

HIGHLIGHTS

9. World Production and Consumption of Crude Oil & Natural Gas

9.1 Production and consumption of crude oil

The total estimated production of crude oil in the world has increased from about 3870 MT in 2004-05 to about 3935 MT during 2008-09, and decreased to 3820 MT during 2009-10 (Table 9.1). The production decreased by 2.9% from 2008-09 to 2009-10. Geographical distribution of total world production during 2009-10 across major regions reveals that Middle East accounted for the highest share (30.3%), followed by Europe & Eurasia (22%), North America (16%), Africa (12%), Asia Pacific (10%) and South & Central America (9%). Distribution of total world production according to countries shows that Russian Federation and Saudi Arabia were the first and second highest producers with 12.9% and 12%, respectively. They were followed by USA (8.5%), Iran (5.3%), China (4.9%), Canada (4.1%), Mexico (3.9%), Venezuela (3.3%) United Arab Emirates, Kuwait and Iran (3.2% each). India accounted for only 0.9% of the world production.

A notable feature of world production of crude oil during 2009-10 is that three regions (Middle East, Africa and Asia Pacific) experienced negative growth rates and three other regions experienced positive growth rates over 2008-09. The production increased by 1.3% in North America, by 0.5% in Europe and Eurasia and by 0.9% in South and Central America. Decrease in growth rate was maximum in Middle East (7.6%), followed by Africa (5.4%) and Asia Pacific (2.1%). The decrease of growth in these three regions reflects the decrease in the total world production of crude oil by 2.9%.

The growth rate of Crude oil consumption from 2008-09 to 2009-10 increased in the Middle East (3.5%), followed by African countries (0.8%) and Asia Pacific (0.7%). Only there was a decrease in consumption in other regions of the world.

Major region-wise consumption shows that Asia Pacific accounted for the highest share (31%) of total world consumption, followed by North America (26%), and Europe & Eurasia (24%). African countries accounted for the lowest share in the world consumption (3.7%). Country-wise distribution of consumption reveals that the United States was the largest consumer of crude oil, consuming 21.7% of the world consumption during 2009-10. China was the second largest consumer (10.4%), followed by Japan (5.1%), India (3.8%) and Russian federation (3.2%). India was, thus, the fourth largest consumer of crude oil in the world and the third largest crude oil consumer in the Asia-Pacific region after China and Japan.

9.2 Production and Consumption of Natural Gas

The total world production of Natural Gas increased from 2431 million tone oil equivalent(Mtoe) in 2004-05 to 2696 Mtoe in 2009-10. The production has decreased by 2.4% from 2008-09 to 2009-10(Table 9.3). Distribution of production of natural gas over major regions shows that Europe & Eurasia (33%) and North America (27%) are the highest and the second highest producers, together accounting for 60% of the total world production. Country-wise, USA was the largest producer of natural gas (20%) in the world during 2009-10, followed by the Russian Federation (17.6%) and Canada (5.4%). India's share in the total world production of natural gas during 2008-09 was only 1.3% (35.3 Mtoe).

The growth in production of natural gas from 2008-09 to 2009-10 was highest in Middle East (6.2%), followed by Asia Pacific (4.9%), North America (1.3%). Other regions showed a decline in growth rates highest decline was in Europe & Eurasia (10.4%), Africa (4.9%) and South and Central America (3.5%).

The total world consumption of natural gas has increased from 2420 Mtoe in 2004-05 to 2653 Mtoe in 2009-10 (Table 9.4). The world consumption of natural gas decreased by 2.4% from 2008-09 to 2009-10.

While United States was the largest consumer of natural gas, consuming 22% of the world consumption during 2009-10, Europe & Eurasia accounted for 35.9% of the total world consumption. Country-wise distribution of consumption of natural gas indicates that USA was the largest consumer (22%), followed by Russian federation (13.2%). India with a consumption of 46.7 Mtoe accounted for only 1.8% of total world consumption.

The growth rate of consumption from 2008-09 to 2009-10 was the highest in the Middle East (4.1%), followed by Asia Pacific (3.2%). However, there was a decrease in the consumption for Europe & Eurasia (7.0%), South and Central America (4.5%), Africa (2.2%) and North America (1.4%) from 2008-09 to 2009-10.

Table 9.1: Country-wise Estimates of Production of Crude Oil*

(Million tonnes)

