

# O&G

World Oil and Gas Review  
2011

50th Anniversary  
1961-2011



10<sup>th</sup>  
E D I T I O N

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World Oil and Gas Review 2011

10<sup>th</sup>  
—  
E D I T I O N

World Oil and Gas Review, the annual volume of statistics that records changes in energy markets on a global scale, celebrates its 10<sup>th</sup> edition this year.

Over the years, it has grown to include new content and today is one of the most complete and detailed sources of information for interpreting trends in the world of energy.

The document is intended for a wide audience, but is also a useful working tool for energy specialists.

With this tenth edition we have enlarged our area of analysis: in addition to data on oil and gas consumption, production, reserves, and international trade, we have profiled the evolution of key energy players (such as the National Oil Companies) within the industry's various sectors. One of the publication's most significant features continues to be the section on crude quality which offers an opportunity to reflect on the future of refining.

But what are the main facts that stand out from our analysis of the most recent historical data?

- In 2010 oil consumption saw very robust growth (+3.4%), thanks to the return to economic growth after the crisis. The non-OECD area was the engine driving the increase in consumption. We are not far from the moment in which the market for oil in these countries will exceed that of the more advanced economies in overall size.
- Oil reserves continued the trend towards growth seen over the last decade. The OPEC countries saw their importance grow and now represent over 72% of oil reserves, while in terms of world production their percentage remains stable at 40%. The oil companies of producing countries (NOCs) hold almost 90% of world oil reserves and are responsible for 40% of the world's production. This imbalance can also be seen in natural gas where the main NOCs control more than 50% of the reserves, but only 7% of gas production.
- In 2010 natural gas consumption grew significantly (+7.5%). An encouraging surprise was the recovery of gas consumption in Europe, even if we know that a large part of it is weather related.
- Russia regained its position as the largest gas producer in the world, after having been overtaken by the United States the previous year. Nonetheless, the United States reached a new historic maximum for production, continuing its extraordinary and unexpected growth, driven by shale gas.
- Again in this edition, the Review dedicates a chapter to an analysis of crude production quality, using the parameters of density (API grade), sulphur content, and for the first time this year, distillation yields. This characteristic helps an understanding of how apparently similar crude can have different market value for the refineries.
- 2010 once again saw the medium sour crude of the Middle East, Russia, and Central Asia as the main source of world oil production (over 40%). The supply of light and low-sulphur crude, which includes the Brent, WTI, and Tapis benchmarks, on the other hand, has fallen from 21% to 16% of global production in 15 years.
- We end with a description of the current refining situation. The opening of new capacities in a weak economic situation has meant a notable decrease in the utilization rates for refineries, in particular in the industrialised countries. The exception is in India, where the new mega-refineries are working at a load factor close to 100%.

You can find all this and more in the new volume, which we hope will create a desire to learn more about the trends in an extremely important sector that is often little known.

Paolo Scaroni  
Chief Executive Officer



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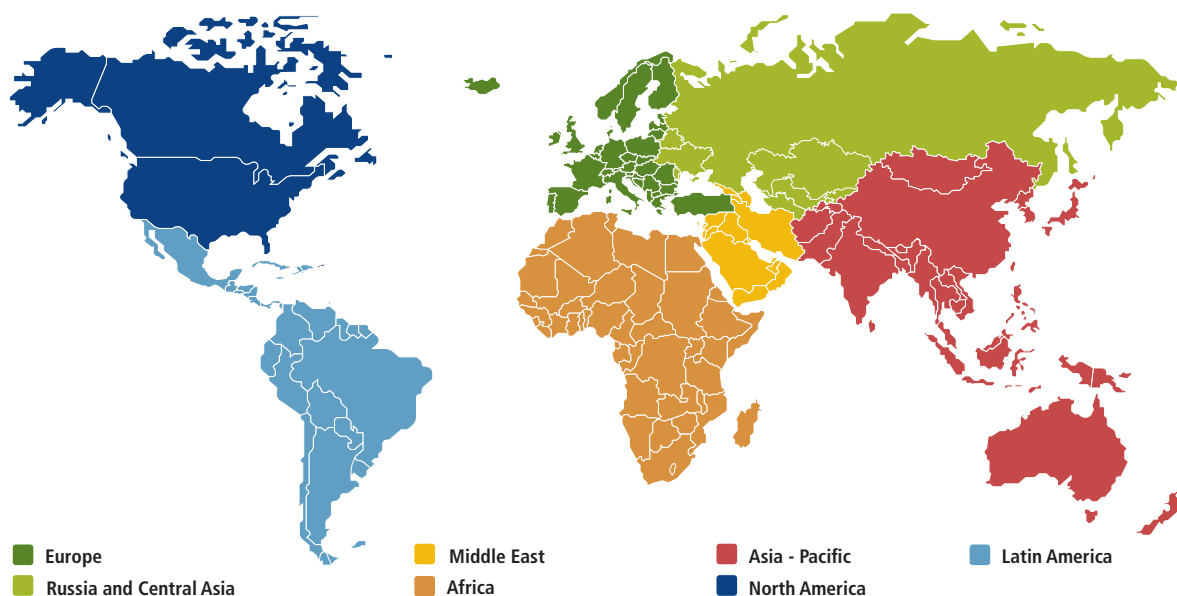
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### List of Countries by Areas and Aggregates

**Europe:** Albania, Austria, Belgium, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Gibraltar, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine and United Kingdom.

**Russia and Central Asia:** Russia, Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.

**Middle East:** Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates and Yemen.

**Africa:** Algeria, Angola, Benin, Cameroon, Chad, Congo, Côte d'Ivoire, Dem. Rep. Congo, Egypt, Equatorial Guinea, Ethiopia, Gabon, Ghana, Kenya, Libya, Madagascar, Mauritania, Morocco, Mozambique, Namibia, Nigeria, Rwanda, Senegal, Somalia, South Africa, Sudan, Tanzania, Tunisia, Uganda, Zambia and Zimbabwe.

**Asia - Pacific:** Afghanistan, Australia, Bangladesh, Brunei, China, East Timor, Hong Kong, India, Indonesia, Japan, Malaysia, Mongolia, Myanmar, Nepal, New Zealand, North Korea, Pakistan, Papua New Guinea, Philippines, Singapore, South Korea, Sri Lanka, Taiwan, Thailand and Vietnam.

**Americas:** North America, Latin America.

**North America:** Canada and the United States.

**Latin America:** Argentina, Barbados, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba,

Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, Uruguay and Venezuela.

**World:** High Income Countries, Upper Middle Income Countries, Lower Middle Income Countries and Low Income Countries.

**High Income Countries:** Australia, Austria, Bahrain, Barbados, Belgium, Brunei, Canada, Croatia, Cyprus, Czech Republic, Denmark, Equatorial Guinea, Estonia, Finland, France, Germany, Gibraltar, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Kuwait, Latvia, Luxembourg, Malta, Netherlands, Netherlands Antilles, New Zealand, Norway, Oman, Poland, Portugal, Qatar, Saudi Arabia, Singapore, Slovakia, Slovenia, South Korea, Spain, Sweden, Switzerland, Taiwan, Trinidad and Tobago, United Arab Emirates, United Kingdom and United States.

**Upper Middle Income Countries:** Albania, Algeria, Argentina, Azerbaijan, Belarus, Bosnia Herzegovina, Brazil, Bulgaria, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Gabon, Iran, Jamaica, Kazakhstan, Lebanon, Libya, Lithuania, Macedonia, Malaysia, Mexico, Montenegro, Namibia, Panama, Peru, Romania, Russia, Serbia, South Africa, Suriname, Turkey, Uruguay and Venezuela.

**Lower Middle Income Countries:** Angola, Armenia, Belize, Bolivia, Cameroon, China, Congo, Côte d'Ivoire, East Timor, Ecuador, Egypt, El Salvador, Georgia, Guatemala, Honduras, India, Indonesia, Iraq, Jordan, Moldova, Mongolia, Morocco, Nicaragua,

Nigeria, Pakistan, Papua New Guinea, Paraguay, Philippines, Senegal, Sri Lanka, Sudan, Syria, Thailand, Tunisia, Turkmenistan, Ukraine, Uzbekistan, Vietnam and Yemen.

**Low Income Countries:** Afghanistan, Bangladesh, Benin, Chad, Dem. Rep. Congo, Ethiopia, Ghana, Haiti, Kenya, Kyrgyzstan, Madagascar, Mauritania, Mozambique, Myanmar, Nepal, North Korea, Rwanda, Somalia, Tajikistan, Tanzania, Uganda, Zambia and Zimbabwe.

### International Organizations

**European Union:** Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and United Kingdom.

**OECD:** Europe, Asia - Pacific, North America.

**Europe:** Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

**Asia - Pacific:** Australia, Japan, New Zealand and South Korea.

**North America:** Canada, Mexico and the United States.

**OPEC:** Algeria, Angola, Ecuador, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.

## Areas and Aggregates

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This *Review* adopts the most commonly used names for countries and not necessarily the official name. The names used do not in any way indicate the opinion of Eni on the legal status of countries, territories, cities or areas mentioned. The term “country” is used to indicate, when necessary, also a territory or area. Borders between countries are indicated on the maps and do not imply judgement of any kind or the position of Eni with regard to current international disputes.

For operational and analytical purposes, economies are divided among income groups according to 2009 Gross National Income (GNI) per capita, calculated using the World Bank Atlas method in effect until 1 July 2011. The groups are: Low Income, \$995 or less; Lower Middle Income, \$996-3,945; Upper Middle Income, \$3,946-12,195; and High Income, \$12,196 or more.

Classification by income does not necessarily reflect development status. Other analytical groups based on geographic regions are also used.

Eni regrets that it is not able to supply further information on the data presented in this *Review*, apart from the methodological notes.

This *Review* has been prepared by the Planning and Control Department.

## Notes and Methods

The sources of the data are: Arab Oil & Gas Directory, Bureau of Labor Statistics, Cedigaz, Enerdata, Eni, International Energy Agency, IHS Energy, International Monetary Fund, Italian Ministry for Economic Development, Oil & Gas Journal, Parpinelli TECNON, PIW, Platt's, Wood MacKenzie and other official sources.

Blank spaces in the tables indicate that the figure was not available, zero indicates a figure that is not significant (except for the chapter "International Trade").

Total may differ from the sum of the individual figures as a result of rounding up/down.

The figures for **"Reserves"** refer to proven reserves as at 1<sup>st</sup> January. The figures for other chapters indicate annual averages.

In the chapters **"Production"** and **"Consumption"** of oil, in some countries figures may include oil from non conventional sources and others sources of supply.

The difference between the Consumption and the Production of oil is given by the change in stocks, the processing gains obtained in refining and the amount of biofuels which is not included in Production.

Gas Production, Consumption, Exports and Imports are assessed by using the same calorific value per cubic metre (39 MJ/cm, GCV), in order to make data among countries comparable.

In the chapter **"Production"** of natural gas, the figures concern traded production and do not include quantities of burnt, dispersed or re-injected gas.

The data in the chapter **"Reserves/Production ratios"** have been obtained by dividing the reserves of a given year by production for the same year. The calculation of the relation between reserves and oil production: annual production is multiplied by 365; for Saudi Arabia and Kuwait the country production figure is used plus half of the production of the Neutral Zone; for Canada the production level considered is that of conventional oil production.

The figures in the chapter **"Per Capita Consumption"** have been obtained by dividing the consumption of a given year by the population in the same year. For oil, annual consumption is multiplied by 365, before being divided by the population.

The figures in the chapter **"Production/Consumption ratios"** have been obtained by dividing the production of a given year by consumption for the same year. It is a self sufficiency index of a country or an area.

In all the chapters, the list of the "first ten countries" is drawn up by ordering the countries on the basis of the last available year. In the chapters **"Reserves/Production ratios"** and **"Production/Consumption ratios"**, the list of the "first ten countries" is drawn up by selecting the largest producers in the last available year and ordering them on the basis of the value of the reserves/production and production/consumption ratios. In the chapter **"Per Capita Consumption"**, the list is drawn up by selecting the largest consumers in the last available year and ordering them by the value of per capita consumption.

In the chapters **"Exports"** and **"Imports"** of natural gas, the figures for a country's exports and imports may differ from those reported in the chapter **"International Trade"** for the same country, because of the different source of information and the different calorific value attached to the cubic metre. As far as Italy is concerned, the series of gas imports (source of information: Italian Ministry for Economic Development), is not homogeneous because from 1995 to 2001 it includes imports on the basis of the contractual origin of the gas, and from 2002 on, it takes into consideration the country of physical origin.

In the chapter **"International Trade"** of natural gas, trade figures for the United States include also the trade of Portorico.

In the chapter **"Production Quality"** figures for total oil production in each area or country do not coincide with the figures in the **"Production"** chapter. This is due to the exclusion of natural gas liquids and extra heavy crude from the figures for the first (except for Venezuela). Moreover, it has not been possible to allocate or define total production. In some countries the 'Ultra Light' category also includes, in total or in part, the production of condensates. For Canada the production includes syncrude.

API degree is used universally to express a crude's relative density. The arbitrary formula used to obtain it is:  $\text{API gravity} = (141.5/\text{SG at } 60^\circ\text{F}) - 131.5$ , where SG is the specific gravity of the fluid. Lighter the crude, higher the API gravity. The API scale was designed so that most values would fall between 10 and 70 API gravity degree. Fresh water has an API density of 10.

Atmospheric distillates yields are obtained according to TBP (True Boiling Point) technique, ASTM D2892 procedure. Figures are expressed in mass percentage.

For the definition of the qualitative parameters for single crudes, the data of "Eni-R&M Division-San Donato Research Center-Downstream technologies" have been used, wherever possible. Quality levels, indicating API gravity and sulphur content, are defined as follows.

### Quality levels - API gravity and sulphur content

<b>Ultra Light</b>	API level equal to or greater than 50° and a low sulphur content
<b>Light &amp; Sweet</b>	API level equal to or greater than 35° and less than 50°; sulphur content less than 0.5%
<b>Light &amp; Medium Sour</b>	API level equal to or greater than 35° and less than 50°; sulphur content equal to or greater than 0.5% and less than 1%
<b>Light &amp; Sour</b>	API level equal to or greater than 35° and less than 50°; sulphur content equal to or greater than 1%
<b>Medium &amp; Sweet</b>	API level equal to or greater than 26° and less than 35°; sulphur content less than 0.5%
<b>Medium &amp; Medium Sour</b>	API level equal to or greater than 26° and less than 35°; sulphur content equal to or greater than 0.5% and less than 1%
<b>Medium &amp; Sour</b>	API level equal to or greater than 26° and less than 35°; sulphur content equal to or greater than 1%
<b>Heavy &amp; Sweet</b>	API level equal to or greater than 10° and less than 26°; sulphur content less than 0.5%
<b>Heavy &amp; Medium Sour</b>	API level equal to or greater than 10° and less than 26°; sulphur content equal to or greater than 0.5% and less than 1%
<b>Heavy &amp; Sour</b>	API level equal to or greater than 10° and less than 26°; sulphur content equal to or greater than 1%



The chapter **"Refining Industry"** is divided in two parts: **"Refining Capacity"** and **"Oil Products Balances"**.

The **"Refining Capacity"** set of tabulations provides the following information:

- Refineries: includes asphalt and lube oriented units, when dedicated topping capacity is present. Includes condensate refineries.
- Primary Capacity: topping capacity of units included in Refineries.
- Conversion Capacity (FCC eqv.): sum of conversion capacity, converted to "Catcracking (FCC ) equivalent" capacity. "FCC equivalent" capacity equals 1; other conversion capacities can be higher or lower than 1 (the equivalent factors are reported below in the next table).
- FCC eqv. (complexity ratio): ratio of Conversion Capacity (converted to FCC equivalent) over Primary Capacity, calculated on a weight basis. The higher is the complexity index, the higher is the capability of a refinery to produce high equivalent quality and value products.
- Nelson Complexity Index (NCI): is another measure of secondary conversion capacity in comparison to the primary distillation capacity. The units are rated in terms of their costs relative to the primary distillation unit. The higher is the index, the higher is the capability of a refinery to produce high quality and value products.
- Utilization rate (of primary capacity): ratio of crude runs (condensates runs are included) over Primary Capacity.

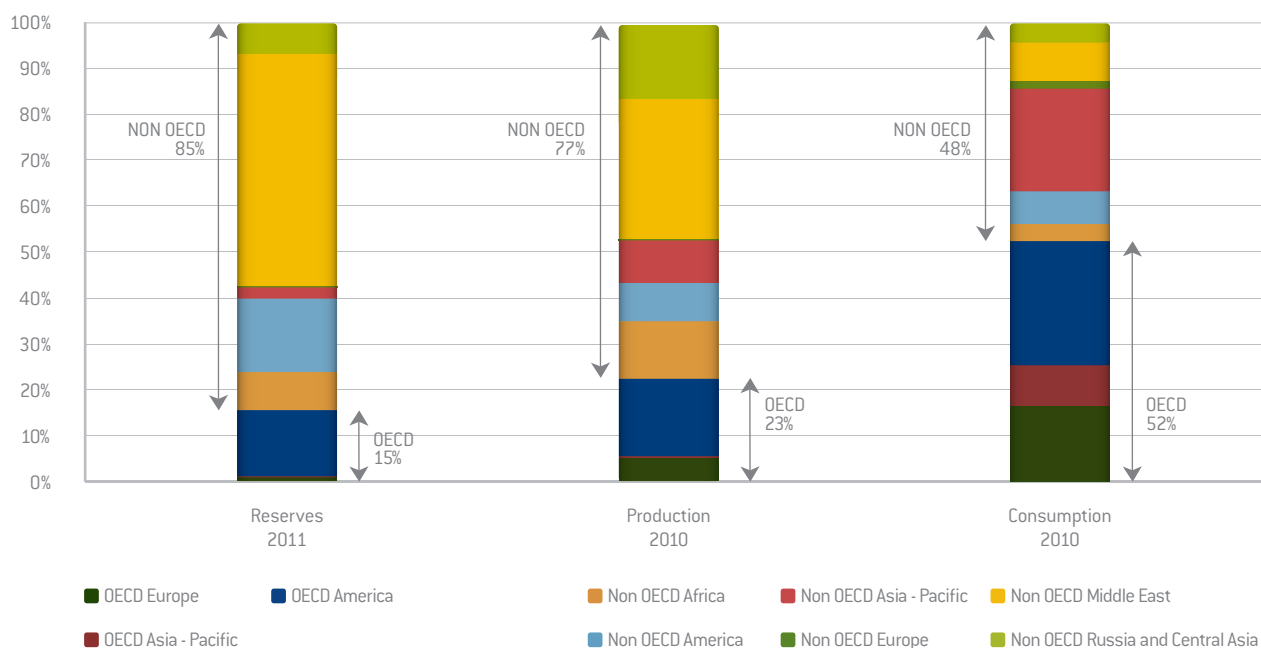
The equivalent factors for the FCC equivalent calculation, reported below, change according to the type and the configuration of the conversion unit and are from Parpinelli TECNON. The factors for the Nelson calculation are standard factors, modified as necessary by Eni. Oxygenates and Aromatics are excluded.

Conversion type	Factors to FCC eqv.	Factors to NCI	Conversion type	Factors to FCC eqv.	Factors to NCI
Alkylation	0.00	10.00	Hydrodesulf-diesel	0.00	2.50
Alkylation-hydrofluoric	0.00	10.00	Hydrodesulf-gasoline	0.00	2.50
Alkylation-sulfuric	0.00	10.00	Hydrodesulf-kero	0.00	2.50
Asphalt	0.25	1.50	Hydrodesulf-mid-distillates	0.00	2.50
Coking-delayed	1.35	6.00	Hydrodesulf-naphtha	0.00	2.50
Coking-f/d	1.35	6.00	Hydrodesulf-residue	0.20	2.50
Coking-fluid	1.35	6.00	Hydrodesulf-VGO	0.05	2.50
Coking-fxc	1.35	6.00	Isomerization-C4	0.00	15.00
Condensate distillation	0.00	1.00	Isomerization-In	0.00	15.00
Crude	0.00	1.00	Lube	0.50	60.00
Deasphalting	0.00	1.50	Polymerization	0.00	10.00
Deasphalting-C3	0.00	1.50	Reforming-aromax	0.00	5.00
Deasphalting-C4	0.00	1.50	Reforming-btx	0.00	5.00
Deep catcracking	1.10	6.00	Reforming-cc	0.00	5.00
Distillate dewaxing	0.10	85.00	Reforming-cyclic	0.00	5.00
Fluid catcracking	1.00	6.00	Reforming-lpg feed	0.00	5.00
Fluid catcracking-residue	1.90	6.00	Reforming-sr	0.00	5.00
Heavy residual gasification	1.30	12.00	Thermal catcracking	0.80	2.75
Hydrocracking-distillates	1.30	6.00	Thermal cracking	0.65	2.75
Hydrocracking-mild	0.30	6.00	Vacuum	0.00	2.00
Hydrocracking-residue	0.40	6.00	Visbreaking	0.25	2.75

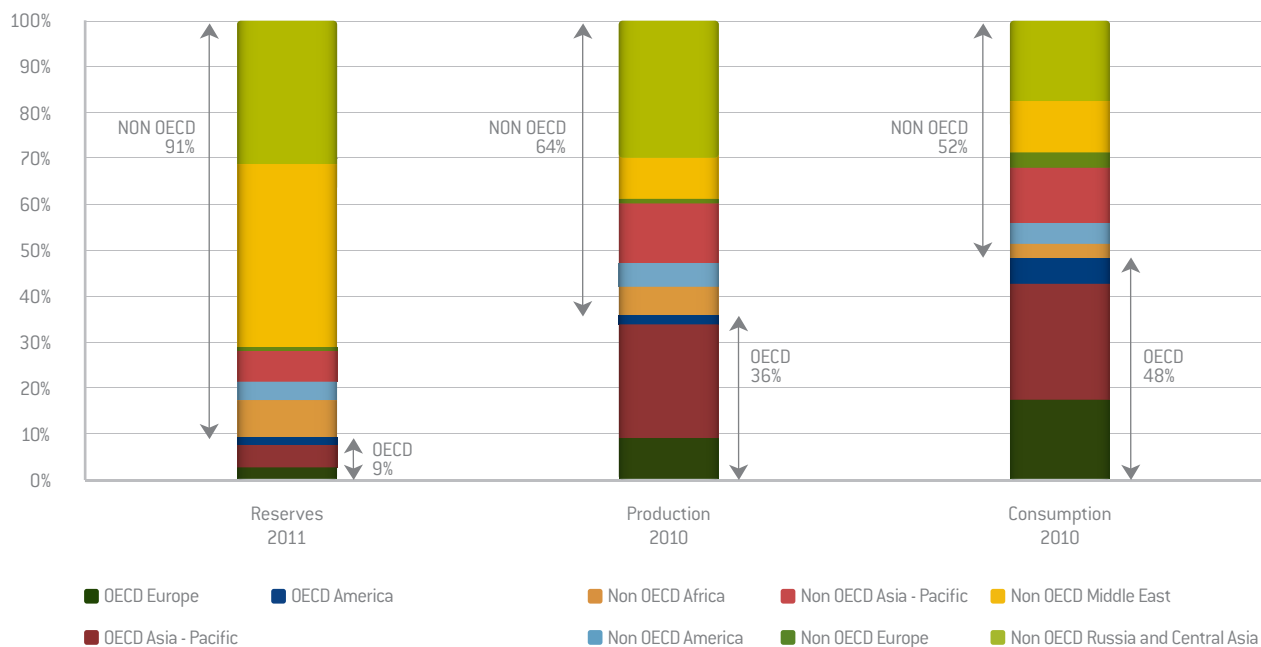
The **"Oil Products Balances"** set of tabulations provides the following information:

- Production: refinery output, net of refinery feedstocks requirements, plus liquids derived from natural gas processing (NGLs).
- Consumption: includes bunkers.
- Balance: it is the difference between Production and Consumption and corresponds to the net exports. It therefore includes: stock changes, statistical differences, refinery losses and other items included in Consumption.

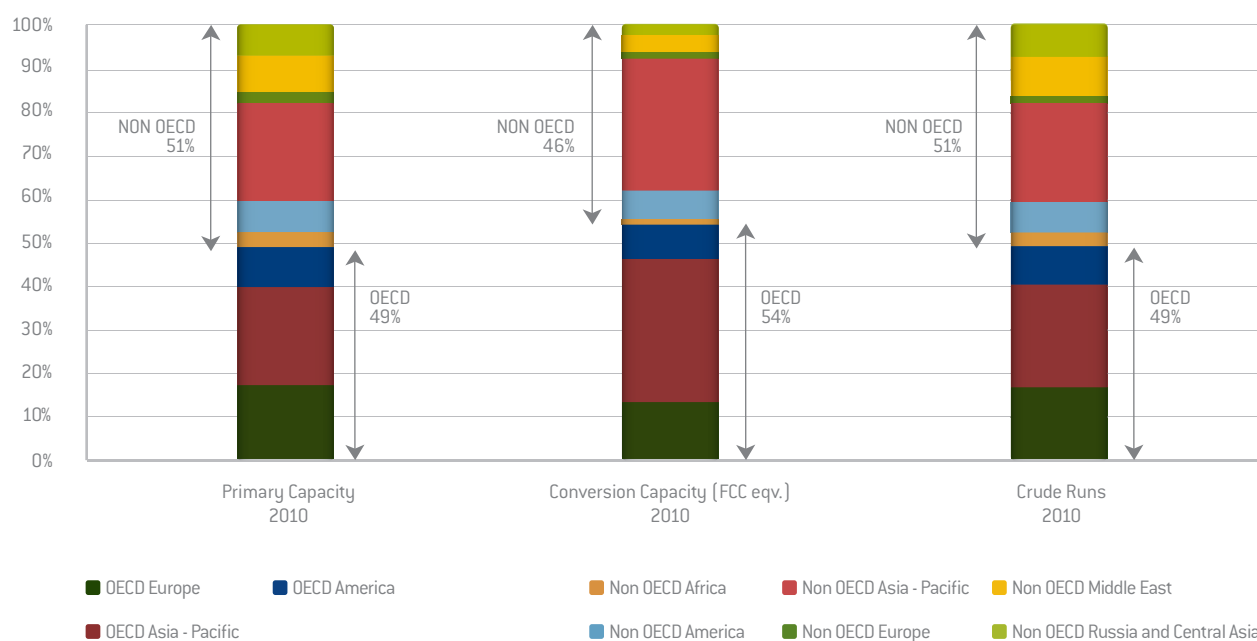
## Oil in the World - Reserves, Production and Consumption



## Natural Gas in the World - Reserves, Production and Consumption



## Refining Industry in the World - Primary Capacity, Conversion Capacity and Crude Runs





# Oil





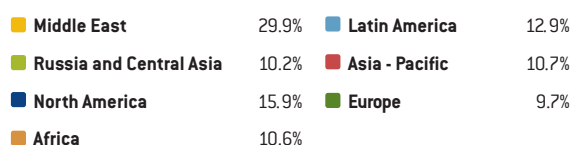
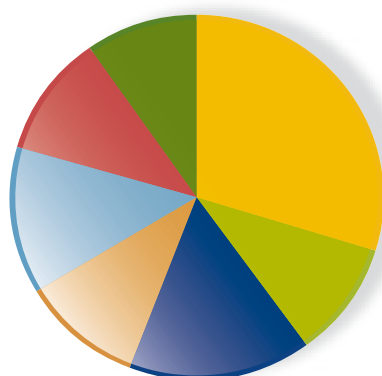
### Areas and Aggregates

Crude and non conventional oil, natural gas liquids  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
Europe	6,710	7,120	5,946	5,021	4,803	4,413
Russia and Central Asia	7,023	7,864	11,703	12,697	13,154	13,435
Middle East	20,555	23,528	25,611	26,442	24,878	25,476
Africa	7,328	7,838	9,913	10,454	10,068	10,437
Asia - Pacific	7,389	7,904	7,991	8,056	8,136	8,372
Americas	19,830	20,985	20,903	20,071	20,343	21,108
- North America	10,925	10,743	10,119	10,168	10,654	11,172
- Latin America	8,905	10,242	10,783	9,903	9,690	9,937
<b>World</b>	<b>68,834</b>	<b>75,238</b>	<b>82,065</b>	<b>82,740</b>	<b>81,382</b>	<b>83,241</b>
High Income Countries	33,571	35,008	35,721	35,162	33,909	34,639
Upper Middle Income Countries	23,125	25,266	30,776	31,066	31,003	31,578
Lower Middle Income Countries	12,088	14,917	15,336	16,313	16,282	16,830
Low Income Countries	51	48	232	198	188	194
<b>International Organizations</b>						
European Union	3,550	3,547	2,758	2,345	2,199	2,049
OECD	21,012	21,884	20,133	18,727	18,810	18,891
OPEC	27,365	30,769	34,709	35,632	33,502	34,518

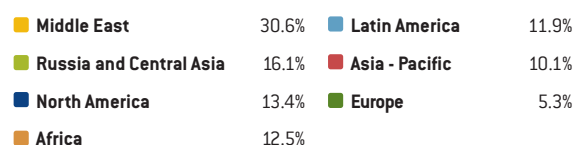
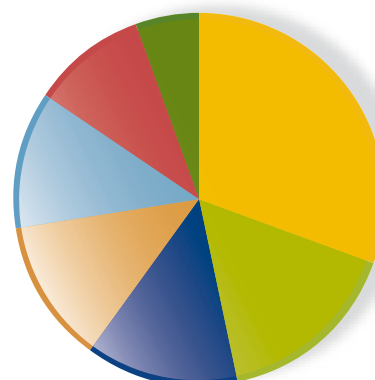
1995

World: 68,834 thousand barrels/day



2010

World: 83,241 thousand barrels/day



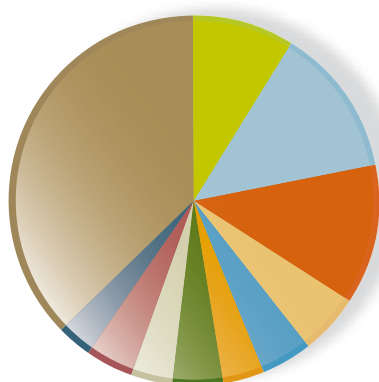
### The First Ten Countries in the World <sup>(\*)</sup>

Crude and non conventional oil, natural gas liquids  
[thousand barrels/day]

	1995	2000	2005	2008	2009	2010
Russia	6,168	6,527	9,636	10,013	10,210	10,450
Saudi Arabia	8,922	9,068	10,604	10,406	9,463	9,761
United States	8,526	8,020	7,067	6,917	7,437	7,805
Iran	3,702	3,760	4,239	4,344	4,260	4,259
China	2,986	3,253	3,628	3,801	3,891	4,103
Canada	2,399	2,723	3,052	3,251	3,217	3,367
Mexico	3,067	3,450	3,760	3,164	2,972	2,953
United Arab Emirates	2,493	2,622	2,995	3,113	2,785	2,848
Venezuela	3,018	3,220	3,011	2,563	2,364	2,438
Nigeria	2,039	2,160	2,518	2,106	2,098	2,436
<b>First 10 countries</b>	<b>43,318</b>	<b>44,802</b>	<b>50,511</b>	<b>49,677</b>	<b>48,696</b>	<b>50,420</b>
Rest of the World	25,516	30,436	31,554	33,063	32,686	32,821
<b>World</b>	<b>68,834</b>	<b>75,238</b>	<b>82,065</b>	<b>82,740</b>	<b>81,382</b>	<b>83,241</b>

1995

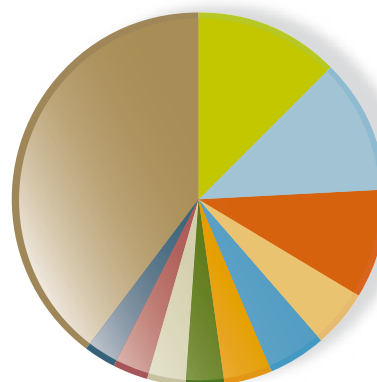
World: 68,834 thousand barrels/day



Russia	9.0%	Mexico	4.5%
Saudi Arabia	13.0%	United Arab Emirates	3.6%
United States	12.4%	Venezuela	4.4%
Iran	5.4%	Nigeria	3.0%
China	4.3%	Rest of the World	37.1%
Canada	3.5%		

2010

World: 83,241 thousand barrels/day



Russia	12.6%	Mexico	3.5%
Saudi Arabia	11.7%	United Arab Emirates	3.4%
United States	9.4%	Venezuela	2.9%
Iran	5.1%	Nigeria	2.9%
China	4.9%	Rest of the World	39.4%
Canada	4.0%		

[\*] Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

## Countries (\*)

Crude and non conventional oil, natural gas liquids  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>6,710</b>	<b>7,120</b>	<b>5,946</b>	<b>5,021</b>	<b>4,803</b>	<b>4,413</b>
Albania	9	7	7	8	8	11
Austria	21	20	19	20	22	21
Belarus	39	37	36	35	33	30
Bulgaria	1	1	1	1	1	1
Croatia	38	28	21	19	21	20
Czech Republic	6	8	12	7	7	6
Denmark	186	363	377	287	261	246
France	62	44	36	26	26	34
Germany	75	86	113	99	91	80
Greece	9	6	2	1	1	2
Hungary	60	38	37	30	32	26
Italy	96	78	125	119	103	108
Netherlands	71	49	47	53	44	35
Norway	2,902	3,346	2,969	2,461	2,386	2,151
Poland	6	15	28	28	25	20
Portugal	0	0	0	1	1	0
Romania	145	131	113	100	96	93
Serbia and Montenegro	23	22	15	15	14	13
Slovakia	1	1	7	7	4	5
Spain	17	5	3	3	2	3
Turkey	68	53	44	41	46	48
Ukraine	81	81	96	96	95	92
United Kingdom	2,794	2,705	1,838	1,564	1,484	1,370

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>7,023</b>	<b>7,864</b>	<b>11,703</b>	<b>12,697</b>	<b>13,154</b>	<b>13,435</b>
Russia	6,168	6,527	9,636	10,013	10,210	10,450
Azerbaijan	191	282	449	906	1,050	1,042
Georgia	1	2	1	1	1	1
Kazakhstan	423	718	1,295	1,442	1,575	1,635
Kyrgyzstan	2	2	2	1	1	1
Tajikistan	1	0	0	0	0	0
Turkmenistan	70	158	201	225	204	196
Uzbekistan	166	175	118	108	113	110

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>20,555</b>	<b>23,528</b>	<b>25,611</b>	<b>26,442</b>	<b>24,878</b>	<b>25,476</b>
Bahrain	158	196	197	193	192	189
Iran	3,702	3,760	4,239	4,344	4,260	4,259
Iraq	555	2,582	1,833	2,415	2,475	2,420
Israel	1	0	0	0	0	0
Kuwait	1,934	1,880	2,258	2,476	2,196	2,226
Neutral Zone	425	561	580	573	538	533
Oman	867	959	760	754	813	865
Qatar	522	860	1,240	1,452	1,496	1,726
Saudi Arabia	8,922	9,068	10,604	10,406	9,463	9,761
Syria	623	591	484	403	375	385
United Arab Emirates	2,493	2,622	2,995	3,113	2,785	2,848
Yemen	353	450	421	315	287	264

(\*) Data source: IEA *Energy Statistics* © OECD/International Energy Agency, 2011.



## Countries (\*)

Crude and non conventional oil, natural gas liquids  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>7,328</b>	<b>7,838</b>	<b>9,913</b>	<b>10,454</b>	<b>10,068</b>	<b>10,437</b>
Algeria	1,301	1,436	1,931	1,950	1,878	1,921
Angola	639	745	1,245	1,894	1,817	1,820
Benin	2	0	0	0	0	0
Cameroon	120	116	83	86	74	64
Chad	0	0	170	131	120	130
Congo	182	263	245	241	270	292
Côte d'Ivoire	7	7	41	45	50	39
Dem. Rep. Congo	28	23	25	23	22	21
Egypt	958	763	689	767	749	739
Equatorial Guinea	8	118	358	347	307	274
Gabon	345	276	270	240	238	245
Ghana	6	7	6	6	6	7
Libya	1,432	1,471	1,721	1,840	1,661	1,661
Mauritania	0	0	0	13	13	9
Morocco	1	5	6	5	5	5
Nigeria	2,039	2,160	2,518	2,106	2,098	2,436
South Africa	167	199	225	200	196	199
Sudan	0	177	305	474	479	486
Tunisia	93	72	74	88	84	87

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>7,389</b>	<b>7,904</b>	<b>7,991</b>	<b>8,056</b>	<b>8,136</b>	<b>8,372</b>
Australia	580	802	545	551	553	515
Bangladesh	3	4	6	6	5	5
Brunei	182	195	198	155	154	159
China	2,986	3,253	3,628	3,801	3,891	4,103
East Timor	0	0	92	104	94	88
India	784	770	771	791	797	865
Indonesia	1,565	1,459	1,084	1,000	981	975
Japan	19	17	18	20	19	18
Malaysia	776	711	794	754	740	716
Myanmar	9	12	22	19	20	20
New Zealand	47	45	24	63	59	58
Pakistan	57	57	65	65	64	63
Papua New Guinea	104	64	54	41	40	31
Philippines	3	1	25	23	30	35
South Korea	0	13	10	14	19	21
Taiwan	1	1	1	1	1	1
Thailand	105	165	265	314	324	328
Vietnam	169	334	388	335	343	371

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>19,830</b>	<b>20,985</b>	<b>20,903</b>	<b>20,071</b>	<b>20,343</b>	<b>21,108</b>
Argentina	769	831	790	754	724	697
Barbados	1	1	1	1	1	1
Bolivia	34	39	50	53	55	54
Brazil	724	1,267	1,712	1,899	2,029	2,137
Canada	2,399	2,723	3,052	3,251	3,217	3,367
Chile	16	10	8	7	7	6
Colombia	587	691	530	592	675	789
Cuba	26	54	59	60	60	59
Ecuador	384	404	534	503	472	468
Guatemala	9	23	18	15	14	12
Mexico	3,067	3,450	3,760	3,164	2,972	2,953
Peru	123	104	116	120	145	155
Suriname	7	10	12	20	22	21
Trinidad and Tobago	142	138	180	152	151	146
United States	8,526	8,020	7,067	6,917	7,437	7,805
Venezuela	3,018	3,220	3,011	2,563	2,364	2,438

(\*) Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

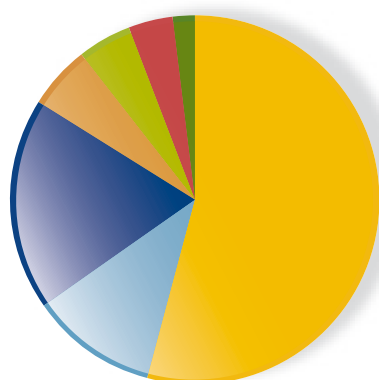
## Areas and Aggregates

(million barrels as at 1<sup>st</sup> January)

	1995	2000	2005	2008	2009	2010	2011
Europe	19,267	21,249	18,044	14,906	14,308	14,000	12,771
Russia and Central Asia	55,833	56,395	77,227	98,281	98,281	98,281	98,281
Middle East	623,043	675,638	729,341	748,286	745,998	753,358	752,920
Africa	63,332	76,078	101,973	114,838	117,064	119,114	123,609
Asia - Pacific	44,674	43,986	36,293	34,350	34,005	40,136	40,251
Americas	340,239	328,970	323,296	330,559	339,676	338,654	451,142
- North America	211,727	211,071	208,099	209,052	206,488	203,610	203,610
- Latin America	128,512	117,899	115,197	121,507	133,188	135,044	247,532
<b>World</b>	<b>1,146,388</b>	<b>1,202,316</b>	<b>1,286,174</b>	<b>1,341,220</b>	<b>1,349,332</b>	<b>1,363,543</b>	<b>1,478,974</b>
High Income Countries	661,650	702,913	711,213	716,077	712,882	717,442	716,430
Upper Middle Income Countries	309,450	306,707	368,446	412,186	423,670	425,728	539,754
Lower Middle Income Countries	174,849	192,325	206,145	211,024	210,847	218,440	219,212
Low Income Countries	440	371	370	1,933	1,933	1,933	3,578
<b>International Organizations</b>							
European Union	8,608	9,215	8,333	6,792	6,379	6,115	5,890
OECD	279,891	261,414	240,451	235,631	231,325	229,866	228,708
OPEC	734,117	805,027	890,530	927,629	940,027	951,277	1,064,792

1995

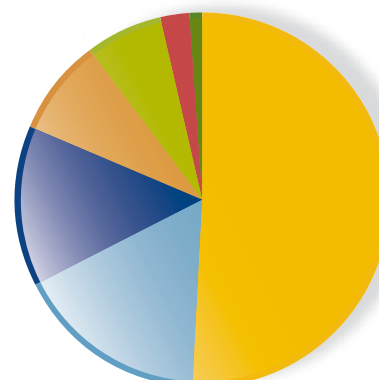
World: 1,146,388 million barrels as at 1<sup>st</sup> January



Middle East	54.3%	Russia and Central Asia	4.9%
Latin America	11.2%	Asia - Pacific	3.9%
North America	18.5%	Europe	1.7%
Africa	5.5%		

2011

World: 1,478,974 million barrels as at 1<sup>st</sup> January



Middle East	50.9%	Russia and Central Asia	6.6%
Latin America	16.7%	Asia - Pacific	2.7%
North America	13.8%	Europe	0.9%
Africa	8.4%		

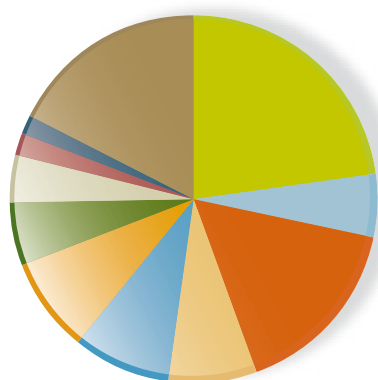
## The First Ten Countries in the World (\*)

[million barrels as at 1<sup>st</sup> January]

	1995	2000	2005	2008	2009	2010	2011
Saudi Arabia	260,000	263,500	261,900	266,751	266,710	262,400	262,602
Venezuela	64,500	72,600	77,226	87,035	99,377	99,377	211,170
Canada	182,100	181,400	178,800	178,592	178,092	175,214	175,214
Iran	89,300	89,700	125,800	138,400	136,150	137,620	137,010
Iraq	99,427	112,500	115,000	115,000	115,000	115,000	115,000
Kuwait	95,200	96,500	101,500	104,000	104,000	104,000	104,000
United Arab Emirates	63,450	97,800	97,800	97,800	97,800	97,800	97,800
Russia	48,400	48,573	60,000	60,000	60,000	60,000	60,000
Libya	22,800	29,500	39,000	41,464	43,660	44,270	46,420
Nigeria	17,900	22,500	35,255	36,220	36,220	37,200	37,200
<b>First 10 countries</b>	<b>943,077</b>	<b>1,014,573</b>	<b>1,092,281</b>	<b>1,125,262</b>	<b>1,137,009</b>	<b>1,132,881</b>	<b>1,246,416</b>
Rest of the World	203,311	187,743	193,893	215,958	212,323	230,662	232,558
<b>World</b>	<b>1,146,388</b>	<b>1,202,316</b>	<b>1,286,174</b>	<b>1,341,220</b>	<b>1,349,332</b>	<b>1,363,543</b>	<b>1,478,974</b>

1995

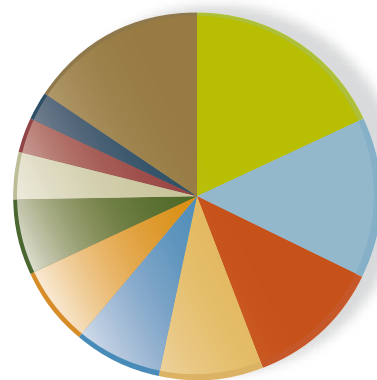
World: 1,146,388 million barrels as at 1<sup>st</sup> January



Saudi Arabia	22.7%	United Arab Emirates	5.5%
Venezuela	5.6%	Russia	4.2%
Canada	15.9%	Libya	2.0%
Iran	7.8%	Nigeria	1.6%
Iraq	8.7%	Rest of the World	17.7%
Kuwait	8.3%		

2011

World: 1,478,974 million barrels as at 1<sup>st</sup> January



Saudi Arabia	17.8%	United Arab Emirates	6.6%
Venezuela	14.3%	Russia	4.1%
Canada	11.8%	Libya	3.1%
Iran	9.3%	Nigeria	2.5%
Iraq	7.8%	Rest of the World	15.7%
Kuwait	7.0%		

(\*) Data source: Enerdata Global Energy Market & CO<sub>2</sub> Database.

## Countries (\*)

(million barrels as at 1<sup>st</sup> January)

	1995	2000	2005	2008	2009	2010	2011
<b>Europe</b>	<b>19,267</b>	<b>21,249</b>	<b>18,044</b>	<b>14,906</b>	<b>14,308</b>	<b>14,000</b>	<b>12,771</b>
Albania	112	165	165	199	199	199	199
Austria	92	86	62	50	50	50	50
Belarus	198	198	198	198	198	198	198
Bulgaria	6	15	15	15	15	15	15
Croatia	165	99	75	79	79	73	71
Czech Republic	7	15	15	15	15	15	15
Denmark	773	1,069	1,320	1,188	1,060	1,060	812
France	133	107	147	120	103	101	91
Germany	336	357	394	367	276	276	276
Greece	12	10	7	10	10	10	10
Hungary	127	110	103	20	20	27	27
Italy (**)	582	613	446	440	453	509	559
Lithuania	12	12	12	12	12	12	12
Netherlands	353	107	106	100	100	100	310
Norway	9,400	10,800	8,500	6,865	6,680	6,680	5,670
Poland	37	115	96	96	96	96	96
Romania	1,600	1,426	956	600	600	600	600
Serbia and Montenegro	150	78	78	78	78	78	78
Slovakia	9	9	9	9	9	9	9
Spain	30	14	158	150	150	150	150
Turkey	239	299	300	300	300	262	270
Ukraine	395	395	395	395	395	395	395
United Kingdom	4,500	5,150	4,487	3,600	3,410	3,085	2,858

	1995	2000	2005	2008	2009	2010	2011
<b>Russia and Central Asia</b>	<b>55,833</b>	<b>56,395</b>	<b>77,227</b>	<b>98,281</b>	<b>98,281</b>	<b>98,281</b>	<b>98,281</b>
Russia	48,400	48,573	60,000	60,000	60,000	60,000	60,000
Azerbaijan	1,200	1,178	7,000	7,000	7,000	7,000	7,000
Georgia	35	35	35	35	35	35	35
Kazakhstan	5,300	5,417	9,000	30,000	30,000	30,000	30,000
Kyrgyzstan	40	40	40	40	40	40	40
Tajikistan	12	12	12	12	12	12	12
Turkmenistan	546	546	546	600	600	600	600
Uzbekistan	300	594	594	594	594	594	594

	1995	2000	2005	2008	2009	2010	2011
<b>Middle East</b>	<b>623,043</b>	<b>675,638</b>	<b>729,341</b>	<b>748,286</b>	<b>745,998</b>	<b>753,358</b>	<b>752,920</b>
Bahrain	56	150	125	125	125	125	125
Iran	89,300	89,700	125,800	138,400	136,150	137,620	137,010
Iraq	99,427	112,500	115,000	115,000	115,000	115,000	115,000
Israel	0	4	2	2	2	2	2
Jordan	0	1	1	1	1	1	1
Kuwait	95,200	96,500	101,500	104,000	104,000	104,000	104,000
Oman	4,800	5,283	5,506	5,500	5,500	5,500	5,500
Qatar	4,940	3,700	15,207	15,207	15,210	25,410	25,380
Saudi Arabia	260,000	263,500	261,900	266,751	266,710	262,400	262,602
Syria	2,500	2,500	2,500	2,500	2,500	2,500	2,500
United Arab Emirates	63,450	97,800	97,800	97,800	97,800	97,800	97,800
Yemen	3,370	4,000	4,000	3,000	3,000	3,000	3,000

(\*) Data source: Enerdata Global Energy Market & CO<sub>2</sub> Database.

