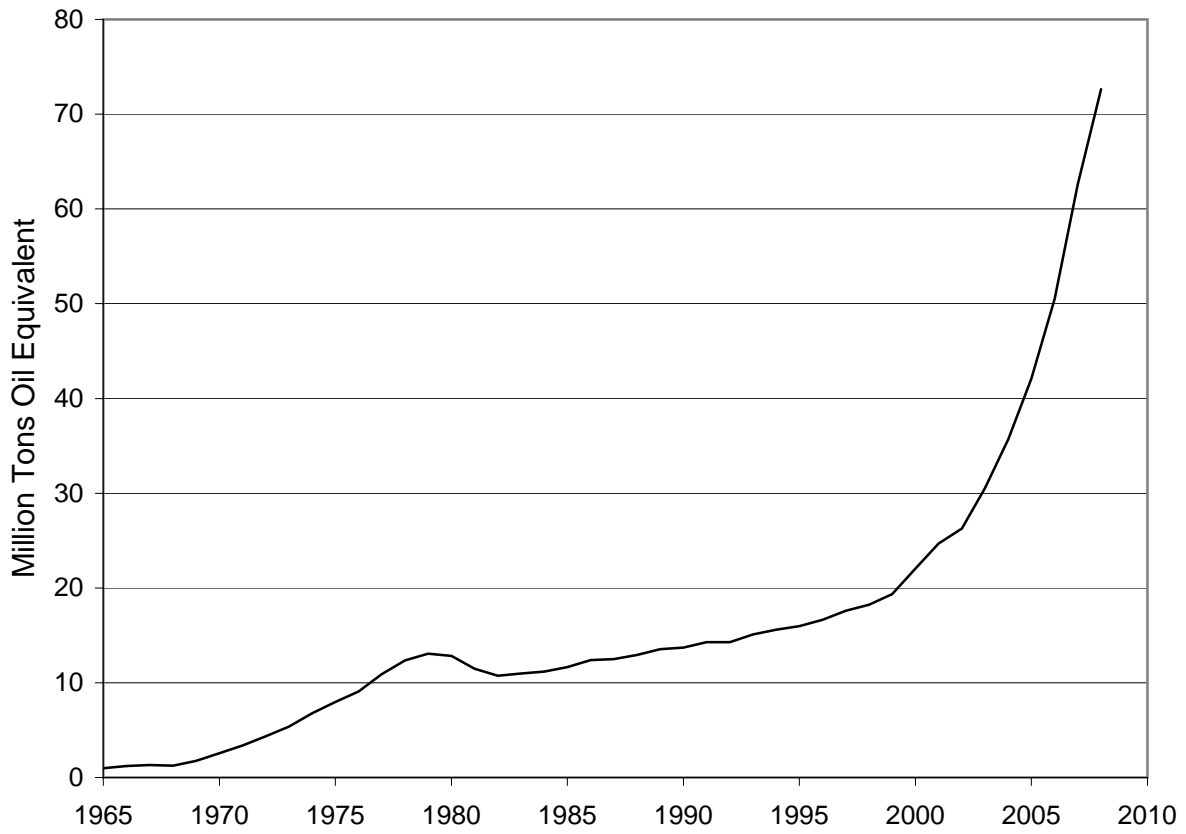


## Natural Gas Consumption in China, 1965-2008

Year	Consumption
	Million Tons Oil Equivalent
1965	1
1966	1
1967	1
1968	1
1969	2
1970	3
1971	3
1972	4
1973	5
1974	7
1975	8
1976	9
1977	11
1978	12
1979	13
1980	13
1981	11
1982	11
1983	11
1984	11
1985	12
1986	12
1987	13
1988	13
1989	14
1990	14
1991	14
1992	14
1993	15
1994	16
1995	16
1996	17
1997	18
1998	18
1999	19
2000	22
2001	25
2002	26
2003	31
2004	36
2005	42
2006	51
2007	63
2008	73

Source: BP, *Statistical Review of World Energy June 2009* (London: 2009).