Country/ Region	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Change 2009-10 over 2008-09	2009-10 % Share of World's Total Production
North America								
USA	329.2	313.3	310.2	309.8	304.9	325.3	6.7	8.5
Canada	147.6	144.9	153.4	159.5	157.7	155.7	-1.3	4.1
Mexico	190.7	187.1	183.1	172.7	157.7	147.5	-6.5	3.9
Total North America	667.4	645.3	646.7	642.0	620.4	628.5	1.3	16.4
South and Central America								
Argentina	37.8	36.2	35.8	34.9	34.1	33.8	-1.0	0.9
Brazil	76.5	84.6	89.2	90.4	93.9	100.4	6.8	2.6
Colombia	27.3	27.3	27.5	27.6	30.5	34.1	11.9	0.9
Ecuador	27.3	27.6	27.7	26.5	26.2	25.2	-3.9	0.7
Peru	4.4	5.0	5.1	5.1	5.3	6.4	20.7	0.2
Trinidad & Tobago	7.3	8.3	8.3	7.2	6.9	6.8	-0.9	0.2
Venezuela	150.0	151.0	144.2	133.9	131.5	124.8	-5.1	3.3
Other S. & Cent. America	7.3	7.2	7.1	7.2	7.1	7.1	0.2	0.2
Total S. & Cent. America	337.9	347.1	345.0	332.7	335.5	338.5	0.9	8.9
Europe and Eurasia								
Azerbaijan	15.6	22.4	32.5	42.8	44.7	50.6	13.2	1.3
Denmark	19.1	18.4	16.7	15.2	14.0	12.9	-8.2	0.3
Italy	5.5	6.1	5.8	5.9	5.2	4.6	-12.7	0.1
Kazakhstan	60.6	62.6	66.1	68.4	72.0	78.0	8.2	2.0
Norway	149.9	138.2	128.7	118.6	114.1	108.3	-5.0	2.8
Romania	5.7	5.4	5.0	4.7	4.7	4.5	-5.7	0.1
Russian Federation	458.8	470.0	480.5	491.3	488.5	494.2	1.2	12.9
Turkmenistan	9.6	9.5	9.2	9.8	10.2	10.2	0.0	0.3
United Kingdom	95.4	84.7	76.6	76.8	71.7	68.0	-5.1	1.8
Uzbekistan	6.6	5.4	5.4	4.9	4.8	4.5	-6.8	0.1
Other Europe & Eurasia	23.4	21.9	21.5	21.3	20.2	19.0	-5.9	0.5
Total Europe & Eurasia	850.1	844.8	847.9	859.7	850.2	854.8	0.5	22.4
Middle East								
Iran	207.8	206.3	208.2	209.7	209.9	202.4	-3.6	5.3
Iraq	100.0	90.0	98.1	105.2	119.3	121.8	2.1	3.2
Kuwait	122.3	129.3	132.7	129.9	137.2	121.3	-11.6	3.2
Oman	38.1	37.4	35.7	34.5	35.9	38.5	7.1	1.0
Qatar	46.0	47.3	50.9	53.6	60.8	57.9	-4.9	1.5
Saudi Arabia	506.0	526.8	514.3	494.2	515.3	459.5	-10.8	12.0
Syria	24.7	22.4	21.6	20.6	19.8	18.7	-5.8	0.5
United Arab Emirates	125.1	129.0	139.0	135.1	137.3	120.6	-12.2	3.2
Yemen	19.9	19.6	17.9	16.3	14.4	14.0	-2.2	0.4
Other Middle East	2.2	1.6	1.4	1.6	1.5	1.7	13.4	^
Total Middle East	1192.3	1209.6	1220.0	1200.8	1251.5	1156.4	-7.6	30.3

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Table 9.1(Contd.):Country-wise Estimates of Production of Crude Oil*

Country/ Region							(Million tonnes)	
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Change 2009-10 over 2008-09	2009-10 % Share of World's Total Production
Africa								
Algeria	83.6	86.5	86.2	86.5	85.5	77.7	-9.1	2.0
Angola	54.5	69.0	69.6	82.5	92.2	87.4	-5.2	2.3
Cameroon	4.5	4.2	4.4	4.2	4.3	3.7	-13.1	0.1
Chad	8.8	9.1	8.0	7.5	6.7	6.2	-7.5	0.2
Rep. of Congo (Brazzaville)	11.2	12.7	13.5	11.5	12.9	14.1	9.7	0.4
Egypt	35.4	33.9	33.7	34.1	34.6	35.3	1.8	0.9
Equatorial Guinea	17.2	18.6	18.0	18.6	17.4	15.2	-12.5	0.4
Gabon	11.8	11.7	11.7	11.5	11.8	11.4	-2.8	0.3
Libya	76.5	81.9	84.9	85.0	85.3	77.1	-9.6	2.0
Nigeria	119.0	122.1	117.8	112.1	103.1	99.1	-3.9	2.6
Sudan	14.9	15.0	16.3	23.1	23.7	24.1	1.8	0.6
Tunisia	3.4	3.4	3.3	4.6	4.2	4.1	-3.7	0.1
Other Africa	3.6	3.5	3.2	4.2	3.9	3.9	-0.3	0.1
Total Africa	444.3	471.6	470.7	485.3	485.6	459.3	-5.4	12.0
Asia Pacific								
Australia	24.8	24.5	23.4	24.1	23.8	23.6	-0.6	0.6
Brunei	10.3	10.1	10.8	9.5	8.5	8.2	-4.1	0.2
China	174.1	180.8	183.7	186.7	195.1	189.0	-3.1	4.9
India	36.3	34.6	35.8	36.1	36.1	35.4	-2.1	0.9
Indonesia	55.2	53.0	49.9	47.4	49.9	49.0	-1.9	1.3
Malaysia	36.5	34.4	33.5	34.2	34.6	33.2	-4.0	0.9
Thailand	9.1	10.8	11.8	12.5	13.3	13.6	2.9	0.4
Vietnam	20.8	19.4	17.8	16.4	15.4	16.8	8.7	0.4
Other Asia Pacific	10.5	12.5	13.2	13.9	14.7	14.2	-3.4	0.4
Total Asia Pacific	377.6	380.1	379.8	380.8	391.5	383.1	-2.1	10.2
TOTAL WORLD	3869.7	3898.6	3910.0	3901.4	3934.7	3820.5	-2.9	100.0
OPEC	1039.5	1174.6	1274.5	1371.2	1556.2	1544.5	13.5	40.7
Non-OPEC	774.6	829.0	842.9	867.1	883.8	873.7	1.9	23.1
Former Soviet Union	328.3	353.0	377.0	400.4	429.0	458.9	7.1	11.2

* Includes crude oil, shale oil, oil sands and NGLs (the liquid content of natural gas where this is recovered separately). Excludes liquid fuels from other sources such as biomass & coal derivatives.

^ Less than 0.05.

Note: Annual changes and shares of total are calculated using million tonnes per annum figures.