(\*\*) Data source: the original data are from Italian Ministry for Economic Development. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

## Countries (\*)

[million barrels as at 1<sup>st</sup> January]

	1995	2000	2005	2008	2009	2010	2011
<b>Africa</b>	<b>63,332</b>	<b>76,078</b>	<b>101,973</b>	<b>114,838</b>	<b>117,064</b>	<b>119,114</b>	<b>123,609</b>
Algeria	9,200	9,200	11,800	12,200	12,200	12,200	12,200
Angola	5,400	5,412	5,412	9,035	9,040	9,500	9,500
Benin	29	8	8	8	8	8	8
Cameroon	250	400	400	200	200	200	200
Chad	0	0	0	1,500	1,500	1,500	1,500
Congo	830	1,506	1,506	1,600	1,600	1,600	1,600
Côte d'Ivoire	100	100	100	100	100	100	100
Dem. Rep. Congo	187	187	187	180	180	180	180
Egypt	3,420	2,948	3,700	3,700	3,700	3,700	4,400
Equatorial Guinea	1,200	1,200	1,200	1,100	1,100	1,100	1,100
Gabon	1,300	2,499	2,499	2,000	2,000	2,000	2,000
Ghana	17	17	17	15	15	15	660
Libya	22,800	29,500	39,000	41,464	43,660	44,270	46,420
Mauritania	0	0	0	100	100	100	100
Morocco	0	2	2	1	1	1	1
Nigeria	17,900	22,500	35,255	36,220	36,220	37,200	37,200
South Africa	0	29	16	15	15	15	15
Sudan	300	262	563	5,000	5,000	5,000	5,000
Tunisia	400	308	308	400	425	425	425
Uganda	0	0	0	0	0	0	1,000

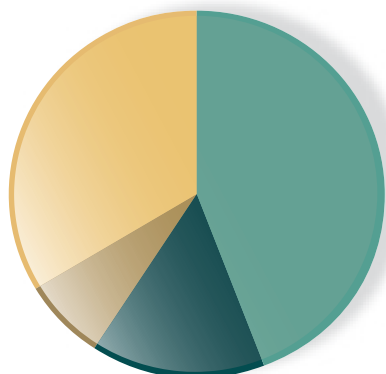
	1995	2000	2005	2008	2009	2010	2011
<b>Asia - Pacific</b>	<b>44,674</b>	<b>43,986</b>	<b>36,293</b>	<b>34,350</b>	<b>34,005</b>	<b>40,136</b>	<b>40,251</b>
Australia	1,600	2,895	1,491	1,500	1,500	3,318	3,318
Bangladesh	5	57	56	28	28	28	28
Brunei	1,400	1,350	1,350	1,100	1,100	1,100	1,100
China	24,000	24,000	18,250	16,000	16,000	20,350	20,350
India	5,807	4,837	5,417	5,625	5,624	5,624	5,681
Indonesia	5,800	4,980	4,700	4,370	3,990	3,990	3,990
Japan	50	60	59	44	44	44	44
Malaysia	4,300	3,900	3,000	4,000	4,000	4,000	4,000
Myanmar	150	50	50	50	50	50	50
New Zealand	109	127	52	55	60	60	113
Pakistan	169	208	289	289	339	313	313
Papua New Guinea	200	333	240	88	88	88	88
Philippines	246	289	152	139	139	139	139
Taiwan	0	4	4	2	2	2	2
Thailand	198	296	583	460	441	430	435
Vietnam	639	600	600	600	600	600	600

	1995	2000	2005	2008	2009	2010	2011
<b>Americas</b>	<b>340,239</b>	<b>328,970</b>	<b>323,296</b>	<b>330,559</b>	<b>339,676</b>	<b>338,654</b>	<b>451,142</b>
Argentina	2,195	2,753	2,675	2,587	2,616	2,520	2,504
Barbados	2	3	3	2	2	2	2
Belize	0	0	0	7	7	7	7
Bolivia	128	132	441	465	465	465	465
Brazil	4,200	7,357	10,600	12,182	12,624	12,802	12,858
Canada	182,100	181,400	178,800	178,592	178,092	175,214	175,214
Chile	123	150	150	150	150	150	150
Colombia	3,400	2,577	1,542	1,506	1,355	1,355	1,900
Cuba	274	283	750	124	124	124	124
Ecuador	2,000	2,115	4,630	4,517	4,660	6,500	6,510
Guatemala	488	526	526	83	83	83	83
Mexico	49,775	28,400	14,600	11,650	10,501	10,404	10,420
Peru	800	324	953	383	416	447	532
Suriname	68	74	111	88	80	80	79
Trinidad and Tobago	560	605	990	728	728	728	728
United States	29,627	29,671	29,299	30,460	28,396	28,396	28,396
Venezuela	64,500	72,600	77,226	87,035	99,377	99,377	211,170

(\*) Data source: Enerdata Global Energy Market & CO<sub>2</sub> Database.

Production by cluster of Companies <sup>(\*)</sup>

2000



Top NOCs	44.4%	iNOCs	7.0%
Majors	15.0%	Others	33.6%

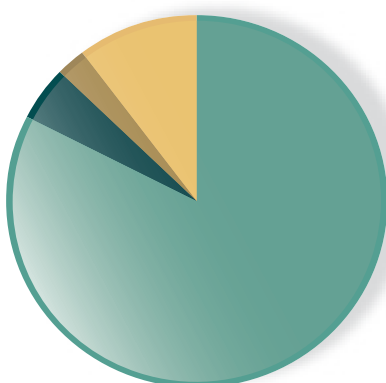
2010



Top NOCs	41.5%	iNOCs	7.9%
Majors	14.6%	Others	36.0%

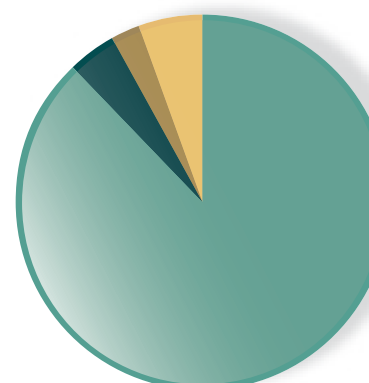
Reserves by cluster of Companies <sup>(\*)</sup>

2000



Top NOCs	82.6%	iNOCs	2.5%
Majors	4.7%	Others	10.2%

2010



Top NOCs	88.0%	iNOCs	2.5%
Majors	4.1%	Others	5.4%

[\*] Majors: ExxonMobil, BP, Shell, Chevron, Total, ConocoPhillips, Eni.

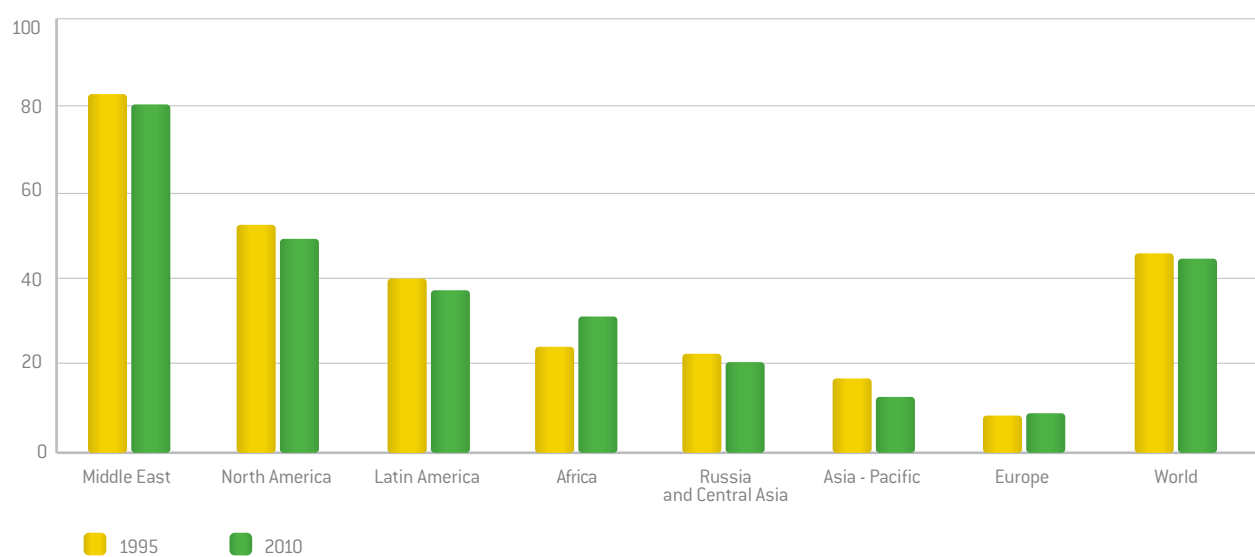
iNOCs: CNOOC, Petrobras, PetroChina, Sinopec, Statoil.

Top NOCs: ADNOC, EGP, Gazprom, INOC, KPC, Libyan NOC, NIOC, NNPC, PDO, PdVSA, Pemex, Petronas, QP, Rosneft, Saudi Aramco, Sonatrach.

## Areas and Aggregates

(years)

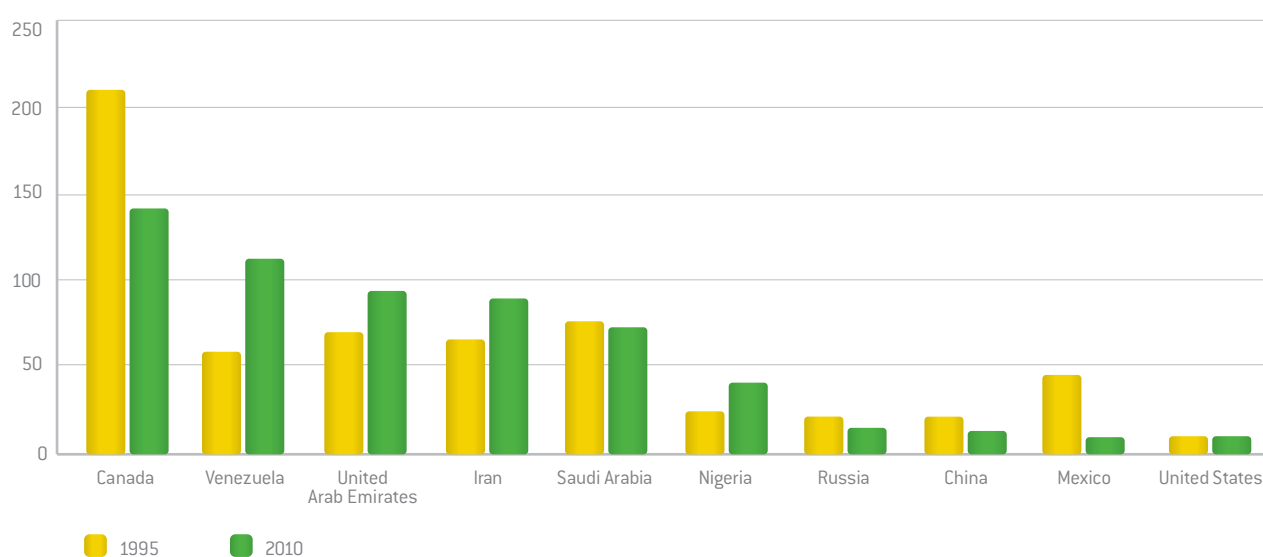
	1995	2000	2005	2008	2009	2010
Europe	8	8	8	8	8	9
Russia and Central Asia	22	20	18	21	20	20
Middle East	83	79	78	78	82	81
Africa	24	27	28	30	32	31
Asia - Pacific	17	15	12	12	11	13
Americas	47	43	42	45	46	44
- North America	53	54	56	56	53	50
- Latin America	40	32	29	34	38	37
<b>World</b>	<b>46</b>	<b>44</b>	<b>43</b>	<b>44</b>	<b>45</b>	<b>45</b>
High Income Countries	54	55	55	56	58	57
Upper Middle Income Countries	37	33	33	36	37	37
Lower Middle Income Countries	40	35	37	35	35	36
Low Income Countries	24	21	4	27	28	27
<b>International Organizations</b>						
European Union	7	7	8	8	8	8
OECD	36	33	33	34	34	33
OPEC	73	72	70	71	77	76



### The First Ten Countries in the World (\*)

(years)

	1995	2000	2005	2008	2009	2010
Canada	208	183	160	151	152	143
Venezuela	59	62	70	93	115	112
United Arab Emirates	70	102	89	86	96	94
Iran	66	65	81	87	88	89
Saudi Arabia	78	77	66	68	75	72
Nigeria	24	29	38	47	47	42
Russia	21	20	17	16	16	16
China	22	20	14	12	11	14
Mexico	44	23	11	10	10	10
United States	10	10	11	12	10	10



(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.



Countries <sup>(\*)</sup>

[years]

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>9</b>
Albania	34	70	65	68	68	51
Austria	12	12	9	7	6	6
Belarus	14	15	15	15	16	18
Bulgaria	19	82	41	41	41	41
Croatia	12	10	10	11	11	10
Czech Republic	3	5	4	6	6	7
Denmark	11	8	10	11	11	12
France	6	7	11	13	11	8
Germany	12	11	10	10	8	9
Greece	4	5	10	22	25	12
Hungary	6	8	8	2	2	3
Italy <sup>(**)</sup>	17	22	10	10	12	13
Netherlands	14	6	6	5	6	8
Norway	9	9	8	8	8	9
Poland	17	22	9	9	10	13
Romania	30	30	23	16	17	18
Serbia and Montenegro	18	10	14	14	15	16
Slovakia	26	21	3	4	7	5
Spain	5	8	129	159	191	164
Turkey	10	16	19	20	18	15
Ukraine	13	13	11	11	11	12
United Kingdom	4	5	7	6	6	6

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>22</b>	<b>20</b>	<b>18</b>	<b>21</b>	<b>20</b>	<b>20</b>
Russia	21	20	17	16	16	16
Azerbaijan	17	11	43	21	18	18
Georgia	69	44	72	93	103	114
Kazakhstan	34	21	19	57	52	50
Kyrgyzstan	55	73	51	99	109	120
Turkmenistan	21	9	7	7	8	8
Uzbekistan	5	9	14	15	14	15

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>83</b>	<b>79</b>	<b>78</b>	<b>78</b>	<b>82</b>	<b>81</b>
Bahrain	1	2	2	2	2	2
Iran	66	65	81	87	88	89
Iraq	491	119	172	130	127	130
Kuwait	121	122	109	103	116	114
Oman	15	15	20	20	19	17
Qatar	26	12	34	29	28	40
Saudi Arabia	78	77	66	68	75	72
Syria	11	12	14	17	18	18
United Arab Emirates	70	102	89	86	96	94
Yemen	26	24	26	26	29	31

[\*] Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.[\*\*] The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and Italian Ministry for Economic Development.

## Countries (\*)

(years)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>24</b>	<b>27</b>	<b>28</b>	<b>30</b>	<b>32</b>	<b>31</b>
Algeria	19	18	17	17	18	17
Angola	23	20	12	13	14	14
Cameroon	6	9	13	6	7	9
Chad				31	34	32
Congo	12	16	17	18	16	15
Côte d'Ivoire	39	39	7	6	5	7
Dem. Rep. Congo	18	22	20	21	22	23
Egypt	10	11	15	13	14	14
Equatorial Guinea	424	28	9	9	10	11
Gabon	10	25	25	23	23	22
Ghana	8	7	8	7	7	6
Libya	44	55	62	62	72	73
Mauritania				21	20	30
Morocco		1	1	1	1	1
Nigeria	24	29	38	47	47	42
Sudan		4	5	29	29	28
Tunisia	12	12	11	12	14	13

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>17</b>	<b>15</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>13</b>
Australia	8	10	7	7	7	18
Bangladesh	5	39	26	14	15	15
Brunei	21	19	19	19	20	19
China	22	20	14	12	11	14
India	20	17	19	19	19	18
Indonesia	10	9	12	12	11	11
Japan	7	9	9	6	6	7
Malaysia	15	15	10	15	15	15
Myanmar	46	11	6	7	7	7
New Zealand	6	8	6	2	3	3
Pakistan	8	10	12	12	14	14
Papua New Guinea	5	14	12	6	6	8
Philippines			17	17	13	11
Taiwan		11	20	7	7	5
Thailand	5	5	6	4	4	4
Vietnam	10	5	4	5	5	4

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>47</b>	<b>43</b>	<b>42</b>	<b>45</b>	<b>46</b>	<b>44</b>
Argentina	8	9	9	9	10	10
Barbados	5	8	8	5	5	5
Bolivia	10	9	24	24	23	24
Brazil	16	16	17	18	17	16
Canada	208	183	160	151	152	143
Chile	21	43	50	62	62	64
Colombia	16	10	8	7	6	5
Cuba	29	14	35	6	6	6
Ecuador	14	14	24	25	27	38
Guatemala	149	63	78	15	17	19
Mexico	44	23	11	10	10	10
Peru	18	9	22	9	8	8
Suriname	26	20	25	12	10	10
Trinidad and Tobago	11	12	15	13	13	14
United States	10	10	11	12	10	10
Venezuela	59	62	70	93	115	112

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

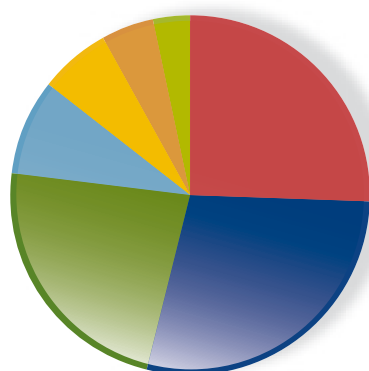
## Areas and Aggregates

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
Europe	16,246	16,352	16,991	16,738	15,817	15,780
Russia and Central Asia	3,431	3,267	3,300	3,614	3,419	3,660
Middle East	4,379	5,004	6,136	7,006	7,221	7,494
Africa	2,169	2,454	2,915	3,193	3,199	3,245
Asia - Pacific	18,015	20,957	24,048	25,422	26,084	27,555
Americas	25,833	28,986	30,829	30,175	29,295	30,181
- North America	19,795	22,034	23,509	22,031	21,216	21,762
- Latin America	6,038	6,952	7,320	8,144	8,079	8,419
<b>World</b>	<b>70,073</b>	<b>77,020</b>	<b>84,219</b>	<b>86,148</b>	<b>85,035</b>	<b>87,915</b>
High Income Countries	46,583	50,067	52,883	51,314	49,685	50,706
Upper Middle Income Countries	12,612	13,487	14,401	15,835	15,372	15,829
Lower Middle Income Countries	10,214	12,713	16,014	17,977	18,948	20,325
Low Income Countries	319	359	443	494	504	521
<b>International Organizations</b>						
European Union	14,198	14,563	15,083	14,770	13,983	13,923
OECD	44,898	47,973	49,897	47,578	45,449	46,131
OPEC	4,814	5,492	6,818	7,799	7,946	8,226

1995

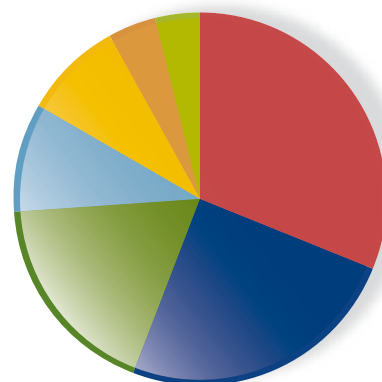
World: 70,073 thousand barrels/day



Asia - Pacific	25.7%	Middle East	6.2%
North America	28.2%	Africa	4.9%
Europe	23.2%	Russia and Central Asia	3.1%
Latin America	8.6%		

2010

World: 87,915 thousand barrels/day



Asia - Pacific	31.3%	Middle East	8.5%
North America	24.8%	Africa	4.2%
Europe	17.9%	Russia and Central Asia	3.7%
Latin America	9.6%		

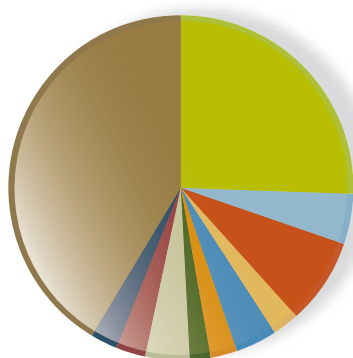
### The First Ten Countries in the World <sup>(\*)</sup>

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
United States	17,978	19,999	21,168	19,789	19,065	19,528
China	3,283	4,570	6,728	7,749	8,369	9,377
Japan	5,693	5,515	5,328	4,788	4,367	4,422
India	1,662	2,335	2,573	3,086	3,262	3,338
Russia	2,823	2,724	2,748	3,004	2,841	3,041
Brazil	1,759	2,141	2,172	2,531	2,567	2,724
Saudi Arabia	1,303	1,567	1,944	2,275	2,493	2,664
Germany	2,882	2,772	2,647	2,572	2,440	2,483
South Korea	2,008	2,135	2,191	2,142	2,185	2,249
Canada	1,817	2,035	2,341	2,242	2,151	2,234
<b>First 10 countries</b>	<b>41,208</b>	<b>45,793</b>	<b>49,840</b>	<b>50,178</b>	<b>49,740</b>	<b>52,062</b>
Rest of the World	28,865	31,227	34,379	35,970	35,295	35,853
<b>World</b>	<b>70,073</b>	<b>77,020</b>	<b>84,219</b>	<b>86,148</b>	<b>85,035</b>	<b>87,915</b>

1995

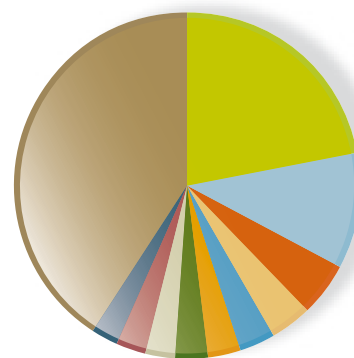
World: 70,073 thousand barrels/day



United States	25.7%	Saudi Arabia	1.9%
China	4.7%	Germany	4.1%
Japan	8.1%	South Korea	2.9%
India	2.4%	Canada	2.6%
Russia	4.0%	Rest of the World	41.2%
Brazil	2.5%		

2010

World: 87,915 thousand barrels/day



United States	22.2%	Saudi Arabia	3.0%
China	10.7%	Germany	2.8%
Japan	5.0%	South Korea	2.6%
India	3.8%	Canada	2.5%
Russia	3.5%	Rest of the World	40.8%
Brazil	3.1%		

[\*] Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

## Countries (\*)

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>16,246</b>	<b>16,352</b>	<b>16,991</b>	<b>16,738</b>	<b>15,817</b>	<b>15,780</b>
Albania	12	21	34	29	30	30
Austria	233	249	299	283	271	276
Belgium	550	606	660	717	608	600
Belarus	209	156	148	156	148	158
Bosnia Herzegovina	14	24	24	27	27	28
Bulgaria	116	86	99	101	107	76
Croatia	83	86	98	96	96	97
Cyprus	40	50	57	60	59	59
Czech Republic	168	170	213	211	206	196
Denmark	223	210	183	181	167	168
Estonia	26	21	25	27	26	27
Finland	203	202	220	214	202	212
France	1,920	2,000	1,991	1,945	1,828	1,814
Germany	2,882	2,772	2,647	2,572	2,440	2,483
Gibraltar	18	22	25	27	27	27
Greece	355	399	424	429	410	374
Hungary	155	143	155	159	157	146
Iceland	15	18	19	21	20	18
Ireland	117	170	192	191	167	164
Italy	1,942	1,854	1,755	1,633	1,528	1,503
Latvia	40	28	36	38	36	39
Lithuania	64	48	59	64	61	65
Luxembourg	37	48	64	61	51	57
Macedonia	17	19	18	18	18	18
Malta	17	29	32	37	36	37
Moldova	21	10	14	17	16	17
Netherlands	767	855	1,021	1,035	1,016	1,026
Norway	208	211	217	229	218	213
Poland	318	411	471	534	535	561
Portugal	290	333	337	289	271	272
Romania	232	202	222	219	192	189
Serbia and Montenegro	34	29	74	84	83	85
Slovakia	65	67	79	86	79	83
Slovenia	48	50	54	64	63	64
Spain	1,187	1,433	1,607	1,547	1,466	1,440
Sweden	388	362	360	345	335	365
Switzerland	267	274	272	268	272	254
Turkey	608	667	659	678	579	591
Ukraine	540	251	308	317	300	321
United Kingdom	1,816	1,765	1,823	1,729	1,667	1,626

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>3,431</b>	<b>3,267</b>	<b>3,300</b>	<b>3,614</b>	<b>3,419</b>	<b>3,660</b>
Russia	2,823	2,724	2,748	3,004	2,841	3,041
Armenia	6	8	9	10	9	10
Azerbaijan	129	123	110	89	84	90
Georgia	32	16	17	19	18	19
Kazakhstan	227	169	201	258	244	262
Kyrgyzstan	11	9	13	26	25	26
Tajikistan	8	4	6	11	10	11
Turkmenistan	58	78	93	111	105	113
Uzbekistan	137	136	102	86	81	87

(\*) Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

## Countries (\*)

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>4,379</b>	<b>5,004</b>	<b>6,136</b>	<b>7,006</b>	<b>7,221</b>	<b>7,494</b>
Bahrain	25	26	38	43	45	47
Iran	1,214	1,365	1,684	1,945	1,832	1,811
Iraq	459	530	576	646	711	769
Israel	227	251	226	228	229	233
Jordan	85	100	111	93	94	95
Kuwait	170	225	356	333	369	366
Lebanon	86	94	104	102	109	115
Oman	55	61	89	116	118	127
Qatar	46	57	106	161	157	161
Saudi Arabia	1,303	1,567	1,944	2,275	2,493	2,664
Syria	226	238	249	285	293	304
United Arab Emirates	410	392	513	618	601	618
Yemen	72	98	140	160	171	185

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>2,169</b>	<b>2,454</b>	<b>2,915</b>	<b>3,193</b>	<b>3,199</b>	<b>3,245</b>
Algeria	211	226	263	295	318	316
Angola	29	37	45	68	69	70
Benin	2	10	18	24	24	25
Cameroon	19	21	22	29	29	30
Congo	4	4	6	11	11	12
Côte d'Ivoire	25	26	25	27	28	28
Dem. Rep. Congo	11	8	13	12	13	14
Egypt	461	545	645	699	725	727
Ethiopia	20	23	35	49	52	54
Gabon	12	13	17	22	21	24
Ghana	25	39	48	55	56	58
Kenya	47	56	60	68	70	72
Libya	206	239	241	258	245	241
Morocco	142	146	197	234	242	248
Mozambique	7	10	11	13	14	14
Nigeria	167	216	270	275	231	276
Senegal	20	31	37	40	40	41
South Africa	437	444	518	530	519	487
Sudan	31	39	75	90	97	104
Tanzania	18	17	30	33	34	36
Tunisia	70	84	89	84	85	87
Zambia	12	11	13	12	12	12
Zimbabwe	28	23	14	13	12	12
Others Africa	165	185	221	253	251	256

(\*) Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

## Countries (\*)

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>18,015</b>	<b>20,957</b>	<b>24,048</b>	<b>25,422</b>	<b>26,084</b>	<b>27,555</b>
Australia	811	872	930	955	947	959
Bangladesh	58	66	91	93	96	99
Brunei	12	13	14	16	16	16
China	3,283	4,570	6,728	7,749	8,369	9,377
Hong Kong	202	249	290	301	341	367
India	1,662	2,335	2,573	3,086	3,262	3,338
Indonesia	853	1,129	1,288	1,321	1,339	1,364
Japan	5,693	5,515	5,328	4,788	4,367	4,422
Malaysia	409	455	523	547	566	537
Myanmar	27	37	41	32	34	35
Nepal	10	15	16	18	18	19
New Zealand	122	131	155	156	156	155
North Korea	27	21	19	18	18	18
Pakistan	292	372	336	392	406	428
Philippines	352	353	315	289	310	314
Singapore	520	733	784	1,014	1,003	1,133
South Korea	2,008	2,135	2,191	2,142	2,185	2,249
Sri Lanka	44	76	96	85	88	92
Taiwan	737	874	979	1,001	1,084	1,120
Thailand	717	743	947	967	1,020	1,035
Vietnam	96	165	266	301	312	326
Others Asia - Pacific	79	97	137	150	149	152

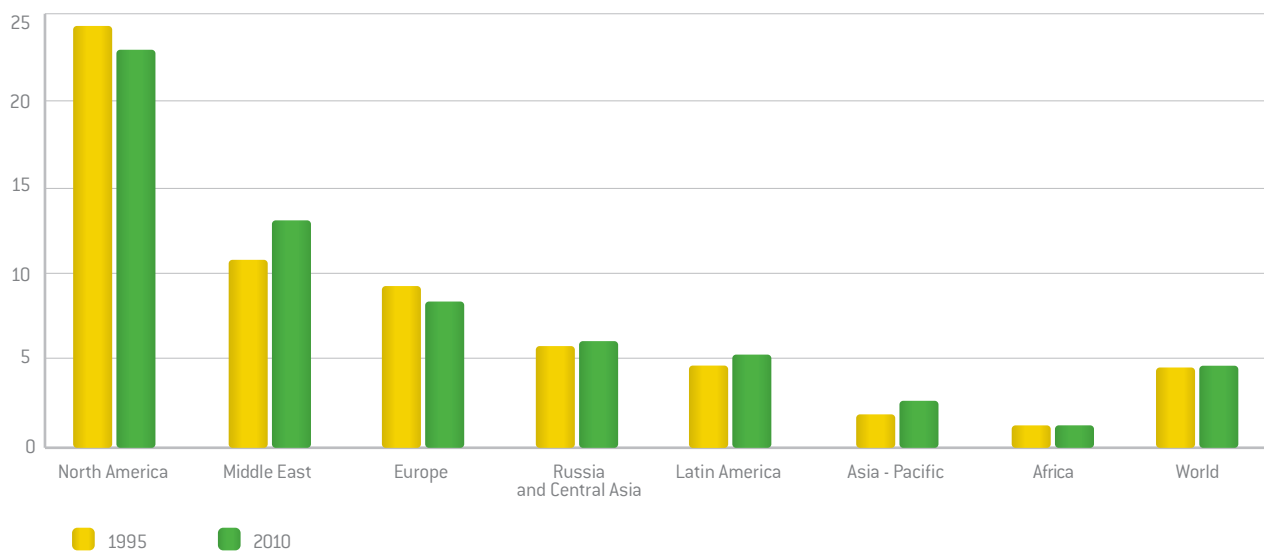
	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>25,833</b>	<b>28,986</b>	<b>30,829</b>	<b>30,175</b>	<b>29,295</b>	<b>30,181</b>
Argentina	519	552	568	651	636	715
Bolivia	42	40	46	61	63	66
Brazil	1,759	2,141	2,172	2,531	2,567	2,724
Canada	1,817	2,035	2,341	2,242	2,151	2,234
Chile	208	231	265	361	354	332
Colombia	291	270	258	274	266	289
Costa Rica	33	35	42	48	48	50
Cuba	152	164	168	187	187	188
Dominican Republic	79	123	114	121	123	128
Ecuador	124	141	179	213	215	225
El Salvador	33	37	43	43	42	42
Guatemala	45	61	69	66	66	68
Haiti	7	10	14	16	17	16
Honduras	24	28	43	49	48	49
Jamaica	57	66	72	80	75	73
Mexico	1,755	2,065	2,117	2,148	2,084	2,141
Netherlands Antilles	50	65	69	72	70	71
Nicaragua	17	24	27	28	27	29
Panama	30	35	42	51	53	56
Paraguay	24	23	25	27	26	29
Peru	156	162	159	185	189	200
Trinidad and Tobago	19	26	29	35	34	34
United States	17,978	19,999	21,168	19,789	19,065	19,528
Uruguay	38	42	41	58	59	63
Venezuela	476	497	641	711	706	708
Others Americas	102	113	120	125	125	126

(\*) Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

## Areas and Aggregates

(barrels)

	1995	2000	2005	2008	2009	2010
Europe	9.30	9.26	9.46	9.20	8.65	8.59
Russia and Central Asia	5.76	5.49	5.55	6.05	5.71	6.10
Middle East	10.70	10.88	11.94	12.74	12.84	13.02
Africa	1.23	1.23	1.31	1.34	1.31	1.30
Asia - Pacific	2.08	2.26	2.46	2.52	2.56	2.67
Americas	12.17	12.76	12.81	12.14	11.66	11.89
- North America	24.14	25.39	25.86	23.56	22.47	22.84
- Latin America	4.64	4.95	4.89	5.25	5.15	5.31
<b>World</b>	<b>4.58</b>	<b>4.71</b>	<b>4.86</b>	<b>4.80</b>	<b>4.68</b>	<b>4.79</b>
High Income Countries	16.74	17.42	17.81	16.93	16.28	16.50
Upper Middle Income Countries	5.30	5.36	5.47	5.86	5.64	5.75
Lower Middle Income Countries	1.18	1.36	1.61	1.75	1.82	1.93
Low Income Countries	0.22	0.22	0.25	0.26	0.26	0.26
<b>International Organizations</b>						
European Union	10.85	11.04	11.23	10.85	10.23	10.14
OECD	15.02	15.49	15.58	14.55	13.80	13.91
OPEC	6.03	6.14	6.84	7.36	7.34	7.45

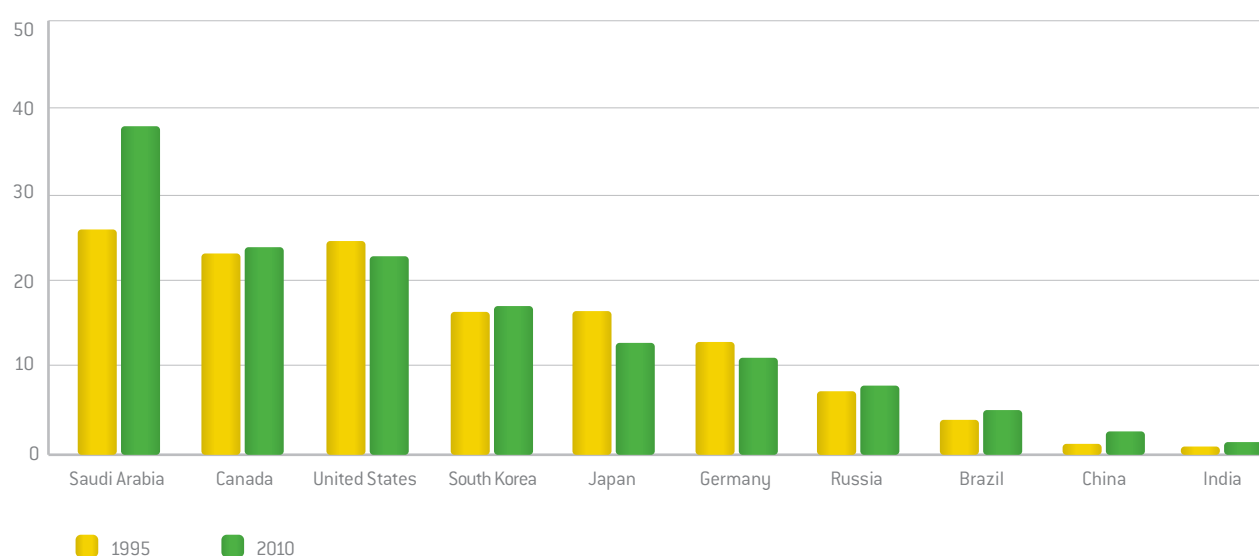




### The First Ten Countries in the World (\*)

(barrels)

	1995	2000	2005	2008	2009	2010
Saudi Arabia	25.70	27.68	30.69	33.69	36.14	37.85
Canada	22.59	24.14	26.45	24.56	23.33	23.99
United States	24.31	25.52	25.80	23.45	22.38	22.71
South Korea	16.25	16.58	16.62	16.09	16.35	16.78
Japan	16.57	15.87	15.22	13.69	12.48	12.64
Germany	12.88	12.31	11.72	11.43	10.86	11.07
Russia	6.95	6.80	7.01	7.73	7.34	7.87
Brazil	3.97	4.49	4.26	4.81	4.83	5.07
China	0.99	1.32	1.88	2.13	2.29	2.55
India	0.65	0.84	0.86	0.99	1.03	1.04



(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

## Countries (\*)

(barrels)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>9.30</b>	<b>9.26</b>	<b>9.46</b>	<b>9.20</b>	<b>8.65</b>	<b>8.59</b>
Albania	1.45	2.54	3.94	3.40	3.46	3.50
Austria	10.69	11.36	13.27	12.37	11.79	11.96
Belgium	19.80	21.59	22.98	24.44	20.58	20.17
Belarus	7.50	5.68	5.51	5.89	5.59	6.00
Bosnia Herzegovina	1.57	2.37	2.29	2.65	2.63	2.67
Bulgaria	5.03	3.88	4.65	4.82	5.15	3.66
Croatia	6.52	7.12	8.02	7.93	7.88	7.99
Cyprus	19.86	23.15	24.70	25.27	24.67	24.54
Czech Republic	5.94	6.03	7.59	7.40	7.16	6.77
Denmark	15.57	14.36	12.36	12.02	11.00	11.05
Estonia	6.62	5.62	6.81	7.36	6.97	7.47
Finland	14.51	14.25	15.28	14.69	13.83	14.43
France	12.12	12.39	11.94	11.44	10.68	10.54
Germany	12.88	12.31	11.72	11.43	10.86	11.07
Greece	12.18	13.35	13.93	13.93	13.25	12.06
Hungary	5.48	5.12	5.60	5.78	5.72	5.33
Iceland	20.43	23.68	23.81	24.34	22.11	19.94
Ireland	11.83	16.30	16.84	15.67	13.35	12.84
Italy	12.47	11.88	10.93	9.96	9.25	9.03
Latvia	5.82	4.32	5.73	6.13	5.83	6.27
Lithuania	6.45	5.02	6.33	6.96	6.62	7.13
Luxembourg	33.05	39.78	50.08	45.30	37.77	41.49
Macedonia	3.09	3.39	3.17	3.20	3.18	3.22
Malta	16.48	26.76	28.65	32.41	31.29	32.50
Moldova	1.77	0.89	1.36	1.71	1.64	1.77
Netherlands	18.11	19.59	22.84	22.99	22.51	22.66
Norway	17.41	17.18	17.11	17.55	16.52	15.93
Poland	3.01	3.90	4.50	5.11	5.12	5.37
Portugal	10.56	11.88	11.66	9.92	9.27	9.29
Romania	3.73	3.29	3.75	3.71	3.26	3.22
Serbia and Montenegro	1.47	1.31	3.36	3.84	3.83	3.90
Slovakia	4.42	4.52	5.32	5.80	5.35	5.59
Slovenia	8.79	9.21	9.84	11.42	11.27	11.34
Spain	11.00	12.99	13.52	12.39	11.56	11.17
Sweden	16.04	14.90	14.54	13.67	13.18	14.24
Switzerland	13.84	13.93	13.33	12.81	12.92	11.94
Turkey	3.63	3.66	3.38	3.35	2.83	2.85
Ukraine	3.83	1.86	2.39	2.50	2.38	2.57
United Kingdom	11.42	10.94	11.05	10.28	9.85	9.54

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>5.76</b>	<b>5.49</b>	<b>5.55</b>	<b>6.05</b>	<b>5.71</b>	<b>6.10</b>
Russia	6.95	6.80	7.01	7.73	7.34	7.87
Armenia	0.68	0.95	1.08	1.19	1.12	1.20
Azerbaijan	6.14	5.60	4.80	3.75	3.51	3.71
Georgia	2.33	1.24	1.39	1.59	1.52	1.64
Kazakhstan	5.23	4.14	4.84	6.01	5.62	5.95
Kyrgyzstan	0.88	0.67	0.93	1.80	1.69	1.79
Tajikistan	0.51	0.24	0.34	0.59	0.55	0.58
Turkmenistan	5.06	6.35	7.05	8.07	7.53	7.96
Uzbekistan	2.20	2.01	1.43	1.15	1.07	1.13

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

## Countries (\*)

[barrels]

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>10.70</b>	<b>10.88</b>	<b>11.94</b>	<b>12.74</b>	<b>12.84</b>	<b>13.02</b>
Bahrain	15.88	14.64	19.19	20.48	20.80	21.36
Iran	7.52	7.79	8.89	9.86	9.17	8.94
Iraq	7.99	7.88	7.54	7.75	8.30	8.72
Israel	14.95	14.55	11.90	11.38	11.22	11.24
Jordan	7.42	7.62	7.46	5.74	5.62	5.52
Kuwait	34.42	37.53	51.21	44.58	48.13	46.69
Lebanon	8.98	9.08	9.50	9.00	9.51	9.94
Oman	9.22	9.31	12.35	15.21	15.18	15.90
Qatar	31.74	33.84	43.74	45.96	39.44	35.84
Saudi Arabia	25.70	27.68	30.69	33.69	36.14	37.85
Syria	5.65	5.26	4.76	4.91	4.87	4.87
United Arab Emirates	61.60	44.06	45.64	50.34	47.53	47.48
Yemen	1.70	1.98	2.42	2.53	2.62	2.75

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>1.23</b>	<b>1.23</b>	<b>1.31</b>	<b>1.34</b>	<b>1.31</b>	<b>1.30</b>
Algeria	2.72	2.71	2.93	3.14	3.33	3.26
Angola	0.83	0.95	0.99	1.37	1.36	1.35
Benin	0.12	0.57	0.85	0.99	0.98	0.97
Cameroon	0.50	0.49	0.46	0.55	0.55	0.56
Congo	0.49	0.50	0.66	1.08	1.11	1.15
Côte d'Ivoire	0.60	0.54	0.47	0.48	0.48	0.48
Dem. Rep. Congo	0.09	0.06	0.08	0.07	0.07	0.07
Egypt	2.64	2.83	3.05	3.13	3.19	3.14
Ethiopia	0.13	0.13	0.17	0.22	0.23	0.23
Gabon	3.88	3.91	4.44	5.54	5.29	5.74
Ghana	0.52	0.73	0.81	0.86	0.86	0.87
Kenya	0.63	0.65	0.61	0.65	0.64	0.65
Libya	15.58	16.34	14.84	15.02	13.97	13.47
Morocco	1.96	1.87	2.39	2.73	2.80	2.83
Mozambique	0.17	0.20	0.20	0.23	0.23	0.23
Nigeria	0.56	0.63	0.70	0.66	0.54	0.64
Senegal	0.84	1.15	1.20	1.18	1.17	1.17
South Africa	4.08	3.68	4.03	3.98	3.84	3.56
Sudan	0.37	0.41	0.70	0.79	0.84	0.88
Tanzania	0.22	0.19	0.28	0.28	0.28	0.29
Tunisia	2.85	3.22	3.25	2.98	2.99	3.00
Zambia	0.50	0.37	0.41	0.34	0.34	0.34
Zimbabwe	0.86	0.68	0.42	0.37	0.36	0.35

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

## Countries (\*)

(barrels)

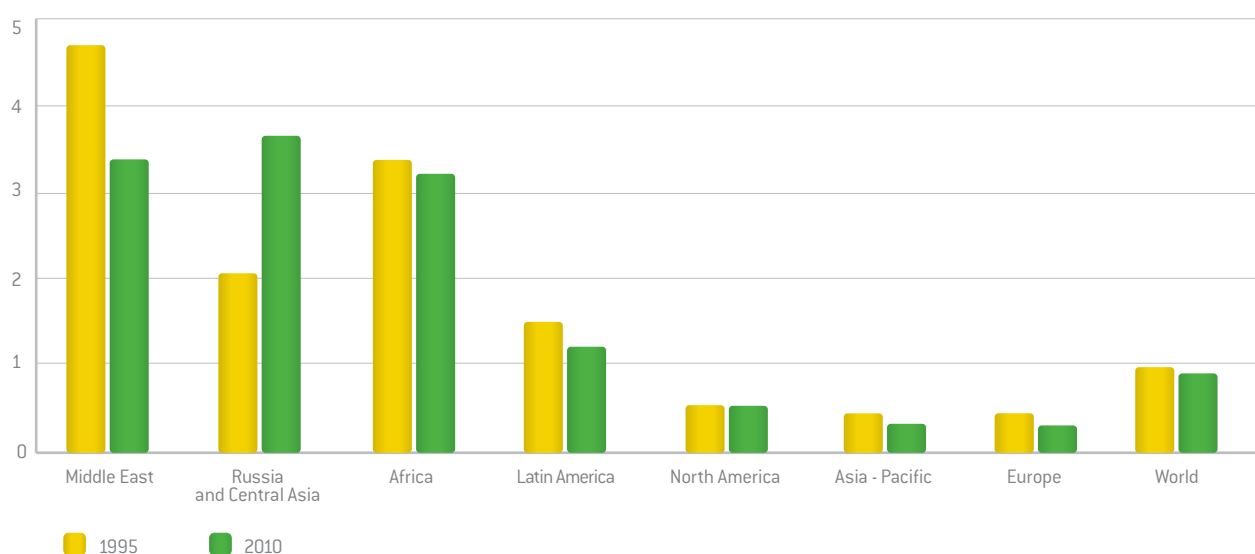
	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>2.08</b>	<b>2.26</b>	<b>2.46</b>	<b>2.52</b>	<b>2.56</b>	<b>2.67</b>
Australia	16.38	16.63	16.65	16.30	15.92	15.87
Bangladesh	0.17	0.17	0.22	0.21	0.22	0.22
Brunei	14.37	13.96	13.31	14.94	14.22	14.18
China	0.99	1.32	1.88	2.13	2.29	2.55
Hong Kong	11.97	13.66	15.55	15.73	17.67	18.90
India	0.65	0.84	0.86	0.99	1.03	1.04
Indonesia	1.62	2.00	2.13	2.11	2.12	2.13
Japan	16.57	15.87	15.22	13.69	12.48	12.64
Malaysia	7.26	7.13	7.45	7.40	7.53	7.03
Myanmar	0.23	0.29	0.31	0.24	0.25	0.26
Nepal	0.18	0.23	0.22	0.23	0.23	0.23
New Zealand	12.12	12.44	13.68	13.35	13.19	12.97
North Korea	0.45	0.33	0.29	0.27	0.27	0.27
Pakistan	0.87	0.98	0.79	0.86	0.87	0.90
Philippines	1.84	1.66	1.34	1.17	1.23	1.22
Singapore	53.80	66.46	67.12	76.51	72.55	78.27
South Korea	16.25	16.58	16.62	16.09	16.35	16.78
Sri Lanka	0.88	1.49	1.78	1.55	1.57	1.64
Taiwan	12.65	14.38	15.72	15.88	17.14	17.63
Thailand	4.35	4.35	5.24	5.24	5.48	5.53
Vietnam	0.48	0.78	1.17	1.28	1.30	1.35

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>12.17</b>	<b>12.76</b>	<b>12.81</b>	<b>12.14</b>	<b>11.66</b>	<b>11.89</b>
Argentina	5.44	5.46	5.35	5.96	5.77	6.42
Bolivia	2.05	1.75	1.84	2.30	2.34	2.39
Brazil	3.97	4.49	4.26	4.81	4.83	5.07
Canada	22.59	24.14	26.45	24.56	23.33	23.99
Chile	5.26	5.47	5.93	7.87	7.63	7.09
Colombia	2.91	2.48	2.20	2.25	2.15	2.31
Costa Rica	3.42	3.30	3.55	3.91	3.81	3.90
Cuba	5.07	5.36	5.44	6.08	6.08	6.10
Dominican Republic	3.59	5.11	4.40	4.50	4.52	4.62
Ecuador	3.96	4.19	4.99	5.78	5.75	5.96
El Salvador	2.11	2.30	2.58	2.57	2.47	2.48
Guatemala	1.64	1.98	2.00	1.76	1.72	1.73
Haiti	0.31	0.43	0.56	0.61	0.61	0.58
Honduras	1.60	1.67	2.32	2.46	2.36	2.38
Jamaica	8.33	9.24	9.86	10.90	10.11	9.82
Mexico	7.03	7.69	7.50	7.37	7.08	7.20
Netherlands Antilles	96.08	131.91	134.61	135.38	129.33	129.53
Nicaragua	1.32	1.71	1.82	1.77	1.74	1.79
Panama	4.05	4.35	4.78	5.53	5.59	5.82
Paraguay	1.85	1.55	1.52	1.57	1.49	1.64
Peru	2.38	2.28	2.08	2.34	2.37	2.48
Trinidad and Tobago	5.33	7.35	7.88	9.54	9.30	9.27
United States	24.31	25.52	25.80	23.45	22.38	22.71
Uruguay	4.36	4.64	4.48	6.39	6.49	6.81
Venezuela	7.88	7.47	8.80	9.28	9.07	8.94