## Natural Gas Consumption in China, 1965-2008



Source: BP

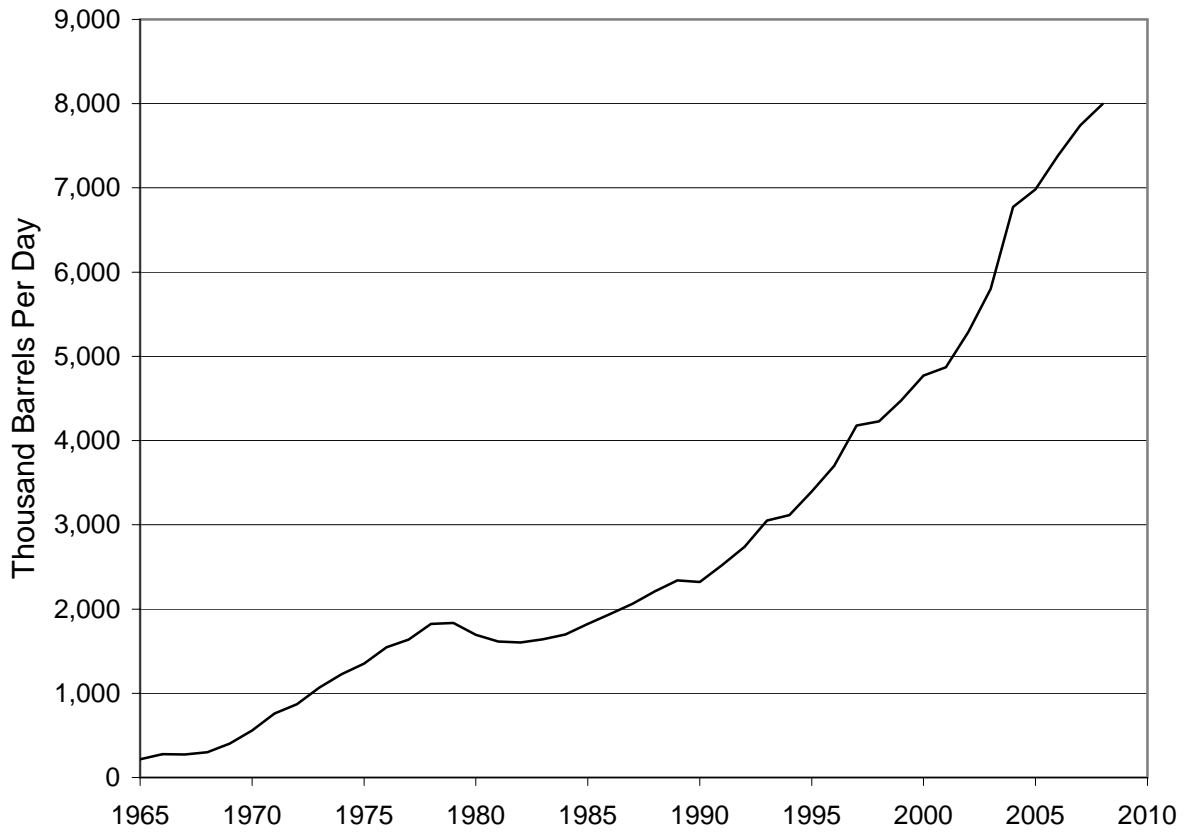
## Oil Consumption in China, 1965-2008

Year	Consumption*
	Thousand Barrels per Day
1965	217
1966	279
1967	275
1968	300
1969	404
1970	559
1971	759
1972	871
1973	1,067
1974	1,226
1975	1,353
1976	1,546
1977	1,638
1978	1,825
1979	1,833
1980	1,694
1981	1,616
1982	1,601
1983	1,642
1984	1,700
1985	1,825
1986	1,941
1987	2,062
1988	2,211
1989	2,340
1990	2,323
1991	2,524
1992	2,740
1993	3,051
1994	3,116
1995	3,395
1996	3,702
1997	4,179
1998	4,228
1999	4,477
2000	4,772
2001	4,872
2002	5,288
2003	5,803
2004	6,772
2005	6,984
2006	7,382
2007	7,742
2008	7,999

\* Includes ethanol and biodiesel.

Source: BP, *Statistical Review of World Energy June 2009* (London: 2009).