Source : Ministry of Petroleum & Natural Gas.

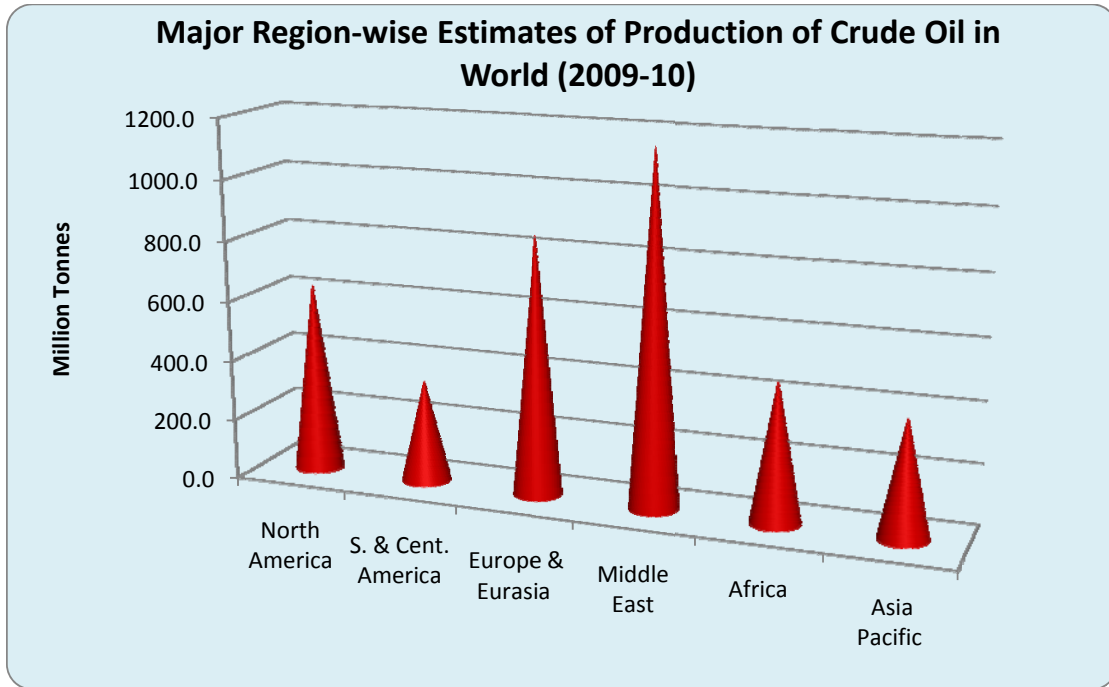


Figure 9.1

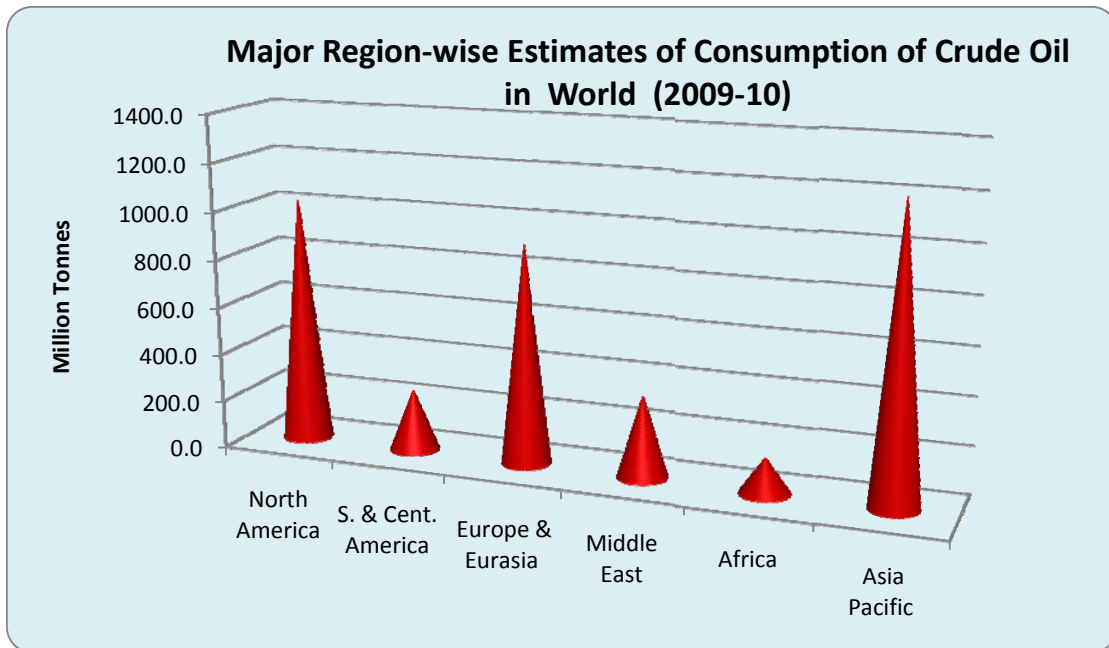


Figure 9.2

Table 9.2 : COUNTRY-WISE ESTIMATES OF CONSUMPTION OF CRUDE OIL*

Country/ Region	(Million tonnes)						Change 2009-10 over 2008-09	2009-10 % Share of World's Total Consumption
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10		
North America								
US	948.8	951.4	943.8	942.3	888.5	842.9	-5.1	21.7
Canada	100.6	100.3	99.6	102.8	101.7	97.0	-4.6	2.5
Mexico	85.2	87.7	86.8	89.4	88.9	85.6	-3.7	2.2
Total North America	1134.6	1139.4	1130.2	1134.5	1079.0	1025.5	-5.0	26.4
South and Central America								
Argentina	18.4	19.7	20.5	23.0	23.8	22.3	-6.3	0.6
Brazil	88.4	89.5	92.1	99.0	104.8	104.3	-0.5	2.7
Chile	11.1	11.7	12.3	16.1	16.7	15.4	-7.8	0.4
Colombia	9.7	10.3	10.7	10.4	9.1	8.8	-3.3	0.2
Ecuador	6.3	7.5	8.2	8.9	9.4	9.9	5.3	0.3
Peru	7.2	7.0	6.8	7.1	7.9	8.5	7.6	0.2
Venezuela	24.2	25.9	27.4	26.7	27.2	27.4	0.7	0.7
Other S. & Cent. America	58.7	58.8	60.4	61.2	60.0	59.4	-1.0	1.5
Total S. & Cent. America	223.9	230.5	238.3	252.4	258.8	256.0	-1.1	6.6
Europe and Eurasia								
Austria	13.8	14.2	14.2	13.4	13.5	13.0	-3.7	0.3
Azerbaijan	4.6	5.3	4.8	4.5	3.5	2.8	-20.0	0.1
Belarus	7.4	7.1	8.0	7.3	8.4	9.3	10.7	0.2
Belgium & Luxembourg	38.4	39.9	41.1	41.0	40.1	38.5	-4.0	1.0
Bulgaria	4.7	4.9	5.2	5.1	4.6	4.4	-4.3	0.1
Czech Republic	9.5	9.9	9.8	9.7	9.9	9.7	-2.0	0.2
Denmark	9.1	9.2	9.3	9.3	8.9	8.2	-7.9	0.2