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

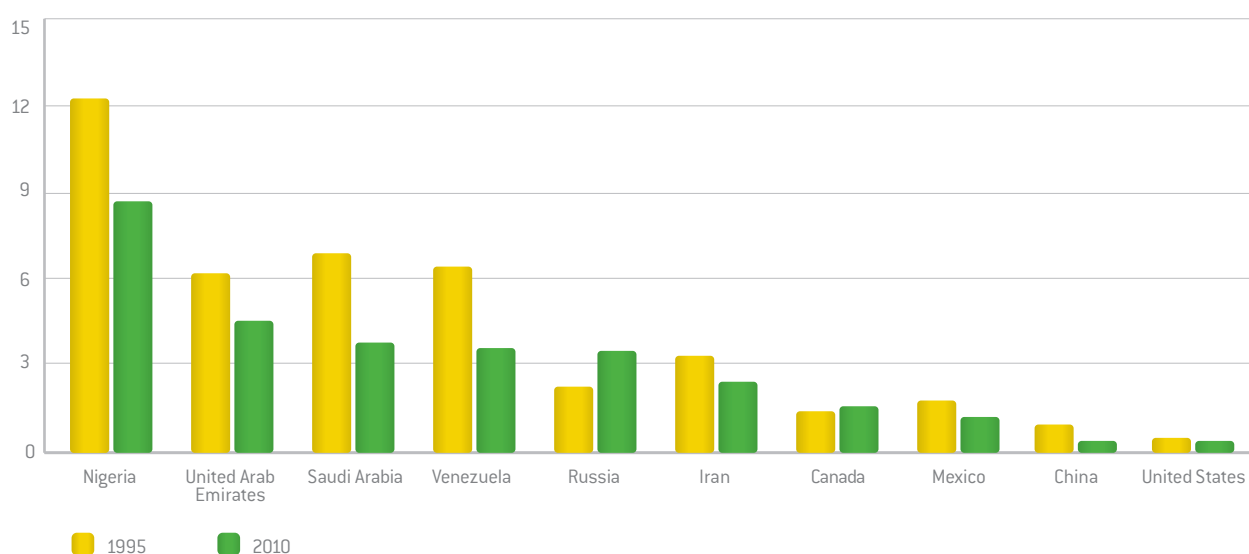
## Areas and Aggregates

	1995	2000	2005	2008	2009	2010
Europe	0.41	0.44	0.35	0.30	0.30	0.28
Russia and Central Asia	2.05	2.41	3.55	3.51	3.85	3.67
Middle East	4.69	4.70	4.17	3.77	3.45	3.40
Africa	3.38	3.19	3.40	3.27	3.15	3.22
Asia - Pacific	0.41	0.38	0.33	0.32	0.31	0.30
Americas	0.77	0.72	0.68	0.67	0.69	0.70
- North America	0.55	0.49	0.43	0.46	0.50	0.51
- Latin America	1.47	1.47	1.47	1.22	1.20	1.18
<b>World</b>	<b>0.98</b>	<b>0.98</b>	<b>0.97</b>	<b>0.96</b>	<b>0.96</b>	<b>0.95</b>
High Income Countries	0.72	0.70	0.68	0.69	0.68	0.68
Upper Middle Income Countries	1.83	1.87	2.14	1.96	2.02	1.99
Lower Middle Income Countries	1.18	1.17	0.96	0.91	0.86	0.83
Low Income Countries	0.16	0.13	0.52	0.40	0.37	0.37
<b>International Organizations</b>						
European Union	0.25	0.24	0.18	0.16	0.16	0.15
OECD	0.47	0.46	0.40	0.39	0.41	0.41
OPEC	5.68	5.60	5.09	4.57	4.22	4.20



The First Ten Countries in the World <sup>(\*)</sup>

	1995	2000	2005	2008	2009	2010
Nigeria	12.23	10.02	9.31	7.66	9.10	8.83
United Arab Emirates	6.07	6.69	5.84	5.03	4.63	4.61
Saudi Arabia	6.85	5.79	5.45	4.57	3.80	3.66
Venezuela	6.34	6.47	4.70	3.61	3.35	3.44
Russia	2.19	2.40	3.51	3.33	3.59	3.44
Iran	3.05	2.76	2.52	2.23	2.33	2.35
Canada	1.32	1.34	1.30	1.45	1.50	1.51
Mexico	1.75	1.67	1.78	1.47	1.43	1.38
China	0.91	0.71	0.54	0.49	0.46	0.44
United States	0.47	0.40	0.33	0.35	0.39	0.40



(\*) Data source: Eni's calculations. The original data are from IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

Countries <sup>(\*)</sup>

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>0.41</b>	<b>0.44</b>	<b>0.35</b>	<b>0.30</b>	<b>0.30</b>	<b>0.28</b>
Albania	0.72	0.30	0.21	0.27	0.27	0.35
Austria	0.09	0.08	0.06	0.07	0.08	0.08
Belarus	0.19	0.24	0.24	0.22	0.22	0.19
Bulgaria	0.01	0.01	0.01	0.01	0.01	0.01
Croatia	0.46	0.33	0.22	0.20	0.22	0.20
Czech Republic	0.04	0.04	0.05	0.03	0.03	0.03
Denmark	0.83	1.73	2.06	1.58	1.57	1.46
France	0.03	0.02	0.02	0.01	0.01	0.02
Germany	0.03	0.03	0.04	0.04	0.04	0.03
Greece	0.03	0.01	0.00	0.00	0.00	0.01
Hungary	0.39	0.27	0.24	0.19	0.20	0.17
Italy	0.05	0.04	0.07	0.07	0.07	0.07
Netherlands	0.09	0.06	0.05	0.05	0.04	0.03
Norway	13.95	15.83	13.70	10.73	10.94	10.11
Poland	0.02	0.04	0.06	0.05	0.05	0.04
Romania	0.62	0.65	0.51	0.46	0.50	0.49
Serbia and Montenegro	0.69	0.75	0.20	0.18	0.17	0.15
Slovakia	0.02	0.02	0.09	0.08	0.05	0.06
Turkey	0.11	0.08	0.07	0.06	0.08	0.08
Ukraine	0.15	0.32	0.31	0.30	0.32	0.29
United Kingdom	1.54	1.53	1.01	0.90	0.89	0.84

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>2.05</b>	<b>2.41</b>	<b>3.55</b>	<b>3.51</b>	<b>3.85</b>	<b>3.67</b>
Russia	2.19	2.40	3.51	3.33	3.59	3.44
Azerbaijan	1.48	2.29	4.06	10.17	12.46	11.55
Georgia	0.04	0.14	0.08	0.05	0.05	0.04
Kazakhstan	1.87	4.26	6.45	5.58	6.45	6.25
Kyrgyzstan	0.18	0.17	0.17	0.04	0.04	0.03
Tajikistan	0.10	0.10	0.05	0.02	0.02	0.02
Turkmenistan	1.20	2.02	2.15	2.03	1.94	1.74
Uzbekistan	1.21	1.29	1.15	1.25	1.39	1.26

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>4.69</b>	<b>4.70</b>	<b>4.17</b>	<b>3.77</b>	<b>3.45</b>	<b>3.40</b>
Bahrain	6.28	7.53	5.16	4.48	4.31	4.06
Iran	3.05	2.76	2.52	2.23	2.33	2.35
Iraq	1.21	4.88	3.18	3.74	3.48	3.15
Kuwait	11.38	8.35	6.35	7.43	5.96	6.08
Oman	15.81	15.65	8.58	6.50	6.87	6.83
Qatar	11.42	15.04	11.68	9.00	9.56	10.72
Saudi Arabia	6.85	5.79	5.45	4.57	3.80	3.66
Syria	2.76	2.48	1.94	1.41	1.28	1.27
United Arab Emirates	6.07	6.69	5.84	5.03	4.63	4.61
Yemen	4.88	4.57	3.00	1.97	1.68	1.43

(\*) Data source: Eni's calculations. The original data are from IEA *Energy Statistics* © OECD/International Energy Agency, 2011.

## Countries (\*)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>3.38</b>	<b>3.19</b>	<b>3.40</b>	<b>3.27</b>	<b>3.15</b>	<b>3.22</b>
Algeria	6.17	6.34	7.33	6.61	5.91	6.07
Angola	22.40	20.12	27.69	27.89	26.27	25.84
Benin	1.04	0.00	0.00	0.00	0.00	0.00
Cameroon	6.17	5.42	3.72	3.01	2.52	2.12
Congo	49.05	63.88	39.66	22.50	24.14	24.70
Côte d'Ivoire	0.29	0.27	1.66	1.66	1.80	1.37
Dem. Rep. Congo	2.59	2.89	1.97	1.90	1.78	1.57
Egypt	2.08	1.40	1.07	1.10	1.03	1.02
Gabon	29.89	20.88	16.25	10.90	11.12	10.34
Ghana	0.24	0.18	0.12	0.11	0.11	0.12
Libya	6.94	6.15	7.15	7.12	6.78	6.90
Morocco	0.01	0.04	0.03	0.02	0.02	0.02
Nigeria	12.23	10.02	9.31	7.66	9.10	8.83
South Africa	0.38	0.45	0.43	0.38	0.38	0.41
Sudan	0.00	4.49	4.09	5.30	4.93	4.66
Tunisia	1.33	0.85	0.83	1.04	0.98	1.00

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>0.41</b>	<b>0.38</b>	<b>0.33</b>	<b>0.32</b>	<b>0.31</b>	<b>0.30</b>
Australia	0.72	0.92	0.59	0.58	0.58	0.54
Bangladesh	0.05	0.06	0.07	0.06	0.05	0.05
Brunei	15.68	15.29	14.50	9.53	9.79	9.94
China	0.91	0.71	0.54	0.49	0.46	0.44
India	0.47	0.33	0.30	0.26	0.24	0.26
Indonesia	1.83	1.29	0.84	0.76	0.73	0.71
Malaysia	1.90	1.56	1.52	1.38	1.31	1.33
Myanmar	0.33	0.33	0.55	0.58	0.59	0.58
New Zealand	0.39	0.34	0.16	0.40	0.38	0.37
Pakistan	0.19	0.15	0.19	0.17	0.16	0.15
Philippines	0.01	0.00	0.08	0.08	0.10	0.11
South Korea	0.00	0.01	0.00	0.01	0.01	0.01
Thailand	0.15	0.22	0.28	0.32	0.32	0.32
Vietnam	1.76	2.02	1.46	1.11	1.10	1.14

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>0.77</b>	<b>0.72</b>	<b>0.68</b>	<b>0.67</b>	<b>0.69</b>	<b>0.70</b>
Argentina	1.48	1.51	1.39	1.16	1.14	0.97
Bolivia	0.82	0.99	1.09	0.87	0.87	0.82
Brazil	0.41	0.59	0.79	0.75	0.79	0.78
Canada	1.32	1.34	1.30	1.45	1.50	1.51
Chile	0.08	0.04	0.03	0.02	0.02	0.02
Colombia	2.01	2.56	2.06	2.16	2.54	2.73
Cuba	0.17	0.33	0.35	0.32	0.32	0.31
Ecuador	3.11	2.86	2.99	2.36	2.20	2.08
Guatemala	0.20	0.38	0.26	0.22	0.20	0.18
Mexico	1.75	1.67	1.78	1.47	1.43	1.38
Peru	0.79	0.64	0.73	0.65	0.77	0.77
Trinidad and Tobago	7.65	5.27	6.29	4.36	4.41	4.27
United States	0.47	0.40	0.33	0.35	0.39	0.40
Venezuela	6.34	6.47	4.70	3.61	3.35	3.44

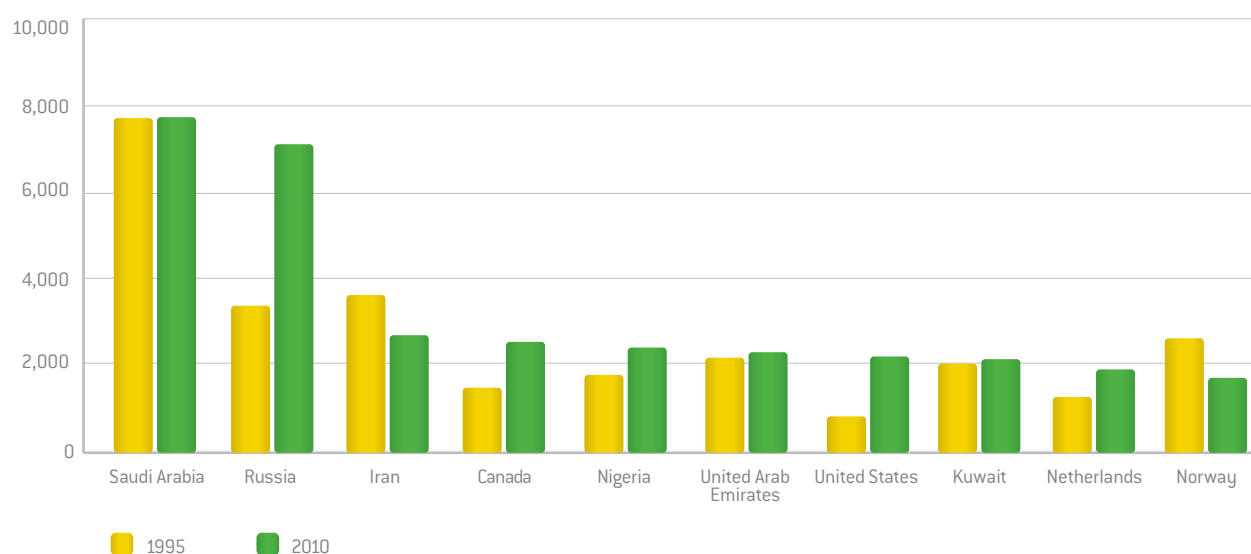
(\*) Data source: Eni's calculations. The original data are from IEA *Energy Statistics* © OECD/International Energy Agency, 2011.



### The First Ten Countries in the World <sup>(\*)</sup>

Crude and non conventional oil, natural gas liquids, feedstocks and products  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
Saudi Arabia	7,603	7,562	8,862	8,516	7,323	7,644
Russia	3,363	3,958	6,713	6,786	6,978	7,136
Iran	2,620	2,482	2,861	2,627	2,622	2,711
Canada	1,537	1,955	2,214	2,475	2,410	2,549
Nigeria	1,791	2,278	2,440	2,124	2,189	2,463
United Arab Emirates	2,108	2,298	2,488	2,698	2,351	2,314
United States	840	1,035	1,177	1,863	1,996	2,194
Kuwait	1,978	1,887	2,373	2,515	2,117	2,158
Netherlands	1,228	1,353	1,618	1,707	1,906	2,137
Norway	2,793	3,223	2,662	2,254	2,196	1,964
<b>First 10 countries</b>	<b>25,860</b>	<b>28,033</b>	<b>33,408</b>	<b>33,564</b>	<b>32,086</b>	<b>33,269</b>
Rest of the World	22,117	28,231	30,841	32,192	31,271	31,385
<b>World</b>	<b>47,977</b>	<b>56,265</b>	<b>64,249</b>	<b>65,756</b>	<b>63,357</b>	<b>64,654</b>



(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

## Countries (\*)

Crude and non conventional oil, natural gas liquids, feedstocks and products  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>						
Albania	0	0	0	4	5	7
Austria	20	30	45	50	44	44
Belgium	375	478	524	516	439	437
Belarus	59	141	288	331	338	353
Bosnia Herzegovina	0	2	0	0	0	0
Bulgaria	42	41	54	78	70	75
Croatia	49	39	42	38	39	40
Czech Republic	19	21	26	28	24	34
Denmark	185	367	361	281	271	258
Estonia	4	3	4	6	6	6
Finland	87	107	108	139	135	148
France	335	478	575	619	494	416
Germany	310	449	554	527	462	367
Greece	86	89	124	153	183	201
Hungary	43	37	65	67	68	56
Ireland	19	25	28	23	18	27
Italy	348	444	610	611	569	659
Latvia	1	3	10	3	6	7
Lithuania	37	68	147	153	145	148
Macedonia	1	4	7	8	7	7
Netherlands	1,228	1,353	1,618	1,707	1,906	2,137
Norway	2,793	3,223	2,662	2,254	2,196	1,964
Poland	17	37	61	64	50	72
Portugal	77	29	49	52	47	59
Romania	101	60	125	107	96	76
Serbia and Montenegro	0	0	2	5	7	7
Slovakia	36	60	75	78	82	74
Slovenia	2	5	4	11	10	14
Spain	174	156	176	213	231	242
Sweden	195	222	214	253	247	263
Switzerland	9	12	9	13	10	8
Turkey	31	26	114	134	66	109
Ukraine	28	48	151	76	79	84
United Kingdom	2,245	2,391	1,778	1,639	1,499	1,438

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>						
Russia	3,363	3,958	6,713	6,786	6,978	7,136
Azerbaijan	42	157	338	801	937	942
Georgia	0	2	2	1	1	1
Kazakhstan	223	648	1,212	1,376	1,514	1,552
Kyrgyzstan	1	0	3	7	7	7
Tajikistan	1	0	0	0	0	0
Turkmenistan	29	84	112	122	110	116
Uzbekistan	19	8	6	6	11	4

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>						
Bahrain	243	242	234	214	213	221
Iran	2,620	2,482	2,861	2,627	2,622	2,711
Iraq	98	2,175	1,400	1,796	1,845	1,810
Israel	40	71	73	71	67	74
Kuwait	1,978	1,887	2,373	2,515	2,117	2,158
Oman	814	920	736	619	696	768
Qatar	414	702	885	1,090	1,088	1,288
Saudi Arabia	7,603	7,562	8,862	8,516	7,323	7,644
Syria	391	357	224	132	101	111
United Arab Emirates	2,108	2,298	2,488	2,698	2,351	2,314
Yemen	299	388	314	225	203	223

(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

**Countries (\*)**

Crude and non conventional oil, natural gas liquids, feedstocks and products  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>						
Algeria	1,103	1,393	1,740	1,618	1,456	1,565
Angola	583	764	1,222	1,881	1,807	1,687
Benin	2	0	6	11	12	13
Cameroon	104	128	99	94	88	85
Chad	0	0	174	134	124	159
Congo	177	262	239	229	267	248
Côte d'Ivoire	42	50	89	91	89	99
Dem. Rep. Congo	23	24	25	23	22	23
Egypt	453	258	162	183	190	151
Equatorial Guinea	5	118	364	348	304	353
Gabon	359	271	260	228	230	209
Ghana	4	6	9	7	6	6
Kenya	7	9	3	1	1	1
Libya	1,240	1,168	1,482	1,586	1,297	1,158
Mauritania	15	0	0	12	11	15
Morocco	10	28	28	15	17	11
Nigeria	1,791	2,278	2,440	2,124	2,189	2,463
Senegal	2	3	6	0	0	1
South Africa	69	120	119	62	40	68
Sudan	0	144	239	400	388	398
Tanzania	1	0	0	0	0	0
Tunisia	84	72	74	89	86	91
<b>Asia - Pacific</b>						
Australia	275	481	348	351	346	392
Bangladesh	0	1	2	3	3	3
Brunei	174	194	204	181	176	176
China	476	427	513	495	435	434
Hong Kong	157	35	48	19	18	17
India	81	169	467	785	568	522
Indonesia	1,087	836	540	423	372	343
Japan	176	88	174	390	352	346
Malaysia	513	548	583	510	504	552
New Zealand	22	31	17	61	54	53
Pakistan	12	17	29	27	29	29
Papua New Guinea	94	73	56	47	45	42
Philippines	19	37	40	46	33	37
Singapore	981	847	1,284	1,575	1,752	1,728
South Korea	312	826	711	903	895	922
Sri Lanka	6	3	0	0	0	0
Taiwan	32	50	312	360	396	331
Thailand	26	148	193	231	246	236
Vietnam	162	331	365	296	298	283

(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

Countries <sup>(\*)</sup>

Crude and non conventional oil, natural gas liquids, feedstocks and products  
(thousand barrels/day)

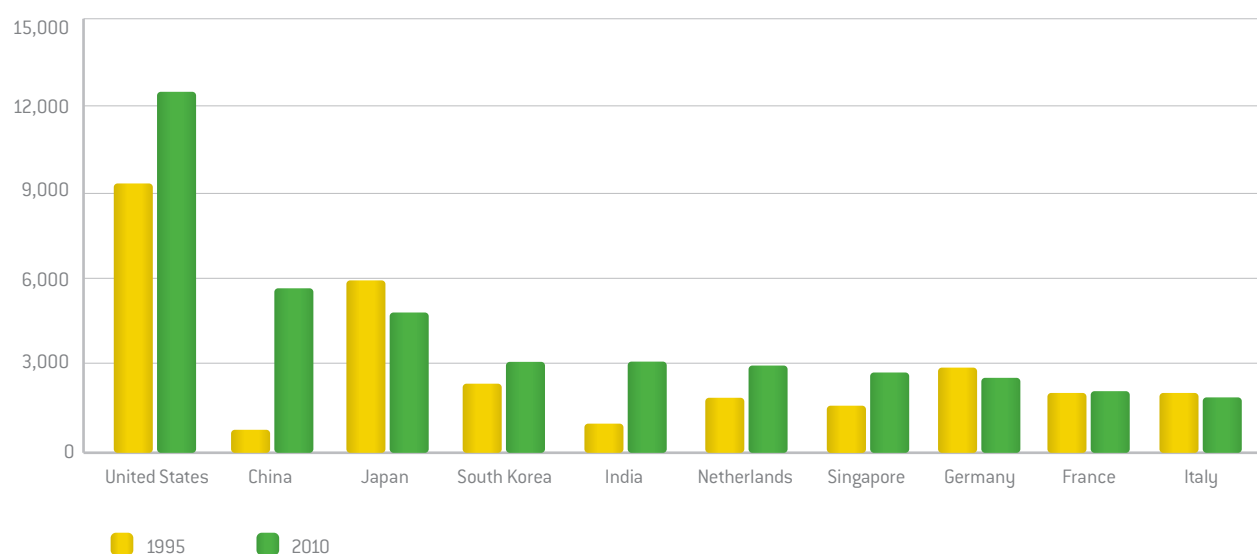
	1995	2000	2005	2008	2009	2010
<b>Americas</b>						
Argentina	351	395	314	174	162	148
Barbados	0	1	2	1	1	1
Bolivia	0	0	12	7	12	12
Brazil	56	133	451	592	665	776
Canada	1,537	1,955	2,214	2,475	2,410	2,549
Chile	1	18	36	27	27	14
Colombia	364	458	310	312	413	541
Costa Rica	3	3	2	2	3	2
Ecuador	288	282	395	391	363	368
El Salvador	0	5	5	2	2	2
Guatemala	7	19	17	17	17	16
Jamaica	0	4	0	9	11	8
Mexico	1,488	1,870	2,047	1,585	1,467	1,567
Netherlands Antilles	239	203	214	192	167	169
Nicaragua	0	1	1	0	0	0
Panama	21	19	0	0	0	0
Peru	48	40	73	79	89	88
Suriname	1	1	3	3	3	3
Trinidad and Tobago	156	201	222	229	223	268
United States	840	1,035	1,177	1,863	1,996	2,194
Uruguay	1	3	9	6	3	5
Venezuela	2,607	2,942	2,578	2,049	1,954	1,759

(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

### The First Ten Countries in the World <sup>(\*)</sup>

Crude and non conventional oil, natural gas liquids, feedstocks and products  
[thousand barrels/day]

	1995	2000	2005	2008	2009	2010
United States	9,210	11,992	14,338	13,580	12,350	12,454
China	700	1,924	3,382	4,510	4,960	5,674
Japan	5,895	5,686	5,545	5,117	4,642	4,853
South Korea	2,321	3,057	2,816	2,976	3,091	3,170
India	973	1,715	2,319	3,014	3,107	3,078
Netherlands	1,864	2,190	2,620	2,722	2,849	3,061
Singapore	1,568	1,601	2,062	2,505	2,775	2,814
Germany	2,910	2,947	2,959	2,809	2,618	2,580
France	2,106	2,345	2,466	2,427	2,250	2,128
Italy	2,040	2,100	2,072	1,950	1,820	1,857
<b>First 10 countries</b>	<b>29,588</b>	<b>35,555</b>	<b>40,579</b>	<b>41,610</b>	<b>40,462</b>	<b>41,667</b>
Rest of the World	18,036	20,571	23,899	25,329	24,541	24,588
<b>World</b>	<b>47,624</b>	<b>56,126</b>	<b>64,478</b>	<b>66,939</b>	<b>65,003</b>	<b>66,255</b>



(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

## Countries (\*)

Crude and non conventional oil, natural gas liquids, feedstocks and products  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>						
Albania	2	15	25	24	27	25
Austria	218	244	304	293	278	279
Belgium	913	1,072	1,181	1,212	1,048	1,030
Belarus	238	258	399	469	489	498
Bosnia Herzegovina	12	26	23	27	30	28
Bulgaria	171	123	158	177	154	168
Croatia	91	84	112	112	112	116
Cyprus	40	50	56	60	59	60
Czech Republic	180	176	223	221	208	207
Denmark	214	208	176	191	179	186
Estonia	25	19	22	23	23	23
Finland	253	320	332	366	340	337
France	2,106	2,345	2,466	2,427	2,250	2,128
Germany	2,910	2,947	2,959	2,809	2,618	2,580
Greece	423	469	523	563	543	539
Hungary	151	142	186	190	184	176
Iceland	15	19	20	20	19	18
Ireland	135	188	201	197	178	192
Italy	2,040	2,100	2,072	1,950	1,820	1,857
Latvia	43	26	45	39	38	39
Lithuania	108	110	191	202	185	194
Luxembourg	37	49	64	60	51	55
Macedonia	21	24	25	26	28	27
Malta	17	29	32	37	36	30
Moldova	22	10	15	16	16	16
Netherlands	1,864	2,190	2,620	2,722	2,849	3,061
Norway	95	91	100	105	118	108
Poland	335	442	515	577	560	594
Portugal	363	352	385	336	308	308
Romania	235	128	199	212	177	165
Serbia and Montenegro	16	10	73	82	73	80
Slovakia	106	113	138	147	142	139
Slovenia	49	56	59	76	64	68
Spain	1,377	1,596	1,779	1,767	1,667	1,630
Sweden	530	548	581	604	561	588
Switzerland	254	260	271	267	272	267
Turkey	564	637	691	730	566	625
Ukraine	470	223	343	289	310	307
United Kingdom	1,211	1,426	1,696	1,760	1,626	1,662

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>						
Russia	232	124	49	70	57	69
Armenia	6	8	9	10	10	10
Azerbaijan	1	2	4	1	1	2
Georgia	31	15	17	19	14	17
Kazakhstan	46	78	113	116	128	122
Kyrgyzstan	11	7	14	31	30	32
Tajikistan	8	4	6	11	11	12
Turkmenistan	11	3	3	3	3	3
Uzbekistan	8	0	0	0	0	0

(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

## Countries (\*)

Crude and non conventional oil, natural gas liquids, feedstocks and products  
[thousand barrels/day]

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>						
Bahrain	69	71	80	77	77	78
Iran	76	33	167	187	180	131
Israel	266	309	306	305	324	311
Jordan	81	96	114	92	92	94
Kuwait	0	9	0	0	0	0
Lebanon	88	94	97	89	110	107
Oman	4	3	16	33	38	39
Saudi Arabia	0	0	42	160	192	146
Syria	20	40	24	57	53	45
United Arab Emirates	209	176	286	377	356	359
Yemen	21	39	55	62	66	69

	1995	2000	2005	2008	2009	2010
<b>Africa</b>						
Algeria	12	7	15	21	29	24
Angola	5	11	21	41	41	52
Benin	2	11	24	35	37	41
Cameroon	22	35	37	39	37	42
Chad	1	1	2	2	3	3
Congo	0	0	2	5	6	6
Côte d'Ivoire	61	69	77	66	64	71
Dem. Rep. Congo	12	8	13	12	12	14
Egypt	8	79	129	161	229	234
Equatorial Guinea	0	2	4	5	5	6
Ethiopia	27	22	31	42	44	47
Gabon	2	3	3	6	9	8
Ghana	27	46	53	64	61	67
Kenya	52	73	64	69	77	78
Libya	1	1	1	1	1	1
Madagascar	10	15	18	19	17	19
Mauritania	26	8	10	12	13	15
Morocco	158	182	225	241	250	257
Mozambique	7	11	11	13	14	15
Nigeria	3	163	148	133	150	197
Rwanda	1	2	3	4	4	4
Senegal	20	34	44	41	44	46
South Africa	392	470	520	544	501	532
Sudan	32	13	17	24	13	17
Tanzania	21	16	30	33	35	38
Tunisia	50	72	87	86	84	86
Zambia	12	11	13	12	12	13
Zimbabwe	33	22	14	13	12	11

(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.

## Countries (\*)

Crude and non conventional oil, natural gas liquids, feedstocks and products  
(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>						
Afghanistan	6	3	5	4	4	5
Australia	431	553	650	745	739	755
Bangladesh	55	64	86	93	95	98
Brunei	1	0	0	1	2	2
China	700	1,924	3,382	4,510	4,960	5,674
Hong Kong	349	290	323	329	390	396
India	973	1,715	2,319	3,014	3,107	3,078
Indonesia	373	476	767	699	691	703
Japan	5,895	5,686	5,545	5,117	4,642	4,853
Malaysia	188	304	336	332	365	461
Mongolia	8	9	12	18	17	18
Myanmar	13	29	26	13	9	15
Nepal	11	15	16	18	18	19
New Zealand	105	130	148	158	156	155
North Korea	26	21	18	17	17	16
Pakistan	251	337	295	359	391	381
Papua New Guinea	16	19	32	34	31	35
Philippines	371	380	326	321	295	316
Singapore	1,568	1,601	2,062	2,505	2,775	2,814
South Korea	2,321	3,057	2,816	2,976	3,091	3,170
Sri Lanka	52	79	84	84	88	91
Taiwan	762	923	1,243	1,257	1,278	1,282
Thailand	659	729	896	848	839	853
Vietnam	104	179	255	307	336	329

	1995	2000	2005	2008	2009	2010
<b>Americas</b>						
Argentina	53	49	26	34	22	42
Barbados	5	6	8	8	9	9
Bolivia	4	6	5	10	19	18
Brazil	757	717	564	715	660	851
Canada	727	1,060	1,185	1,143	1,055	1,009
Chile	195	247	295	375	354	329
Colombia	35	9	19	6	9	14
Costa Rica	35	41	43	52	49	50
Cuba	116	111	97	144	146	138
Dominican Republic	91	131	119	121	119	117
Ecuador	20	25	61	77	82	82
El Salvador	33	43	48	43	44	45
Guatemala	43	59	72	69	80	81
Haiti	7	10	14	17	15	16
Honduras	25	29	41	54	54	57
Jamaica	56	75	68	91	79	84
Mexico	138	459	422	600	550	676
Netherlands Antilles	306	277	288	273	273	274
Nicaragua	18	24	28	28	29	30
Panama	50	57	43	46	41	41
Paraguay	23	24	24	27	26	27
Peru	81	98	121	137	126	129
Suriname	6	6	6	6	7	7
Trinidad and Tobago	30	98	89	103	109	108
United States	9,210	11,992	14,338	13,580	12,350	12,454
Uruguay	35	33	39	53	54	54

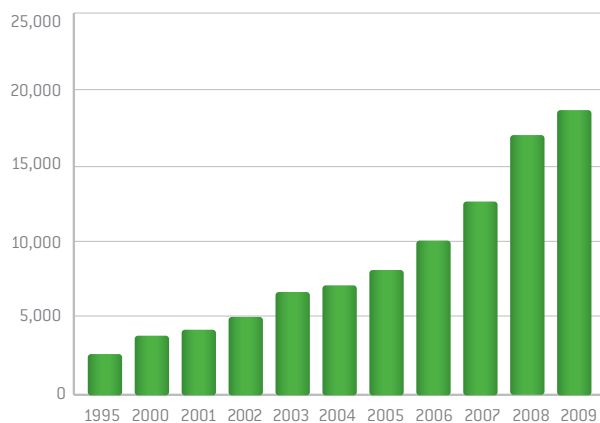
(\*) Data source: the original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database*. They have been converted by Eni considering 1 ton of oil equal to 7.3 barrels.



## Biogasoline (\*)

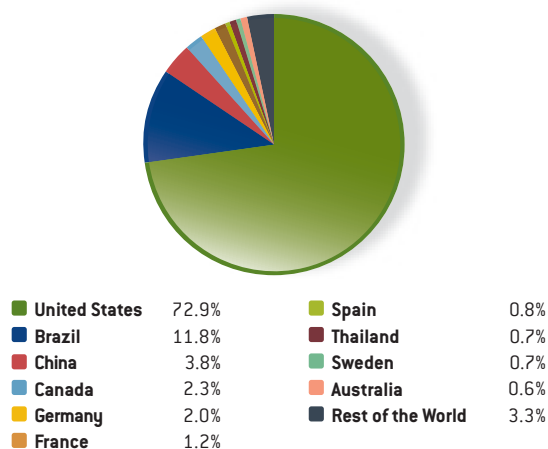
(thousand tons)

World



2009

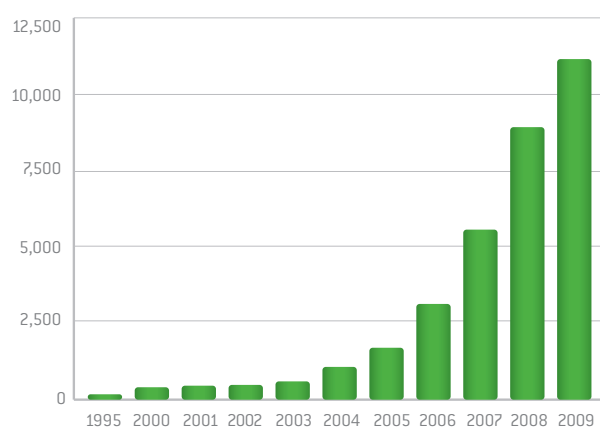
World: 18,689 thousand tons



## Biodiesel (\*)

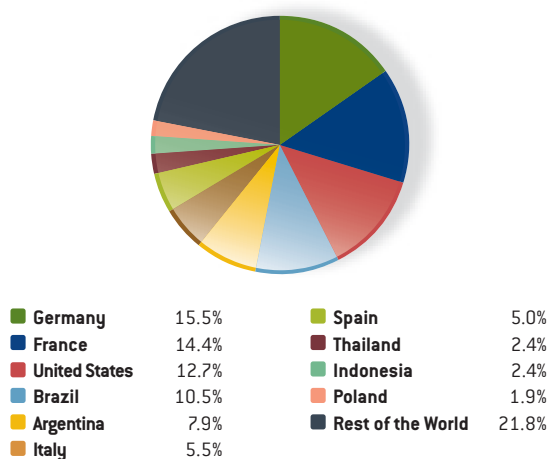
(thousand tons)

World



2009

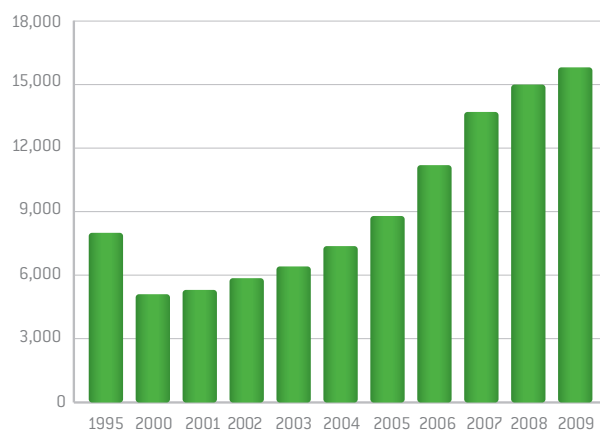
World: 11,171 thousand tons



## Others biofuels (\*)

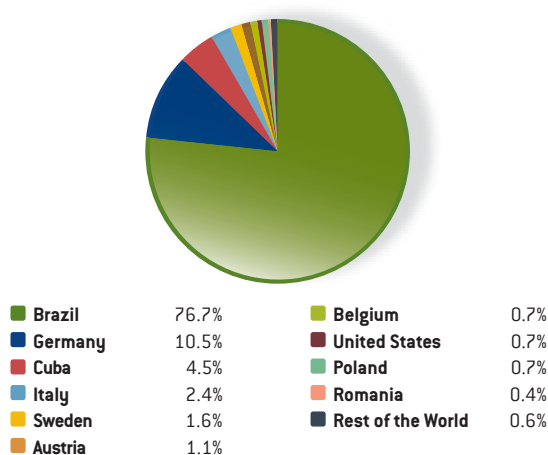
(thousand tons)

World



2009

World: 15,793 thousand tons

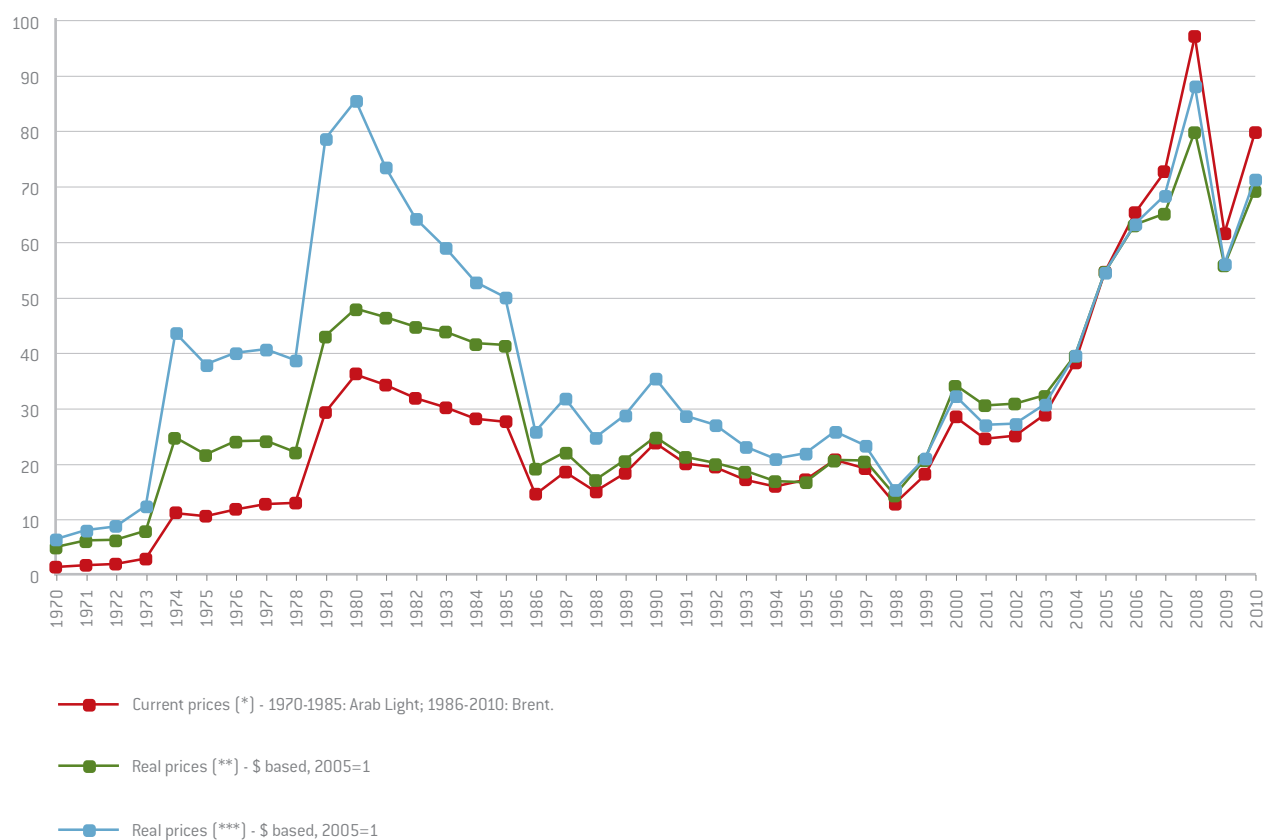


(\*) Data source: IEA Energy Statistics © OECD/International Energy Agency, 2011.

Other biofuels includes, among others, ethanol used pure in Brazil (Hydrous) and vegetable oil used pure in Germany.

## Crude Oil Prices

(US\$/barrel)

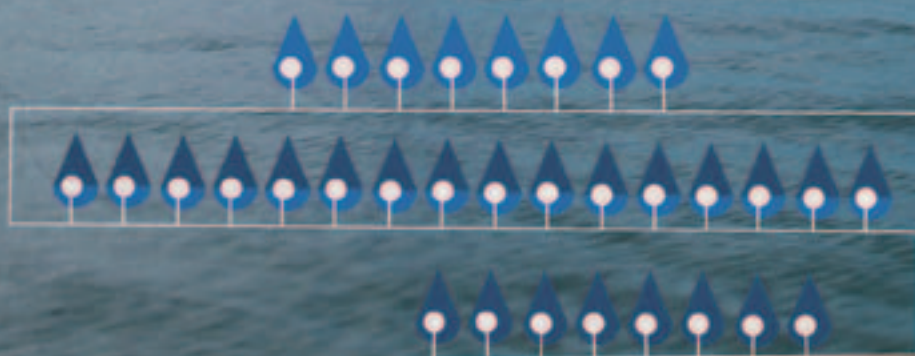


Data source: (\*) Crude oil prices 1970-1987 - IEA, crude oil prices 1988-2010 - Platt's.

(\*\*) Deflator Industrial Countries Unit Value of Export Index - IMF.

(\*\*\*) Deflator US Consumer Price Index - Bureau of Labor Statistics.

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## Natural Gas



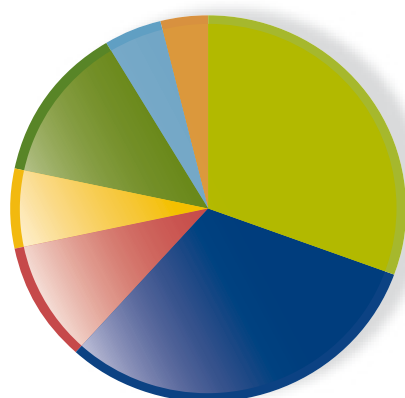
## Areas and Aggregates

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
Europe	281.35	324.22	338.94	329.94	315.95	319.00
Russia and Central Asia	667.15	676.53	759.33	812.87	705.00	777.23
Middle East	140.15	202.07	310.97	394.84	414.65	479.45
Africa	82.34	128.56	182.07	204.77	193.47	205.25
Asia - Pacific	218.17	282.44	369.54	419.31	439.46	481.09
Americas	778.55	850.21	873.33	936.69	932.97	969.37
- North America	673.66	710.00	686.54	733.26	732.29	757.81
- Latin America	104.89	140.20	186.79	203.43	200.68	211.56
<b>World</b>	<b>2,167.71</b>	<b>2,464.03</b>	<b>2,834.18</b>	<b>3,098.42</b>	<b>3,001.49</b>	<b>3,231.37</b>
High Income Countries	1,064.78	1,205.25	1,290.68	1,398.81	1,397.03	1,479.34
Upper Middle Income Countries	831.69	907.95	1,056.75	1,135.76	1,058.97	1,148.18
Lower Middle Income Countries	263.17	335.79	458.09	530.97	511.97	568.21
Low Income Countries	8.08	15.04	28.65	32.88	33.53	35.64
<b>International Organizations</b>						
European Union	226.28	247.88	225.03	200.50	182.55	186.17
OECD	981.59	1,075.28	1,076.50	1,128.82	1,116.76	1,148.90
OPEC	225.63	312.92	431.84	511.92	515.46	577.74

1995

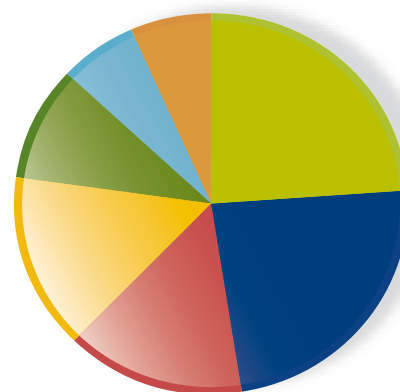
World: 2,167.71 billion cubic metres



Russia and Central Asia	30.8%	Europe	13.0%
North America	31.1%	Latin America	4.8%
Asia - Pacific	10.1%	Africa	3.8%
Middle East	6.5%		

2010

World: 3,231.37 billion cubic metres



Russia and Central Asia	24.1%	Europe	9.9%
North America	23.5%	Latin America	6.5%
Asia - Pacific	14.9%	Africa	6.4%
Middle East	14.8%		

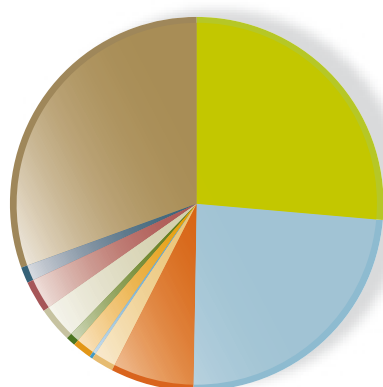
The First Ten Countries in the World <sup>(\*)</sup>

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
Russia	573.13	561.43	615.22	637.83	560.19	624.61
United States	518.31	533.06	502.78	560.30	570.94	600.15
Canada	155.35	176.94	183.76	172.96	161.35	157.66
Iran	42.51	59.46	99.54	128.83	138.65	146.41
Qatar	8.76	25.98	47.70	83.11	94.88	127.97
Norway	33.70	55.20	89.50	103.91	108.16	108.73
China	17.91	27.15	49.23	80.15	85.11	96.60
Indonesia	69.97	72.44	78.17	76.69	79.99	91.47
Algeria	55.65	83.33	90.19	88.02	83.67	86.57
Saudi Arabia	33.17	40.85	66.32	72.82	73.19	79.77
<b>First 10 countries</b>	<b>1,508.47</b>	<b>1,635.84</b>	<b>1,822.41</b>	<b>2,004.63</b>	<b>1,956.11</b>	<b>2,119.93</b>
Rest of the World	659.24	828.20	1,011.76	1,093.79	1,045.38	1,111.44
<b>World</b>	<b>2,167.71</b>	<b>2,464.03</b>	<b>2,834.18</b>	<b>3,098.42</b>	<b>3,001.49</b>	<b>3,231.37</b>

1995

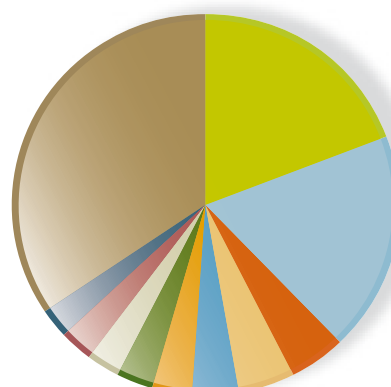
World: 2,167.71 billion cubic metres



Russia	26.4%	China	0.8%
United States	23.9%	Indonesia	3.2%
Canada	7.2%	Algeria	2.6%
Iran	2.0%	Saudi Arabia	1.5%
Qatar	0.4%	Rest of the World	30.4%
Norway	1.6%		

2010

World: 3,231.37 billion cubic metres



Russia	19.3%	China	3.0%
United States	18.6%	Indonesia	2.8%
Canada	4.9%	Algeria	2.7%
Iran	4.5%	Saudi Arabia	2.5%
Qatar	4.0%	Rest of the World	34.4%
Norway	3.4%		

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011. They have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

**Countries (\*)**

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>281.35</b>	<b>324.22</b>	<b>338.94</b>	<b>329.94</b>	<b>315.95</b>	<b>319.00</b>
Albania	0.03	0.01	0.02	0.01	0.01	0.01
Austria	1.50	1.83	1.67	1.57	1.71	1.77
Belarus	0.26	0.25	0.23	0.20	0.20	0.20
Bulgaria	0.05	0.01	0.46	0.19	0.02	0.06
Croatia	1.92	1.62	2.23	2.62	2.62	2.59
Czech Republic	0.24	0.20	0.18	0.19	0.17	0.20
Denmark	5.61	8.84	11.19	10.76	8.98	8.71
France	3.33	1.79	1.08	0.97	0.91	0.74
Germany	18.01	18.85	16.96	13.49	13.26	11.61
Greece	0.05	0.05	0.02	0.02	0.01	0.00
Hungary	4.52	2.95	2.78	2.39	2.73	2.66
Ireland	2.68	1.14	0.55	0.42	0.38	0.38
Italy	19.91	16.25	11.79	9.04	7.83	8.11
Netherlands	72.60	62.24	67.11	71.43	67.28	75.66
Norway	33.70	55.20	89.50	103.91	108.16	108.73
Poland	3.78	3.95	4.63	4.40	4.39	4.41
Romania	17.23	13.08	11.57	10.73	10.66	10.38
Serbia and Montenegro	0.81	0.74	0.27	0.26	0.25	0.25
Slovakia	0.32	0.16	0.15	0.10	0.11	0.11
Slovenia	0.02	0.01	0.00	0.00	0.00	0.01
Spain	0.45	0.18	0.17	0.02	0.01	0.05
Turkey	0.18	0.63	0.88	1.00	0.67	0.66
Ukraine	18.17	17.89	20.80	21.45	21.50	20.39
United Kingdom	75.99	116.35	94.69	74.78	64.10	61.32

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>667.15</b>	<b>676.53</b>	<b>759.33</b>	<b>812.87</b>	<b>705.00</b>	<b>777.23</b>
Russia	573.13	561.43	615.22	637.83	560.19	624.61
Azerbaijan	6.42	5.66	5.54	16.31	16.30	18.18
Georgia	0.01	0.07	0.02	0.01	0.01	0.01
Kazakhstan	5.72	9.09	18.88	24.69	27.21	28.38
Kyrgyzstan	0.04	0.03	0.03	0.02	0.02	0.02
Tajikistan	0.04	0.04	0.03	0.04	0.04	0.04
Turkmenistan	34.68	45.58	61.20	68.48	37.06	43.17
Uzbekistan	47.11	54.64	58.42	65.49	64.18	62.83

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>140.16</b>	<b>202.07</b>	<b>310.97</b>	<b>394.84</b>	<b>414.65</b>	<b>479.45</b>
Bahrain	4.73	5.93	7.45	9.31	9.42	12.47
Iran	42.51	59.46	99.54	128.83	138.65	146.41
Iraq	3.09	3.07	1.41	1.83	1.12	1.22
Israel	0.02	0.01	1.61	3.34	2.59	3.14
Jordan	0.26	0.25	0.21	0.18	0.19	0.25
Kuwait	9.04	9.35	11.98	12.37	11.19	11.58
Oman	4.58	11.44	22.30	27.11	28.08	30.73
Qatar	8.76	25.98	47.70	83.11	94.88	127.97
Saudi Arabia	33.18	40.85	66.32	72.82	73.19	79.77
Syria	2.67	5.90	5.90	5.70	5.98	8.22
United Arab Emirates	31.32	39.83	46.54	50.22	48.81	51.09
Yemen	0.00	0.00	0.00	0.00	0.56	6.62

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

## Countries (\*)

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>82.34</b>	<b>128.57</b>	<b>182.07</b>	<b>204.77</b>	<b>193.47</b>	<b>205.25</b>
Algeria	55.65	83.33	90.19	88.02	83.67	86.58
Angola	0.55	0.56	0.63	0.66	0.67	0.67
Cameroon	0.00	0.00	0.00	0.37	0.31	0.31
Congo	0.00	0.00	0.02	0.03	0.06	0.06
Côte d'Ivoire	0.05	1.51	1.49	1.58	1.58	1.58
Dem. Rep. Congo	0.00	0.00	0.00	0.01	0.01	0.01
Egypt	12.27	21.22	49.56	58.66	61.41	60.06
Gabon	0.13	0.12	0.15	0.18	0.18	0.18
Libya	6.18	5.73	11.01	16.69	15.49	15.39
Morocco	0.01	0.05	0.04	0.05	0.04	0.05
Mozambique	0.00	0.00	2.23	2.99	2.92	3.40
Nigeria	5.25	12.14	21.82	30.91	22.61	32.06
Senegal	0.06	0.00	0.02	0.01	0.02	0.02
South Africa	2.05	1.67	2.13	1.74	1.02	0.93
Tanzania	0.00	0.00	0.40	0.55	0.65	0.77
Tunisia	0.16	2.25	2.38	2.31	2.84	3.20

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>218.17</b>	<b>282.44</b>	<b>369.54</b>	<b>419.31</b>	<b>439.46</b>	<b>481.09</b>
Australia	29.82	34.04	42.26	46.98	49.12	51.39
Bangladesh	6.55	8.80	12.88	16.80	18.28	19.23
Brunei	11.16	11.29	11.93	13.47	12.47	12.80
China	17.91	27.15	49.23	80.15	85.11	96.60
India	20.67	27.51	30.94	31.36	45.91	50.59
Indonesia	69.97	72.44	78.17	76.69	79.99	91.47
Japan	2.44	2.73	3.45	4.25	4.09	3.83
Malaysia	26.43	45.68	59.43	62.58	60.06	64.26
Myanmar	1.45	6.17	13.09	12.48	11.62	12.18
New Zealand	4.56	6.03	3.85	4.10	4.23	4.41
Pakistan	15.69	19.88	30.59	31.56	32.56	33.44
Philippines	0.01	0.01	3.22	3.81	3.83	3.48
South Korea	0.00	0.00	0.53	0.23	0.53	0.49
Taiwan	0.90	0.71	0.52	0.34	0.34	0.26
Thailand	10.39	18.65	22.07	26.84	22.86	26.84
Vietnam	0.22	1.34	7.40	7.69	8.47	9.81

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>778.55</b>	<b>850.21</b>	<b>873.33</b>	<b>936.69</b>	<b>932.97</b>	<b>969.37</b>
Argentina	25.44	40.19	47.62	46.69	44.33	43.00
Bolivia	3.65	3.36	12.11	14.65	12.60	14.78
Brazil	4.94	7.13	11.01	14.03	11.79	14.23
Canada	155.35	176.95	183.76	172.96	161.35	157.66
Chile	1.71	1.91	1.92	1.49	1.18	1.80
Colombia	4.32	6.51	7.30	7.84	10.61	11.39
Cuba	0.02	0.56	0.74	1.15	1.13	1.13
Ecuador	0.33	0.34	0.47	0.49	0.51	0.51
Mexico	28.24	31.88	36.50	45.50	45.81	45.86
Peru	0.45	0.59	1.94	3.87	4.89	9.79
Trinidad and Tobago	6.00	15.46	32.99	41.78	43.16	44.57
United States	518.31	533.06	502.78	560.30	570.94	600.15
Venezuela	29.79	32.29	34.21	25.96	24.67	24.50

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011. They have been converted by Eni using a unified gross calorific value of 39 MJ/cm.