## Oil Consumption in China, 1965-2008



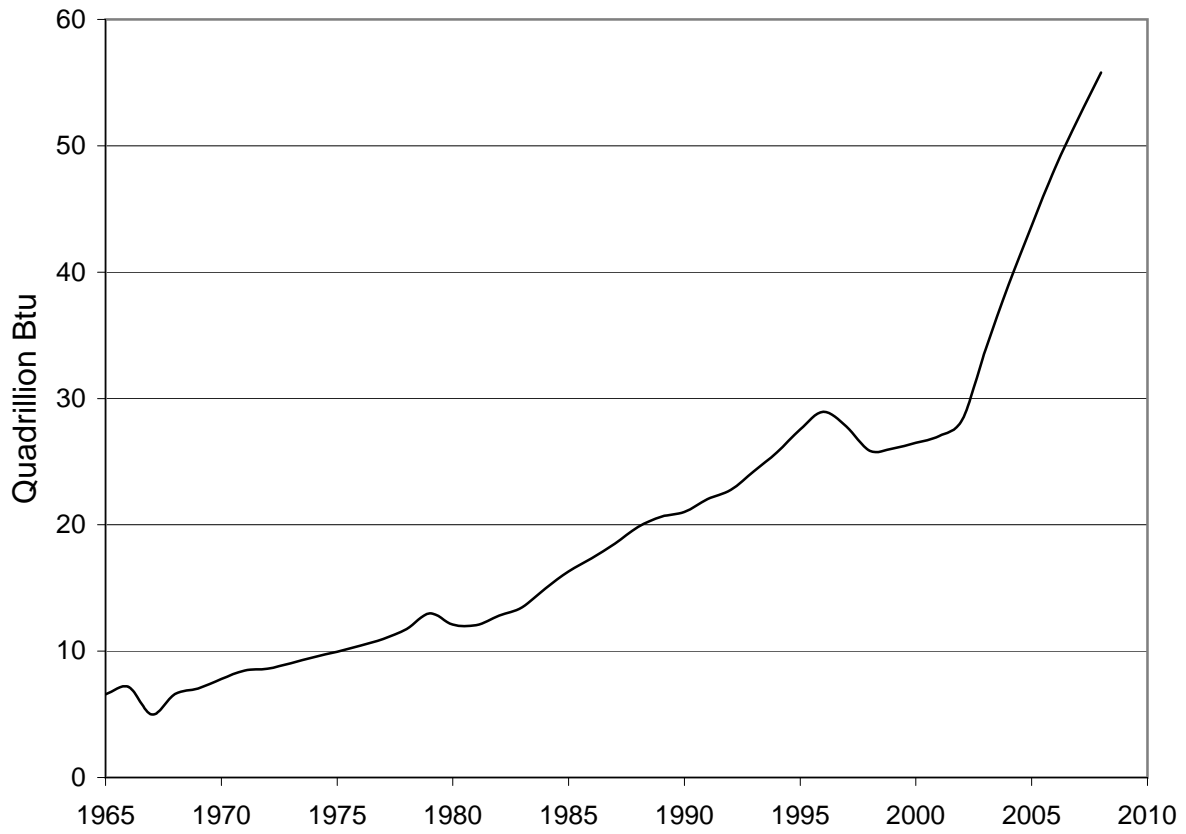
Source: BP

### Coal Consumption in China, 1965-2008

Year	Consumption Quadrillion Btu
1965	6.6
1966	7.2
1967	5.0
1968	6.6
1969	7.0
1970	7.8
1971	8.5
1972	8.6
1973	9.0
1974	9.5
1975	10.0
1976	10.4
1977	11.0
1978	11.8
1979	13.0
1980	12.1
1981	12.1
1982	12.8
1983	13.5
1984	15.0
1985	16.3
1986	17.4
1987	18.5
1988	19.8
1989	20.6
1990	21.0
1991	22.0
1992	22.8
1993	24.2
1994	25.7
1995	27.6
1996	28.9
1997	27.8
1998	25.9
1999	26.0
2000	26.5
2001	27.0
2002	28.3
2003	33.9
2004	39.0
2005	43.7
2006	48.2
2007	52.1
2008	55.8

Source: BP, *Statistical Review of World Energy June 2009* (London: 2009).

## Coal Consumption in China, 1965-2008



Source: BP