Finland	10.6	11.0	10.6	10.6	10.5	9.9	-5.7	0.3
France	94.0	93.1	93.0	91.4	90.8	87.5	-3.6	2.3
Germany	124.0	122.4	123.6	112.5	118.9	113.9	-4.2	2.9
Greece	21.4	21.2	22.2	21.7	21.4	20.2	-5.6	0.5
Hungary	6.5	7.5	7.8	7.7	7.5	7.3	-2.7	0.2
Iceland	1.0	1.0	1.0	1.2	1.0	1.0	0.0	^
Republic of Ireland	8.9	9.3	9.3	9.4	9.0	8.0	-11.1	0.2
Italy	89.7	86.7	86.7	84.0	80.4	75.1	-6.6	1.9
Kazakhstan	10.8	11.0	11.4	11.5	12.4	12.0	-3.2	0.3
Lithuania	2.6	2.8	2.8	2.8	3.1	2.9	-6.5	0.1
Netherlands	47.3	50.8	52.2	53.8	51.4	49.4	-3.9	1.3
Norway	9.6	9.7	10.0	10.2	9.9	9.7	-2.0	0.2
Poland	21.1	21.9	23.3	24.2	25.3	25.5	0.8	0.7
Portugal	15.4	16.0	14.4	14.4	13.6	12.9	-5.1	0.3
Romania	10.9	10.5	10.3	10.3	10.4	9.9	-4.8	0.3
Russian Federation	123.3	121.9	127.1	126.3	131.6	124.9	-5.1	3.2
Slovakia	3.2	3.8	4.0	4.1	4.3	3.9	-9.3	0.1
Spain	77.6	78.8	78.1	78.8	77.1	72.9	-5.4	1.9
Sweden	15.3	15.1	15.5	14.7	14.5	13.7	-5.5	0.4
Switzerland	12.0	12.2	12.6	11.3	12.1	12.3	1.7	0.3
Turkey	31.0	30.2	29.5	30.5	30.9	28.8	-6.8	0.7
Turkmenistan	4.2	4.4	5.3	5.0	5.2	5.2	0.0	0.1
Ukraine	14.2	13.5	14.1	15.5	15.3	14.1	-7.8	0.4
United Kingdom	81.7	83.0	82.3	79.2	77.9	74.4	-4.5	1.9
Uzbekistan	6.5	5.3	5.0	4.8	4.9	4.9	0.0	0.1
Other Europe & Eurasia	24.1	25.8	26.3	27.7	28.3	27.6	-2.5	0.7
Total Europe & Eurasia	954.5	959.6	970.4	954.0	956.7	913.9	-4.5	23.5

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Table 9.2(Contd.) : COUNTRY-WISE ESTIMATES OF CONSUMPTION OF CRUDE OIL