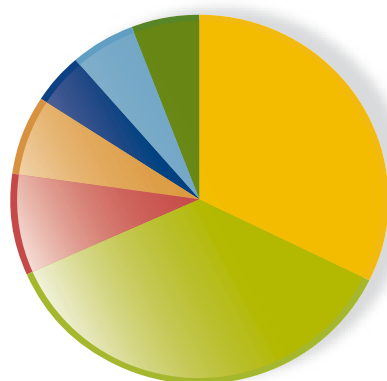
## Areas and Aggregates

(billion cubic metres as at 1<sup>st</sup> January)

	1995	2000	2005	2008	2009	2010	2011
Europe	8,104	9,199	7,544	7,164	7,036	6,788	6,351
Russia and Central Asia	51,405	51,670	52,675	52,805	58,588	59,516	59,516
Middle East	45,994	54,742	72,513	73,573	75,193	75,437	76,328
Africa	9,858	11,434	14,078	14,511	14,706	14,720	15,517
Asia - Pacific	12,481	12,182	13,886	14,973	15,704	15,727	15,754
Americas	14,292	14,137	14,425	16,085	16,470	17,375	17,413
- North America	6,537	6,459	7,044	8,364	8,679	9,406	9,406
- Latin America	7,755	7,678	7,381	7,721	7,791	7,969	8,007
<b>World</b>	<b>142,134</b>	<b>153,364</b>	<b>175,121</b>	<b>179,111</b>	<b>187,697</b>	<b>189,563</b>	<b>190,878</b>
High Income Countries	38,219	43,074	57,964	58,785	59,844	60,651	61,080
Upper Middle Income Countries	82,379	87,514	90,383	91,905	93,651	94,919	94,992
Lower Middle Income Countries	20,652	21,845	25,546	27,185	33,007	32,791	33,604
Low Income Countries	884	931	1,228	1,236	1,195	1,202	1,202
<b>International Organizations</b>							
European Union	4,035	4,217	3,226	3,053	2,923	2,866	2,768
OECD	17,905	17,088	16,248	16,599	17,586	18,154	17,704
OPEC	57,410	66,655	86,630	88,457	90,326	90,844	91,710

1995

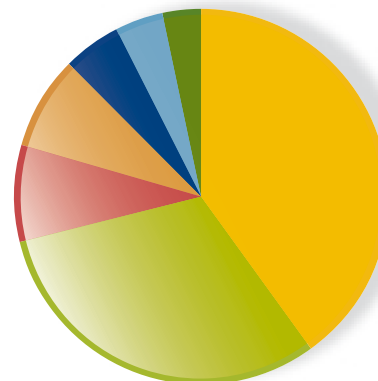
World: 142,134 billion cubic metres as at 1<sup>st</sup> January



Middle East	32.4%	North America	4.6%
Russia and Central Asia	36.2%	Latin America	5.5%
Asia - Pacific	8.8%	Europe	5.7%
Africa	6.9%		

2011

World: 190,878 billion cubic metres as at 1<sup>st</sup> January

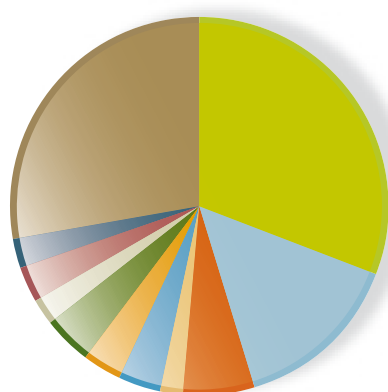


Middle East	40.0%	North America	4.9%
Russia and Central Asia	31.2%	Latin America	4.2%
Asia - Pacific	8.3%	Europe	3.3%
Africa	8.1%		

The First Ten Countries in the World <sup>(\*)</sup>(billion cubic metres as at 1<sup>st</sup> January)

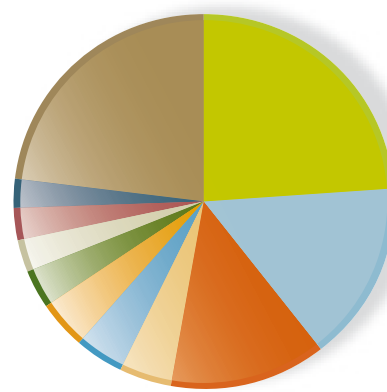
	1995	2000	2005	2008	2009	2010	2011
Russia	44,000	44,000	44,840	44,900	44,900	46,000	46,000
Iran	20,764	25,000	27,500	28,080	29,610	29,610	29,610
Qatar	8,500	11,157	25,783	25,636	25,466	25,366	25,267
Turkmenistan	2,680	2,680	2,680	2,680	8,400	8,340	8,340
Saudi Arabia	5,260	6,146	6,834	7,300	7,570	7,920	8,287
United States	4,639	4,740	5,451	6,730	6,925	7,721	7,721
United Arab Emirates	5,777	5,995	6,052	6,075	6,090	6,090	6,504
Nigeria	3,450	3,512	5,117	5,292	5,292	5,292	5,338
Venezuela	3,964	4,155	4,287	4,838	4,982	5,241	5,327
Algeria	3,690	4,520	4,545	4,504	4,504	4,504	4,504
<b>First 10 countries</b>	<b>102,724</b>	<b>111,905</b>	<b>133,089</b>	<b>136,035</b>	<b>143,739</b>	<b>146,084</b>	<b>146,898</b>
Rest of the World	39,410	41,459	42,032	43,076	43,958	43,479	43,981
<b>World</b>	<b>142,134</b>	<b>153,364</b>	<b>175,121</b>	<b>179,111</b>	<b>187,697</b>	<b>189,563</b>	<b>190,878</b>

1995

World: 142,134 billion cubic metres as at 1<sup>st</sup> January

Russia	31.0%	United Arab Emirates	4.1%
Iran	14.6%	Nigeria	2.4%
Qatar	6.0%	Venezuela	2.8%
Turkmenistan	1.9%	Algeria	2.6%
Saudi Arabia	3.7%	Rest of the World	27.7%
United States	3.3%		

2011

World: 190,878 billion cubic metres as at 1<sup>st</sup> January

Russia	24.1%	United Arab Emirates	3.4%
Iran	15.5%	Nigeria	2.8%
Qatar	13.2%	Venezuela	2.8%
Turkmenistan	4.4%	Algeria	2.4%
Saudi Arabia	4.3%	Rest of the World	23.0%
United States	4.0%		

(\*) Data source: Enerdata Global Energy Market & CO<sub>2</sub> Database.

## Countries (\*)

(billion cubic metres as at 1<sup>st</sup> January)

	1995	2000	2005	2008	2009	2010	2011
<b>Europe</b>	<b>8,104</b>	<b>9,199</b>	<b>7,544</b>	<b>7,164</b>	<b>7,036</b>	<b>6,788</b>	<b>6,351</b>
Albania	2	2	2	2	2	2	2
Austria	22	26	20	20	19	17	17
Belarus	20	20	20	20	20	20	20
Bulgaria	3	6	4	3	4	5	5
Croatia	37	34	28	30	28	25	20
Czech Republic	18	4	3	3	3	3	3
Denmark	190	142	132	105	107	105	100
France	20	10	7	7	6	6	6
Germany	222	270	191	137	126	98	98
Greece	9	1	1	1	1	1	1
Hungary	98	30	23	16	14	12	12
Ireland	20	30	25	24	25	25	25
Italy	314	208	125	84	70	64	66
Moldova	20	20	20	20	20	20	20
Netherlands	1,845	1,714	1,449	1,266	1,222	1,247	1,222
Norway	2,868	3,808	3,159	2,961	2,986	2,819	2,485
Poland	155	146	109	97	93	98	98
Romania	425	348	295	628	617	606	606
Serbia and Montenegro	47	44	42	40	40	40	40
Slovakia	15	15	14	13	13	13	13
Spain	19	2	3	3	3	3	3
Turkey	25	9	7	8	7	6	6
Ukraine	1,050	1,045	1,040	1,030	1,010	990	990
United Kingdom	660	1,265	826	647	601	564	494

	1995	2000	2005	2008	2009	2010	2011
<b>Russia and Central Asia</b>	<b>51,405</b>	<b>51,670</b>	<b>52,675</b>	<b>52,805</b>	<b>58,588</b>	<b>59,516</b>	<b>59,516</b>
Russia	44,000	44,000	44,840	44,900	44,900	46,000	46,000
Armenia	165	165	165	165	164	164	164
Azerbaijan	900	1,275	1,275	1,285	1,359	1,310	1,310
Georgia	50	50	50	50	50	50	50
Kazakhstan	1,840	1,840	1,900	1,950	1,950	1,950	1,950
Kyrgyzstan	10	10	10	10	10	10	10
Tajikistan	10	10	10	10	10	10	10
Turkmenistan	2,680	2,680	2,680	2,680	8,400	8,340	8,340
Uzbekistan	1,750	1,640	1,745	1,755	1,745	1,682	1,682

	1995	2000	2005	2008	2009	2010	2011
<b>Middle East</b>	<b>45,994</b>	<b>54,742</b>	<b>72,513</b>	<b>73,573</b>	<b>75,193</b>	<b>75,437</b>	<b>76,328</b>
Bahrain	153	118	90	90	90	90	90
Iran	20,764	25,000	27,500	28,080	29,610	29,610	29,610
Iraq	3,115	3,285	3,170	3,170	3,170	3,170	3,170
Israel	1	2	47	38	38	38	247
Jordan	5	7	6	5	5	4	4
Kuwait	1,499	1,482	1,572	1,784	1,784	1,784	1,784
Oman	256	830	690	630	610	610	610
Qatar	8,500	11,157	25,783	25,636	25,466	25,366	25,267
Saudi Arabia	5,260	6,146	6,834	7,300	7,570	7,920	8,287
Syria	235	241	290	275	270	265	265
United Arab Emirates	5,777	5,995	6,052	6,075	6,090	6,090	6,504
Yemen	429	479	479	490	490	490	490

(\*) Data source: Enerdata *Global Energy Market & CO<sub>2</sub> Database* and, for Italy, Italian Ministry for Economic Development.

## Countries (\*)

[billion cubic metres as at 1<sup>st</sup> January]

	1995	2000	2005	2008	2009	2010	2011
<b>Africa</b>	<b>9,858</b>	<b>11,434</b>	<b>14,078</b>	<b>14,511</b>	<b>14,706</b>	<b>14,720</b>	<b>15,517</b>
Algeria	3,690	4,520	4,545	4,504	4,504	4,504	4,504
Angola	51	60	270	275	310	310	353
Benin		1	1	1	1	1	1
Cameroon	110	102	100	161	159	157	157
Congo	90	122	115	130	130	130	130
Côte d'Ivoire	25	30	26	22	21	20	20
Dem. Rep. Congo	1	1	1	1	1	1	1
Egypt	631	1,223	1,869	2,060	2,170	2,185	2,883
Equatorial Guinea	37	37	96	110	120	130	130
Ethiopia	25	25	25	25	25	25	25
Gabon	12	33	30	30	29	29	29
Ghana	24	24	24	24	24	24	24
Libya	1,310	1,314	1,491	1,495	1,540	1,549	1,558
Madagascar	2	2	2	2	2	2	2
Morocco	1	1	1	1	1	1	1
Mozambique	57	62	62	60	60	57	57
Namibia	57	85	70	70	70	70	70
Nigeria	3,450	3,512	5,117	5,292	5,292	5,292	5,338
Rwanda	57	57	57	57	57	57	57
Senegal	6	11	11	11	10	10	10
Somalia	6	6	6	6	6	6	6
South Africa	27	19	10	23	17		
Sudan	86	86	86	86	86	86	86
Tanzania	23	23	23	30	32	35	35
Tunisia	80	78	40	35	39	39	39

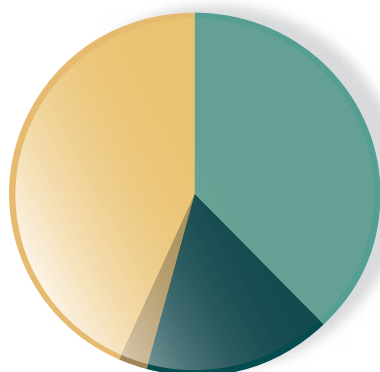
	1995	2000	2005	2008	2009	2010	2011
<b>Asia - Pacific</b>	<b>12,481</b>	<b>12,182</b>	<b>13,886</b>	<b>14,973</b>	<b>15,704</b>	<b>15,727</b>	<b>15,754</b>
Afghanistan	100	100	100	100	100	100	100
Australia	2,824	1,989	2,587	2,362	3,145	3,225	3,225
Bangladesh	301	323	422	374	344	364	364
Brunei	400	374	345	321	321	309	309
China	1,025	1,375	2,020	2,600	2,700	2,751	2,751
India	702	650	923	1,055	1,074	1,085	1,084
Indonesia	3,255	2,683	2,650	3,184	3,038	2,960	2,960
Japan	30	40	39	38	38	38	38
Malaysia	1,926	2,476	2,272	2,347	2,346	2,362	2,362
Myanmar	268	287	485	536	523	510	510
New Zealand	77	59	63	68	68	64	65
Pakistan	665	702	798	850	843	818	818
Papua New Guinea	428	428	428	435	442	442	442
Philippines	101	105	104	93	93	90	90
South Korea			3	3	2	2	2
Taiwan	70	76	73	70	70	70	70
Thailand	175	345	354	317	340	312	339
Vietnam	134	170	220	220	217	225	225

	1995	2000	2005	2008	2009	2010	2011
<b>Americas</b>	<b>14,292</b>	<b>14,137</b>	<b>14,425</b>	<b>16,085</b>	<b>16,470</b>	<b>17,375</b>	<b>17,413</b>
Argentina	535	729	542	442	399	379	360
Barbados	0	0	0	2	2	2	2
Bolivia	108	518	757	710	710	695	695
Brazil	146	231	326	365	365	358	360
Canada	1,898	1,719	1,593	1,634	1,754	1,685	1,685
Chile	108	95	45	44	46	45	45
Colombia	283	188	119	106	124	134	136
Cuba	18	18	17	17	16	15	15
Ecuador	30	29	9	8	8	8	8
Guatemala	0	3	3	0	0		
Mexico	1,937	861	419	373	359	339	319
Peru	340	246	325	335	345	345	357
Trinidad and Tobago	286	605	532	481	435	408	382
United States	4,639	4,740	5,451	6,730	6,925	7,721	7,721
Venezuela	3,964	4,155	4,287	4,838	4,982	5,241	5,327

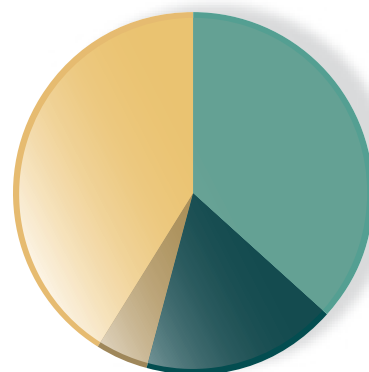
(\*) Data source: Enerdata Global Energy Market & CO<sub>2</sub> Database.

Production by cluster of Companies <sup>(\*)</sup>

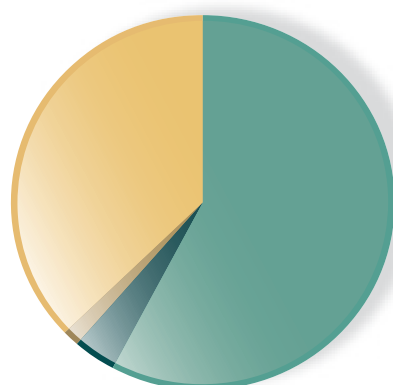
2000



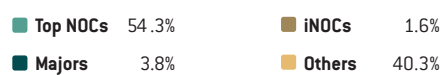
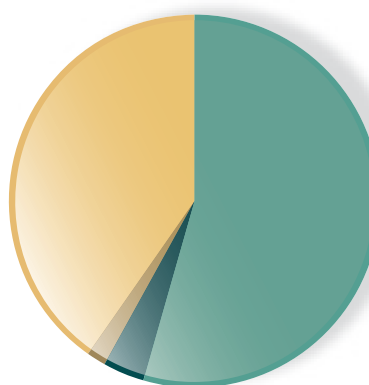
2010

Reserves by cluster of Companies <sup>(\*)</sup>

2000



2010



[\*] Majors: ExxonMobil, BP, Shell, Chevron, Total, ConocoPhillips, Eni.

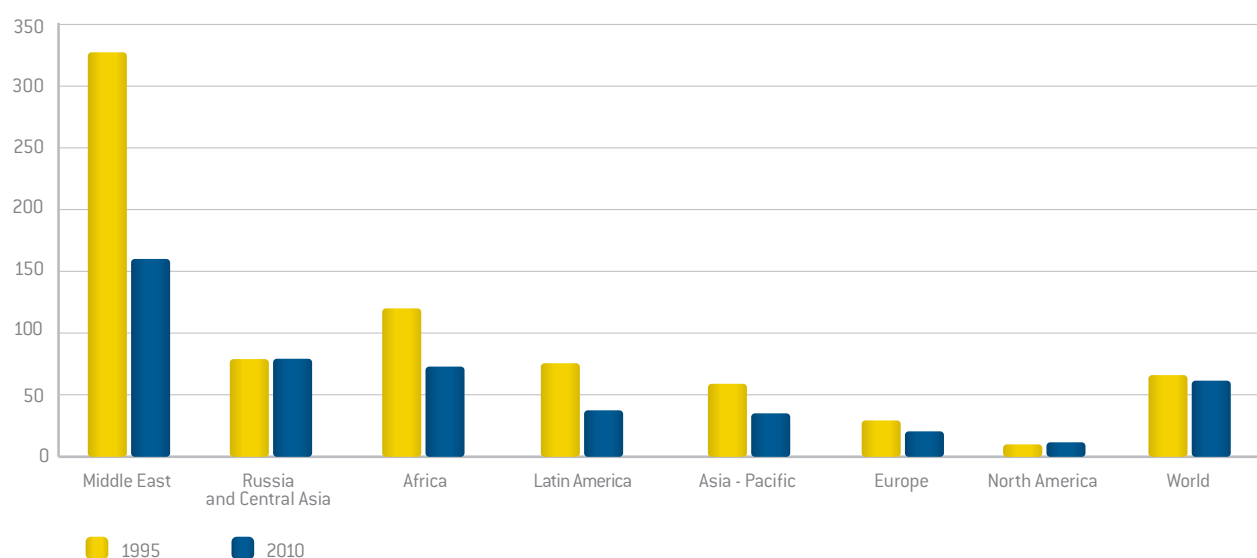
iNOCs: CNOOC, Petrobras, PetroChina, Sinopec, Statoil.

Top NOCs: ADNOC, EGP, Gazprom, INOC, KPC, Libyan NOC, NIOC, NNPC, PDO, PdVSA, Pemex, Petronas, QP, Rosneft, Saudi Aramco, Sonatrach.

## Areas and Aggregates

[years]

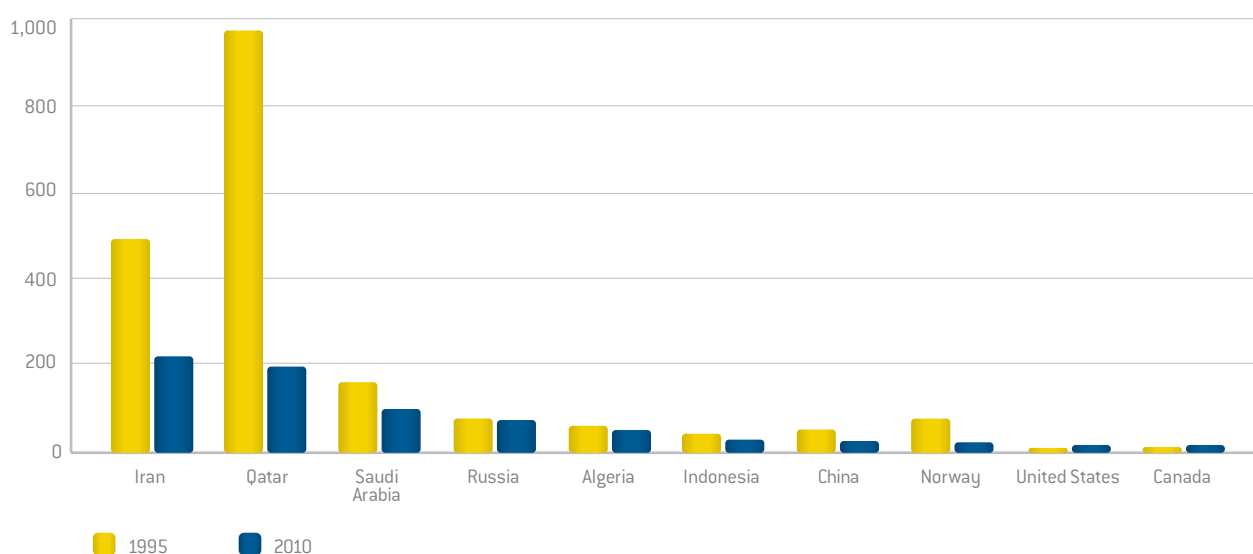
	1995	2000	2005	2008	2009	2010
Europe	29	28	22	22	22	21
Russia and Central Asia	77	76	69	65	83	77
Middle East	328	271	233	186	181	157
Africa	120	89	77	71	76	72
Asia - Pacific	57	43	38	36	36	33
Americas	18	17	17	17	18	18
- North America	10	9	10	11	12	12
- Latin America	74	55	40	38	39	38
<b>World</b>	<b>66</b>	<b>62</b>	<b>62</b>	<b>58</b>	<b>63</b>	<b>59</b>
High Income Countries	36	36	45	42	43	41
Upper Middle Income Countries	99	96	86	81	88	83
Lower Middle Income Countries	78	65	56	51	64	58
Low Income Countries	109	62	43	38	36	34
<b>International Organizations</b>						
European Union	18	17	14	15	16	15
OECD	18	16	15	15	16	16
OPEC	254	213	201	173	175	157



### The First Ten Countries in the World <sup>(\*)</sup>

(years)

	1995	2000	2005	2008	2009	2010
Iran	488	420	276	218	214	202
Qatar	970	429	541	308	268	198
Saudi Arabia	159	150	103	100	103	99
Russia	77	78	73	70	80	74
Algeria	66	54	50	51	54	52
Indonesia	47	37	34	42	38	32
China	57	51	41	32	32	28
Norway	85	69	35	28	28	26
United States	9	9	11	12	12	13
Canada	12	10	9	9	11	11



(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics*® OECD/International Energy Agency, 2011.

Countries <sup>(\*)</sup>

[years]

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>29</b>	<b>28</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>21</b>
Austria	15	14	12	13	11	10
Croatia	19	21	13	11	11	10
Denmark	34	16	12	10	12	12
France	6	6	6	7	7	8
Germany	12	14	11	10	10	8
Hungary	22	10	8	7	5	5
Ireland	7	26	45	57	66	66
Italy <sup>(**)</sup>	16	13	11	9	9	8
Netherlands	25	28	22	18	18	16
Norway	85	69	35	28	28	26
Poland	41	37	24	22	21	22
Romania	25	27	25	59	58	58
Serbia and Montenegro	58	59	154	157	160	160
Turkey	140	14	8	8	10	9
Ukraine	58	58	50	48	47	49
United Kingdom	9	11	9	9	9	9

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>77</b>	<b>76</b>	<b>69</b>	<b>65</b>	<b>83</b>	<b>77</b>
Russia	77	78	73	70	80	74
Azerbaijan	140	225	230	79	83	72
Kazakhstan	322	202	101	79	72	69
Turkmenistan	77	59	44	39	227	193
Uzbekistan	37	30	30	27	27	27

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>328</b>	<b>271</b>	<b>233</b>	<b>186</b>	<b>181</b>	<b>157</b>
Bahrain	32	20	12	10	10	7
Iran	488	420	276	218	214	202
Kuwait	166	158	131	144	159	154
Oman	56	73	31	23	22	20
Qatar	970	429	541	308	268	198
Saudi Arabia	159	150	103	100	103	99
Syria	88	41	49	48	45	32
United Arab Emirates	184	150	130	121	125	119

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics*® OECD/International Energy Agency, 2011.(\*\*) The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and Italian Ministry for Economic Development.



Countries <sup>(\*)</sup>

(years)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>120</b>	<b>89</b>	<b>77</b>	<b>71</b>	<b>76</b>	<b>72</b>
Algeria	66	54	50	51	54	52
Angola	94	108	426	415	462	462
Côte d'Ivoire	499	20	17	14	13	13
Egypt	51	58	38	35	35	36
Libya	212	229	135	90	99	101
Morocco	76	22	25	19	23	21
Mozambique			28	20	21	17
Nigeria	658	289	234	171	234	165
South Africa	13	11	5	13	17	0
Tanzania			58	55	49	46
Tunisia	504	35	17	15	14	12

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>57</b>	<b>43</b>	<b>38</b>	<b>36</b>	<b>36</b>	<b>33</b>
Australia	95	58	61	50	64	63
Bangladesh	46	37	33	22	19	19
Brunei	36	33	29	24	26	24
China	57	51	41	32	32	28
India	34	24	30	34	23	21
Indonesia	47	37	34	42	38	32
Japan	12	15	11	9	9	10
Malaysia	73	54	38	38	39	37
Myanmar	184	46	37	43	45	42
New Zealand	17	10	16	17	16	15
Pakistan	42	35	26	27	26	24
Taiwan	78	107	140	205	209	266
Thailand	17	18	16	12	15	12
Vietnam	604	127	30	29	26	23

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>18</b>
Argentina	21	18	11	9	9	9
Bolivia	30	154	63	48	56	47
Brazil	30	32	30	26	31	25
Canada	12	10	9	9	11	11
Chile	63	50	24	30	39	25
Colombia	65	29	16	14	12	12
Mexico	69	27	11	8	8	7
Trinidad and Tobago	48	39	16	12	10	9
United States	9	9	11	12	12	13
Venezuela	133	129	125	186	202	214

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics*® OECD/International Energy Agency, 2011.

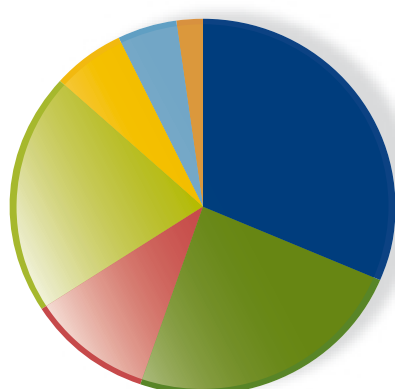
## Areas and Aggregates

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
Europe	514.02	591.05	676.36	666.94	617.32	668.00
Russia and Central Asia	454.69	460.75	510.27	549.87	522.93	569.87
Middle East	133.13	179.26	263.46	332.95	343.07	366.83
Africa	44.59	60.29	85.46	99.52	97.71	101.64
Asia - Pacific	227.50	303.62	411.81	502.99	520.83	577.10
Americas	791.23	880.51	883.13	937.08	925.98	970.42
- North America	685.25	741.83	701.09	738.67	731.15	765.17
- Latin America	105.98	138.68	182.04	198.41	194.83	205.24
<b>World</b>	<b>2,165.15</b>	<b>2,475.48</b>	<b>2,830.49</b>	<b>3,089.35</b>	<b>3,027.85</b>	<b>3,253.85</b>
High Income Countries	1,258.12	1,459.60	1,564.27	1,669.93	1,636.82	1,738.21
Upper Middle Income Countries	628.12	691.81	844.27	937.99	902.87	981.34
Lower Middle Income Countries	269.43	312.41	403.14	458.82	464.76	509.83
Low Income Countries	9.49	11.66	18.81	22.61	23.39	24.47
<b>International Organizations</b>						
European Union	397.18	468.76	530.41	524.22	495.35	534.62
OECD	1,190.79	1,371.09	1,435.24	1,517.82	1,480.97	1,567.18
OPEC	179.20	225.19	312.15	370.43	375.13	393.95

1995

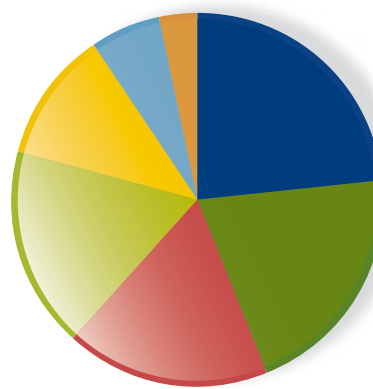
World: 2,165.15 billion cubic metres



North America	31.6%	Middle East	6.1%
Europe	23.7%	Latin America	4.9%
Asia - Pacific	10.5%	Africa	2.1%
Russia and Central Asia	21.0%		

2010

World: 3,253.85 billion cubic metres

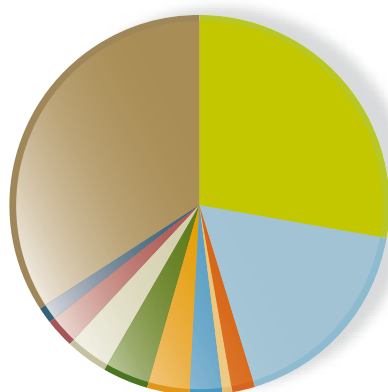


North America	23.5%	Middle East	11.3%
Europe	20.5%	Latin America	6.3%
Asia - Pacific	17.7%	Africa	3.1%
Russia and Central Asia	17.5%		

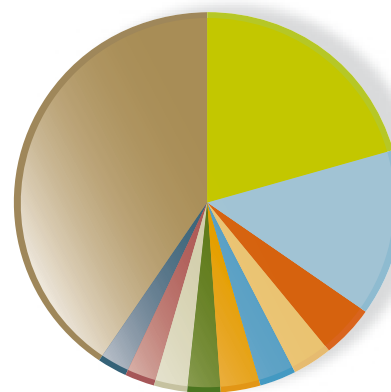
**The First Ten Countries in the World <sup>(\*)</sup>**

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
United States	605.21	653.26	604.94	645.31	637.31	673.20
Russia	377.64	380.47	417.04	436.84	417.90	463.04
Iran	42.51	62.77	99.99	131.21	137.64	143.48
China	17.89	24.75	46.26	81.50	89.52	109.31
Japan	63.46	78.32	84.18	99.87	96.23	102.54
United Kingdom	77.67	104.24	101.94	100.74	93.17	101.09
Germany	80.26	85.70	96.43	91.31	91.33	95.07
Canada	80.04	88.56	96.16	93.36	93.84	91.97
Italy	53.13	69.11	84.27	82.92	76.22	81.07
Saudi Arabia	33.17	40.85	66.32	72.82	73.19	79.77
<b>First 10 countries</b>	<b>1,430.98</b>	<b>1,588.04</b>	<b>1,697.53</b>	<b>1,835.89</b>	<b>1,806.36</b>	<b>1,940.52</b>
Rest of the World	734.17	887.44	1,132.95	1,253.47	1,221.49	1,313.33
<b>World</b>	<b>2,165.15</b>	<b>2,475.48</b>	<b>2,830.49</b>	<b>3,089.35</b>	<b>3,027.85</b>	<b>3,253.85</b>

**1995**
**World: 2,165.15 billion cubic metres**


United States	28.0%	Germany	3.7%
Russia	17.4%	Canada	3.7%
Iran	2.0%	Italy	2.5%
China	0.8%	Saudi Arabia	1.5%
Japan	2.9%	Rest of the World	33.9%
United Kingdom	3.6%		

**2010**
**World: 3,253.85 billion cubic metres**


United States	20.7%	Germany	2.9%
Russia	14.2%	Canada	2.8%
Iran	4.4%	Italy	2.5%
China	3.4%	Saudi Arabia	2.5%
Japan	3.2%	Rest of the World	40.4%
United Kingdom	3.1%		

[\*] Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

## Countries (\*)

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>514.02</b>	<b>591.05</b>	<b>676.36</b>	<b>666.94</b>	<b>617.32</b>	<b>668.00</b>
Albania	0.03	0.01	0.02	0.01	0.01	0.01
Austria	7.60	7.78	9.75	8.91	8.55	9.80
Belgium	12.66	15.94	17.57	17.70	18.02	20.87
Belarus	13.70	17.01	20.21	21.10	17.52	21.54
Bosnia Herzegovina	0.15	0.24	0.36	0.42	0.22	0.22
Bulgaria	5.47	3.50	3.34	3.48	2.58	2.83
Croatia	2.31	2.64	2.83	3.07	2.87	3.15
Czech Republic	7.81	8.95	9.19	8.49	8.02	9.10
Denmark	3.78	5.31	5.25	4.86	4.66	5.23
Estonia	0.69	0.79	0.95	0.92	0.63	0.67
Finland	3.39	4.08	4.29	4.60	4.16	4.57
France	35.28	42.66	48.93	47.57	45.87	51.08
Germany	80.26	85.70	96.43	91.31	91.33	95.07
Greece	0.05	2.03	2.81	4.18	3.54	3.81
Hungary	10.94	11.52	14.42	12.60	10.91	11.61
Ireland	2.78	4.10	4.14	5.35	5.11	5.75
Italy	53.13	69.11	84.27	82.92	76.22	81.07
Latvia	1.21	1.30	1.62	1.59	1.46	1.75
Lithuania	2.42	2.46	2.95	3.10	2.60	2.97
Luxembourg	0.67	0.80	1.40	1.30	1.33	1.43
Macedonia	0.00	0.06	0.08	0.12	0.08	0.08
Moldova	3.05	2.53	2.93	2.36	1.77	0.98
Netherlands	41.15	41.74	42.13	41.33	41.71	46.77
Norway	4.13	4.94	4.86	5.79	6.55	6.52
Poland	10.73	11.88	14.59	14.96	14.32	15.26
Portugal	0.00	2.43	4.47	4.94	5.03	5.31
Romania	22.95	16.32	16.63	14.85	12.64	13.97
Serbia and Montenegro	1.61	1.83	2.31	2.39	1.66	1.75
Slovakia	6.22	6.89	7.02	6.16	5.28	6.08
Slovenia	0.89	0.98	1.11	1.05	0.99	1.03
Spain	9.21	18.15	35.59	41.64	37.24	37.13
Sweden	0.90	0.93	1.00	0.99	1.31	1.80
Switzerland	2.62	2.90	3.32	3.35	3.21	3.59
Turkey	6.90	15.07	27.18	36.01	34.49	37.44
Ukraine	81.68	74.27	80.46	66.80	52.27	56.68
United Kingdom	77.67	104.24	101.94	100.74	93.17	101.09

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>454.69</b>	<b>460.75</b>	<b>510.27</b>	<b>549.87</b>	<b>522.93</b>	<b>569.87</b>
Russia	377.64	380.47	417.04	436.84	417.90	463.04
Armenia	1.36	1.34	1.60	2.15	1.68	1.85
Azerbaijan	6.93	5.97	9.66	10.83	9.81	11.82
Georgia	1.15	1.14	1.27	1.29	1.30	1.29
Kazakhstan	12.06	7.84	14.86	24.62	22.90	23.80
Kyrgyzstan	0.88	0.68	0.74	0.75	0.66	0.66
Tajikistan	0.61	0.75	0.64	0.53	0.43	0.43
Turkmenistan	13.37	13.00	17.00	20.89	17.98	17.85
Uzbekistan	40.68	49.57	47.47	51.98	50.27	49.14

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>133.13</b>	<b>179.26</b>	<b>263.46</b>	<b>332.95</b>	<b>343.07</b>	<b>366.83</b>
Bahrain	4.73	5.93	7.45	9.31	9.42	9.66
Iran	42.51	62.77	99.99	131.21	137.65	143.48
Iraq	3.09	3.07	1.41	1.83	1.12	1.22
Israel	0.02	0.01	1.61	3.66	4.08	5.21
Jordan	0.26	0.25	1.65	3.25	3.68	3.37
Kuwait	9.04	9.35	11.98	12.37	12.06	14.33
Lebanon	0.00	0.00	0.00	0.00	0.05	0.25
Oman	4.10	7.07	9.80	13.60	12.95	15.40
Qatar	8.76	11.30	16.58	21.66	23.31	24.09
Saudi Arabia	33.18	40.85	66.32	72.82	73.19	79.77
Syria	2.67	5.90	5.90	5.84	6.86	8.91
United Arab Emirates	24.77	32.77	40.77	57.41	58.61	60.38
Yemen	0.00	0.00	0.00	0.00	0.11	0.77

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

**Countries (\*)**

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>44.59</b>	<b>60.29</b>	<b>85.46</b>	<b>99.52</b>	<b>97.71</b>	<b>101.64</b>
Algeria	17.21	20.09	24.48	26.87	27.70	28.26
Angola	0.55	0.55	0.63	0.66	0.67	0.67
Cameroon	0.00	0.00	0.00	0.37	0.31	0.31
Congo	0.00	0.00	0.02	0.03	0.05	0.06
Côte d'Ivoire	0.05	1.51	1.49	1.58	1.58	1.58
Egypt	12.27	21.22	34.48	41.42	42.75	44.47
Gabon	0.13	0.12	0.15	0.18	0.18	0.18
Libya	4.73	4.95	5.75	6.55	6.56	6.60
Morocco	0.01	0.05	0.45	0.57	0.63	0.64
Mozambique	0.00	0.00	0.02	0.10	0.10	0.05
Nigeria	5.25	6.87	9.55	10.89	7.03	7.67
Senegal	0.06	0.00	0.02	0.01	0.02	0.02
South Africa	2.05	1.67	4.33	4.85	4.42	4.94
Tanzania	0.00	0.00	0.40	0.55	0.65	0.77
Tunisia	2.30	3.26	3.69	4.87	5.06	5.42

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>227.50</b>	<b>303.62</b>	<b>411.81</b>	<b>502.99</b>	<b>520.83</b>	<b>577.10</b>
Australia	19.97	22.99	27.49	33.09	33.74	31.03
Bangladesh	6.55	8.80	12.88	16.80	18.28	19.23
Brunei	2.40	2.21	2.19	3.39	2.92	3.22
China	17.89	24.76	46.26	81.50	89.52	109.31
Hong Kong	0.03	2.92	2.61	3.10	3.01	3.01
India	20.67	27.51	37.88	42.45	58.35	63.37
Indonesia	35.16	31.99	35.71	36.52	41.81	47.29
Japan	63.46	78.32	84.18	99.87	96.23	102.54
Malaysia	13.26	25.91	34.21	40.62	34.61	38.59
Myanmar	1.45	1.43	4.13	3.88	3.27	3.32
New Zealand	4.56	6.03	3.85	4.10	4.13	4.26
Pakistan	15.70	19.88	30.59	31.56	32.57	33.45
Philippines	0.01	0.01	3.22	3.81	3.83	3.48
Singapore	1.51	1.34	6.95	8.38	8.46	8.91
South Korea	9.93	20.29	32.65	37.95	37.82	44.68
Taiwan	4.35	7.19	10.22	12.84	12.05	15.07
Thailand	10.39	20.71	30.92	35.72	31.78	36.54
Vietnam	0.22	1.34	5.86	7.44	8.47	9.81

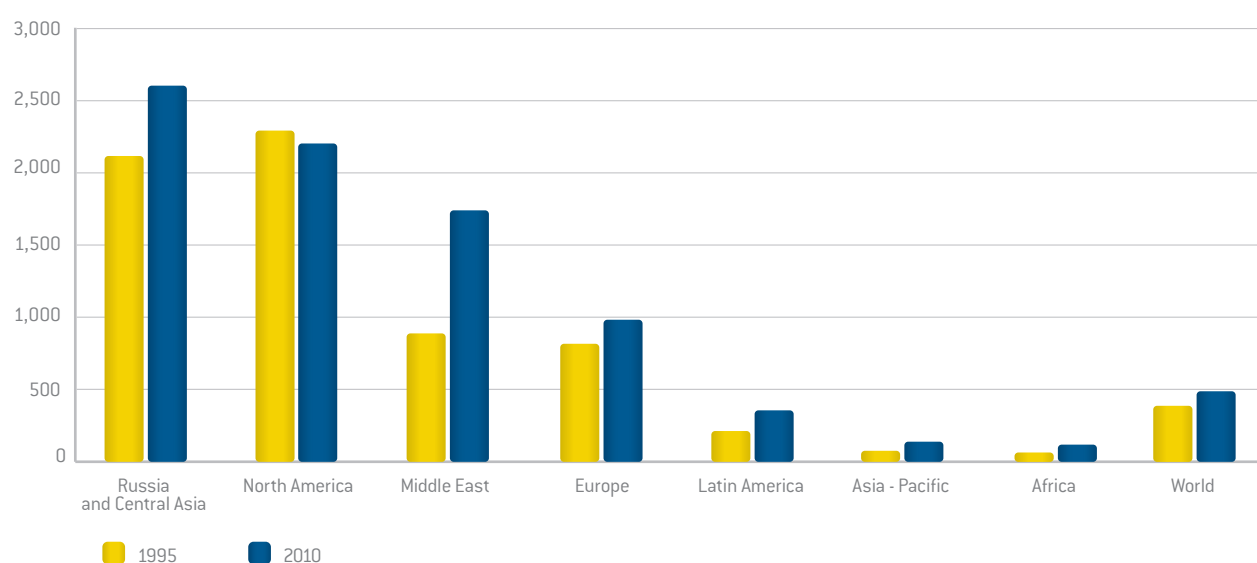
	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>791.23</b>	<b>880.51</b>	<b>883.13</b>	<b>937.08</b>	<b>925.98</b>	<b>970.42</b>
Argentina	27.72	35.56	42.72	46.97	46.19	46.56
Bolivia	1.28	1.36	2.22	2.56	2.80	3.20
Brazil	4.94	9.28	19.95	25.30	20.28	24.23
Canada	80.04	88.57	96.16	93.36	93.84	91.97
Chile	1.37	6.21	8.11	2.22	2.66	5.25
Colombia	4.32	6.51	7.30	7.76	8.96	9.36
Cuba	0.02	0.56	0.74	1.15	1.13	1.13
Dominican Republic	0.00	0.00	0.25	0.46	0.53	0.78
Ecuador	0.33	0.34	0.47	0.49	0.51	0.51
Mexico	29.76	34.50	45.41	58.46	57.88	59.12
Peru	0.45	0.59	1.94	3.87	4.89	6.13
Trinidad and Tobago	6.00	11.45	18.62	21.42	22.22	21.95
United States	605.21	653.26	604.94	645.31	637.31	673.20
Uruguay	0.00	0.04	0.11	0.10	0.07	0.07
Venezuela	29.79	32.29	34.21	27.66	26.72	26.96

 (\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011. They have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

## Areas and Aggregates

[cubic metres]

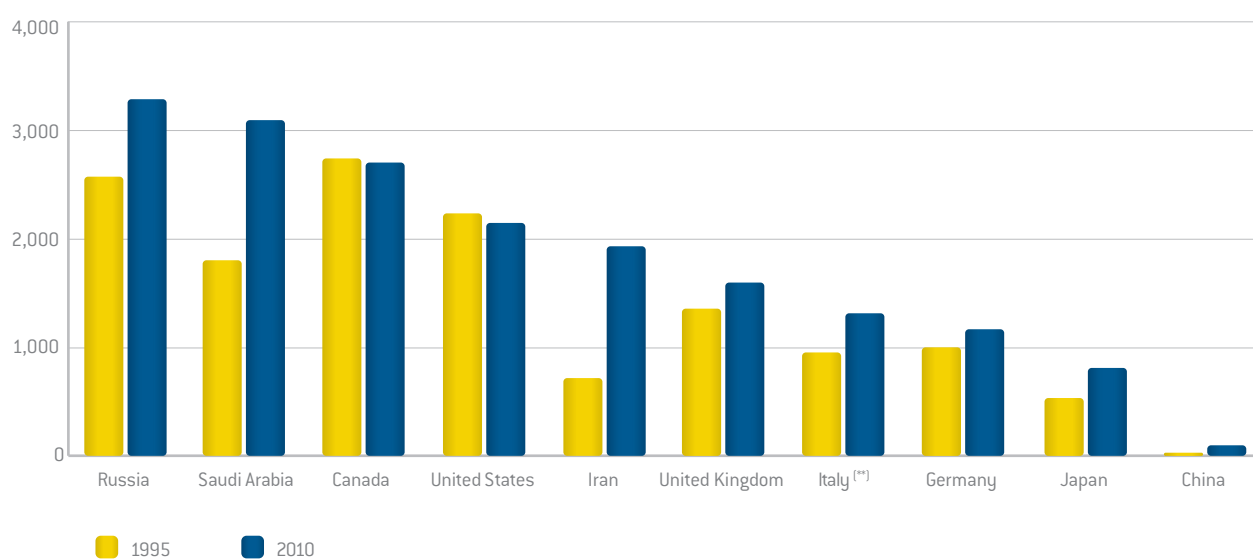
	1995	2000	2005	2008	2009	2010
Europe	806	917	1,031	1,004	925	997
Russia and Central Asia	2,093	2,121	2,352	2,522	2,394	2,602
Middle East	892	1,068	1,405	1,659	1,671	1,746
Africa	69	83	105	114	110	112
Asia - Pacific	72	90	115	136	140	153
Americas	1,022	1,062	1,005	1,033	1,010	1,047
- North America	2,289	2,342	2,113	2,164	2,122	2,200
- Latin America	223	271	333	351	340	355
<b>World</b>	<b>388</b>	<b>415</b>	<b>447</b>	<b>472</b>	<b>457</b>	<b>485</b>
High Income Countries	1,239	1,391	1,443	1,509	1,469	1,549
Upper Middle Income Countries	723	753	878	950	907	977
Lower Middle Income Countries	85	92	111	122	122	133
Low Income Countries	18	20	29	32	33	33
<b>International Organizations</b>						
European Union	832	974	1,082	1,055	993	1,066
OECD	1,091	1,213	1,227	1,272	1,232	1,295
OPEC	615	689	857	957	950	978



The First Ten Countries in the World <sup>(\*)</sup>

(cubic metres)

	1995	2000	2005	2008	2009	2010
Russia	2,549	2,601	2,913	3,081	2,956	3,285
Saudi Arabia	1,792	1,977	2,869	2,955	2,907	3,104
Canada	2,727	2,878	2,976	2,803	2,789	2,706
United States	2,242	2,284	2,020	2,095	2,050	2,145
Iran	721	982	1,447	1,823	1,887	1,941
United Kingdom	1,339	1,770	1,693	1,641	1,508	1,625
Italy <sup>(**)</sup>	935	1,214	1,438	1,385	1,265	1,335
Germany	983	1,042	1,169	1,112	1,113	1,161
Japan	506	617	659	782	754	803
China	15	20	35	61	67	82



(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics*® OECD/International Energy Agency, 2011.

(\*\*) The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and Italian Ministry for Economic Development.

## Countries (\*)

[cubic metres]

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>806</b>	<b>917</b>	<b>1,031</b>	<b>1,004</b>	<b>925</b>	<b>997</b>
Albania	9	4	5	3	3	3
Austria	956	970	1,185	1,068	1,020	1,164
Belgium	1,248	1,555	1,676	1,653	1,672	1,922
Belarus	1,344	1,700	2,067	2,180	1,816	2,238
Bosnia Herzegovina	44	64	95	111	59	59
Bulgaria	651	434	432	456	340	376
Croatia	494	595	638	693	647	711
Czech Republic	756	871	898	814	765	861
Denmark	723	994	969	885	843	941
Estonia	483	577	708	685	468	501
Finland	663	788	818	865	779	852
France	610	724	804	767	735	813
Germany	983	1,042	1,169	1,112	1,113	1,161
Greece	5	186	253	372	314	336
Hungary	1,059	1,128	1,430	1,255	1,089	1,161
Ireland	771	1,077	995	1,199	1,119	1,232
Italy (**)	935	1,214	1,438	1,385	1,265	1,335
Latvia	479	549	704	702	649	778
Lithuania	666	703	865	922	779	895
Luxembourg	1,626	1,835	3,016	2,673	2,677	2,834
Macedonia	0	32	37	57	37	37
Moldova	704	616	778	651	492	275
Netherlands	2,661	2,621	2,581	2,514	2,530	2,829
Norway	947	1,101	1,050	1,215	1,359	1,339
Poland	278	309	382	393	376	400
Portugal	0	237	424	465	472	498
Romania	1,012	727	769	690	589	652
Serbia and Montenegro	192	224	286	299	210	221
Slovakia	1,160	1,279	1,303	1,140	975	1,123
Slovenia	447	495	554	514	483	498
Spain	234	451	820	914	804	789
Sweden	102	104	111	107	141	193
Switzerland	372	404	446	439	418	462
Turkey	113	227	382	487	461	494
Ukraine	1,586	1,510	1,708	1,444	1,137	1,240
United Kingdom	1,339	1,770	1,693	1,641	1,508	1,625

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>2,093</b>	<b>2,121</b>	<b>2,352</b>	<b>2,522</b>	<b>2,394</b>	<b>2,602</b>
Russia	2,549	2,601	2,913	3,081	2,956	3,285
Armenia	423	434	521	698	546	601
Azerbaijan	902	741	1,151	1,248	1,118	1,331
Georgia	229	241	283	295	299	300
Kazakhstan	762	527	981	1,570	1,444	1,483
Kyrgyzstan	192	139	143	141	123	122
Tajikistan	105	121	98	78	62	62
Turkmenistan	3,188	2,888	3,517	4,154	3,529	3,458
Uzbekistan	1,786	2,011	1,814	1,903	1,815	1,747

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>892</b>	<b>1,068</b>	<b>1,405</b>	<b>1,659</b>	<b>1,671</b>	<b>1,746</b>
Bahrain	8,186	9,121	10,279	12,141	12,049	12,136
Iran	721	982	1,447	1,823	1,887	1,941
Iraq	147	125	51	60	36	38
Israel	4	2	232	500	548	688
Jordan	62	53	305	550	605	537
Kuwait	5,016	4,271	4,726	4,535	4,314	5,005
Lebanon	0	0	0	0	12	58
Oman	1,887	2,944	3,744	4,881	4,554	5,303
Qatar	16,667	18,312	18,726	16,912	16,093	14,701
Saudi Arabia	1,792	1,977	2,869	2,955	2,907	3,104
Syria	183	357	308	275	312	391
United Arab Emirates	10,189	10,090	9,933	12,802	12,690	12,714
Yemen	0	0	0	0	4	31

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics*® OECD/International Energy Agency, 2011.(\*\*) The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and Italian Ministry for Economic Development.



## Countries (\*)

(cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>69</b>	<b>83</b>	<b>105</b>	<b>114</b>	<b>110</b>	<b>112</b>
Algeria	609	658	745	782	794	798
Angola	43	39	38	37	36	35
Cameroon	0	0	0	20	16	16
Côte d'Ivoire	3	87	78	77	75	73
Egypt	192	302	447	508	515	526
Gabon	123	99	106	125	121	119
Libya	978	926	972	1,044	1,024	1,011
Morocco	0	2	15	18	20	20
Mozambique	0	0	1	5	4	2
Nigeria	48	55	68	72	45	48
Senegal	6	0	1	1	1	1
South Africa	52	38	92	100	90	99
Tanzania	0	0	10	13	15	17
Tunisia	256	341	368	471	485	515

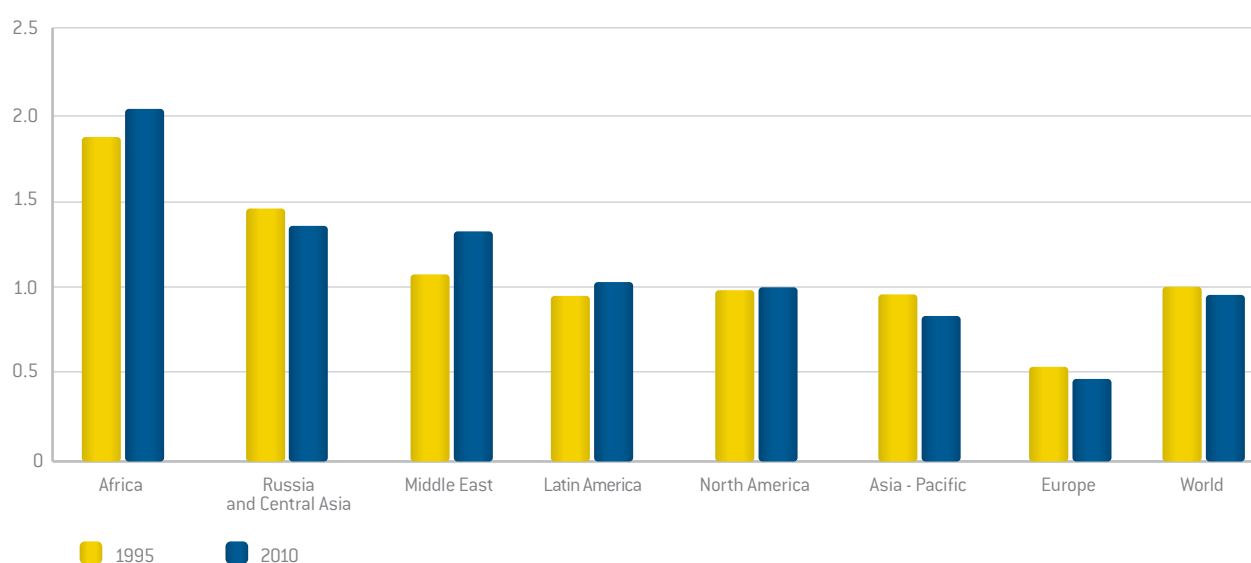
	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>72</b>	<b>90</b>	<b>115</b>	<b>136</b>	<b>140</b>	<b>153</b>
Australia	1,105	1,200	1,348	1,548	1,554	1,407
Bangladesh	51	62	84	105	113	117
Brunei	8,133	6,618	5,866	8,532	7,209	7,817
China	15	20	35	61	67	82
Hong Kong	5	439	383	444	427	424
India	22	27	35	37	51	54
Indonesia	182	155	162	160	181	203
Japan	506	617	659	782	754	803
Malaysia	644	1,113	1,333	1,505	1,261	1,382
Myanmar	34	31	86	79	66	66
New Zealand	1,243	1,564	931	961	956	977
Pakistan	128	144	196	190	192	193
Philippines	0	0	38	42	42	37
Singapore	428	331	1,629	1,733	1,677	1,687
South Korea	220	432	678	781	776	913
Taiwan	204	324	450	558	522	650
Thailand	173	332	469	530	468	535
Vietnam	3	17	71	86	97	111

	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>1,022</b>	<b>1,062</b>	<b>1,005</b>	<b>1,033</b>	<b>1,010</b>	<b>1,047</b>
Argentina	796	964	1,103	1,178	1,147	1,146
Bolivia	171	163	242	264	284	319
Brazil	31	53	107	132	105	124
Canada	2,727	2,878	2,976	2,803	2,789	2,706
Chile	95	403	498	133	157	308
Colombia	118	164	170	174	199	205
Cuba	2	50	66	102	100	100
Dominican Republic	0	0	26	47	53	77
Ecuador	29	27	36	36	38	37
Mexico	326	352	441	550	539	545
Peru	19	23	70	134	168	208
Trinidad and Tobago	4,725	8,804	14,066	16,010	16,553	16,295
United States	2,242	2,284	2,020	2,095	2,050	2,145
Uruguay	0	11	32	30	21	21
Venezuela	1,352	1,328	1,287	990	940	933

(\*) Data source: Eni's calculations. The original data are from Enerdata *Global Energy Market & CO<sub>2</sub> Database* and IEA *Energy Statistics*® OECD/International Energy Agency, 2011.

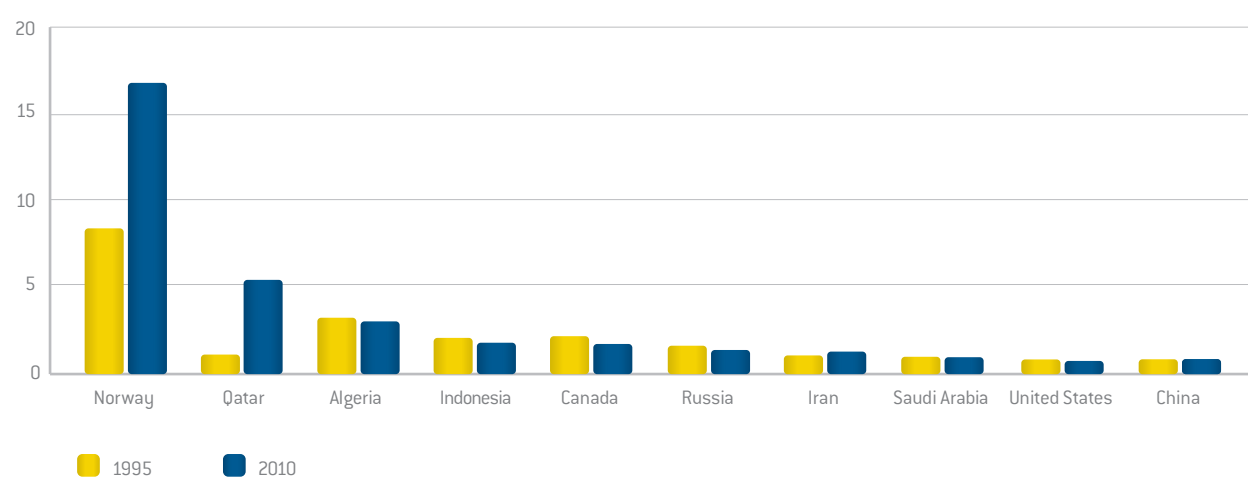
## Areas and Aggregates

	1995	2000	2005	2008	2009	2010
Europe	0.55	0.55	0.50	0.49	0.51	0.48
Russia and Central Asia	1.47	1.47	1.49	1.48	1.35	1.36
Middle East	1.05	1.13	1.18	1.19	1.21	1.31
Africa	1.85	2.13	2.13	2.06	1.98	2.02
Asia - Pacific	0.96	0.93	0.90	0.83	0.84	0.83
Americas	0.98	0.97	0.99	1.00	1.01	1.00
- North America	0.98	0.96	0.98	0.99	1.00	0.99
- Latin America	0.99	1.01	1.03	1.03	1.03	1.03
<b>World</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.99</b>	<b>0.99</b>
High Income Countries	0.85	0.83	0.83	0.84	0.85	0.85
Upper Middle Income Countries	1.32	1.31	1.25	1.21	1.17	1.17
Lower Middle Income Countries	0.98	1.07	1.14	1.16	1.10	1.11
Low Income Countries	0.85	1.29	1.52	1.45	1.43	1.46
<b>International Organizations</b>						
European Union	0.57	0.53	0.42	0.38	0.37	0.35
OECD	0.82	0.78	0.75	0.74	0.75	0.73
OPEC	1.26	1.39	1.38	1.38	1.37	1.47



The First Ten Countries in the World <sup>(\*)</sup>

	1995	2000	2005	2008	2009	2010
Norway	8.16	11.17	18.43	17.93	16.51	16.66
Qatar	1.00	2.30	2.88	3.84	4.07	5.31
Algeria	3.23	4.15	3.68	3.28	3.02	3.06
Indonesia	1.99	2.26	2.19	2.10	1.91	1.93
Canada	1.94	2.00	1.91	1.85	1.72	1.71
Russia	1.52	1.48	1.48	1.46	1.34	1.35
Iran	1.00	0.95	1.00	0.98	1.01	1.02
Saudi Arabia	1.00	1.00	1.00	1.00	1.00	1.00
United States	0.86	0.82	0.83	0.87	0.90	0.89
China	1.00	1.10	1.06	0.98	0.95	0.88



[\*] Data source: Eni's calculations. The original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011.

Countries <sup>(\*)</sup>

	1995	2000	2005	2008	2009	2010
<b>Europe</b>	<b>0.55</b>	<b>0.55</b>	<b>0.50</b>	<b>0.49</b>	<b>0.51</b>	<b>0.48</b>
Albania	1.00	1.00	1.00	1.00	1.00	0.99
Austria	0.20	0.24	0.17	0.18	0.20	0.18
Belarus	0.02	0.01	0.01	0.01	0.01	0.01
Bulgaria	0.01	0.00	0.14	0.05	0.01	0.02
Croatia	0.83	0.61	0.78	0.85	0.91	0.82
Czech Republic	0.03	0.02	0.02	0.02	0.02	0.02
Denmark	1.48	1.67	2.13	2.21	1.93	1.67
France	0.09	0.04	0.02	0.02	0.02	0.01
Germany	0.22	0.22	0.18	0.15	0.15	0.12
Greece	1.00	0.02	0.01	0.00	0.00	0.00
Hungary	0.41	0.26	0.19	0.19	0.25	0.23
Ireland	0.96	0.28	0.13	0.08	0.07	0.07
Italy	0.37	0.24	0.14	0.11	0.10	0.10
Netherlands	1.76	1.49	1.59	1.73	1.61	1.62
Norway	8.16	11.17	18.43	17.93	16.51	16.66
Poland	0.35	0.33	0.32	0.29	0.31	0.29
Romania	0.75	0.80	0.70	0.72	0.84	0.74
Serbia and Montenegro	0.50	0.41	0.12	0.11	0.15	0.14
Slovakia	0.05	0.02	0.02	0.02	0.02	0.02
Slovenia	0.02	0.01	0.00	0.00	0.00	0.01
Spain	0.05	0.01	0.00	0.00	0.00	0.00
Turkey	0.03	0.04	0.03	0.03	0.02	0.02
Ukraine	0.22	0.24	0.26	0.32	0.41	0.36
United Kingdom	0.98	1.12	0.93	0.74	0.69	0.61

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>	<b>1.47</b>	<b>1.47</b>	<b>1.49</b>	<b>1.48</b>	<b>1.35</b>	<b>1.36</b>
Russia	1.52	1.48	1.48	1.46	1.34	1.35
Azerbaijan	0.93	0.95	0.57	1.51	1.66	1.54
Georgia	0.01	0.06	0.01	0.01	0.01	0.01
Kazakhstan	0.47	1.16	1.27	1.00	1.19	1.19
Kyrgyzstan	0.04	0.05	0.03	0.02	0.02	0.02
Tajikistan	0.06	0.05	0.04	0.06	0.09	0.09
Turkmenistan	2.59	3.51	3.60	3.28	2.06	2.42
Uzbekistan	1.16	1.10	1.23	1.26	1.28	1.28

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>1.05</b>	<b>1.13</b>	<b>1.18</b>	<b>1.19</b>	<b>1.21</b>	<b>1.31</b>
Bahrain	1.00	1.00	1.00	1.00	1.00	1.29
Iran	1.00	0.95	1.00	0.98	1.01	1.02
Iraq	1.00	1.00	1.00	1.00	1.00	1.00
Israel	1.00	1.00	1.00	0.91	0.63	0.60
Jordan	1.00	1.00	0.13	0.06	0.05	0.07
Kuwait	1.00	1.00	1.00	1.00	0.93	0.81
Oman	1.12	1.62	2.28	1.99	2.17	2.00
Qatar	1.00	2.30	2.88	3.84	4.07	5.31
Saudi Arabia	1.00	1.00	1.00	1.00	1.00	1.00
Syria	1.00	1.00	1.00	0.98	0.87	0.92
United Arab Emirates	1.26	1.22	1.14	0.87	0.83	0.85
Yemen					5.22	8.64

(\*) Data source: Eni's calculations. The original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development.

Countries <sup>(\*)</sup>

	1995	2000	2005	2008	2009	2010
<b>Africa</b>	<b>1.85</b>	<b>2.13</b>	<b>2.13</b>	<b>2.06</b>	<b>1.98</b>	<b>2.02</b>
Algeria	3.23	4.15	3.68	3.28	3.02	3.06
Angola	1.00	1.00	1.00	1.00	1.00	1.00
Côte d'Ivoire	1.00	1.00	1.00	1.00	1.00	1.00
Egypt	1.00	1.00	1.44	1.42	1.44	1.35
Gabon	1.00	1.00	1.00	1.00	1.00	1.00
Libya	1.31	1.16	1.91	2.55	2.36	2.33
Morocco	1.00	1.00	0.09	0.09	0.07	0.08
Nigeria	1.00	1.77	2.29	2.84	3.22	4.18
Senegal	1.00	1.00	1.00	1.00	1.00	0.94
South Africa	1.00	1.00	0.49	0.36	0.23	0.19
Tanzania			1.00	1.00	1.00	1.00
Tunisia	0.07	0.69	0.64	0.48	0.56	0.59

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>	<b>0.96</b>	<b>0.93</b>	<b>0.90</b>	<b>0.83</b>	<b>0.84</b>	<b>0.83</b>
Australia	1.49	1.48	1.54	1.42	1.46	1.66
Bangladesh	1.00	1.00	1.00	1.00	1.00	1.00
Brunei	4.65	5.12	5.44	3.98	4.28	3.97
China	1.00	1.10	1.06	0.98	0.95	0.88
India	1.00	1.00	0.82	0.74	0.79	0.80
Indonesia	1.99	2.26	2.19	2.10	1.91	1.93
Japan	0.04	0.03	0.04	0.04	0.04	0.04
Malaysia	1.99	1.76	1.74	1.54	1.74	1.67
Myanmar	1.00	4.32	3.17	3.22	3.55	3.67
New Zealand	1.00	1.00	1.00	1.00	1.03	1.04
Pakistan	1.00	1.00	1.00	1.00	1.00	1.00
Philippines	1.00	1.00	1.00	1.00	1.00	1.00
South Korea			0.02	0.01	0.01	0.01
Taiwan	0.21	0.10	0.05	0.03	0.03	0.02
Thailand	1.00	0.90	0.71	0.75	0.72	0.73
Vietnam	1.00	1.00	1.26	1.03	1.00	1.00

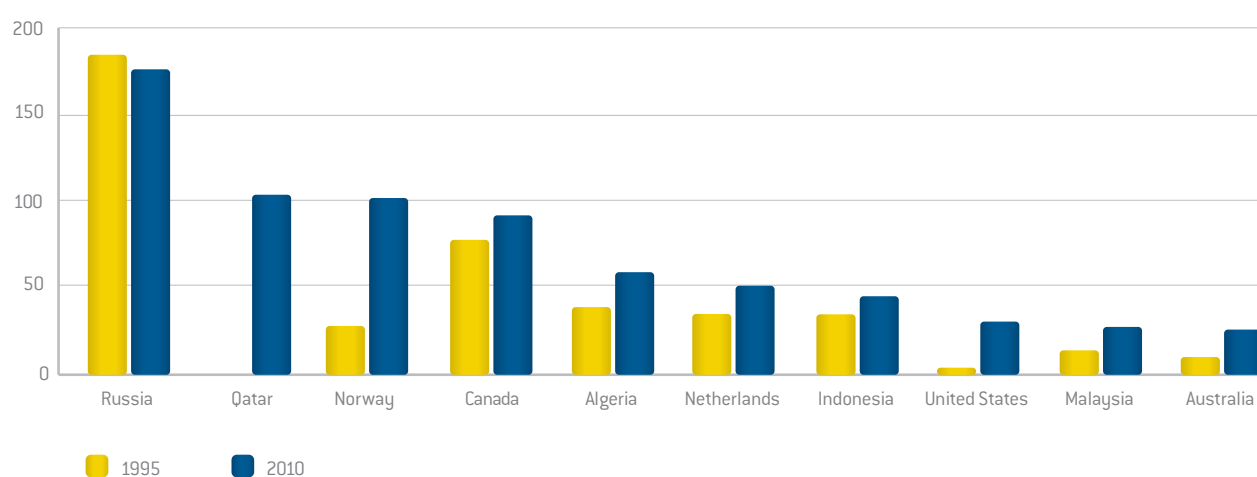
	1995	2000	2005	2008	2009	2010
<b>Americas</b>	<b>0.98</b>	<b>0.97</b>	<b>0.99</b>	<b>1.00</b>	<b>1.01</b>	<b>1.00</b>
Argentina	0.92	1.13	1.11	0.99	0.96	0.92
Bolivia	2.86	2.48	5.45	5.72	4.50	4.62
Brazil	1.00	0.77	0.55	0.55	0.58	0.59
Canada	1.94	2.00	1.91	1.85	1.72	1.71
Chile	1.25	0.31	0.24	0.67	0.44	0.34
Colombia	1.00	1.00	1.00	1.01	1.18	1.22
Cuba	1.00	1.00	1.00	1.00	1.00	1.00
Ecuador	1.00	1.00	1.00	1.00	1.00	1.00
Mexico	0.95	0.92	0.80	0.78	0.79	0.78
Peru	1.00	1.00	1.00	1.00	1.00	1.60
Trinidad and Tobago	1.00	1.35	1.77	1.95	1.94	2.03
United States	0.86	0.82	0.83	0.87	0.90	0.89
Venezuela	1.00	1.00	1.00	0.94	0.92	0.91

(\*) Data source: Eni's calculations. The original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011.

### The First Ten Countries in the World <sup>(\*)</sup>

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
Russia	183.69	186.76	199.68	188.24	156.53	173.13
Qatar	0.00	14.69	31.12	61.45	71.56	102.83
Norway	29.57	50.26	84.64	98.12	101.61	102.21
Canada	77.20	98.61	104.24	101.03	93.84	92.90
Algeria	38.44	63.24	65.71	61.15	55.97	59.29
Netherlands	34.74	35.38	44.58	52.75	47.53	50.88
Indonesia	34.81	40.45	42.46	40.17	38.18	44.15
United States	4.22	6.65	19.91	26.36	29.38	31.17
Malaysia	13.16	19.14	26.67	25.55	26.59	28.05
Australia	9.85	11.05	14.77	19.08	21.49	25.81
<b>First 10 countries</b>	<b>425.68</b>	<b>526.22</b>	<b>633.78</b>	<b>673.90</b>	<b>642.68</b>	<b>710.42</b>
Rest of the World	56.23	114.89	215.43	254.19	230.43	259.41
<b>World</b>	<b>481.91</b>	<b>641.11</b>	<b>849.21</b>	<b>928.08</b>	<b>873.12</b>	<b>969.83</b>



(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011. They have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

## Countries (\*)

(billion cubic metres)

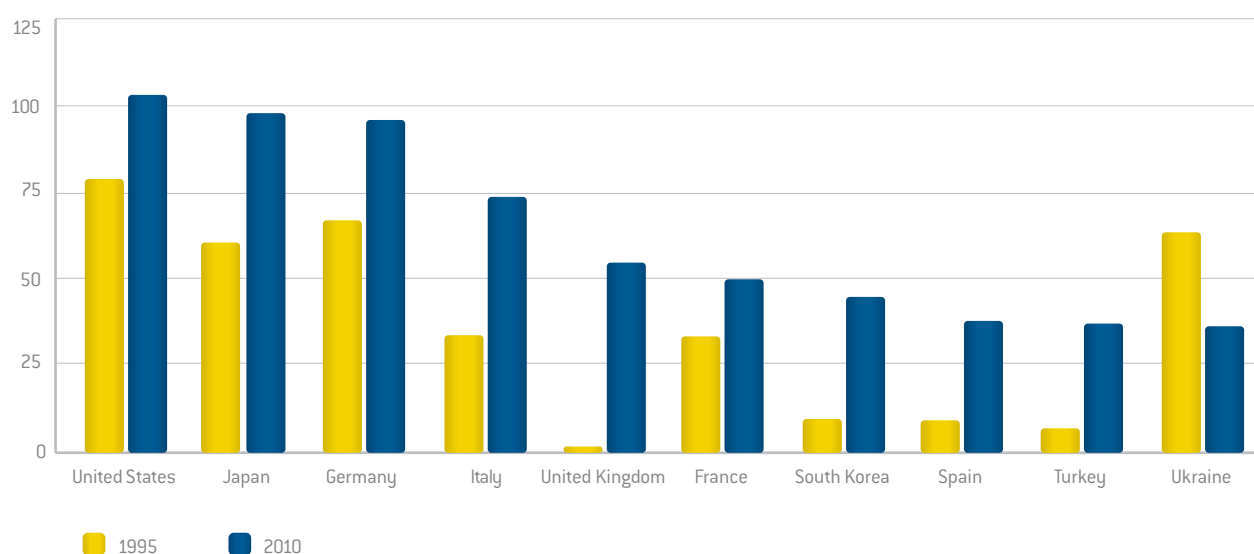
	1995	2000	2005	2008	2009	2010
<b>Europe</b>						
Austria	0.02	0.02	0.99	2.13	4.06	4.86
Croatia	0.00	0.00	0.44	0.67	0.78	0.47
Czech Republic	0.00	0.00	0.08	0.94	1.08	0.16
Denmark	1.79	3.44	5.98	5.88	4.27	3.77
France	0.74	0.81	1.08	1.31	2.30	2.93
Germany	2.89	5.03	9.30	12.08	10.79	15.46
Hungary	0.00	0.08	0.00	0.02	0.09	0.22
Italy	0.04	0.05	0.39	0.21	0.12	0.14
Netherlands	34.74	35.38	44.58	52.75	47.53	50.88
Norway	29.57	50.26	84.64	98.12	101.61	102.21
Poland	0.03	0.04	0.04	0.04	0.04	0.05
Slovakia	0.01	0.00	0.37	0.18	0.02	0.00
Spain	0.00	0.00	0.00	0.05	1.07	1.20
Turkey	0.00	0.00	0.00	0.43	0.70	0.64
Ukraine	0.00	2.87	2.66	0.01	0.01	0.01
United Kingdom	1.04	13.51	8.88	11.32	12.65	16.28
<b>Russia and Central Asia</b>						
Russia	183.69	186.76	199.68	188.24	156.53	173.13
Armenia	0.00	0.00	0.03	0.03	0.03	0.03
Azerbaijan	0.06	0.00	0.00	5.25	5.86	6.21
Kazakhstan	2.48	5.22	15.43	6.24	6.62	7.86
Turkmenistan	21.32	32.57	44.20	47.60	19.08	23.68
Uzbekistan	5.45	6.64	12.01	14.53	14.73	14.46
<b>Middle East</b>						
Iran	0.00	0.00	4.78	4.76	6.85	9.74
Oman	0.48	4.37	12.50	15.32	16.72	16.65
Qatar	0.00	14.69	31.12	61.45	71.56	102.83
United Arab Emirates	7.03	7.07	7.14	7.82	7.01	7.42
Yemen	0.00	0.00	0.00	0.00	0.45	5.85
<b>Africa</b>						
Algeria	38.44	63.24	65.71	61.15	55.97	59.29
Egypt	0.00	0.00	15.08	17.24	18.67	15.46
Libya	1.45	0.78	5.26	10.13	8.93	8.81
Mozambique	0.00	0.00	2.21	2.89	2.82	3.39
Nigeria	0.00	5.27	12.27	20.02	15.58	23.40
<b>Asia - Pacific</b>						
Australia	9.85	11.05	14.77	19.08	21.49	25.81
Brunei	8.74	9.10	9.73	10.10	9.55	9.57
China	0.03	2.39	2.96	3.24	3.20	3.20
Indonesia	34.81	40.45	42.46	40.17	38.17	44.15
Malaysia	13.16	19.14	26.66	25.55	26.59	28.05
Myanmar	0.00	4.75	8.96	8.61	8.35	8.86
Vietnam	0.00	0.00	1.53	0.26	0.00	0.00
<b>Americas</b>						
Argentina	0.00	4.63	6.63	1.07	0.61	0.42
Bolivia	2.37	2.00	9.89	12.09	9.80	11.66
Canada	77.20	98.61	104.24	101.03	93.84	92.90
Chile	0.07	0.00	0.00	0.00	0.00	0.00
Colombia	0.00	0.00	0.00	0.08	1.65	1.93
Mexico	0.22	0.25	0.25	1.07	0.70	0.20
Peru	0.00	0.00	0.00	0.00	0.00	2.10
Trinidad and Tobago	0.00	4.00	14.37	20.36	20.94	21.20
United States	4.21	6.65	19.91	26.36	29.38	31.17

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

The First Ten Countries in the World <sup>(\*)</sup>

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
United States	78.47	104.69	120.31	110.12	103.80	103.57
Japan	61.13	75.74	80.86	95.29	92.77	98.69
Germany	65.98	72.85	87.70	89.23	91.05	95.66
Italy	33.52	56.12	71.76	75.09	67.65	73.60
United Kingdom	1.80	2.40	16.00	37.57	42.07	54.41
France	33.52	43.48	49.64	47.83	48.57	50.40
South Korea	9.85	20.36	31.14	39.77	36.03	45.50
Spain	8.97	18.45	36.08	42.08	37.90	38.11
Turkey	6.76	14.37	26.40	36.51	35.21	37.35
Ukraine	63.51	59.24	60.22	52.60	37.97	36.61
<b>First 10 countries</b>	<b>363.50</b>	<b>467.72</b>	<b>580.11</b>	<b>626.09</b>	<b>593.01</b>	<b>633.90</b>
Rest of the World	121.57	170.08	260.79	309.88	306.10	341.76
<b>World</b>	<b>485.07</b>	<b>637.80</b>	<b>840.89</b>	<b>935.97</b>	<b>899.11</b>	<b>975.66</b>



(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.



## Countries (\*)

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Europe</b>						
Austria	6.46	6.28	9.58	9.91	11.34	12.16
Belgium	12.43	15.84	17.67	18.48	21.46	21.19
Belarus	13.40	16.95	19.92	20.85	17.44	21.45
Bosnia Herzegovina	0.15	0.24	0.36	0.42	0.22	0.22
Bulgaria	5.44	3.27	2.93	3.35	2.54	2.63
Croatia	0.27	1.08	1.10	1.18	1.01	1.06
Czech Republic	7.66	8.92	9.07	9.32	9.46	8.32
Estonia	0.69	0.79	0.95	0.92	0.63	0.67
Finland	3.39	4.08	4.29	4.60	4.16	4.57
France	33.52	43.48	49.64	47.83	48.56	50.40
Germany	65.98	72.85	87.70	89.23	91.05	95.66
Greece	0.00	2.01	2.78	4.18	3.53	3.81
Hungary	6.60	8.76	11.70	11.12	9.43	9.44
Ireland	0.10	2.96	3.59	4.92	4.73	5.38
Italy	33.52	56.12	71.76	75.09	67.65	73.60
Latvia	1.19	1.33	1.71	1.31	1.67	1.08
Lithuania	2.42	2.46	2.97	2.98	2.61	2.97
Luxembourg	0.66	0.80	1.40	1.30	1.33	1.43
Macedonia	0.00	0.06	0.07	0.12	0.08	0.08
Moldova	3.05	2.52	2.92	2.37	1.77	0.98
Netherlands	3.29	14.88	19.61	22.62	21.93	22.01
Poland	6.96	7.92	10.22	10.92	9.73	10.63
Portugal	0.00	2.43	4.64	4.94	5.09	5.33
Romania	5.72	3.23	5.00	4.21	1.91	2.16
Serbia and Montenegro	0.80	1.08	2.04	2.13	1.50	1.60
Slovakia	5.41	6.81	7.21	6.12	5.74	5.79
Slovenia	0.89	0.98	1.10	1.05	0.99	1.02
Spain	8.97	18.45	36.08	42.07	37.90	38.11
Sweden	0.90	0.93	1.00	0.99	1.31	1.80
Switzerland	2.62	2.90	3.32	3.35	3.21	3.59
Turkey	6.76	14.37	26.40	36.51	35.21	37.35
Ukraine	63.51	59.24	60.22	52.60	37.97	36.61
United Kingdom	1.80	2.40	16.00	37.57	42.07	54.41

	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia</b>						
Russia	3.47	12.55	7.40	7.63	7.96	7.96
Armenia	1.36	1.34	1.63	2.18	1.71	1.89
Azerbaijan	0.57	0.28	4.53	0.00	0.00	0.00
Georgia	1.14	1.07	1.25	1.27	1.29	1.28
Kazakhstan	8.82	4.22	11.23	6.20	2.16	2.80
Kyrgyzstan	0.85	0.65	0.71	0.73	0.64	0.64
Tajikistan	0.57	0.71	0.61	0.50	0.40	0.40
Turkmenistan	0.00	0.00	0.00	0.00	0.00	0.00
Uzbekistan	1.37	1.57	1.07	1.02	0.82	0.81

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>						
Iran	0.00	3.32	5.22	7.13	5.84	6.54
Israel	0.00	0.00	0.00	0.32	1.49	2.07
Jordan	0.00	0.00	1.44	3.07	3.49	3.08
Oman	0.00	0.00	0.00	1.80	1.59	2.02
United Arab Emirates	0.49	0.00	1.36	15.00	16.81	16.81

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011 and, for Italy, from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

**Countries <sup>(\*)</sup>**

(billion cubic metres)

	1995	2000	2005	2008	2009	2010
<b>Africa</b>						
South Africa	0.00	0.00	2.21	3.12	3.41	4.10
Tunisia	2.14	1.01	1.31	2.56	2.22	2.22

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific</b>						
Australia	0.00	0.00	0.00	5.18	6.11	5.44
China	0.95	2.92	2.61	7.69	10.62	19.39
Hong Kong	0.03	2.92	2.61	3.09	3.01	3.01
India	0.00	0.00	6.94	11.10	12.44	12.48
Japan	61.13	75.74	80.86	95.29	92.77	98.69
Malaysia	0.00	0.00	1.44	3.59	1.14	2.66
Singapore	1.51	1.34	6.95	8.38	8.46	8.91
South Korea	9.85	20.36	31.14	39.77	36.03	45.50
Taiwan	3.52	6.17	9.96	12.62	12.32	15.83
Thailand	0.00	2.06	8.85	8.88	8.91	9.45

	1995	2000	2005	2008	2009	2010
<b>Americas</b>						
Argentina	2.28	0.00	1.73	1.35	2.47	3.29
Brazil	0.00	2.15	8.94	11.28	8.49	12.53
Canada	0.66	1.59	9.34	15.30	20.35	22.29
Chile	0.00	4.38	6.29	0.78	1.46	3.45
Dominican Republic	0.00	0.00	0.25	0.46	0.53	0.78
Mexico	1.74	2.87	9.17	13.79	12.85	13.46
United States	78.46	104.69	120.31	110.12	103.80	103.57
Uruguay	0.00	0.04	0.11	0.10	0.07	0.07

(\*) Data source: the original data are from IEA *Energy Statistics*® OECD/International Energy Agency, 2011. They have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

Totals by Pipeline and LNG - 2009

Totals by Pipeline and LNG - 2009 (\*)  
[billion cubic metres]

Importers ► Exporters ▼	EUROPE																		
	Austria	Belgium	Bosnia Herzegovina	Bulgaria	Croatia	Czech Republic	Estonia	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Latvia	Lithuania	Luxembourg	Macedonia	
Europe																			
Belgium									1.10								0.70		
Croatia														0.86					
Denmark										1.14									
France												0.20							
Germany	1.04	0.80							3.30			0.70					0.60		
Italy																			
Netherlands		6.17							70.5	22.40				72.1					
Norway	1.08	6.78				3.00			14.49	30.08				4.81					
Spain									0.74										
United Kingdom		1.65							0.30	3.70			5.08						
Others Europe											0.70			0.05					
Russia and Central Asia																			
Russia	5.07		0.21	2.06	1.03	6.57	0.71	4.10	75.1	32.07	2.05	7.11		22.92	1.03	2.35		0.08	
Azerbaijan																			
Turkmenistan																			
Middle East																			
Iran																			
Oman																			
Qatar		6.03							0.17					1.55					
United Arab Emirates																			
Yemen																			
Africa																			
Algeria									76.8		0.53			22.71					
Egypt		0.09							1.63		0.17								
Equatorial Guinea									0.08										
Libya														9.17					
Mozambique																			
Nigeria		0.08							2.35										
Asia - Pacific																			
Australia																			
Brunei																			
Indonesia																			
Malaysia																			
Myanmar																			
Americas																			
Argentina																			
Bolivia																			
Canada																			
Colombia																			
Mexico																			
Trinidad and Tobago		0.16							0.72		0.04								
United States																			
TOTAL IMPORTS	7.19	21.76	0.21	2.06	1.03	9.57	0.71	4.10	47.12	89.39	3.49	8.01	5.08	69.28	1.03	2.35	1.30	0.08	

(\*) Data source: Cedigaz *Natural Gas in the World*, GIIGNL and, for Italy, Italian Ministry for Economic Development.

													RUSSIA AND CENTRAL ASIA		MIDDLE EAST							
Netherlands	Poland	Portugal	Romania	Serbia and Montenegro	Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	Others Europe	Armenia	Azerbaijan	Iran	Israel	Jordan	Kuwait	Lebanon	Oman	Syria	United Arab Emirates
							0.08				0.74							0.08				
1.65								1.22														
							0.14		0.50													
2.50	0.50							0.09	1.45													
												0.13										
									0.75		6.44											
76.0							3.29		0.09		23.96											
		0.26																				
1.20																						
4.03	8.44		2.05	1.55	5.10	0.50			0.28	173.8								0.41				
										5.46												
															0.35							
															5.77							
										5.25			0.42	0.25								
							1.30			0.09								0.08				
							4.98			0.32	5.75									1.50		172.5
		0.08																				
							0.09															
		1.44				0.38	12.13			4.20	1.68											
							4.10			0.08	0.51					1.70	2.85		0.04		0.91	
		0.09																				
							0.72															
		2.14					4.99			0.94												
											0.08							0.08				
																		0.09				
		0.40					4.18			0.08	1.97							0.15				
16.98	8.94	4.41	2.05	1.55	5.10	0.88	36.00	1.31	3.07	33.80	41.13	0.13	0.42	0.25	6.12	1.70	2.85	0.89	0.04	1.50	0.91	172.5

AFRICA			ASIA - PACIFIC								AMERICAS										TOTAL EXPORTS
Morocco	South Africa	Tunisia	China	India	Japan	Malaysia	Singapore	South Korea	Taiwan	Thailand	Argentina	Brazil	Canada	Chile	Dominican Republic	Mexico	United States	Uruguay	Venezuela		
			0.08																	2.78	
																				0.86	
																				4.01	
																				0.84	
																				10.98	
																				0.13	
																				50.02	
																0.09	0.84			96.11	
																				1.00	
																				11.93	
																				0.75	
			0.25	0.67	3.69			1.35	0.24											140.81	
																				5.81	
																				5.77	
																				5.92	
			0.09	0.35	3.44			6.05	0.16											11.56	
			0.55	8.25	10.29			9.28	1.56				0.09	0.16		0.12	0.36			68.21	
				0.17	6.75															70.0	
								0.25								0.08				0.42	
0.50		1.25		0.16				0.08												52.74	
			0.08	0.33	0.24			0.31	0.08		0.16		0.08			0.34	4.54			18.24	
			0.08	0.25	1.70			1.52	0.67					0.33						4.72	
																				9.89	
	2.53																			2.53	
			0.08	0.32	0.77			0.23	0.93			0.08				2.68	0.38			15.97	
			4.75	1.12	15.87			1.75	0.60											24.25	
					8.11			0.70												8.81	
			0.72	0.08	172.5	1.52	6.81	4.10	3.77							0.08				34.33	
			0.88	0.25	16.79		1.25	78.1	3.71											30.78	
										8.29										8.29	
														0.84				0.04		0.88	
											1.70	8.09								9.79	
																	92.24			92.24	
																		1.80		1.80	
																	0.79			0.79	
			0.08	0.68	0.14			0.90	0.08		0.80	0.27	0.80	0.16	0.56	0.16	7.44			19.77	
					0.86								19.85			9.61				30.32	
0.50	2.53	1.25	76.4	12.63	85.90	1.52	8.06	34.33	11.80	8.29	2.66	8.44	20.82	1.49	0.56	13.16	106.59	0.04	1.80	791.04	

By Pipeline - 2009

By Pipeline - 2009 (\*)  
[billion cubic metres]

Importers ► Exporters ▼	EUROPE															
	Austria	Belgium	Bosnia Herzegovina	Bulgaria	Croatia	Czech Republic	Estonia	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Latvia	Lithuania
Europe																
Belgium									1.10							
Croatia														0.86		
Denmark										1.14						
France												0.20				
Germany	1.04	0.80							3.30			0.70				
Italy																
Netherlands		6.17							70.5	22.40				72.1		
Norway	1.08	6.61				3.00			14.05	30.08				4.81		
Spain									0.74							
United Kingdom		1.65							0.30	3.70			5.08			
Others Europe											0.70			0.05		
Russia and Central Asia																
Russia	5.07		0.21	2.06	1.03	6.57	0.71	4.10	75.1	32.07	2.05	7.11		22.92	1.03	2.35
Azerbaijan																
Turkmenistan																
Middle East																
Iran																
Qatar																
Africa																
Algeria														21.37		
Egypt																
Libya														9.17		
Mozambique																
Asia - Pacific																
Indonesia																
Malaysia																
Myanmar																
Americas																
Argentina																
Bolivia																
Canada																
Colombia																
Mexico																
United States																
TOTAL IMPORTS	7.19	15.23	0.21	2.06	1.03	9.57	0.71	4.10	34.05	89.39	2.75	8.01	5.08	66.39	1.03	2.35

(\*) Data source: Cedigaz *Natural Gas in the World* and, for Italy, Italian Ministry for Economic Development.