Country/ Region	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	(Million tonnes)	
							Change 2009-10 over 2008-09	2009-10 % Share of World's Total Consumption
Middle East								
Iran	73.7	77.3	80.8	80.9	84.9	83.6	-1.5	2.2
Kuwait	15.7	17.3	15.8	16.0	17.5	19.2	9.7	0.5
Qatar	4.6	5.5	6.1	6.9	7.8	8.2	5.1	0.2
Saudi Arabia	87.0	91.4	95.6	102.5	111.3	121.8	9.4	3.1
United Arab Emirates	17.7	19.0	20.3	21.6	23.0	21.8	-5.2	0.6
Other Middle East	69.7	71.8	75.6	77.4	80.2	81.7	1.9	2.1
Total Middle East	268.4	282.3	294.2	305.3	324.8	336.3	3.5	8.7
Africa								
Algeria	10.6	11.0	11.5	12.9	14.0	14.9	6.4	0.4
Egypt	26.8	29.8	28.7	30.6	32.6	33.7	3.4	0.9
South Africa	24.4	24.3	24.9	25.9	25.1	24.3	-3.2	0.6
Other Africa	64.5	66.2	65.4	67.9	71.2	71.2	0.0	1.8
Total Africa	126.3	131.4	130.5	137.3	143.0	144.2	0.8	3.7
Asia Pacific								
Australia	38.8	39.8	41.4	41.7	42.5	42.7	0.5	1.1
Bangladesh	4.0	4.6	4.5	4.5	4.5	4.5	0.0	0.1
China	318.9	327.8	347.7	364.4	380.3	404.6	6.4	10.4
China Hong Kong SAR	15.4	13.9	14.9	16.0	14.5	14.0	-3.4	0.4
India	120.2	119.6	120.4	132.9	143.6	148.5	3.4	3.8
Indonesia	61.6	61.4	59.5	60.3	61.9	62.0	0.2	1.6
Japan	241.1	244.1	237.5	229.3	221.9	197.6	-11.0	5.1
Malaysia	22.4	21.5	21.0	22.0	21.8	21.4	-1.8	0.6
New Zealand	6.9	7.1	7.2	7.2	7.3	6.8	-6.8	0.2
Pakistan	16.0	15.3	17.6	19.2	19.3	20.6	6.7	0.5
Philippines	15.9	14.8	13.3	14.0	12.2	12.1	-0.8	0.3
Singapore	38.1	40.9	44.0	47.4	50.4	52.1	3.4	1.3
South Korea	104.9	105.4	105.5	108.3	103.1	104.3	1.2	2.7
Taiwan	51.3	51.3	51.7	52.5	48.3	46.6	-3.5	1.2
Thailand	45.3	46.9	46.2	45.1	43.6	44.2	1.4	1.1
Other Asia Pacific	19.6	20.2	20.2	21.4	22.3	24.1	8.1	0.6
Total Asia Pacific	1120.4	1134.6	1152.5	1186.2	1197.5	1206.2	0.7	31.1
TOTAL WORLD	3828.1	3877.8	3916.2	3969.5	3959.9	3882.1	-2.0	100.0

Notes: Growth rates are adjusted for leap years.

* Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of fuel ethanol and biodie: ^ Less than 0.05.

Differences between these world consumption figures and world production statistics are accounted for by stock changes, consumption of non-petroleum additives and substitute fuels, and unavoidable disparities in the definition, measurement or conversion of oil supply and demand data.

Source : Ministry of Petroleum & Natural Gas.

Table 9.3: Country-wise Estimates of Production of Natural Gas*

Country/ Region	(Million tonnes oil equivalent)						Change	2009-10
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2009-10 over 2008-09	% Share of World's Total Production
North America								
USA	480.7	467.6	479.3	499.6	525.0	541.8	3.2	20.1
Canada	165.3	168.7	169.6	165.7	156.1	145.3	-6.9	5.4
Mexico	38.4	40.5	46.4	48.6	48.6	52.4	7.8	1.9
Total North America	684.4	676.8	695.3	713.9	729.7	739.4	1.3	27.4
South and Central America								
Argentina	40.4	41.1	41.5	40.3	39.7	37.2	-6.1	1.4
Bolivia	8.8	10.7	11.6	12.4	12.9	11.0	-14.2	0.4
Brazil	9.9	9.9	10.2	10.2	12.6	10.7	-15.2	0.4
Colombia	5.7	6.0	6.3	6.8	8.2	9.5	16.0	0.4
Trinidad & Tobago	24.6	27.9	32.8	35.1	35.4	36.5	3.3	1.4
Venezuela	25.6	24.7	28.3	28.8	26.3	25.1	-4.3	0.9
Other S. & Cent. America	3.6	4.5	5.2	5.9	6.4	6.3	-1.3	0.2
Total S. & Cent. America	118.6	124.8	136.0	139.6	141.4	136.4	-3.5	5.1
Europe and Euroasia								
Azerbaijan	4.1	4.7	5.5	8.8	13.3	13.3	-0.1	0.5
Denmark	8.5	9.4	9.4	8.3	9.1	7.6	-16.5	0.3
Germany	14.7	14.2	14.1	12.9	11.7	11.0	-6.5	0.4
Italy	10.7	10.0	9.1	8.0	7.6	6.7	-12.3	0.2
Kazakhstan	18.0	20.3	21.5	24.1	26.8	29.0	8.3	1.1
Netherlands	61.6	56.3	55.4	54.5	60.0	56.4	-5.9	2.1
Norway	70.6	76.5	78.9	80.7	89.3	93.1	4.3	3.5
Poland	3.9	3.9	3.9	3.9	3.7	3.7	0.0	0.1
Romania	11.5	11.2	10.7	10.4	10.2	9.8	-4.5	0.4
Russian Federation	516.0	522.1	535.6	532.8	541.5	474.8	-12.3	17.6
Turkmenistan	47.5	51.3	54.3	58.9	59.5	32.7	-44.9	1.2
Ukraine	16.5	16.7	16.9	16.9	17.1	17.3	1.4	0.6
United Kingdom	86.7	79.4	72.0	64.9	62.7	53.7	-14.3	2.0
Uzbekistan	48.8	48.6	49.0	53.2	56.0	58.0	3.6	2.2
Other Europe & Eurasia	9.9	9.7	10.3	9.7	9.2	8.6	-7.1	0.3
Total Europe & Eurasia	929.0	934.2	946.5	947.9	977.7	875.7	-10.4	32.5
Middle East								
Bahrain	8.8	9.6	10.2	10.6	11.4	11.5	1.0	0.4
Iran	76.4	93.2	97.7	100.7	104.7	118.1	12.8	4.4
Kuwait	10.7	11.0	11.3	10.9	11.5	11.3	-2.0	0.4
Oman	16.7	17.8	21.3	21.6	21.7	22.3	2.9	0.8
Qatar	35.3	41.2	45.6	56.9	69.3	80.4	16.0	3.0
Saudi Arabia	59.1	64.1	66.2	67.0	72.4	69.7	-3.7	2.6
Syria	5.8	4.9	5.1	5.0	4.9	5.2	5.9	0.2
United Arab Emirates	41.7	43.0	44.1	45.3	45.2	44.0	-2.8	1.6
Other Middle East	2.3	3.1	3.7	3.7	4.0	4.1	1.0	0.2
Total Middle East	256.6	287.9	305.2	321.7	345.0	366.4	6.2	13.6