															RUSSIA AND CENTRAL ASIA		MIDDLE EAST		
Luxembourg	Macedonia	Netherlands	Poland	Portugal	Romania	Serbia and Montenegro	Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	Others Europe	Armenia	Azerbaijan	Iran	Israel	Jordan
0.70													0.74						
		1.65								1.22									
									0.14		0.50								
0.60		2.50	0.50							0.09	1.45								
														0.13					
		76.0									0.75		6.44						
				0.26					1.91		0.09		23.70						
		1.20																	
	0.08	4.03	8.44		2.05	1.55	5.10	0.50			0.28	173.8							
											5.46						0.35		
																	5.77		
												5.25			0.42	0.25			
				1.33				0.38	6.94									1.70	2.85
1.30	0.08	16.98	8.94	1.59	2.05	1.55	5.10	0.88	8.99	1.31	3.07	28.09	30.88	0.13	0.42	0.25	6.12	1.70	2.85

				AFRICA			ASIA - PACIFIC			AMERICAS								TOTAL EXPORTS
Lebanon	Oman	Syria	United Arab Emirates	Morocco	South Africa	Tunisia	Malaysia	Singapore	Thailand	Argentina	Brazil	Canada	Chile	Mexico	United States	Uruguay	Venezuela	
																		2.54
																		0.86
																		4.01
																		0.84
																		10.98
																		0.13
																		50.02
																		92.93
																		1.00
																		11.93
																		0.75
																		134.20
																		5.81
																		5.77
																		5.92
	1.50		172.5															18.75
				0.50		1.25												31.77
0.04		0.91																5.50
					2.53													9.17
																		2.53
							1.52	6.81										8.33
								1.25										1.25
									8.29									8.29
													0.84			0.04		0.88
										1.70	8.09							9.79
															92.24			92.24
																	1.80	1.80
															0.79			0.79
												19.85		9.61				29.46
0.04	1.50	0.91	172.5	0.50	2.53	1.25	1.52	8.06	8.29	1.70	8.09	19.85	0.84	9.61	93.03	0.04	1.80	548.23

## By LNG - 2009 (\*)

[billion cubic metres]

Importers ► Exporters ▼	EUROPE								MIDDLE EAST	ASIA - PACIFIC					AMERICAS							TOTAL EXPORTS
	Belgium	France	Greece	Italy	Portugal	Spain	Turkey	United Kingdom	Kuwait	China	India	Japan	South Korea	Taiwan	Argentina	Brazil	Canada	Chile	Dominican Republic	Mexico	United States	
<b>Europe</b>																						
Belgium						0.08			0.08	0.08												0.24
Norway	0.17	0.44				1.38		0.26												0.09	0.84	3.18
<b>Russia and Central Asia</b>																						
Russia									0.41	0.25	0.67	3.69	1.35	0.24								6.61
<b>Middle East</b>																						
Oman						1.30	0.09		0.08	0.09	0.35	3.44	6.05	0.16								11.56
Qatar	6.03	0.17		1.55		4.98	0.32	5.75		0.55	8.25	10.29	9.28	1.56			0.09	0.16		0.12	0.36	49.46
United Arab Emirates					0.08						0.17	6.75										7.00
Yemen						0.09							0.25							0.08		0.42
<b>Africa</b>																						
Algeria		76.8	0.53	1.34	0.11	5.19	4.20	1.68			0.16		0.08									20.97
Egypt	0.09	1.63	0.17			4.10	0.08	0.51		0.08	0.33	0.24	0.31	0.08	0.16		0.08			0.34	4.54	12.74
Equatorial Guinea		0.08			0.09					0.08	0.25	1.70	1.52	0.67			0.33					4.72
Libya						0.72																0.72
Nigeria	0.08	2.35			2.14	4.99	0.94			0.08	0.32	0.77	0.23	0.93	0.08					2.68	0.38	15.97
<b>Asia - Pacific</b>																						
Australia								0.08	0.08	4.75	1.12	15.87	1.75	0.60								24.25
Brunei												8.11	0.70									8.81
Indonesia										0.72	0.08	12.25	4.10	3.77						0.08		26.00
Malaysia									0.09	0.88	0.25	16.79	7.81	3.71								29.53
<b>Americas</b>																						
Trinidad and Tobago	0.16	0.72	0.04		0.40	4.18	0.08	1.97	0.15	0.08	0.68	0.14	0.90	0.08	0.80	0.27	0.80	0.16	0.56	0.16	7.44	19.77
United States												0.86										0.86
<b>TOTAL IMPORTS</b>	<b>6.53</b>	<b>13.07</b>	<b>0.74</b>	<b>2.89</b>	<b>2.82</b>	<b>27.01</b>	<b>5.71</b>	<b>10.25</b>	<b>0.89</b>	<b>7.64</b>	<b>12.63</b>	<b>85.90</b>	<b>34.33</b>	<b>11.80</b>	<b>0.96</b>	<b>0.35</b>	<b>0.97</b>	<b>0.65</b>	<b>0.56</b>	<b>3.55</b>	<b>13.56</b>	<b>242.81</b>

(\*) Data source: Cedigaz Natural Gas in the World, GIGNL and, for Italy, Italian Ministry for Economic Development.

Totals by Pipeline and LNG - 2010

Totals by Pipeline and LNG - 2010 <sup>(\*)</sup>

[billion cubic metres]

Importers ► Exporters ▼	EUROPE																		
	Austria	Belgium	Bosnia Herzegovina	Bulgaria	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Latvia	Lithuania	Luxembourg	Macedonia
<b>Europe</b>																			
Belgium										1.20								0.62	
Croatia															0.45				
Denmark											1.14								
France													0.70						
Germany	0.44	0.81					0.15			3.98			0.30					0.75	
Italy																			
Netherlands		5.55								6.85	24.20				3.16				
Norway	1.08	6.91				3.10				14.15	30.20				2.98				
Spain										0.63									
United Kingdom		4.95								0.60	2.85			5.29					
Others Europe												0.66			9.52				
<b>Russia and Central Asia</b>																			
Russia	5.25		0.21	2.16	1.03	8.44		0.36	4.50	8.05	34.43	2.05	6.47		15.08	0.66	2.63		0.08
Azerbaijan																			
Turkmenistan																			
<b>Middle East</b>																			
Iran																			
Oman																			
Qatar		5.80								2.43					6.15				
United Arab Emirates																			
Yemen										0.08									
<b>Africa</b>																			
Algeria										6.27		0.98			27.59				
Egypt		0.17								0.73		0.08			0.82				
Equatorial Guinea												0.03							
Libya															9.41				
Mozambique																			
Nigeria		0.16								3.57									
<b>Asia - Pacific</b>																			
Australia																			
Brunei																			
Indonesia																			
Malaysia																			
Myanmar																			
<b>Americas</b>																			
Argentina																			
Bolivia																			
Canada																			
Colombia																			
Mexico																			
Peru		0.08																	
Trinidad and Tobago		0.08								0.35		0.08			0.17				
United States		0.05																	
<b>TOTAL IMPORTS</b>	<b>6.77</b>	<b>24.56</b>	<b>0.21</b>	<b>2.16</b>	<b>1.03</b>	<b>11.54</b>	<b>0.15</b>	<b>0.36</b>	<b>4.50</b>	<b>48.89</b>	<b>92.82</b>	<b>3.88</b>	<b>7.47</b>	<b>5.29</b>	<b>75.34</b>	<b>0.66</b>	<b>2.63</b>	<b>1.37</b>	<b>0.08</b>

(\*) Data source: Cedigaz *Natural Gas in the World*, GIIGNL and, for Italy, Italian Ministry for Economic Development.

													RUSSIA AND CENTRAL ASIA		MIDDLE EAST							
Netherlands	Poland	Portugal	Romania	Serbia and Montenegro	Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	Others Europe	Armenia	Azerbaijan	Iran	Israel	Jordan	Kuwait	Lebanon	Oman	Syria	United Arab Emirates
							0.08			0.08	1.26							0.09				
0.76								1.64														
							0.23		0.60													
2.61	1.07								2.15													
												0.14										
									0.55		8.07											
8.11		0.05					3.30		0.05	0.26	26.57											
		0.52																				
1.46																						
4.03	9.08		2.15	1.91	5.47	0.50			0.28	16.64								0.09				
										4.35												
															0.35							
															6.50							
										7.77			0.40	0.25								
							0.17											0.91				
		0.08					5.54			1.92	13.89									1.90		17.41
																		0.25				
							0.18				0.26							0.09				
		1.43				0.38	12.05			3.87	1.25											
							2.62			0.27	0.12					2.10	2.52	0.33	0.15		0.69	
																		0.29				
							0.34															
		2.70					7.82			1.26	0.40							0.08				
																			0.09			
																		0.24				
							0.63															
		0.18					3.32			0.26	1.63							0.33				
							0.12				0.18											
16.97	10.15	4.96	2.15	1.91	5.47	0.88	36.40	1.64	3.63	36.68	53.63	0.14	0.40	0.25	6.85	2.10	2.52	2.79	0.15	1.90	0.69	17.41

AFRICA				ASIA - PACIFIC								AMERICAS										TOTAL EXPORTS
Ghana	Morocco	South Africa	Tunisia	China	India	Japan	Malaysia	Singapore	South Korea	Taiwan	Thailand	Argentina	Brazil	Canada	Chile	Dominican Republic	Mexico	United States	Uruguay	Venezuela		
				0.08		0.08			0.08				0.08								3.65	
																					0.45	
																					3.54	
																					1.53	
																					12.26	
																					0.14	
																					48.38	
									0.16	0.07			0.08					0.76			97.83	
																					1.15	
																					15.15	
																					10.18	
				0.51		8.23			3.90	0.67											144.86	
																					4.70	
				3.55																	10.05	
																					8.42	
						3.80			6.11	0.50											11.49	
				1.61	10.53	10.15			10.16	3.75		0.15	0.59	0.25	0.25		1.02	1.29			94.87	
				0.08		6.86			0.25	0.42			0.04								7.90	
				0.70	0.37	0.16			2.27						0.08		0.18	1.10			5.47	
	0.50		1.25			0.08									0.17						55.82	
				0.08	0.09	0.57			0.98	0.17					0.55		0.16	2.07			15.27	
				0.08	0.17	0.72			1.85	0.35			0.08		1.50						5.07	
																					9.75	
		3.04																			3.04	
0.12				0.17	0.33	0.84			1.18	1.09			0.89				2.23	1.18			24.02	
				5.21		17.66			1.33	1.06											25.35	
						7.78			1.05												8.83	
				2.45		17.00	2.94	6.95	7.42	2.62							1.87				41.25	
				1.68		18.55		1.45	6.39	3.68											31.99	
											8.81										8.81	
															0.34				0.08		0.42	
												1.83	9.82								11.65	
																		92.40			92.40	
																				2.18	2.18	
																		0.85			0.85	
				0.08					0.08				0.16	0.08			0.26	0.45			1.82	
				0.07	0.66	0.15			0.88	0.51		1.63	0.85	1.59	0.52	0.82		6.15			20.23	
						0.85			0.35				0.09	20.91			9.43				31.98	
0.12	0.50	3.04	1.25	16.35	12.15	93.48	2.94	8.40	44.44	14.89	8.81	3.61	12.60	22.91	3.41	0.82	15.15	106.25	0.08	2.18	872.76	

By Pipeline - 2010



By Pipeline - 2010 <sup>(\*)</sup>

(billion cubic metres)

	EUROPE																
Importers ► Exporters ▼	Austria	Belgium	Bosnia Herzegovina	Bulgaria	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Latvia	Lithuania
Europe																	
Belgium										1.20							
Croatia															0.45		
Denmark											1.14						
France													0.70				
Germany	0.44	0.81					0.15			3.98			0.30				
Italy																	
Netherlands		5.55								6.85	24.20				3.16		
Norway	1.08	6.82				3.10				13.64	30.20				2.82		
Spain										0.63							
United Kingdom		4.95								0.60	2.85			5.29			
Others Europe												0.66			9.52		
Russia and Central Asia																	
Russia	5.25		0.21	2.16	1.03	8.44		0.36	4.50	8.05	34.43	2.05	6.47		15.08	0.66	2.63
Azerbaijan																	
Turkmenistan																	
Middle East																	
Iran																	
Qatar																	
Africa																	
Algeria															25.96		
Egypt																	
Libya															9.41		
Mozambique																	
Nigeria																	
Asia - Pacific																	
Indonesia																	
Malaysia																	
Myanmar																	
Americas																	
Argentina																	
Bolivia																	
Canada																	
Colombia																	
Mexico																	
United States																	
TOTAL IMPORTS	6.77	18.13	0.21	2.16	1.03	11.54	0.15	0.36	4.50	34.95	92.82	2.71	74.7	5.29	66.40	0.66	2.63

(\*) Data source: Cedigaz *Natural Gas in the World* and, for Italy, Italian Ministry for Economic Development.

															RUSSIA AND CENTRAL ASIA		MIDDLE EAST			
Luxembourg	Macedonia	Netherlands	Poland	Portugal	Romania	Serbia and Montenegro	Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	Others Europe	Armenia	Azerbaijan	Iran	Israel	Jordan	Lebanon
0.62													1.26							
		0.76								1.64										
									0.23		0.60									
0.75		2.61	1.07								2.15									
														0.14						
											0.55		8.07							
		8.11							1.66		0.05		25.63							
		1.46		0.52																
	0.08	4.03	9.08		2.15	1.91	5.47	0.50			0.28	16.64								
												4.35					0.35			
																	6.50			
												7.77			0.40	0.25				
			1.43					0.38	6.97									2.10	2.52	0.15
1.37	0.08	16.97	10.15	1.95	2.15	1.91	5.47	0.88	8.86	1.64	3.63	28.76	34.96	0.14	0.40	0.25	6.85	2.10	2.52	0.15

			AFRICA				ASIA - PACIFIC				AMERICAS								TOTAL EXPORTS
Oman	Syria	United Arab Emirates	Ghana	Morocco	South Africa	Tunisia	China	Malaysia	Singapore	Thailand	Argentina	Brazil	Canada	Chile	Mexico	United States	Uruguay	Venezuela	
																			3.08
																			0.45
																			3.54
																			1.53
																			12.26
																			0.14
																			48.38
																			93.11
																			1.15
																			15.15
																			10.18
																			131.46
																			4.70
							3.55												10.05
																			8.42
1.90		172.5																	19.15
				0.50		1.25													36.49
	0.69																		5.46
																			9.41
					3.04														3.04
			0.12																0.12
								2.94	6.95										9.89
									1.45										1.45
										8.81									8.81
														0.34			0.08		0.42
											1.83	9.82							11.65
																92.40			92.40
																		2.18	2.18
																0.85			0.85
													20.91		9.43				30.34
1.90	0.69	172.5	0.12	0.50	3.04	1.25	3.55	2.94	8.40	8.81	1.83	9.82	20.91	0.34	9.43	93.25	0.08	2.18	575.26

By LNG - 2010 <sup>(\*)</sup>

[billion cubic metres]

Importers ► Exporters ▼	EUROPE								MIDDLE EAST		ASIA - PACIFIC					AMERICAS							TOTAL EXPORTS
	Belgium	France	Greece	Italy	Portugal	Spain	Turkey	United Kingdom	Kuwait	United Arab Emirates	China	India	Japan	South Korea	Taiwan	Argentina	Brazil	Canada	Chile	Dominican Republic	Mexico	United States	
Europe																							
Belgium						0.08	0.08		0.09		0.08		0.08	0.08			0.08						0.57
Norway	0.09	0.51		0.16	0.05	1.64	0.26	0.94					0.16	0.07			0.08					0.76	4.72
Russia and Central Asia																							
Russia									0.09		0.51		8.23	3.90	0.67								13.40
Middle East																							
Oman						0.17			0.91				3.80	6.11	0.50								11.49
Qatar	5.80	2.43		6.15	0.08	5.54	1.92	13.89		0.16	1.61	10.53	10.15	10.16	3.75	0.15	0.59	0.25	0.25		1.02	1.29	75.72
United Arab Emirates									0.25		0.08		6.86	0.25	0.42		0.04						7.90
Yemen		0.08				0.18		0.26	0.09		0.70	0.37	0.16	2.27				0.08		0.18	1.10	5.47	
Africa																							
Algeria		6.27	0.98	1.63		5.08	3.87	1.25					0.08						0.17				19.33
Egypt	0.17	0.73	0.08	0.82		2.62	0.27	0.12	0.33		0.08	0.09	0.57	0.98	0.17				0.55		0.16	2.07	9.81
Equatorial Guinea			0.03						0.29		0.08	0.17	0.72	1.85	0.35		0.08	1.50					5.07
Libya						0.34																	0.34
Nigeria	0.16	3.57			2.70	7.82	1.26	0.40	0.08		0.17	0.33	0.84	1.18	1.09	0.89					2.23	1.18	23.90
Asia - Pacific																							
Australia									0.09		5.21		17.66	1.33	1.06								25.35
Brunei													7.78	1.05									8.83
Indonesia											2.45		17.00	7.42	2.62						1.87		31.36
Malaysia									0.24		1.68		18.55	6.39	3.68								30.54
Americas																							
Peru	0.08					0.63					0.08			0.08			0.16	0.08			0.26	0.45	1.82
Trinidad and Tobago	0.08	0.35	0.08	0.17	0.18	3.32	0.26	1.63	0.33		0.07	0.66	0.15	0.88	0.51	1.63	0.85	1.59	0.52	0.82		6.15	20.23
United States	0.05					0.12		0.18					0.85	0.35			0.09						1.64
TOTAL IMPORTS	6.43	13.94	1.17	8.94	3.01	27.54	7.92	18.67	2.79	0.16	12.80	12.15	93.48	44.44	14.89	1.78	2.78	2.00	3.07	0.82	5.72	13.00	297.50

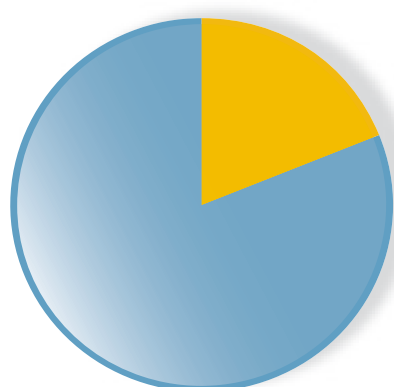
(\*) Data source: Cedigaz *Natural Gas in the World*, GIGNL and, for Italy, Italian Ministry for Economic Development.

## World International Trade and Production

	Production (billion cubic metres)	Exports <sup>(*)</sup> (billion cubic metres)	By LNG (billion cubic metres)	By Pipeline <sup>(**)</sup> (billion cubic metres)	Exports/ Production (%)	By LNG/ Production (%)	By Pipeline/ Production (%)
1995	2,167.71	481.91	92.73	389.18	22.23	4.28	17.95
1996	2,259.60	525.73	100.30	425.43	23.27	4.44	18.83
1997	2,258.93	530.48	111.07	419.41	23.48	4.92	18.57
1998	2,308.06	536.58	113.95	422.63	23.25	4.94	18.31
1999	2,385.71	585.61	124.42	461.19	24.55	5.22	19.33
2000	2,464.03	641.11	137.24	503.87	26.02	5.57	20.45
2001	2,505.66	655.42	143.27	512.15	26.16	5.72	20.44
2002	2,564.87	698.83	150.60	548.23	27.25	5.87	21.37
2003	2,667.90	739.96	168.84	571.12	27.74	6.33	21.41
2004	2,747.47	804.94	175.07	629.87	29.30	6.37	22.93
2005	2,834.18	849.21	188.89	660.32	29.96	6.66	23.30
2006	2,925.65	867.51	210.52	656.99	29.65	7.20	22.46
2007	2,987.58	888.87	226.82	662.05	29.75	7.59	22.16
2008	3,098.42	928.08	226.32	701.77	29.95	7.30	22.65
2009	3,001.49	873.12	242.81	630.31	29.09	8.09	21.00
2010	3,231.37	969.83	297.50	672.33	30.01	9.21	20.81

1995

World Exports: 481.91 billion cubic metres

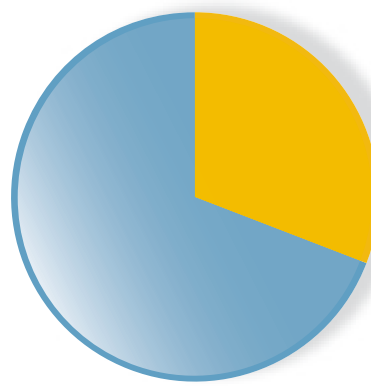


■ LNG 19%

■ Pipeline 81%

2010

World Exports: 969.83 billion cubic metres



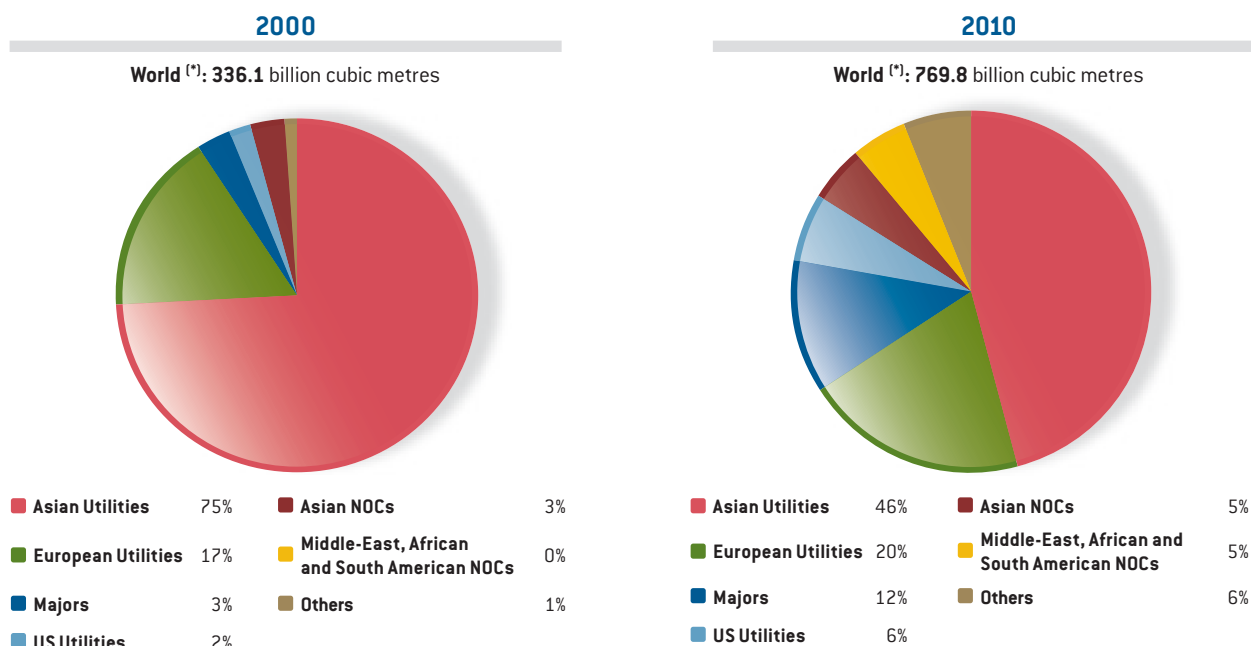
■ LNG 31%

■ Pipeline 69%

[\*] Exports include not only volumes of natural gas produced and exported, but also those bought and re-sold to third parties.

[\*\*] By Pipeline = Totals - LNG exports.

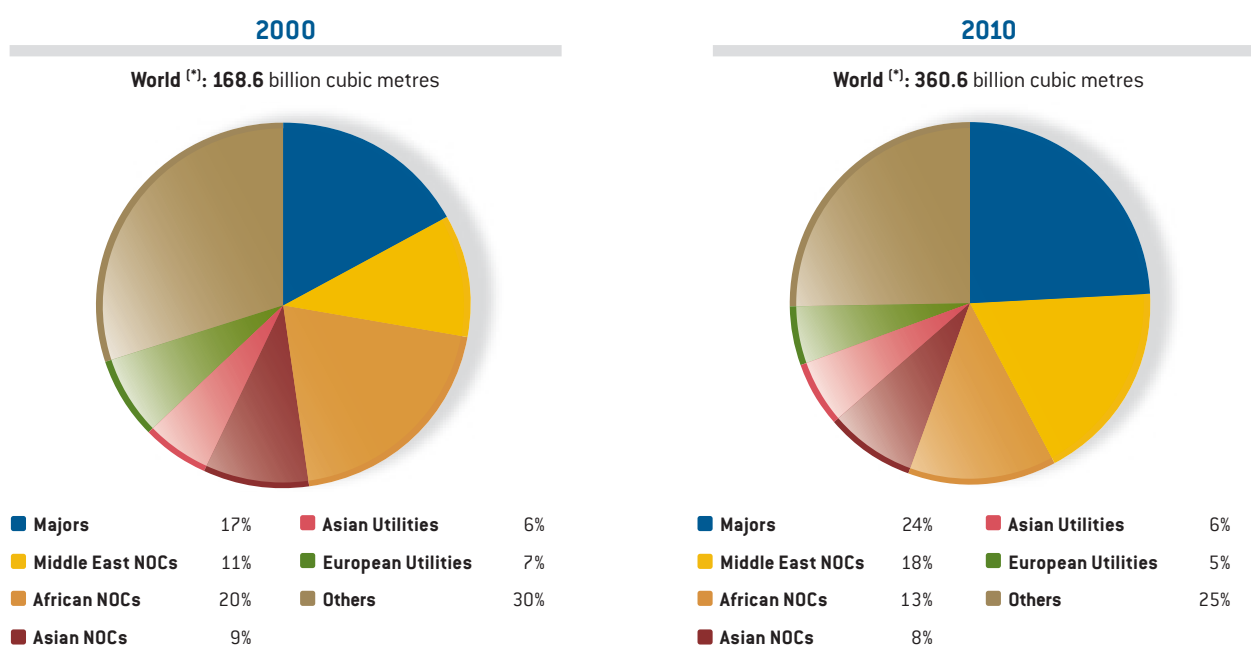
## LNG Regasification Capacity by cluster of Companies



**Majors:** ExxonMobil, BP, Shell, Chevron, Total, ConocoPhillips, Eni. **Asian NOCs:** BPCL (Bharat Petroleum Corporation Limited), CNOOC, CPC (Taiwan Chinese Petroleum Corp.), Gazprom, IOC (Indian Oil Corporation), ONGC, Petronas. **Asian Utilities:** Chubu Electric Power, Chugoku Electric Power, Egegaz, Electric Power, GAIL, Gas Bureau (Sendai City), Guangdong Consortium, Hiroshima Gas, HongKong Electric, Kansai, KOGAS, K-Power, Kyushu Electric Power, Nippon Gas, Oita Gas, Okinawa Electric Power, POSCO, Saibu Gas, Shenergy, Shikoku Electric Power, Shizouka Gas, Toho Gas, Tokyo Electric Power, Tokyo Gas, Towngas. **European Utilities:** BG, Botas, Centrica, CEPSA, Depa, Distrigas, Edf, Edison, Enagas, Enel, E.ON, EVE, Gas Natural Fenosa, GdF Suez, Iberdrola, RWE. **Middle East, African and South American NOCs:** Enarsa, Kuwait National Petroleum Corp., Petrobras, Qatar Petroleum, Sonatrach. **US Utilities:** AES, Cheniere Energy, Dow Chemical, Excelebrate Energy, Sempra Energy.

**NOTE:** Capacity is calculated by equity participation into the plant or, if there is a long term contract, by booked capacity.

## LNG Liquefaction Capacity by cluster of Companies



**Majors:** ExxonMobil, BP, Shell, Chevron, Total, ConocoPhillips, Eni. **African NOCs:** EGAS, GEPetrol, National Libyan Oil Company, NNPC, Sonatrach. **Asian NOCs:** Gazprom, Petronas. **Asian Utilities:** Hyundai, Itochu, KOGAS, LNG Japan Corporation, Marubeni, Mitsubishi, Mitsui, Osaka Gas, SK Corp., Tokyo Gas. **European Utilities:** BG, Gas Natural Fenosa, GdF Suez, RWE. **Middle East NOCs:** ADNOC, Qatar Petroleum, Yemen Gas Co. **Others:** include South American NOCs.

**NOTE:** Capacity is calculated by equity participation into the plant.

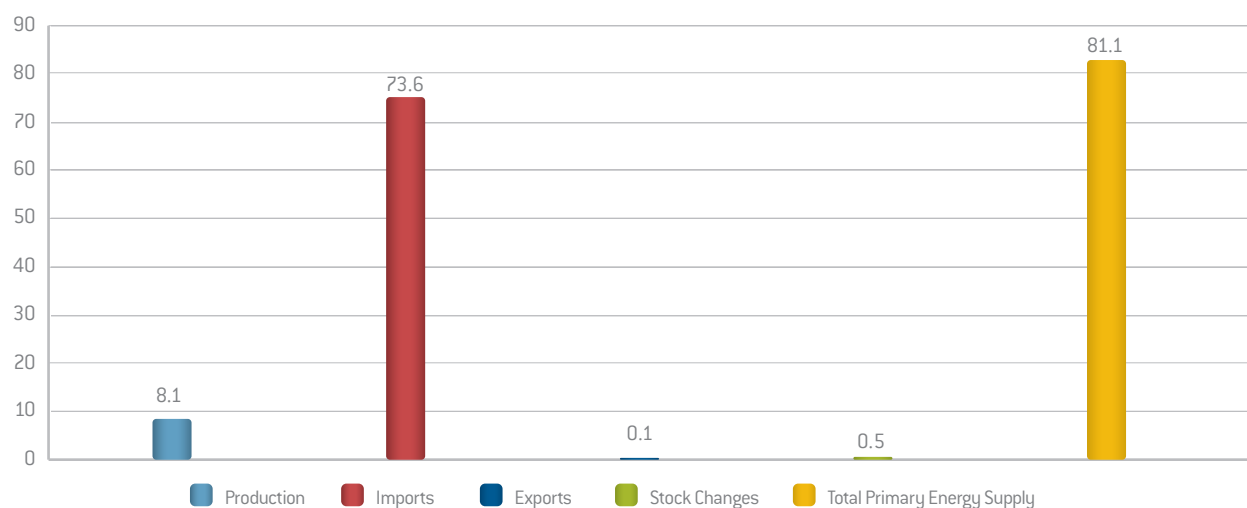
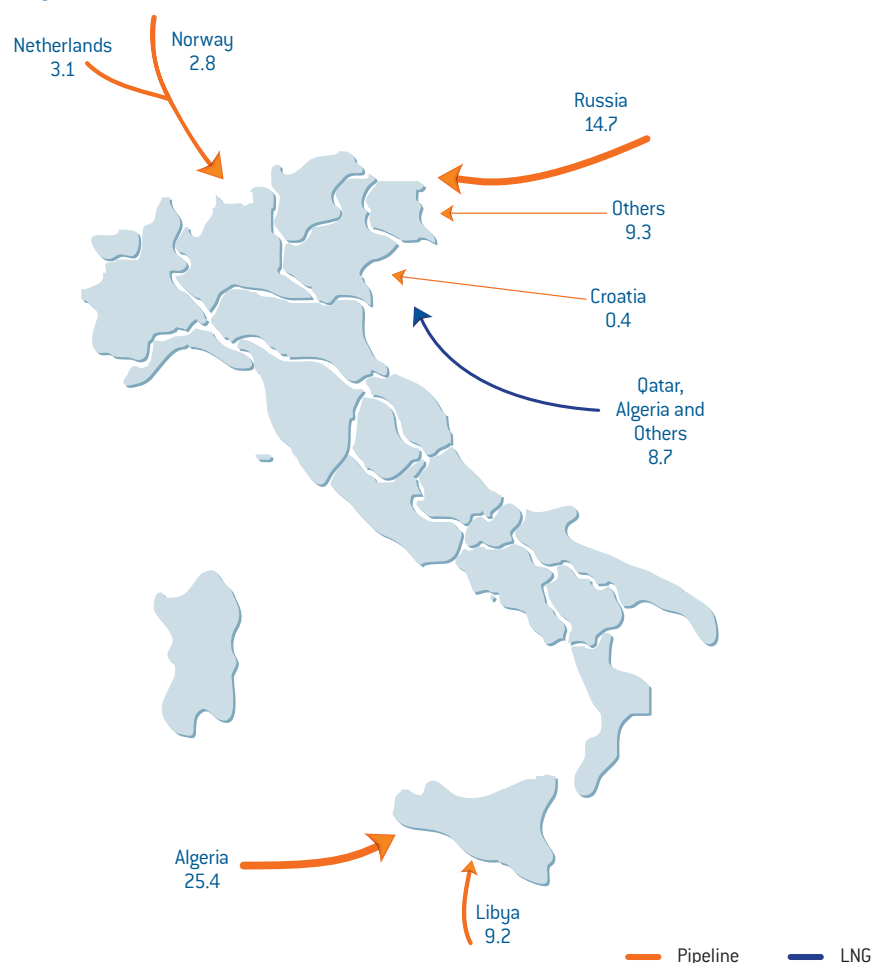
(\*) Data source: Wood Mackenzie LNG Tool.

# Italy (\*)

(billion cubic metres)

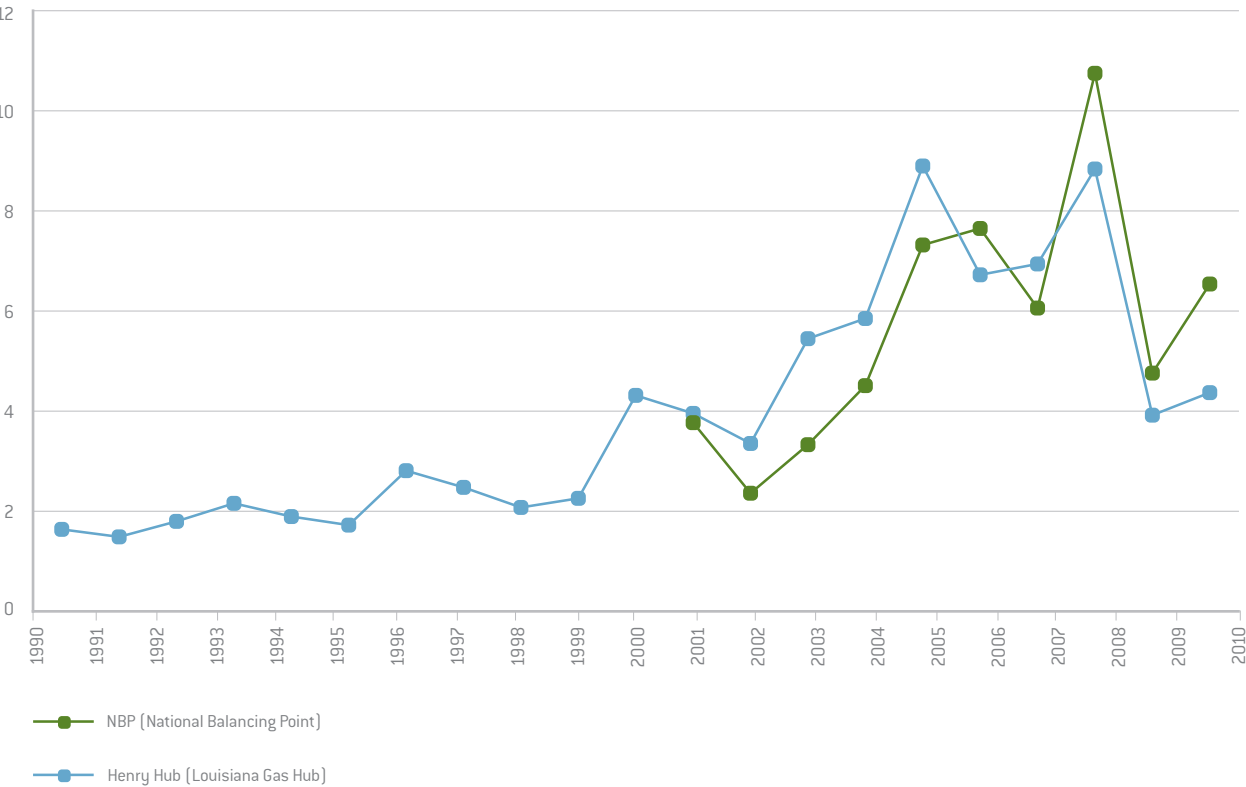
	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production	19.91	16.25	14.89	14.29	13.56	12.66	11.79	10.73	9.48	9.04	7.83	8.11
Imports	33.52	56.12	53.51	57.92	61.34	66.34	71.76	75.61	72.24	75.09	67.65	73.60
Exports	0.04	0.05	0.06	0.05	0.37	0.39	0.39	0.36	0.07	0.21	0.12	0.14
Stock Changes	0.27	3.21	-0.96	3.33	-1.35	-0.13	-1.10	3.44	-1.28	1.01	-0.87	0.51
<b>Total Primary Energy Supply</b>	<b>53.13</b>	<b>69.11</b>	<b>69.30</b>	<b>68.83</b>	<b>75.89</b>	<b>78.75</b>	<b>84.27</b>	<b>82.53</b>	<b>82.94</b>	<b>82.92</b>	<b>76.22</b>	<b>81.07</b>

## 2010 (Preliminary Estimate)



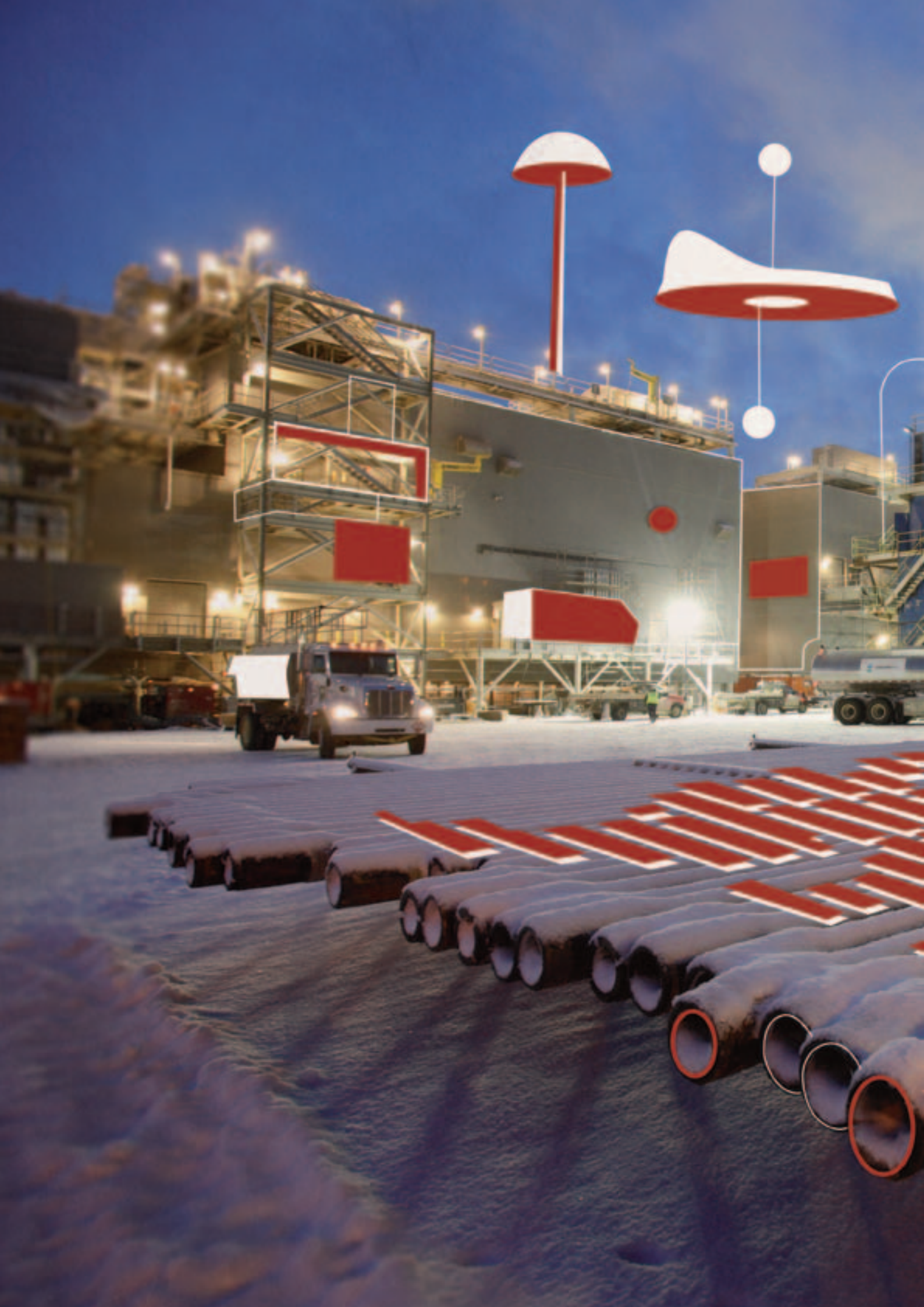
(\*) Data source: The original data are from Italian Ministry for Economic Development. The data have been converted by Eni using a unified gross calorific value of 39 MJ/cm.

Natural Gas Prices (\*)  
(US\$/million btu)



(\*) Data source: Platt's. The redistribution or reproduction of data is strictly prohibited without prior authorization from Platt's.







World Oil and Gas Review 2011

## Production Quality



## Production Quality

## World

Crude production by quality  
(gravity and sulphur content)

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>World (A)</b>	<b>62,719</b>	<b>68,030</b>	<b>73,764</b>	<b>74,211</b>	<b>72,523</b>	<b>74,031</b>
Ultra Light	1,216	1,603	1,934	2,237	2,409	2,611
Light & Sweet	12,098	12,518	11,884	10,740	10,149	11,045
Light & Medium Sour	2,412	2,733	2,969	3,706	3,595	3,697
Light & Sour	1,934	2,477	2,511	2,781	2,350	2,338
Medium & Sweet	5,960	7,108	8,000	8,565	8,551	7,732
Medium & Medium Sour	1,678	1,944	1,858	2,556	2,459	2,273
Medium & Sour	24,846	25,739	29,994	29,346	28,259	28,717
Heavy & Sweet	1,149	1,074	1,423	1,722	1,797	2,162
Heavy & Medium Sour	855	1,397	1,850	1,934	2,397	2,605
Heavy & Sour	4,433	5,597	6,035	5,441	4,943	5,017
Unassigned production: (B)	6,138	5,837	5,307	5,184	5,616	5,835
- of which US Lower 48	5,062	4,850	4,311	4,268	4,722	4,970
- other	1,076	987	996	916	894	865
% Unassigned production (B/A)	9.8	8.6	7.2	7.0	7.7	7.9

## Crude production by gravity

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>World</b>	<b>62,719</b>	<b>68,030</b>	<b>73,764</b>	<b>74,211</b>	<b>72,523</b>	<b>74,031</b>
Light	17,660	19,332	19,298	19,463	18,503	19,691
Medium	32,485	34,791	39,851	40,467	39,268	38,722
Heavy	6,437	8,068	9,307	9,097	9,137	9,783
Unassigned production	6,138	5,837	5,307	5,184	5,616	5,835
(percentage)						
Light	28.2	28.4	26.2	26.2	25.5	26.6
Medium	51.8	51.1	54.0	54.5	54.1	52.3
Heavy	10.3	11.9	12.6	12.3	12.6	13.2
Unassigned production	9.8	8.6	7.2	7.0	7.7	7.9

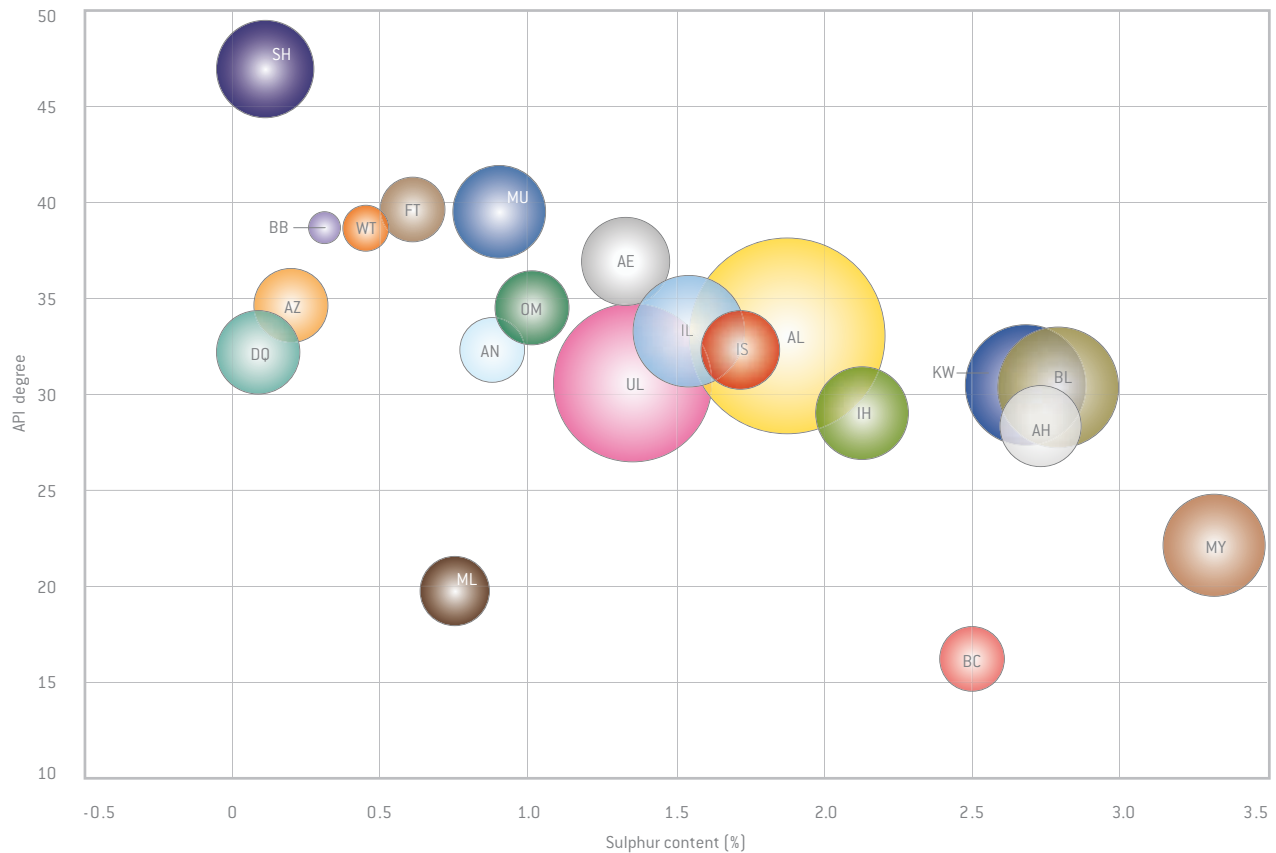
## Crude production by sulphur content

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>World</b>	<b>62,719</b>	<b>68,030</b>	<b>73,764</b>	<b>74,211</b>	<b>72,523</b>	<b>74,031</b>
Sweet	20,423	22,303	23,240	23,263	22,905	23,550
Medium Sour	4,945	6,075	6,677	8,196	8,451	8,574
Sour	31,214	33,814	38,540	37,568	35,552	36,072
Unassigned production	6,138	5,837	5,307	5,184	5,616	5,835
(percentage)						
Sweet	32.6	32.8	31.5	31.3	31.6	31.8
Medium Sour	7.9	8.9	9.1	11.0	11.7	11.6
Sour	49.8	49.7	52.2	50.6	49.0	48.7
Unassigned production	9.8	8.6	7.2	7.0	7.7	7.9

## Quality and production volume of main crudes

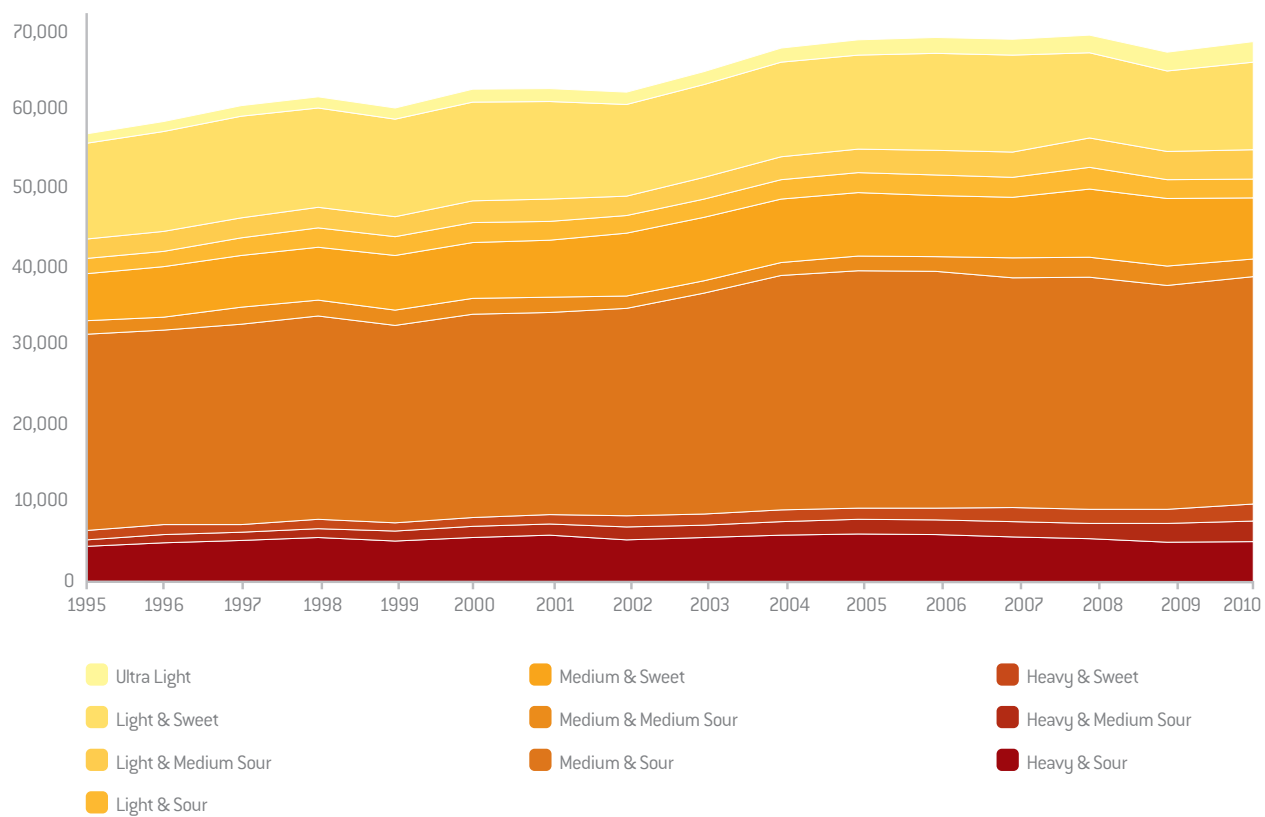
(thousand barrels/day)