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Table 9.3(Contd.): Country-wise Estimates of Production of Natural Gas*

(Million tonnes oil equivalent)

Country/ Region	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Change 2009-10 over 2008-09	2009-10 % Share of World's Total Production
Africa								
Algeria	73.8	79.4	76.0	76.3	77.2	73.3	-5.1	2.7
Egypt	29.7	38.3	49.2	50.1	53.1	56.4	6.3	2.1
Libya	7.3	10.2	11.9	13.8	14.3	13.8	-3.8	0.5
Nigeria	20.5	20.2	25.6	31.5	31.5	22.4	-28.9	0.8
Other Africa	8.4	10.1	10.6	13.0	16.7	17.6	5.3	0.7
Total Africa	139.6	158.1	173.4	184.7	192.8	183.5	-4.9	6.8
Asia Pacific								
Australia	31.7	33.4	35.0	36.0	34.4	38.1	10.7	1.4
Bangladesh	11.9	13.1	13.8	14.6	16.1	17.8	10.3	0.7
Brunei	11.0	10.8	11.3	11.0	10.9	10.3	-6.1	0.4
China	37.3	44.4	52.7	62.3	72.3	76.7	6.1	2.8
India	26.3	26.7	26.4	27.1	27.5	35.3	28.6	1.3
Indonesia	63.3	64.1	63.2	60.9	62.7	64.7	3.3	2.4
Malaysia	48.5	55.0	57.0	58.1	58.5	56.4	-3.5	2.1
Myanmar	9.2	11.0	11.3	12.2	11.2	10.4	-6.9	0.4
New Zealand	3.5	3.2	3.3	3.6	3.4	3.6	4.1	0.1
Pakistan	31.0	32.0	32.5	33.1	33.8	34.1	1.1	1.3
Thailand	20.1	21.3	21.9	23.4	25.9	27.8	7.3	1.0
Vietnam	3.7	6.2	6.1	6.4	7.1	7.2	0.8	0.3
Other Asia Pacific	5.6	6.3	9.1	11.2	12.3	12.2	-0.7	0.5
Total Asia Pacific	303.2	327.4	343.6	360.0	376.1	394.6	4.9	14.6
TOTAL WORLD	2431.4	2509.1	2600.0	2667.8	2762.7	2696.0	-2.4	100.0

* Excluding gas flared or recycled.

Source : Ministry of Petroleum & Natural Gas.

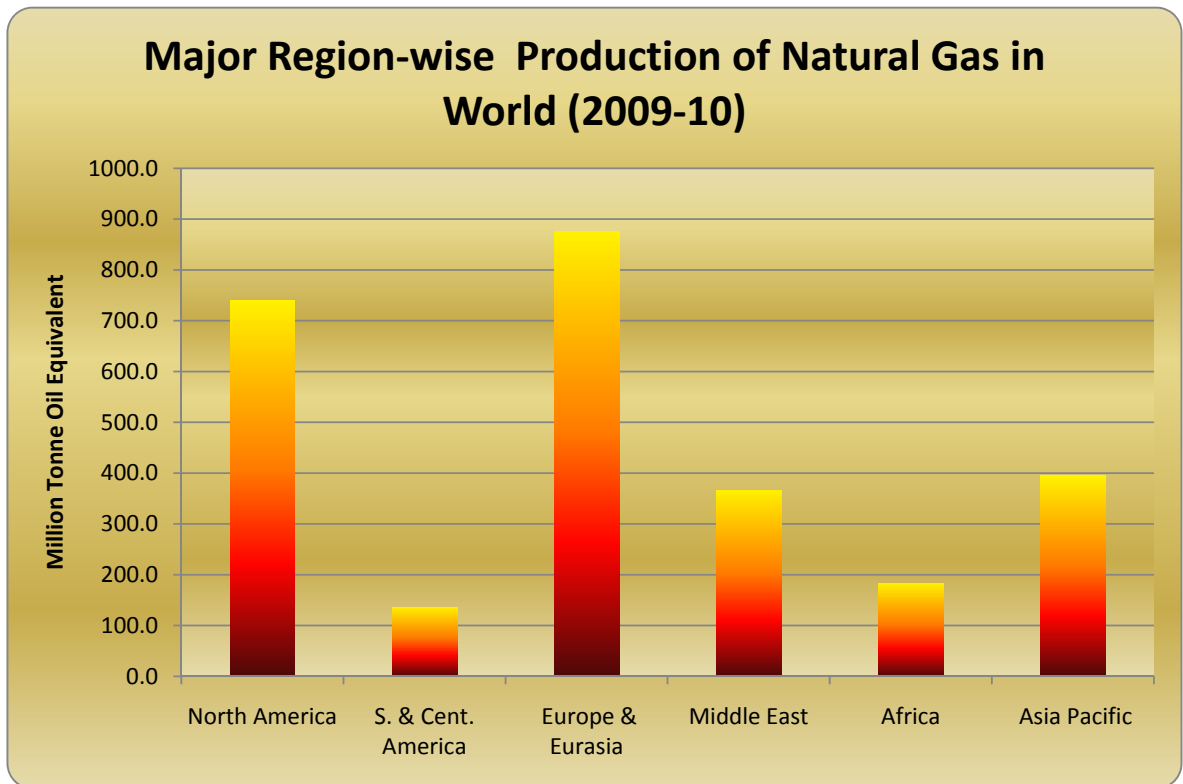


Figure 9.3

Table 9.4 : Country-wise Estimates of Consumption of Natural Gas

Country/ Region	(Million tonnes oil equivalent)						Change	2009-10
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2009-10 over 2008-09	% Share of World's Total Consumption
North America								
USA	577.3	568.5	560.0	597.3	599.5	588.7	-1.8	22.2
Canada	85.6	88.3	87.3	87.0	88.4	85.2	-3.6	3.2
Mexico	48.0	48.0	54.8	56.8	59.4	62.7	5.4	2.4
Total North America	710.9	704.8	702.1	741.1	747.4	736.6	-1.4	27.8
South and Central America								
Argentina	34.1	36.4	37.6	39.5	40.0	38.8	-2.9	1.5
Brazil	16.8	17.4	18.5	19.8	22.7	18.3	-19.4	0.7
Chile	7.8	7.5	7.0	4.1	2.4	3.0	25.5	0.1
Colombia	5.7	6.0	6.3	6.7	6.8	7.8	15.2	0.3
Ecuador	0.3	0.3	0.7	0.5	0.4	0.4	9.3	0.0
Peru	0.8	1.4	1.6	2.4	3.1	3.1	2.3	0.1
Venezuela	25.6	24.7	28.3	28.9	27.6	26.8	-3.1	1.0
Other S. & Cent. America	14.7	16.6	21.7	22.3	24.0	22.9	-4.4	0.9
Total S. & Cent. America	105.7	110.3	121.7	124.2	126.9	121.2	-4.5	4.6
Europe and Eurasia								
Austria	8.5	9.0	8.5	8.0	8.6	8.4	-2.4	0.3
Azerbaijan	7.5	7.7	8.2	7.2	8.2	6.9	-16.2	0.3
Belarus	16.1	16.5	17.1	17.0	17.3	14.5	-16.2	0.5
Belgium & Luxembourg	14.9	14.9	15.3	15.2	15.3	15.6	1.8	0.6
Bulgaria	2.5	2.8	2.9	3.0	3.0	2.2	-25.3	0.1
Czech Republic	8.2	8.6	8.4	7.8	7.8	7.4	-5.8	0.3
Denmark	4.7	4.5	4.6	4.1	4.1	4.0	-3.9	0.1
Finland	3.9	3.6	3.8	3.5	3.6	3.2	-10.8	0.1
France	40.5	39.6	37.9	38.2	39.4	38.4	-2.7	1.4
Germany	77.3	77.6	78.5	74.6	73.1	70.2	-4.0	2.6
Greece	2.4	2.5	2.9	3.6	3.8	3.0	-19.9	0.1
Hungary	11.7	12.1	11.5	10.7	10.6	9.1	-14.5	0.3
Republic of Ireland	3.7	3.5	4.0	4.3	4.5	4.3	-4.1	0.2
Italy	66.5	71.2	69.7	70.0	70.0	64.5	-8.0	2.4
Kazakhstan	13.4	16.9	18.2	17.5	18.1	17.7	-2.4	0.7
Lithuania	2.8	2.9	2.9	3.3	2.9	2.5	-16.0	0.1
Netherlands	36.8	35.3	34.3	33.3	34.7	35.0	0.8	1.3
Norway	4.1	4.0	4.0	3.8	3.9	3.7	-5.1	0.1
Poland	11.8	12.3	12.3	12.3	12.5	12.3	-1.5	0.5
Portugal	3.4	3.8	3.7	3.9	4.2	3.9	-8.1	0.1
Romania	15.7	15.8	16.3	14.5	14.4	12.2	-15.1	0.5
Russian Federation	354.7	360.2	367.7	379.9	374.4	350.7	-6.3	13.2
Slovakia	5.5	5.9	5.4	5.1	5.2	5.1	-2.2	0.2
Spain	24.7	29.1	30.3	31.6	34.8	31.1	-10.6	1.2
Sweden	0.7	0.7	0.8	0.9	0.8	1.0	22.6	0.0
Switzerland	2.7	2.8	2.7	2.6	2.8	2.7	-2.8	0.1
Turkey	19.9	24.2	27.4	31.6	32.4	28.9	-10.8	1.1
Turkmenistan	13.5	14.5	16.5	19.1	17.1	17.8	4.0	0.7
Ukraine	61.7	62.1	60.3	56.9	54.0	42.3	-21.7	1.6
United Kingdom	87.7	85.2	80.9	81.9	84.4	77.9	-7.7	2.9
Uzbekistan	39.1	38.4	37.7	41.3	43.8	43.9	0.0	1.7
Other Europe & Eurasia	14.0	14.2	14.7	15.2	14.7	12.6	-14.2	0.5
Total Europe & Eurasia	980.5	1002.8	1009.3	1022.0	1024.6	952.8	-7.0	35.9

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Table 9.4(Contd.) : Country-wise Estimates of Consumption of Natural Gas*

(Million tonnes oil equivalent)