- |                                      |                          |                       |                               |
|--------------------------------------|--------------------------|-----------------------|-------------------------------|
| AE - Arab Extra Light (Saudi Arabia) | BC - BCF 17 (Venezuela)  | IS - Isthmus (Mexico) | SH - Saharan Blend (Algeria)  |
| AH - Arab Heavy (Saudi Arabia)       | BL - Basrah Light (Iraq) | KW - Kuwait (Kuwait)  | UL - Urals (Russia)           |
| AL - Arab Light (Saudi Arabia)       | DQ - Daqing (China)      | ML - Marlim (Brasile) | WT - West Texas Int. (U.S.A.) |
| AN - Alaskan Nth. Sl. (U.S.A.)       | FT - Forties (U.K.)      | MU - Murban (U.A.E.)  |                               |
| AZ - Azeri Light (Azerbaijan)        | IH - Iran Heavy (Iran)   | MY - Maya (Mexico)    |                               |
| BB - Brent Blend (U.K.)              | IL - Iran Light (Iran)   | OM - Oman (Oman)      |                               |

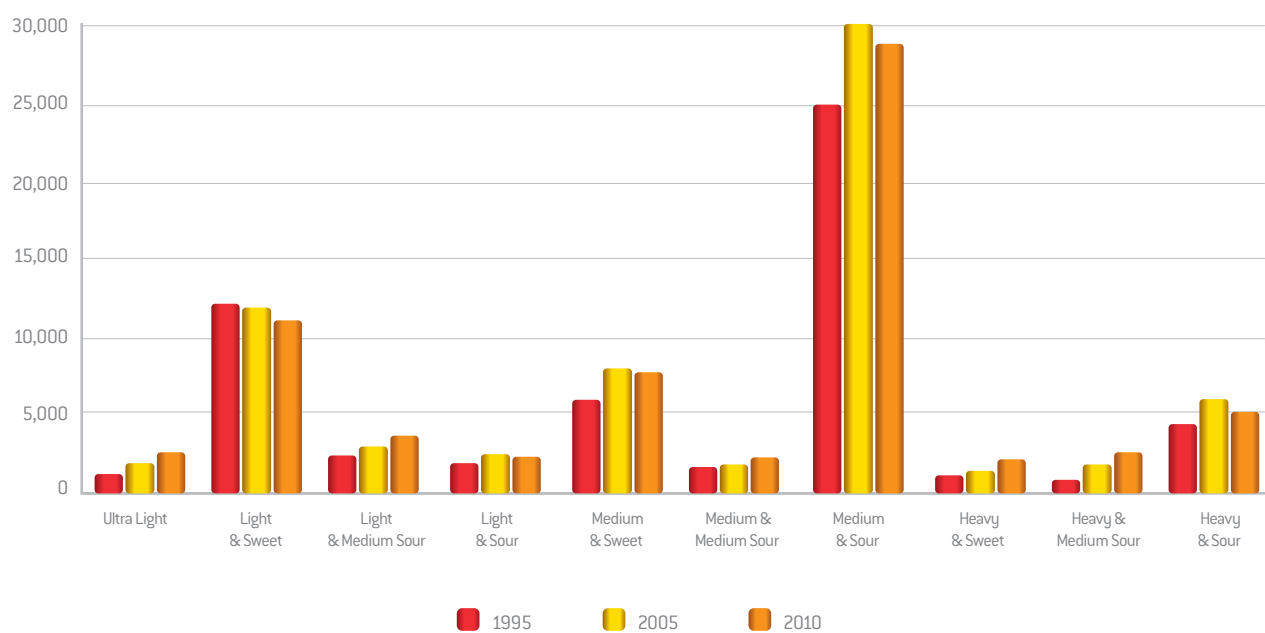
## Crude production by quality

(thousand barrels/day)



## Crude production by quality

(selected years, thousand barrels/day)



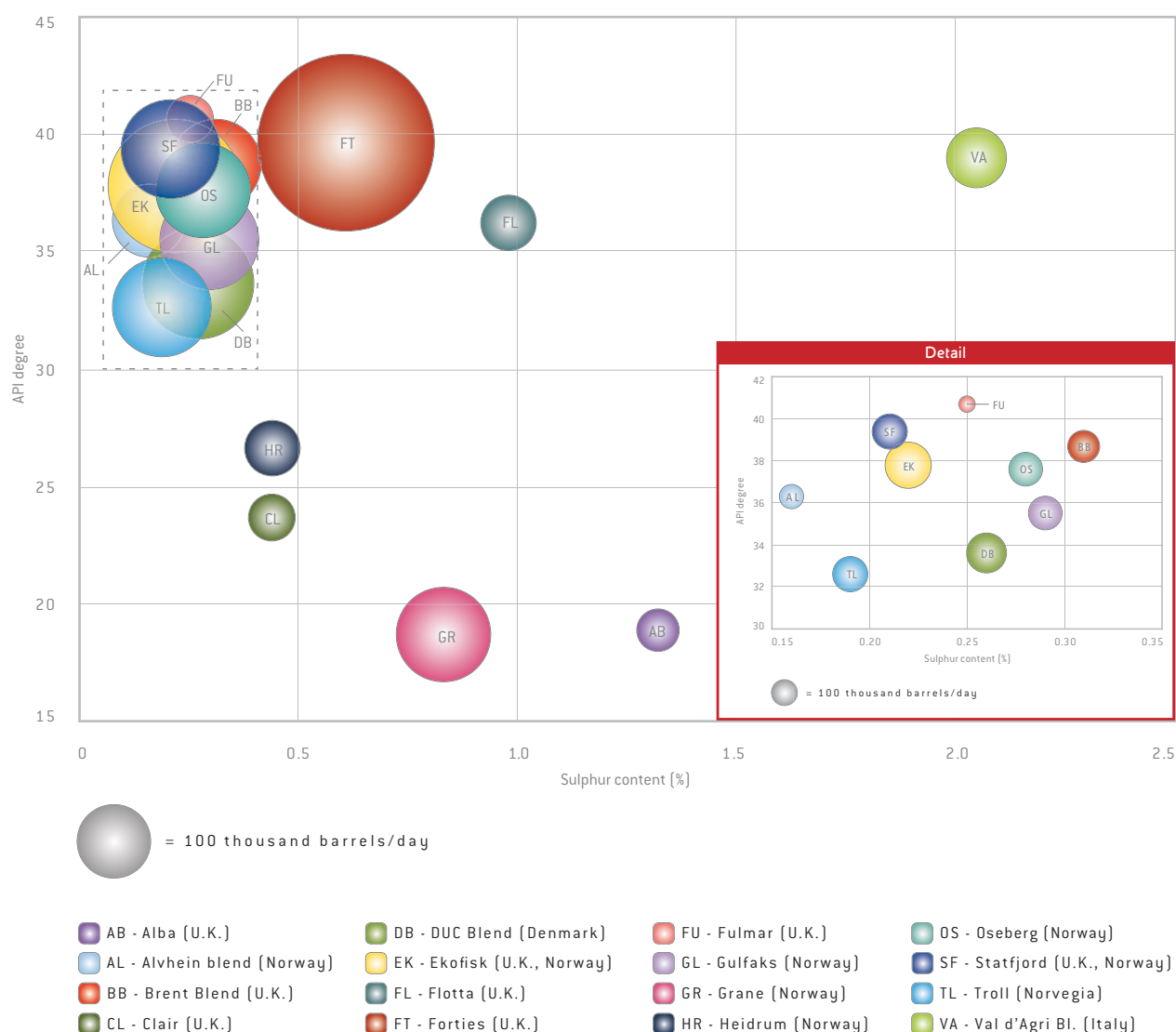
## Crude production by quality

[thousand barrels/day]

	1995	2000	2005	2008	2009	2010
<b>Europe(A)</b>	<b>6,342</b>	<b>6,734</b>	<b>5,527</b>	<b>4,634</b>	<b>4,453</b>	<b>4,109</b>
Ultra Light	201	232	463	527	533	488
Light & Sweet	4,342	3,929	2,989	1,699	1,629	1,508
Light & Medium Sour	66	33	106	695	684	651
Light & Sour	4	20	88	79	61	69
Medium & Sweet	703	1,530	934	687	701	639
Medium & Medium Sour			14	39	53	
Medium & Sour	249	172	1	1	1	
Heavy & Sweet	41	17	31	99	77	73
Heavy & Medium Sour		194	354	317	239	221
Heavy & Sour	100	101	79	55	58	58
Unassigned production (B)	636	506	469	437	418	402
% Unassigned production (B/A)	10.0	7.5	8.5	9.4	9.4	9.8

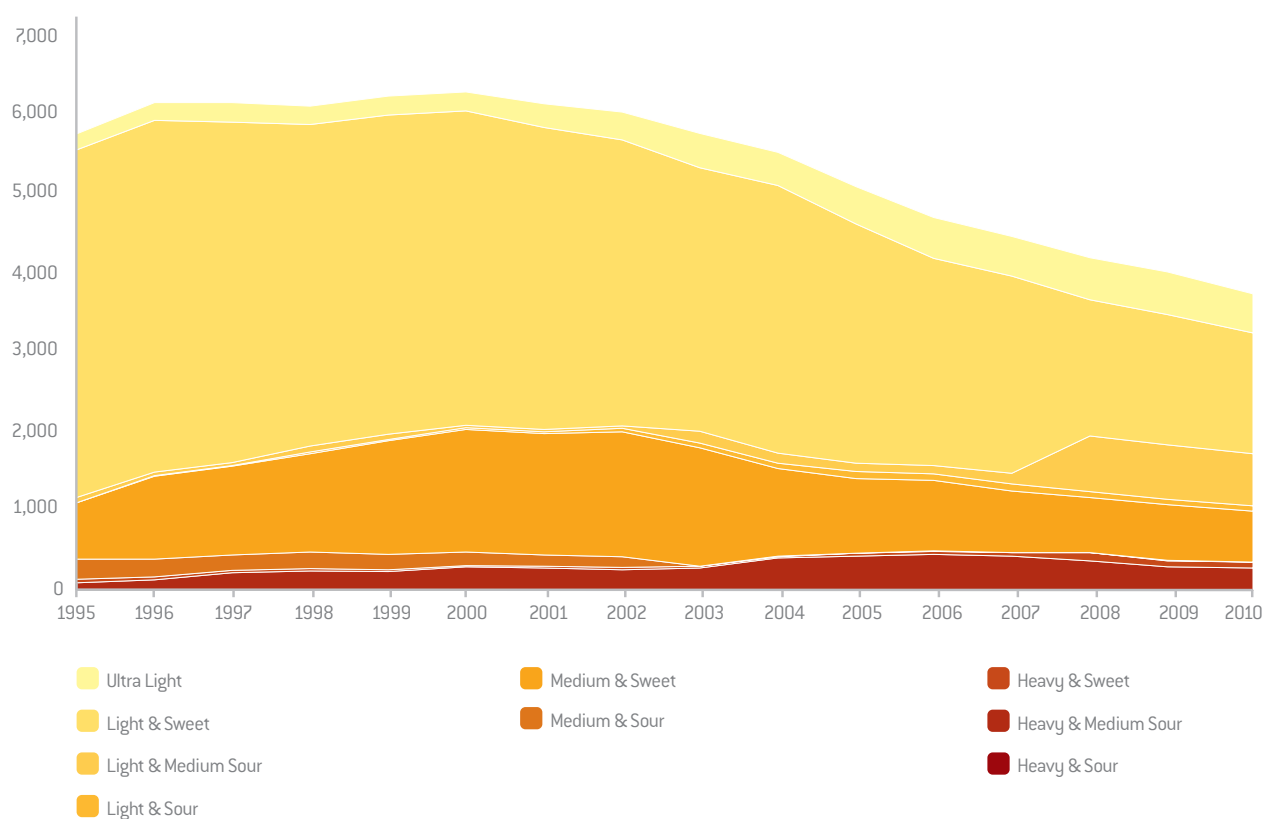
## Quality and production volume of main crudes

[thousand barrels/day]



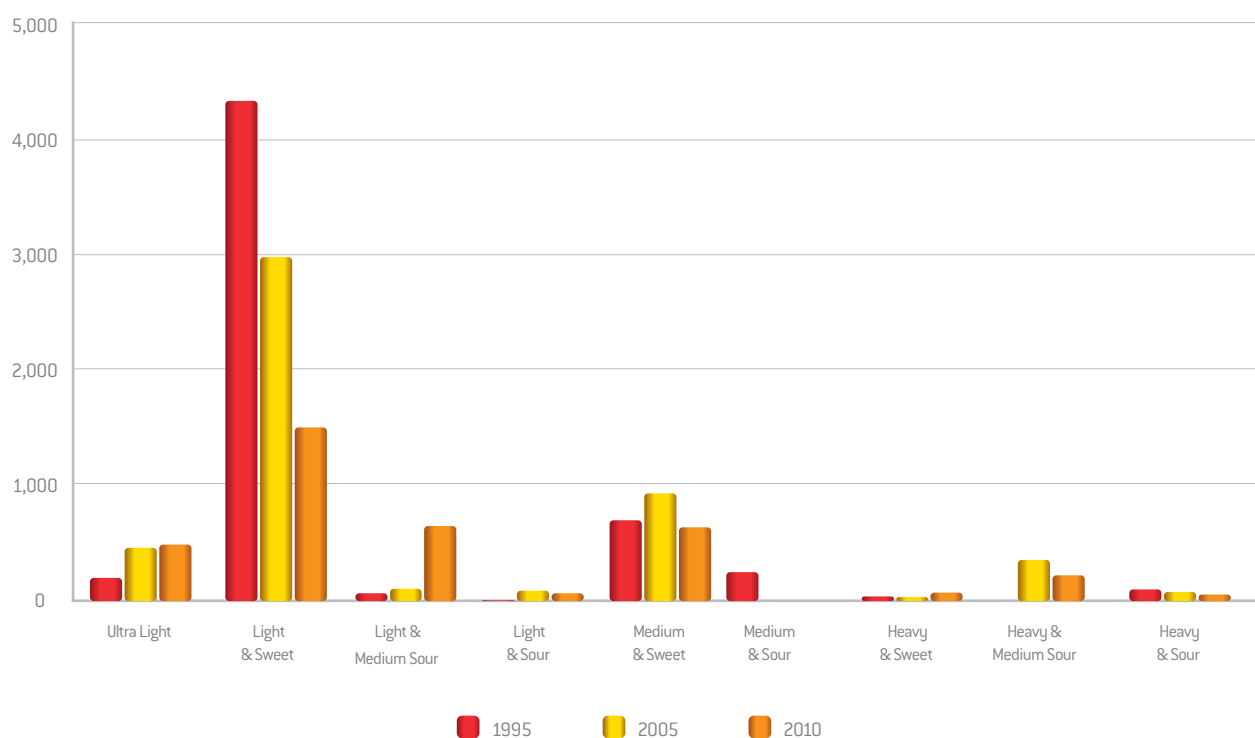
## Crude production by quality

(thousand barrels/day)



## Crude production by quality

(selected years, thousand barrels/day)





## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Denmark</b>	<b>186</b>	<b>363</b>	<b>377</b>	<b>287</b>	<b>261</b>	<b>246</b>
Light & Sweet	32	131	111	17	9	15
Medium & Sweet	154	232	266	270	252	231
<b>Italy</b>	<b>93</b>	<b>74</b>	<b>114</b>	<b>100</b>	<b>83</b>	<b>96</b>
Light & Sweet	57	29	4	3	5	6
Light & Sour	4	20	88	79	61	69
Medium & Sour	1	2	1	1	1	
Heavy & Sour	31	23	21	17	16	21
<b>Norway</b>	<b>2,902</b>	<b>3,346</b>	<b>2,969</b>	<b>2,461</b>	<b>2,386</b>	<b>2,151</b>
Ultra Light	201	232	463	527	533	488
Light & Sweet	2,152	1,981	1,713	1,279	1,228	1,106
Light & Medium Sour						31
Medium & Sweet	549	1,064	506	360	387	360
Medium & Medium Sour			14	39	53	
Heavy & Medium Sour		69	274	257	186	166
<b>United Kingdom</b>	<b>2,525</b>	<b>2,445</b>	<b>1,598</b>	<b>1,349</b>	<b>1,305</b>	<b>1,214</b>
Light & Sweet	2,101	1,788	1,161	400	387	381
Light & Medium Sour	66	33	106	695	684	620
Medium & Sweet		234	162	57	62	48
Medium & Sour	248	170				
Heavy & Sweet	41	17	31	99	77	73
Heavy & Medium Sour		125	80	60	53	55
Heavy & Sour	69	78	58	38	42	37



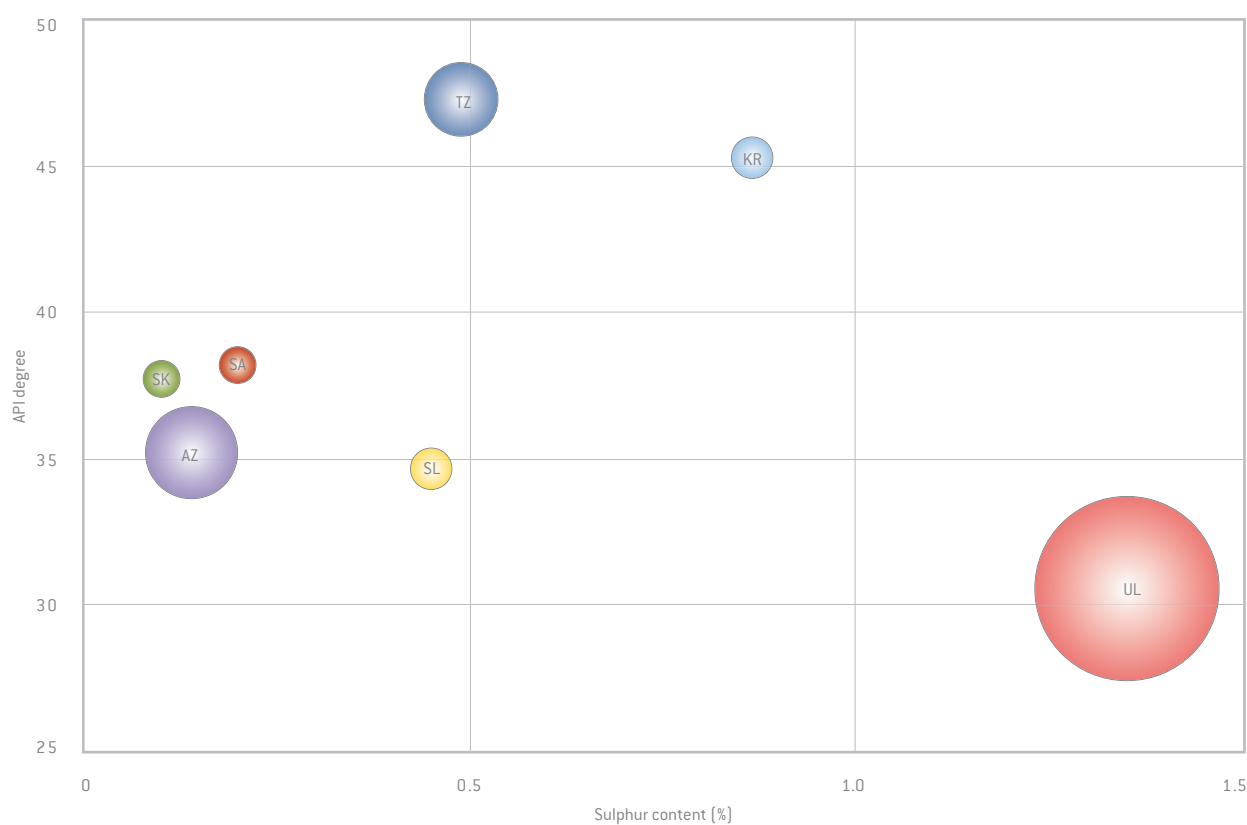
## Crude production by quality

(thousand barrels/day)

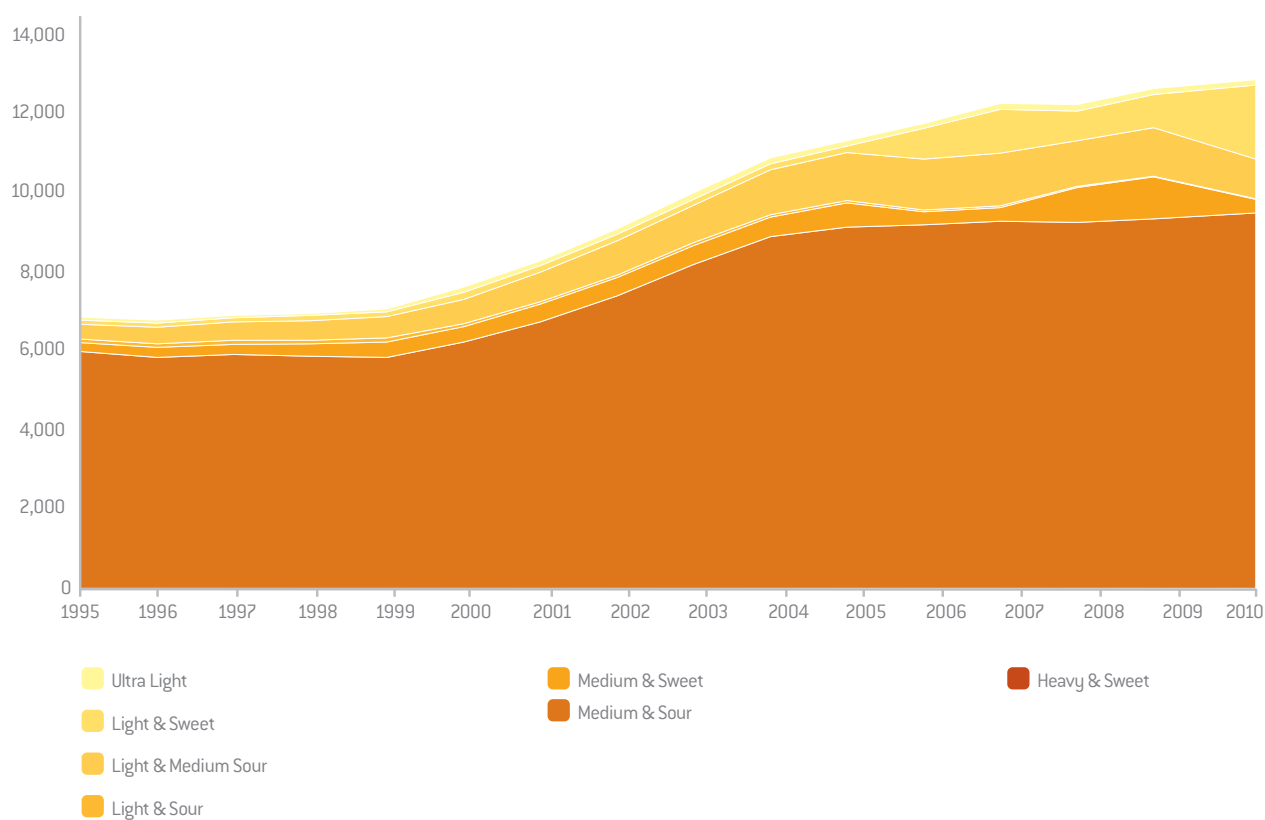
	1995	2000	2005	2008	2009	2010
<b>Russia and Central Asia (A)</b>	<b>6,771</b>	<b>7,525</b>	<b>11,162</b>	<b>12,072</b>	<b>12,461</b>	<b>12,682</b>
Ultra Light	79	126	125	166	148	125
Light & Sweet	98	182	163	739	828	1,849
Light & Medium Sour	364	613	1,196	1,133	1,198	984
Light & Sour	95	63	53	34	25	21
Medium & Sweet	227	394	618	872	1,042	328
Medium & Medium Sour	6	2	3	2	2	2
Medium & Sour	5,895	6,131	8,993	9,115	9,207	9,359
Heavy & Sweet	2	12	6	8	10	11
Heavy & Medium Sour						
Heavy & Sour						
Unassigned production (B)	5	4	3	2	2	3
% Unassigned production (B/A)	0.1	0.1	0.0	0.0	0.0	0.0

## Quality and production volume of main crudes

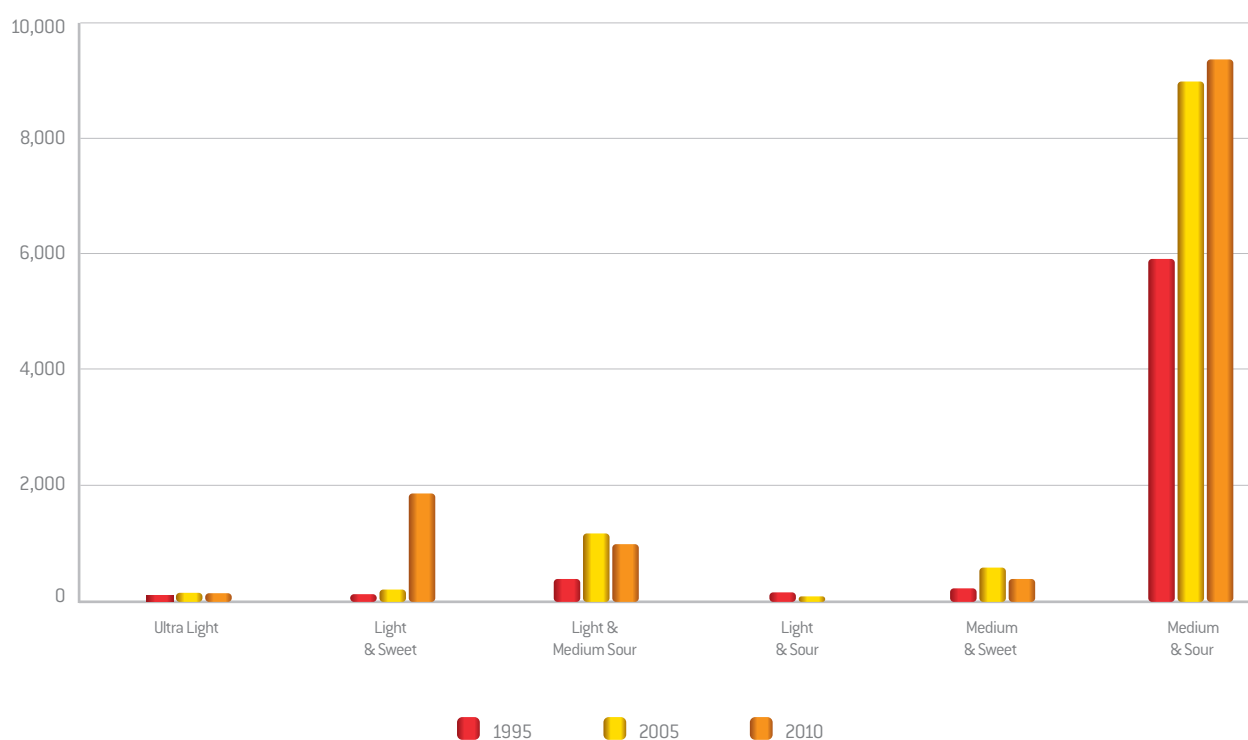
(thousand barrels/day)



### Crude production by quality (thousand barrels/day)



### Crude production by quality (selected years, thousand barrels/day)



## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Russia</b>	<b>5,985</b>	<b>6,281</b>	<b>9,133</b>	<b>9,477</b>	<b>9,622</b>	<b>9,801</b>
Light & Sweet	90	150	140	228	148	278
Light & Medium Sour				141	165	
Medium & Sweet					111	171
Medium & Sour	5,895	6,131	8,993	9,108	9,198	9,352
<b>Azerbaijan</b>	<b>185</b>	<b>281</b>	<b>448</b>	<b>864</b>	<b>1,007</b>	<b>1,000</b>
Ultra Light				41	43	
Light & Sweet				139	140	970
Medium & Sweet	185	281	448	684	824	30
<b>Kazakhstan</b>	<b>423</b>	<b>718</b>	<b>1,295</b>	<b>1,442</b>	<b>1,575</b>	<b>1,635</b>
Ultra Light	59	107	99	105	92	113
Light & Sweet				345	451	504
Light & Medium Sour	364	611	1,196	992	1,032	984
Medium & Sweet						34
<b>Turkmenistan</b>	<b>70</b>	<b>159</b>	<b>201</b>	<b>225</b>	<b>204</b>	<b>196</b>
Ultra Light	20	3	8	8	3	4
Light & Sweet	6	32	16	20	85	88
Medium & Sweet	42	113	170	188	107	93
Heavy & Sweet	2	12	6	8	10	11
<b>Uzbekistan</b>	<b>103</b>	<b>82</b>	<b>82</b>	<b>62</b>	<b>51</b>	<b>48</b>
Ultra Light		16	18	12	10	8
Light & Sweet	2	0	6	7	5	9
Light & Medium Sour	0	2	1	1	1	0
Light & Sour	95	63	53	34	25	21
Medium & Medium Sour	6	2	3	2	2	2
Medium & Sour				7	9	7

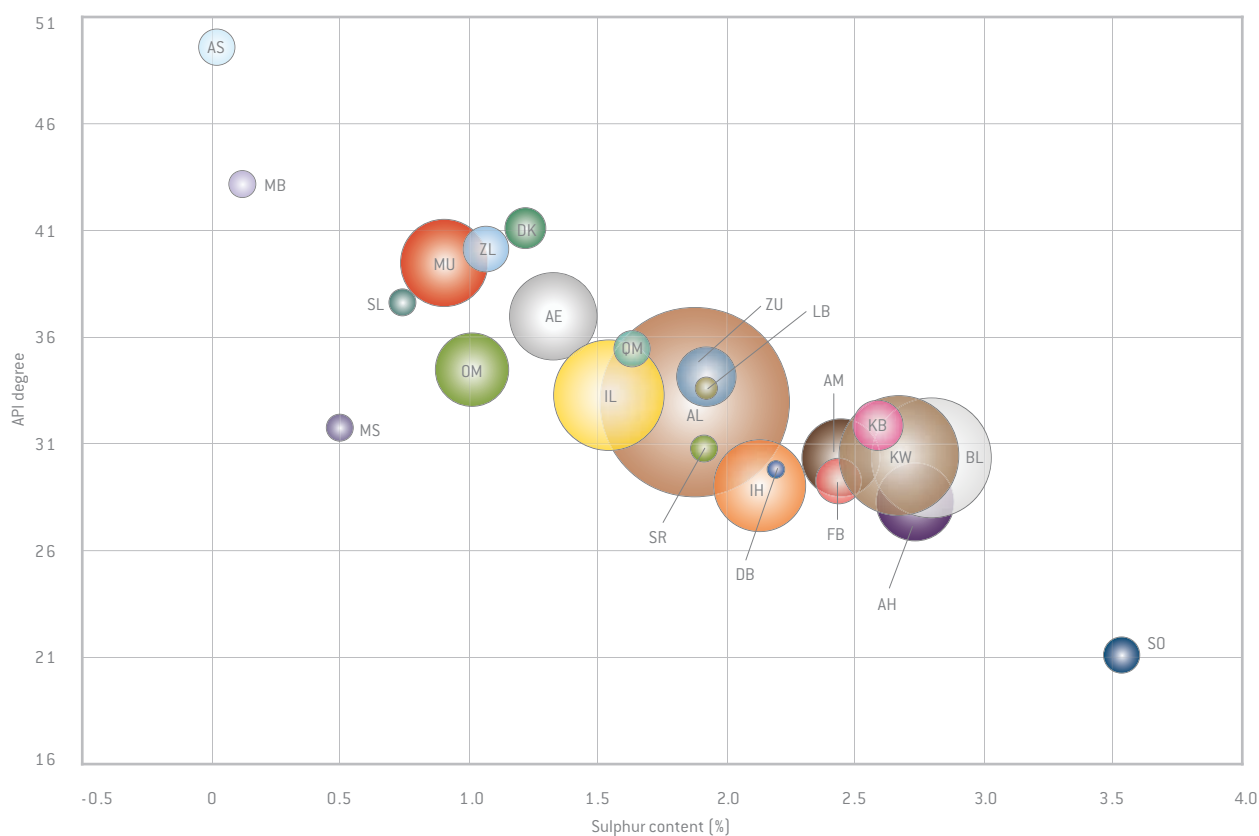
## Crude production by quality

[thousand barrels/day]

	1995	2000	2005	2008	2009	2010
<b>Middle East</b>	<b>19,076</b>	<b>21,748</b>	<b>22,903</b>	<b>23,621</b>	<b>21,881</b>	<b>22,322</b>
Ultra Light	73	173	466	610	699	927
Light & Sweet	338	390	338	376	333	339
Light & Medium Sour	1,429	1,503	1,439	1,446	1,291	1,272
Light & Sour	1,814	2,378	2,343	2,592	2,188	2,173
Medium & Sweet						
Medium & Medium Sour	179	264	267	172	146	128
Medium & Sour	14,952	16,605	17,441	17,800	16,662	16,863
Heavy & Sweet						
Heavy & Medium Sour						
Heavy & Sour	291	435	610	625	563	619

## Quality and production volume of main crudes

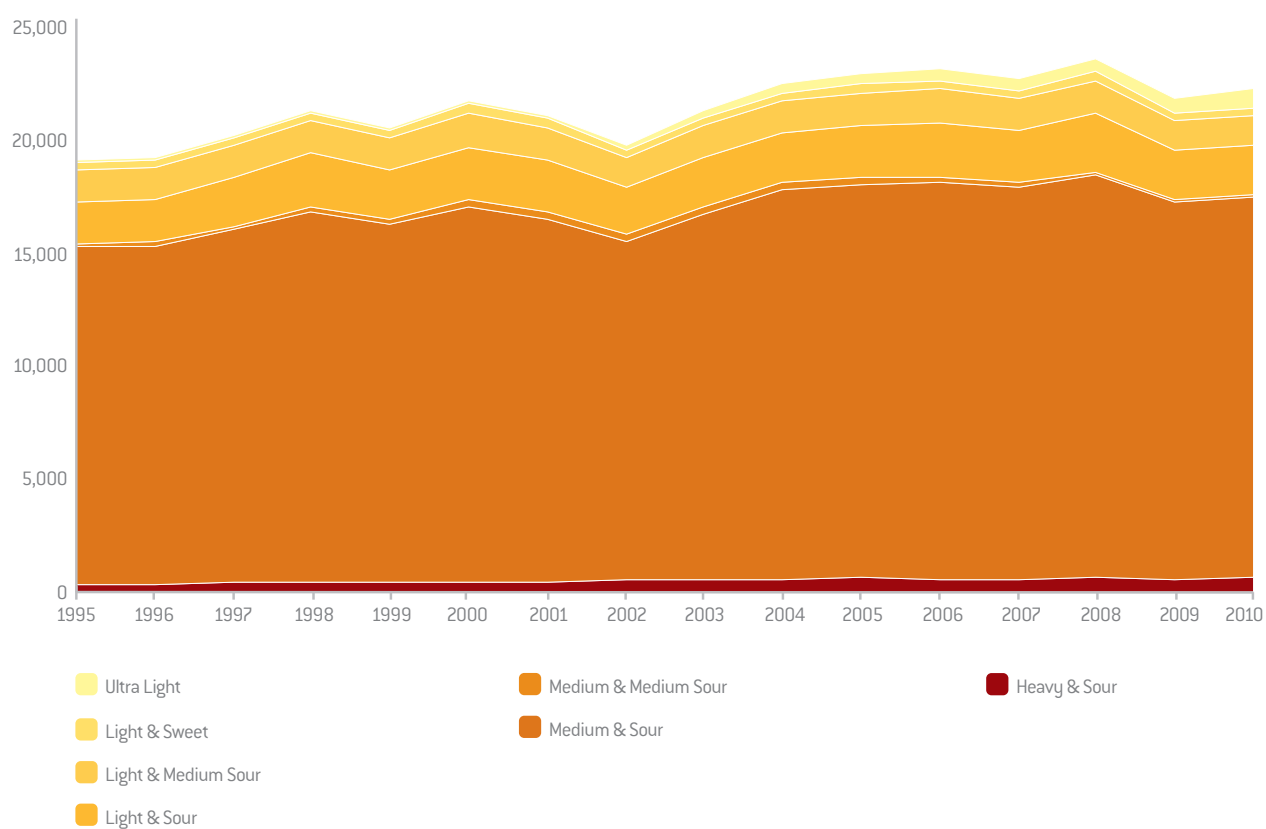
[thousand barrels/day]



● = 500 thousand barrels/day

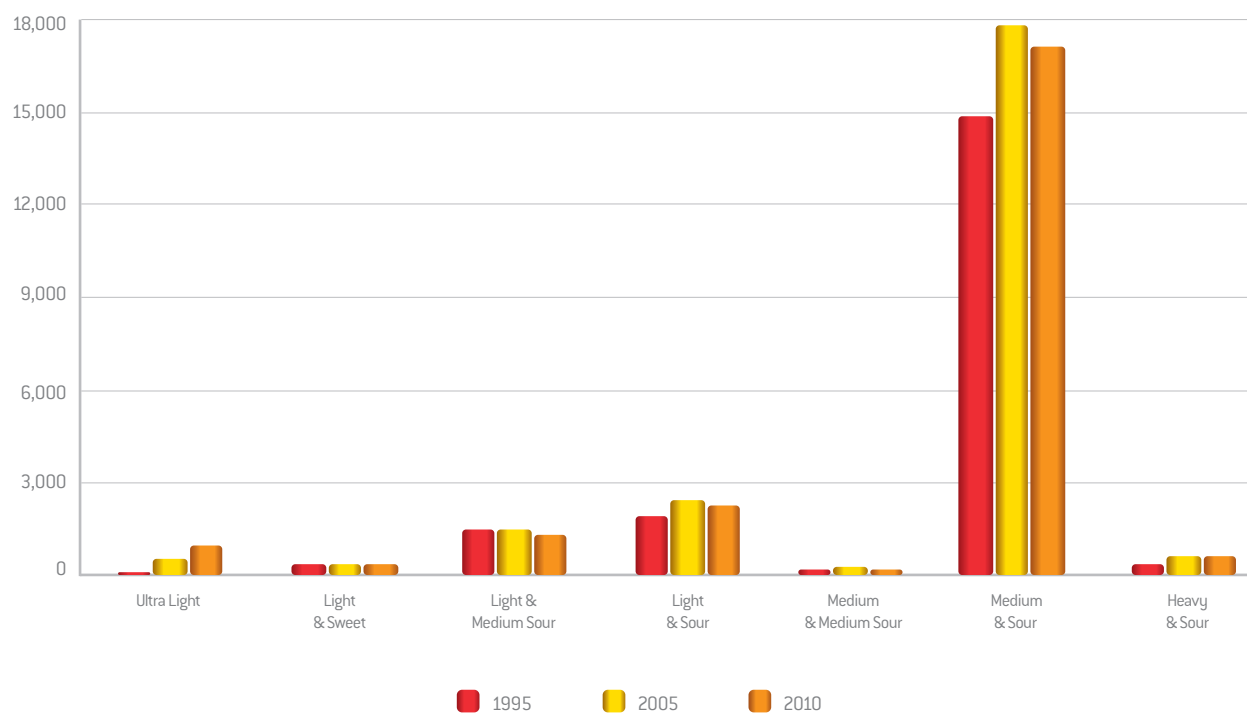
## Crude production by quality

(thousand barrels/day)



## Crude production by quality

(selected years, thousand barrels/day)



## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Bahrain</b>	<b>145</b>	<b>180</b>	<b>187</b>	<b>182</b>	<b>182</b>	<b>180</b>
Medium & Sour	145	180	187	182	182	180
<b>Iran</b>	<b>3,652</b>	<b>3,685</b>	<b>3,879</b>	<b>3,903</b>	<b>3,739</b>	<b>3,705</b>
Medium & Sour	3,652	3,685	3,764	3,750	3,603	3,564
Heavy & Sour			115	153	136	141
<b>Iraq</b>	<b>550</b>	<b>2,567</b>	<b>1,813</b>	<b>2,381</b>	<b>2,433</b>	<b>2,364</b>
Medium & Sour	550	2,567	1,813	2,381	2,433	2,364
<b>Kuwait</b>	<b>1,837</b>	<b>1,765</b>	<b>2,133</b>	<b>2,314</b>	<b>2,006</b>	<b>2,031</b>
Medium & Sour	1,837	1,765	2,133	2,314	2,006	2,031
<b>Neutral Zone</b>	<b>425</b>	<b>561</b>	<b>580</b>	<b>573</b>	<b>538</b>	<b>533</b>
Medium & Sour	284	281	299	303	287	283
Heavy & Sour	141	280	281	270	251	250
<b>Oman</b>	<b>857</b>	<b>889</b>	<b>700</b>	<b>671</b>	<b>724</b>	<b>761</b>
Medium & Sour	857	889	700	671	724	761
<b>Qatar</b>	<b>522</b>	<b>860</b>	<b>1,240</b>	<b>1,452</b>	<b>1,496</b>	<b>1,726</b>
Ultra Light	73	173	466	610	699	927
Light & Sour	433	574	578	523	498	496
Medium & Sour	16	113	196	319	299	303
<b>Saudi Arabia</b>	<b>7,937</b>	<b>8,003</b>	<b>9,064</b>	<b>8,897</b>	<b>7,894</b>	<b>8,126</b>
Light & Sweet	169	200	198	250	218	233
Light & Sour	964	1,350	1,224	1,458	1,137	1,113
Medium & Sour	6,804	6,453	7,642	7,189	6,539	6,780
<b>Syria</b>	<b>610</b>	<b>563</b>	<b>449</b>	<b>368</b>	<b>340</b>	<b>350</b>
Light & Medium Sour	460	408	235	166	164	122
Heavy & Sour	150	155	214	202	176	228
<b>United Arab Emirates</b>	<b>2,197</b>	<b>2,238</b>	<b>2,458</b>	<b>2,585</b>	<b>2,270</b>	<b>2,311</b>
Light & Medium Sour	969	1,095	1,204	1,280	1,127	1,150
Light & Sour	417	454	541	611	553	564
Medium & Medium Sour	4	17	7	3	2	
Medium & Sour	807	672	707	691	589	597
<b>Yemen</b>	<b>344</b>	<b>437</b>	<b>400</b>	<b>295</b>	<b>259</b>	<b>235</b>
Light & Sweet	169	190	140	126	116	107
Medium & Medium Sour	175	247	260	169	144	128

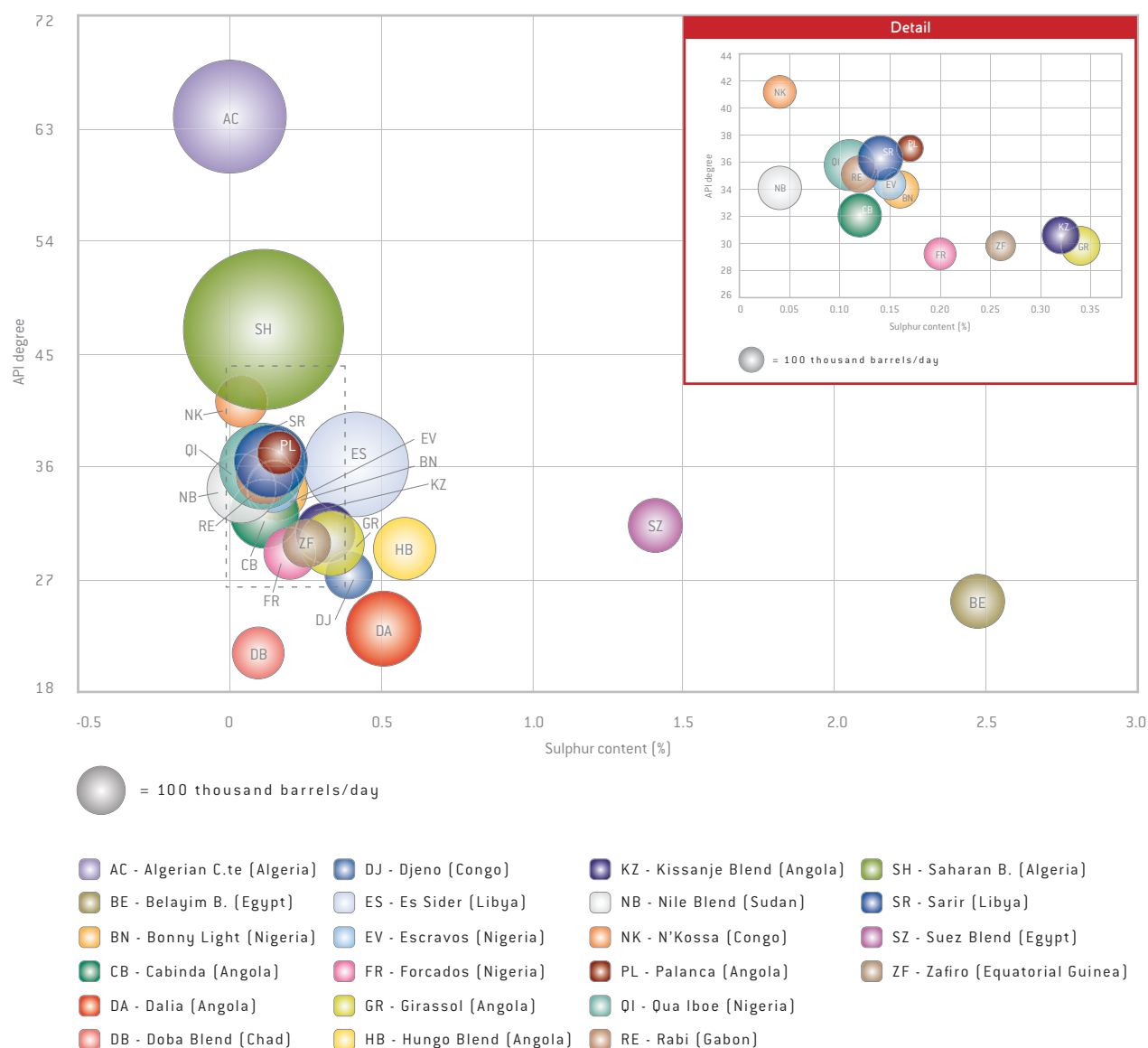
## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Africa (A)</b>	<b>7,079</b>	<b>7,455</b>	<b>9,454</b>	<b>9,889</b>	<b>9,496</b>	<b>9,862</b>
Ultra Light	538	630	603	653	686	719
Light & Sweet	3,715	4,032	4,800	4,620	4,596	4,969
Light & Medium Sour				139	105	100
Light & Sour	21	17	27	42	41	41
Medium & Sweet	1,780	1,898	2,823	3,086	2,503	2,488
Medium & Medium Sour	2	5	278	264	208	174
Medium & Sour	981	741	624	596	595	578
Heavy & Sweet	25	18	204	408	404	440
Heavy & Medium Sour		61	56	52	335	327
Heavy & Sour						
Unassigned production (B)	17	53	39	28	23	24
% Unassigned production (B/A)	0.3	0.8	0.4	0.3	0.3	0.3