Country/ Region	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Change 2009-10 over 2008-09	2009-10 % Share of World's Total Consumption
Middle East								
Iran	77.9	94.5	97.8	101.7	107.4	118.5	10.4	4.5
Kuwait	10.7	11.0	11.3	10.9	11.5	12.1	5.0	0.5
Qatar	13.5	16.8	17.6	17.7	18.2	19.0	4.5	0.7
Saudi Arabia	59.1	64.1	66.2	67.0	72.4	69.7	-3.7	2.6
United Arab Emirates	36.2	37.8	39.0	44.3	53.5	53.2	-0.6	2.0
Other Middle East	25.0	27.1	30.4	31.2	35.7	38.6	8.0	1.5
Total Middle East	222.4	251.3	262.3	272.8	298.7	311.0	4.1	11.7
Africa								
Algeria	19.8	20.9	21.4	21.9	22.8	24.0	5.2	0.9
Egypt	28.5	28.4	32.9	34.5	36.8	38.3	4.2	1.4
South Africa	-	-	-	-	-	-	-	-
Other Africa	21.3	22.1	21.5	25.4	26.9	22.3	-17.2	0.8
Total Africa	69.6	71.4	75.7	81.8	86.5	84.6	-2.2	3.2
Asia Pacific								
Australia	20.5	19.7	21.6	23.1	23.0	23.1	0.8	0.9
Bangladesh	11.9	13.1	13.8	14.6	16.1	17.8	10.3	0.7
China	35.7	42.1	50.5	62.6	73.2	79.8	9.1	3.0
China Hong Kong SAR	2.4	2.4	2.6	2.0	2.3	2.3	-2.9	0.1
India	28.7	32.1	33.5	36.1	37.2	46.7	25.5	1.8
Indonesia	29.0	29.9	29.9	28.2	30.0	33.0	10.0	1.2
Japan	69.3	70.7	75.4	81.2	84.4	78.7	-6.7	3.0
Malaysia	21.3	26.9	29.7	29.7	30.2	28.3	-6.3	1.1
New Zealand	3.5	3.2	3.3	3.6	3.4	3.6	4.1	0.1
Pakistan	31.0	32.0	32.5	33.1	33.8	34.1	1.1	1.3
Philippines	2.2	3.0	2.4	2.8	3.0	3.0	1.1	0.1
Singapore	5.9	5.9	7.7	7.7	8.3	8.7	5.4	0.3
South Korea	25.5	27.3	28.8	31.2	32.1	30.4	-5.2	1.1
Taiwan	9.2	9.3	10.0	10.6	10.5	10.2	-2.4	0.4
Thailand	26.9	29.3	30.0	31.8	33.6	35.3	4.9	1.3
Other Asia Pacific	7.8	10.9	11.0	11.7	12.3	11.9	-3.1	0.4
Total Asia Pacific	330.8	357.7	382.8	410.2	433.2	446.9	3.2	16.8
TOTAL WORLD	2420.0	2498.3	2553.9	2652.1	2717.3	2653.1	-2.4	100.0

^ Less than 0.05. # less than 0.05%

The difference between these world consumption figures and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.

Source : Ministry of Petroleum & Natural Gas.

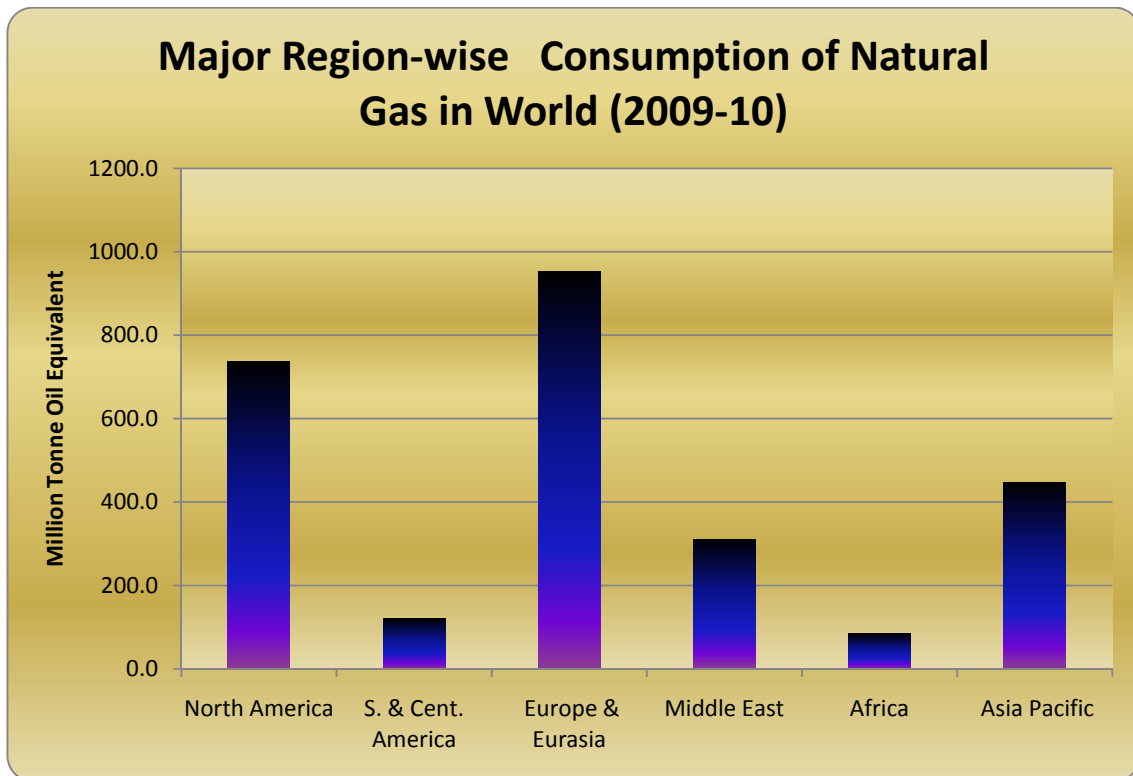


Figure 9.4