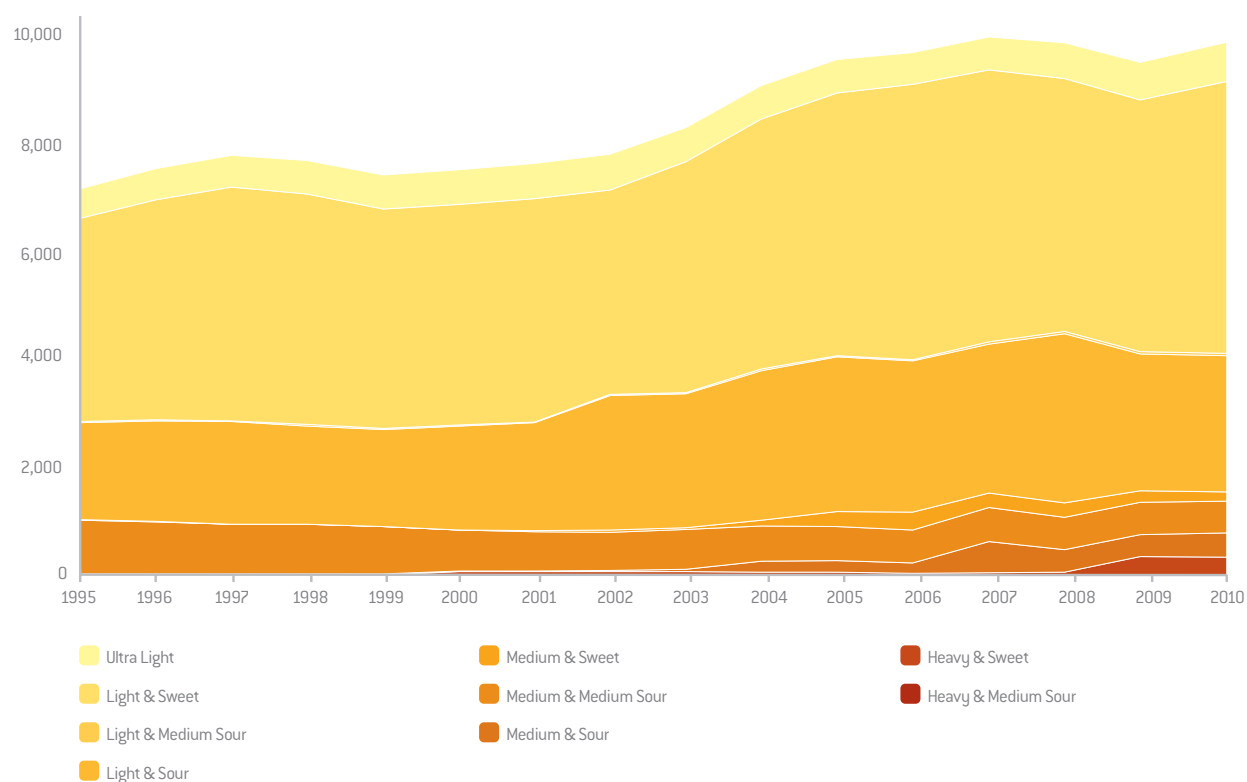
## Quality and production volume of main crudes

(thousand barrels/day)



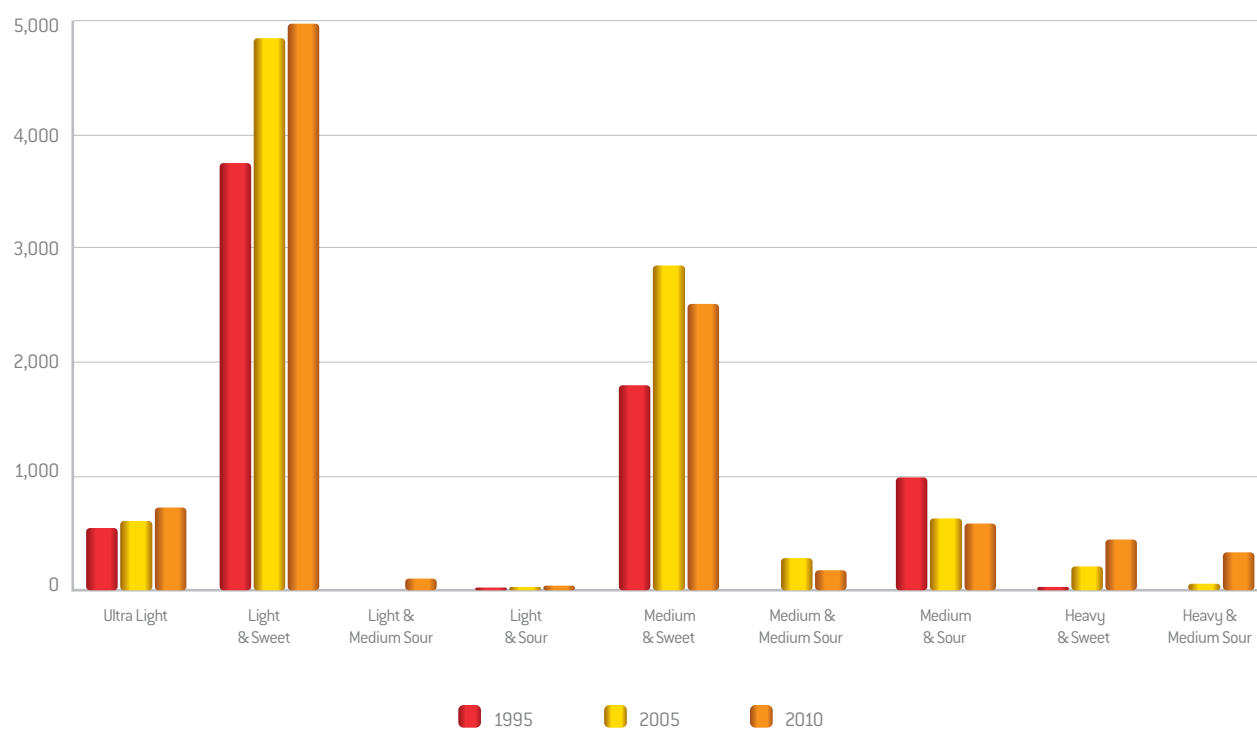
## Crude production by quality

(thousand barrels/day)



## Crude production by quality

(selected years, thousand barrels/day)





## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Algeria</b>	<b>1,301</b>	<b>1,436</b>	<b>1,930</b>	<b>1,950</b>	<b>1,878</b>	<b>1,921</b>
Ultra Light	538	630	603	588	627	667
Light & Sweet	763	806	1,327	1,362	1,251	1,254
<b>Angola</b>	<b>639</b>	<b>745</b>	<b>1,228</b>	<b>1,847</b>	<b>1,767</b>	<b>1,770</b>
Light & Sweet	331	355	280	364	337	356
Medium & Sweet	308	329	657	940	900	922
Medium & Medium Sour			235	251	195	165
Heavy & Sweet				240		
Heavy & Medium Sour		61	56	52	335	327
<b>Cameroon</b>	<b>120</b>	<b>85</b>	<b>82</b>	<b>82</b>	<b>74</b>	<b>64</b>
Medium & Sweet	95	67	65	65	58	42
Heavy & Sweet	25	18	17	17	16	22
<b>Chad</b>			<b>170</b>	<b>130</b>	<b>120</b>	<b>130</b>
Heavy & Sweet			170	130	120	130
<b>Congo</b>	<b>182</b>	<b>254</b>	<b>238</b>	<b>234</b>	<b>263</b>	<b>286</b>
Light & Sweet		131	121	125	159	167
Medium & Sweet	182	123	117	109	104	119
<b>Côte D'Ivoire</b>	<b>7</b>	<b>7</b>	<b>41</b>	<b>45</b>	<b>50</b>	<b>39</b>
Medium & Sweet	7	7	24	24	22	7
Heavy & Sweet			17	21	28	32
<b>Dem. Rep. Congo</b>	<b>28</b>	<b>23</b>	<b>25</b>	<b>23</b>	<b>22</b>	<b>21</b>
Medium & Sweet	28	23	25	23	22	21
<b>Egypt</b>	<b>899</b>	<b>640</b>	<b>538</b>	<b>561</b>	<b>536</b>	<b>524</b>
Light & Sweet	108	109	128	124	118	116
Medium & Sour	791	531	410	437	418	408
<b>Equatorial Guinea</b>	<b>8</b>	<b>118</b>	<b>358</b>	<b>347</b>	<b>307</b>	<b>274</b>
Ultra Light				65	59	52
Light & Sweet	8	9	71			
Medium & Sweet		105	244	282	248	222
Medium & Medium Sour		4	43			
<b>Gabon</b>	<b>345</b>	<b>276</b>	<b>270</b>	<b>240</b>	<b>238</b>	<b>245</b>
Light & Sweet			158	151	150	163
Medium & Sweet	230	138				
Medium & Sour	115	138	112	89	88	82
<b>Libya</b>	<b>1,405</b>	<b>1,411</b>	<b>1,640</b>	<b>1,723</b>	<b>1,546</b>	<b>1,550</b>
Light & Sweet	1,348	1,353	1,548	1,521	1,359	1,370
Light & Medium Sour				139	105	100
Medium & Sour	57	58	92	62	82	80

## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Mauritania</b>				<b>13</b>	<b>13</b>	<b>9</b>
Medium & Medium Sour				13	13	9
<b>Nigeria</b>	<b>2,039</b>	<b>2,160</b>	<b>2,518</b>	<b>2,106</b>	<b>2,098</b>	<b>2,436</b>
Light & Sweet	1,108	1,231	1,132	937	1,188	1,511
Medium & Sweet	931	929	1,386	1,170	910	925
<b>Sudan</b>		<b>177</b>	<b>305</b>	<b>474</b>	<b>479</b>	<b>486</b>
Medium & Sweet		177	305	474	239	230
Heavy & Sweet					240	256
<b>Tunisia</b>	<b>89</b>	<b>70</b>	<b>72</b>	<b>86</b>	<b>82</b>	<b>83</b>
Light & Sweet	48	38	35	35	33	33
Light & Sour	21	17	27	42	41	41
Medium & Medium Sour	2	1				
Medium & Sour	18	14	10	8	8	9

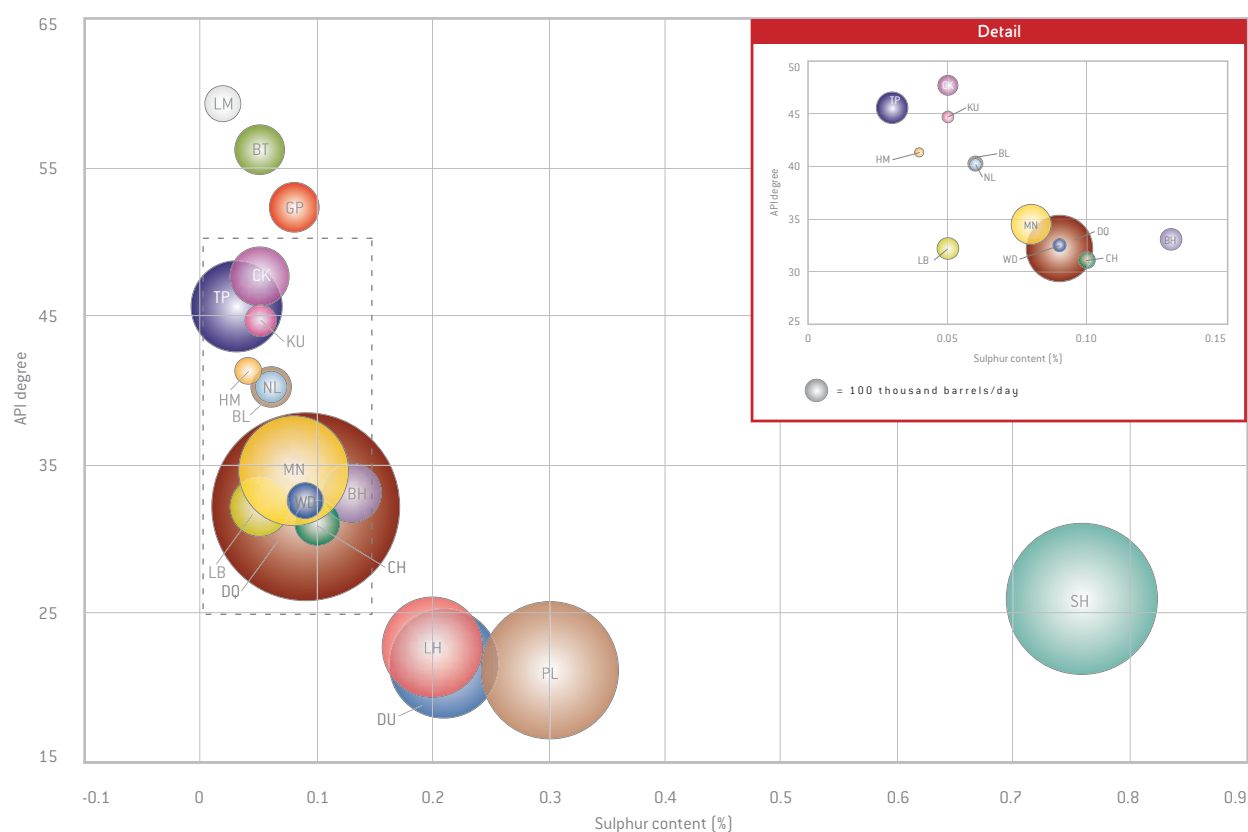
## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Asia - Pacific (A)</b>	<b>7,013</b>	<b>7,409</b>	<b>7,439</b>	<b>7,480</b>	<b>7,519</b>	<b>7,740</b>
Ultra Light	325	443	277	280	343	351
Light & Sweet	2,570	2,694	2,616	2,488	1,997	1,608
Light & Medium Sour	20	31	33			325
Light & Sour				34	34	34
Medium & Sweet	2,751	2,871	2,911	2,995	3,338	3,309
Medium & Medium Sour	612	543	563	593	592	582
Medium & Sour	17	17	19	19	19	19
Heavy & Sweet	634	728	895	937	1,042	1,382
Heavy & Medium Sour				15	26	
Heavy & Sour						
Unassigned production (B)	83	82	125	119	127	129
% Unassigned production (B/A)	1.2	1.1	1.7	1.6	1.7	1.7

## Quality and production volume of main crudes

(thousand barrels/day)

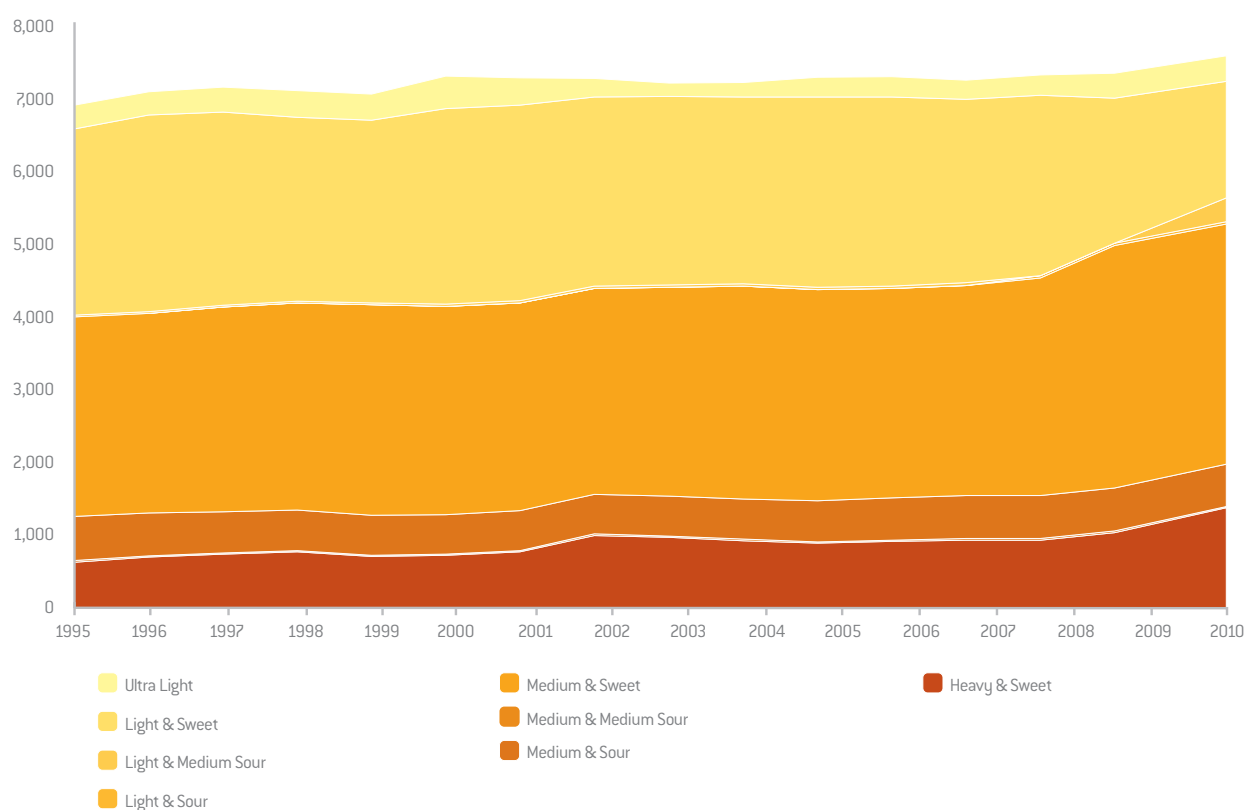


● = 100 thousand barrels/day

- |                                |                               |                              |                           |
|--------------------------------|-------------------------------|------------------------------|---------------------------|
| ● BH - Bach Ho (Vietnam)       | ● DQ - Daqing (China)         | ● LB - Labuan (Malaysia)     | ● PL - Peng Lai (China)   |
| ● BL - Brunei Light (Brunei)   | ● DU - Duri (Indonesia)       | ● LH - Lihua (China)         | ● SH - Shengli (China)    |
| ● BT - Bintulu C.te (Malaysia) | ● GP - Gippsland (Australia)  | ● LM - Laminaria (Australia) | ● TP - Tapis (Malaysia)   |
| ● CH - Champion (Brunei)       | ● HM - Handil Mix (Indonesia) | ● MN - Minas (Indonesia)     | ● WD - Widuri (Indonesia) |
| ● CK - Cossack (Australia)     | ● KU - Kutubu B. (Papua N.G.) | ● NL - Nanhai Light (China)  |                           |

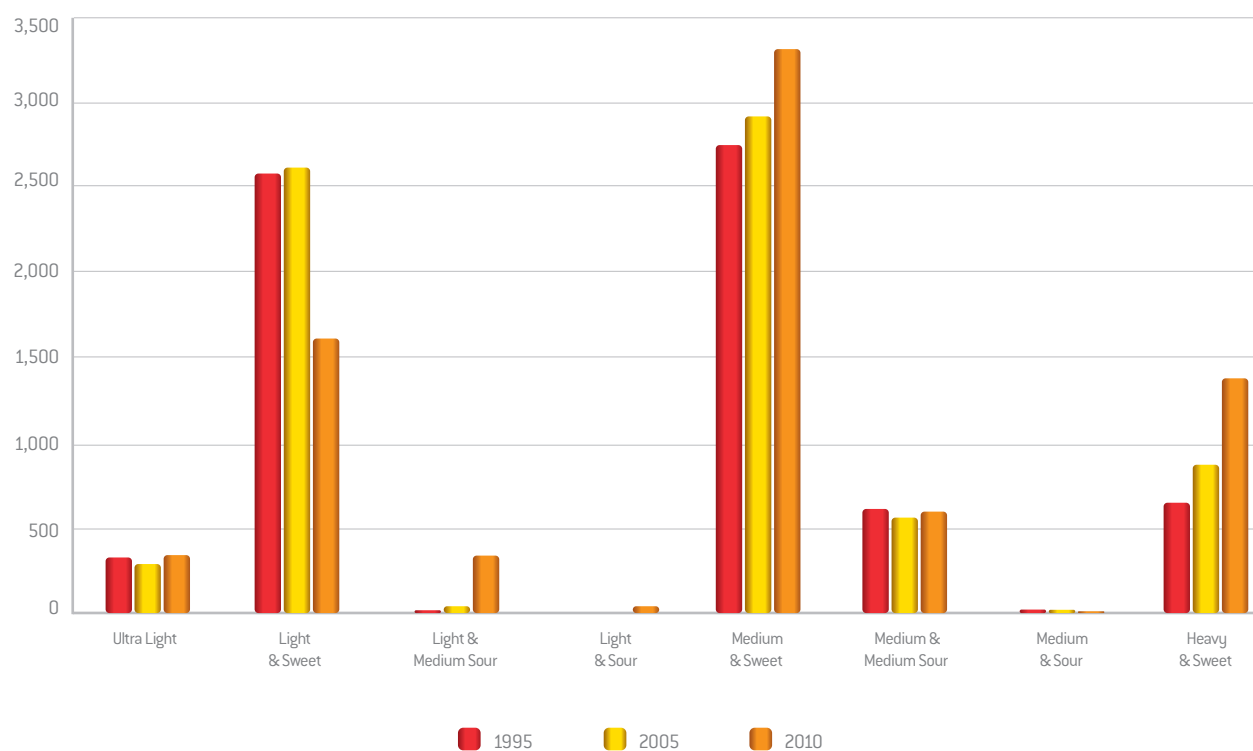
## Crude production by quality

(thousand barrels/day)



## Crude production by quality

(selected years, thousand barrels/day)



## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Australia</b>	<b>514</b>	<b>721</b>	<b>456</b>	<b>477</b>	<b>476</b>	<b>436</b>
Ultra Light	162	311	50	42	52	132
Light & Sweet	339	372	364	256	286	107
Heavy & Sweet	13	38	42	164	112	197
Heavy & Medium Sour				15	26	
<b>Brunei</b>	<b>182</b>	<b>195</b>	<b>198</b>	<b>155</b>	<b>154</b>	<b>159</b>
Ultra Light	20	16	18	24	24	23
Light & Sweet	58	110	83	55	66	58
Medium & Sweet	10	6	3	56	49	63
Heavy & Sweet	94	63	94	20	15	15
<b>China</b>	<b>2,986</b>	<b>3,253</b>	<b>3,628</b>	<b>3,801</b>	<b>3,885</b>	<b>4,096</b>
Light & Sweet	106	200	229	311	32	32
Light & Medium Sour	20	31	33			
Light & Sour				34	34	34
Medium & Sweet	2,121	2,195	2,321	2,358	2,643	2,661
Medium & Medium Sour	612	543	563	593	592	582
Medium & Sour	17	17	19	19	19	19
Heavy & Sweet	110	267	463	486	565	768
<b>East Timor</b>			<b>92</b>	<b>104</b>	<b>94</b>	<b>88</b>
Light & Sweet			92	104	94	88
<b>India</b>	<b>705</b>	<b>659</b>	<b>656</b>	<b>681</b>	<b>679</b>	<b>749</b>
Light & Sweet	602	552	562	585	583	654
Medium & Sweet	45	40	27	26	24	23
Heavy & Sweet	58	67	67	70	72	72
<b>Indonesia</b>	<b>1,419</b>	<b>1,312</b>	<b>946</b>	<b>861</b>	<b>832</b>	<b>828</b>
Ultra Light	84	75	64	57	108	43
Light & Sweet	777	823	549	510	334	52
Light & Medium Sour						325
Medium & Sweet	200	122	103	96	111	78
Heavy & Sweet	359	293	230	197	279	329
<b>Malaysia</b>	<b>764</b>	<b>704</b>	<b>779</b>	<b>739</b>	<b>725</b>	<b>701</b>
Ultra Light	59	41	53	53	65	65
Light & Sweet	499	412	481	382	319	310
Medium & Sweet	206	251	245	304	341	326
<b>New Zealand</b>	<b>33</b>	<b>36</b>	<b>19</b>	<b>60</b>	<b>56</b>	<b>53</b>
Light & Sweet	33	36	19	60	36	53
Medium & Sweet					20	
<b>Papua New Guinea</b>	<b>104</b>	<b>64</b>	<b>54</b>	<b>41</b>	<b>40</b>	<b>31</b>
Light & Sweet	104	64	54	41	40	31
<b>Thailand</b>	<b>54</b>	<b>58</b>	<b>114</b>	<b>144</b>	<b>154</b>	<b>153</b>
Light & Sweet	54	58	114	144	154	153
<b>Vietnam</b>	<b>169</b>	<b>325</b>	<b>372</b>	<b>298</b>	<b>297</b>	<b>316</b>
Light & Sweet		68	160	144	147	158
Medium & Sweet	169	257	212	154	150	158

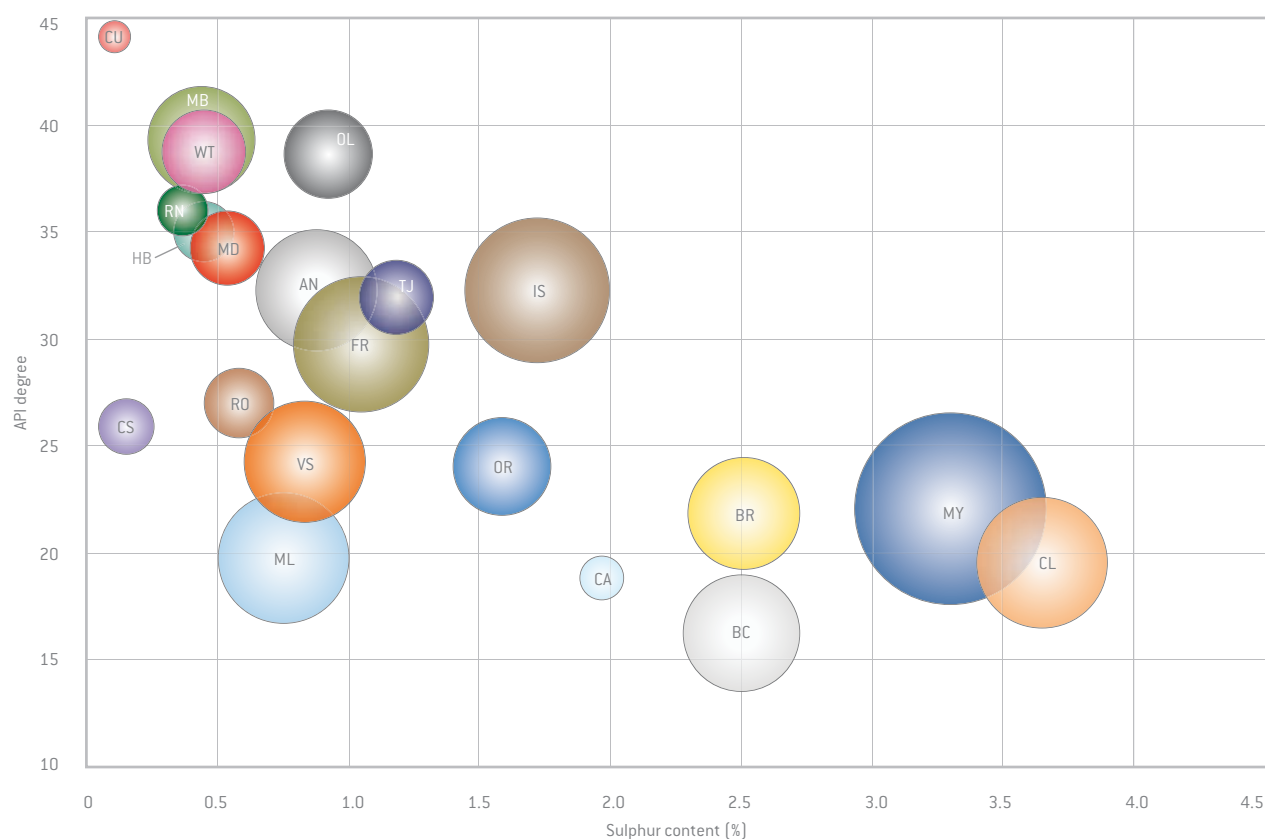
## Crude production by quality

(thousand barrels/day)

	1995	2000	2005	2008	2009	2010
<b>Americas (A)</b>	<b>16,438</b>	<b>17,158</b>	<b>17,278</b>	<b>16,516</b>	<b>16,713</b>	<b>17,317</b>
Ultra Light						
Light & Sweet	1,034	1,291	978	818	766	771
Light & Medium Sour	533	553	195	292	318	364
Light & Sour						
Medium & Sweet	499	415	713	924	967	968
Medium & Medium Sour	879	1,130	733	1,486	1,458	1,387
Medium & Sour	2,753	2,074	2,917	1,815	1,775	1,897
Heavy & Sweet	447	299	286	270	264	256
Heavy & Medium Sour	855	1,142	1,441	1,551	1,798	2,056
Heavy & Sour	4,042	5,061	5,347	4,761	4,322	4,340
Unassigned production (B)	5,396	5,192	4,670	4,599	5,045	5,278
- of which US Lower 48	5,062	4,850	4,311	4,268	4,722	4,970
- other	334	342	359	331	323	308
% Unassigned production (B/A)	32.8	30.3	27.0	27.8	30.2	30.5

## Quality and production volume of main crudes

(thousand barrels/day)



AN - Alaskan Nth. Sl. (U.S.A.)

BC - BCF 17 (Venezuela)

BR - Bow River (Canada)

CA - Castilla (Colombia)

CL - Cold Lake (Canada)

CS - Canadon Seco (Argentina)

CU - Cusiana (Colombia)

FR - Furrial (Venezuela)

HB - Hibernia (Canada)

IS - Isthmus (Mexico)

MB - Mixed Blend S. (Canada)

MD - Medanita (Argentina)

ML - Marlim (Brazil)

MY - Maya (Mexico)

OL - Olmeca (Mexico)

OR - Oriente (Ecuador)

RN - Rincon (Argentina)

RO - Roncador (Brazil)

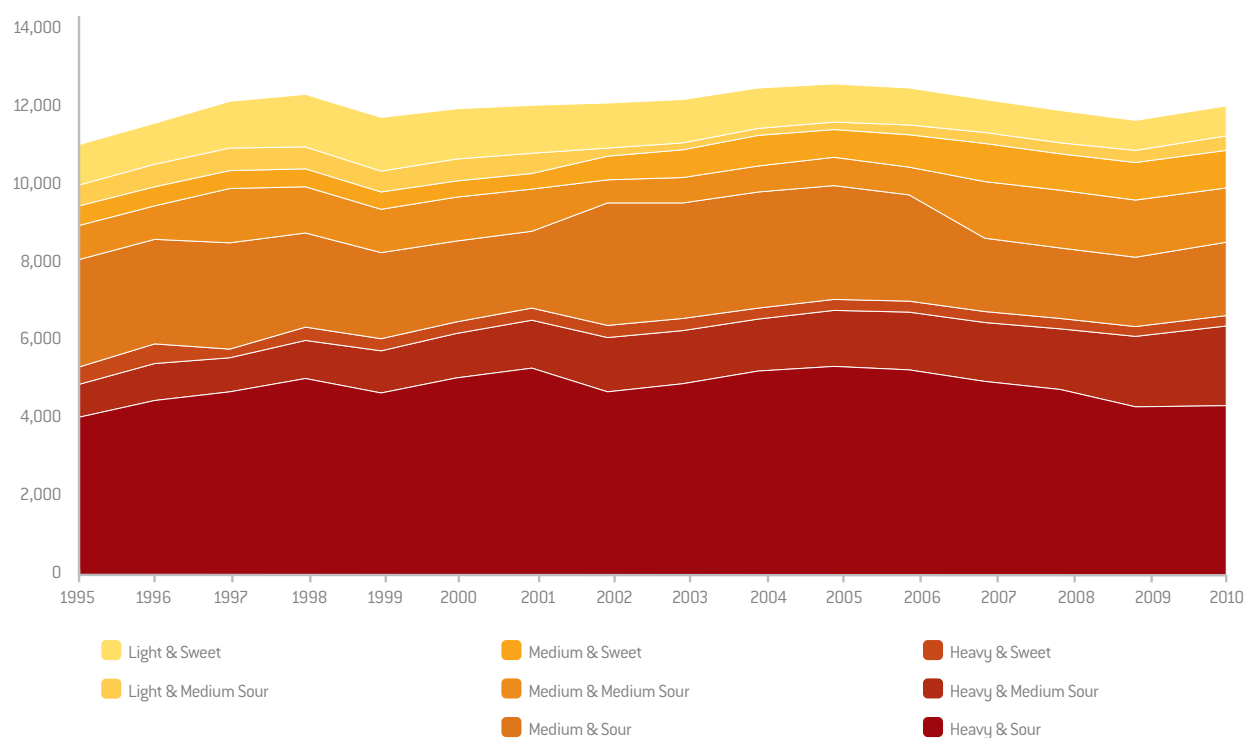
TJ - Tia Juana Light (Venezuela)

VS - Vasconia (Colombia)

WT - West Texas Int. (U.S.A.)

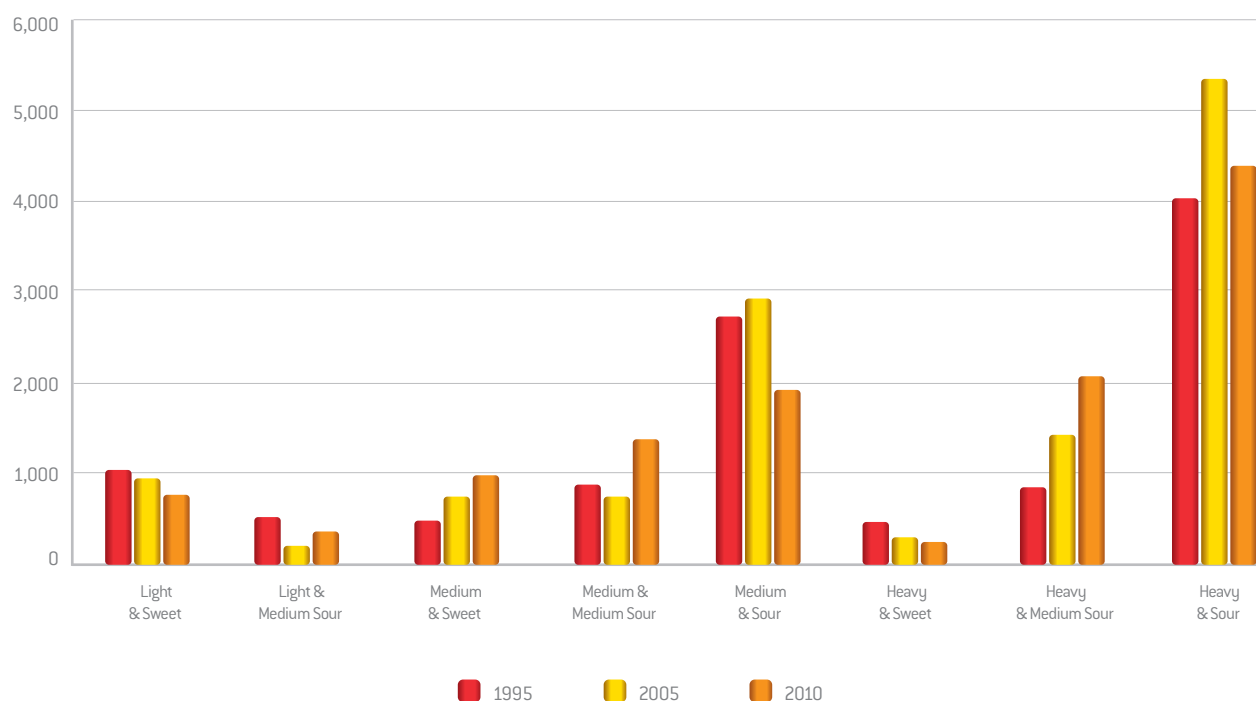
## Crude production by quality

(thousand barrels/day)



## Crude production by quality

(selected years, thousand barrels/day)



## Crude production by quality

[thousand barrels/day]

	1995	2000	2005	2008	2009	2010
<b>Alaska</b>	<b>1,484</b>	<b>970</b>	<b>867</b>	<b>683</b>	<b>658</b>	<b>609</b>
Medium & Medium Sour				658	683	609
Medium & Sour	1,484	970	867			
<b>Argentina</b>	<b>720</b>	<b>769</b>	<b>662</b>	<b>629</b>	<b>609</b>	<b>596</b>
Light & Sweet	16	120	115	109	107	104
Medium & Medium Sour	257	350	261	251	238	236
Heavy & Sweet	447	299	286	270	264	256
<b>Brazil</b>	<b>694</b>	<b>1,231</b>	<b>1,634</b>	<b>1,812</b>	<b>1,950</b>	<b>2,055</b>
Light & Medium Sour		49	51	82	48	44
Medium & Medium Sour	99	294	472	552	562	542
Heavy & Medium Sour	595	888	1,112	1,178	1,340	1,469
<b>Canada</b>	<b>1,809</b>	<b>2,002</b>	<b>2,348</b>	<b>2,551</b>	<b>2,555</b>	<b>2,725</b>
Light & Sweet	891	831	728	629	585	616
Medium & Sweet	303	322	651	857	906	915
Heavy & Sour	615	849	969	1,065	1,064	1,194
Memo: Syncrude production is included in Medium & Sweet	281	322	545	653	764	794
Memo: Bitumen production is included in Heavy & Sour	149	288	448	549	575	707
<b>Colombia</b>	<b>583</b>	<b>687</b>	<b>526</b>	<b>588</b>	<b>671</b>	<b>785</b>
Light & Sweet	127	340	135	80	74	51
Medium & Sweet	196	93	62	67	61	53
Heavy & Medium Sour	260	254	329	373	457	587
Heavy & Sour				68	79	94
<b>Ecuador</b>	<b>381</b>	<b>401</b>	<b>532</b>	<b>501</b>	<b>470</b>	<b>466</b>
Heavy & Sour	381	401	532	501	470	466
<b>Mexico</b>	<b>2,619</b>	<b>3,012</b>	<b>3,333</b>	<b>2,799</b>	<b>2,601</b>	<b>2,576</b>
Light & Medium Sour	533	505	144	210	270	320
Medium & Sour	864	733	802	815	812	834
Heavy & Sour	1,222	1,774	2,387	1,774	1,519	1,422
<b>Venezuela</b>	<b>2,752</b>	<b>2,894</b>	<b>2,706</b>	<b>2,353</b>	<b>2,154</b>	<b>2,227</b>
Medium & Medium Sour	523	486				
Medium & Sour	405	371	1,247	1,000	963	1,063
Heavy & Sour	1,824	2,037	1,459	1,353	1,191	1,164

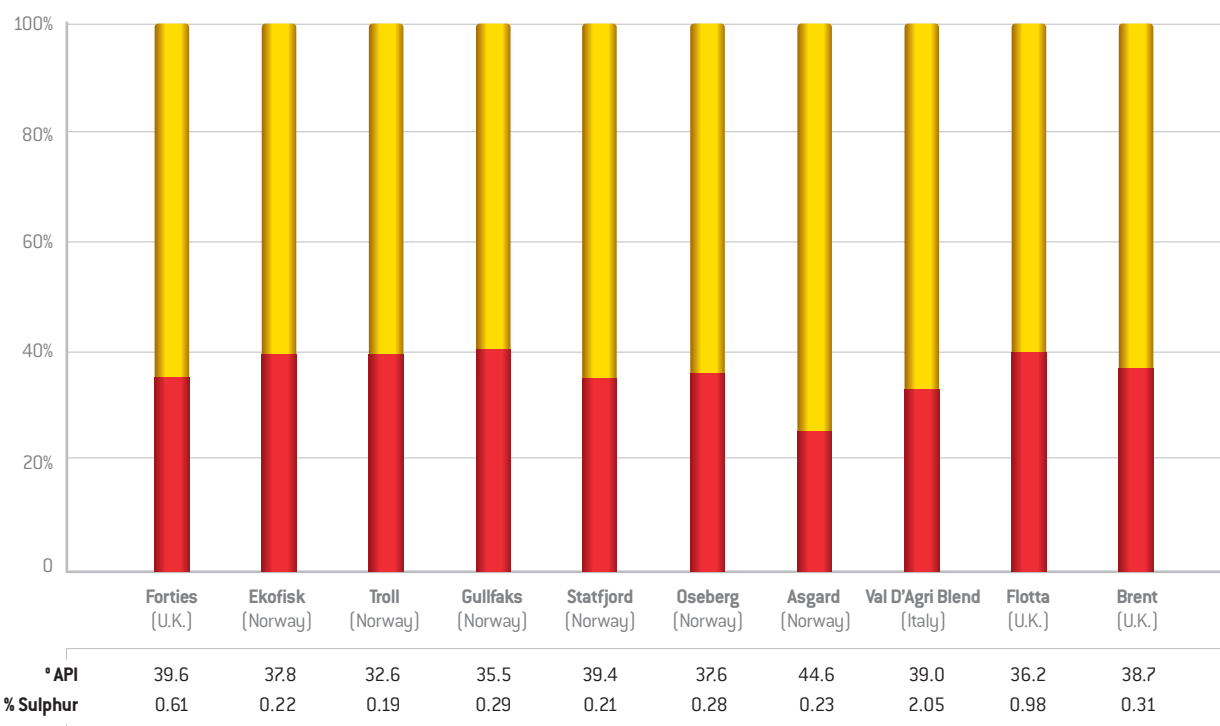


## Production Quality

## Distillation Yields

## Europe

(%wt)

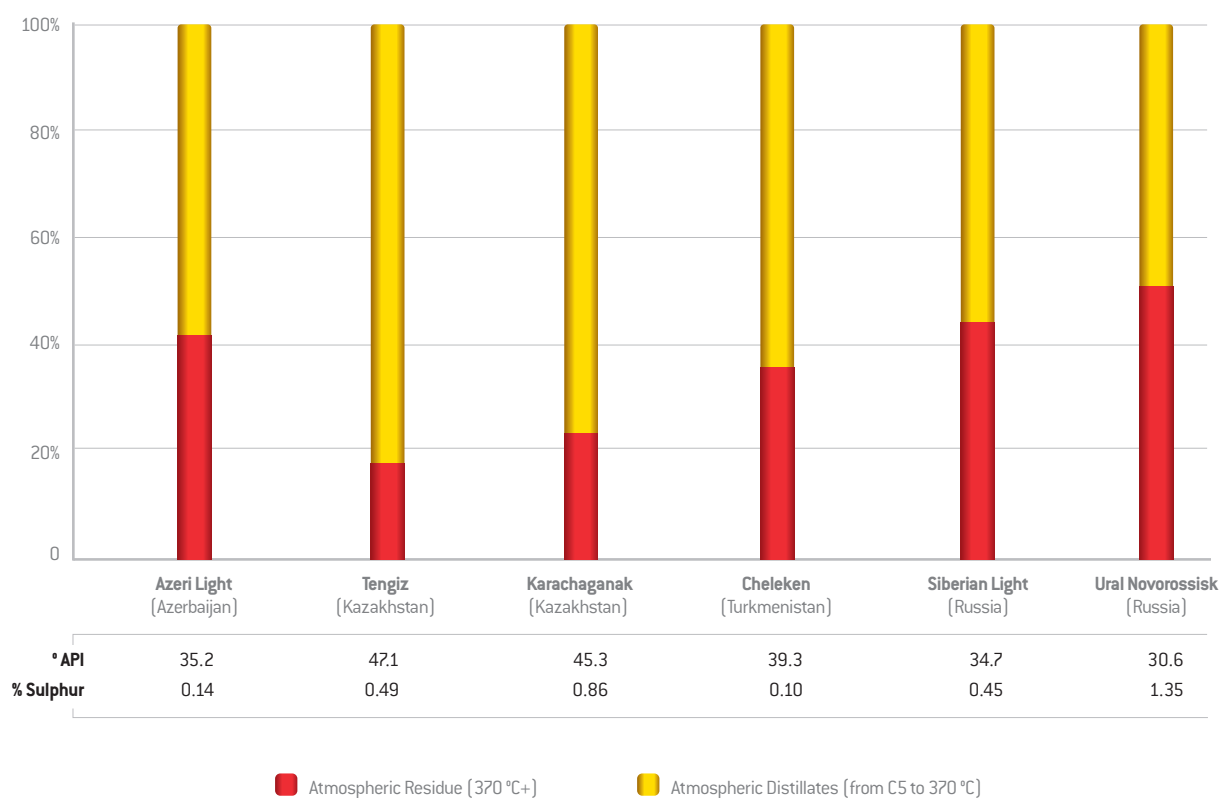


Atmospheric Residue (370 °C+)

Atmospheric Distillates (from C5 to 370 °C)

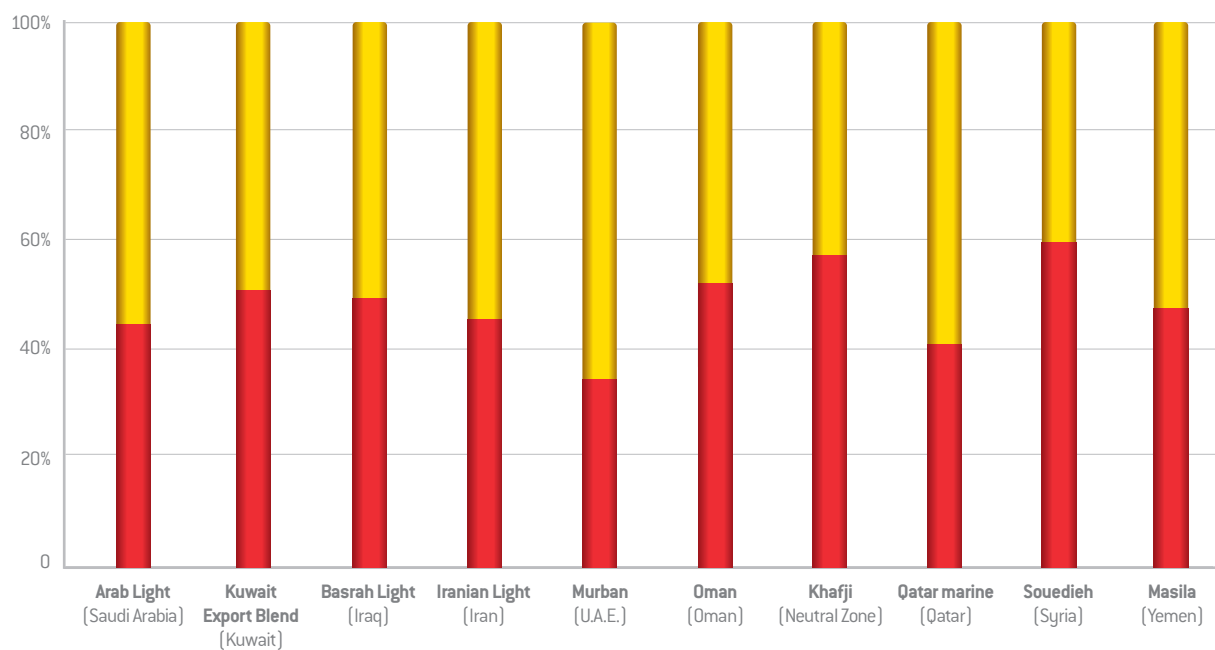
## Russia and Central Asia

(%wt)



Atmospheric Residue (370 °C+)

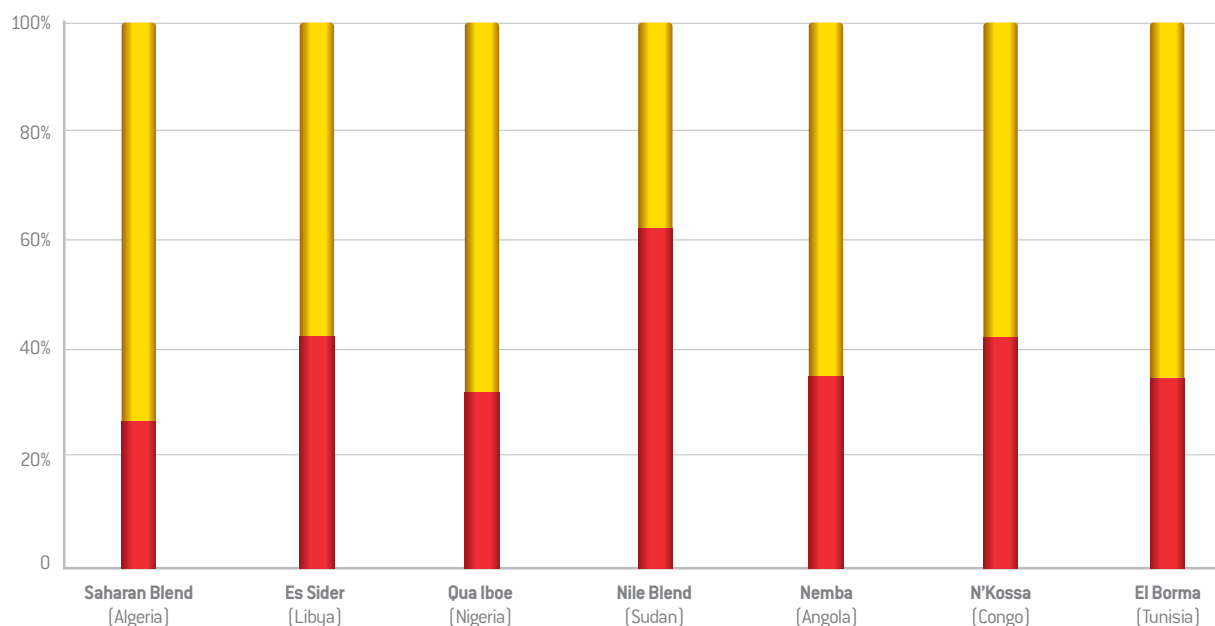
Atmospheric Distillates (from C5 to 370 °C)

**Middle East**  
(%wt)

* API	33.0	30.5	30.4	33.3	39.5	34.5	272	35.5	21.1	31.8
% Sulphur	1.88	2.67	2.79	1.54	0.90	1.01	2.88	1.63	3.53	0.50

Atmospheric Residue (370 °C+)

Atmospheric Distillates (from C5 to 370 °C)

**Africa**  
(%wt)

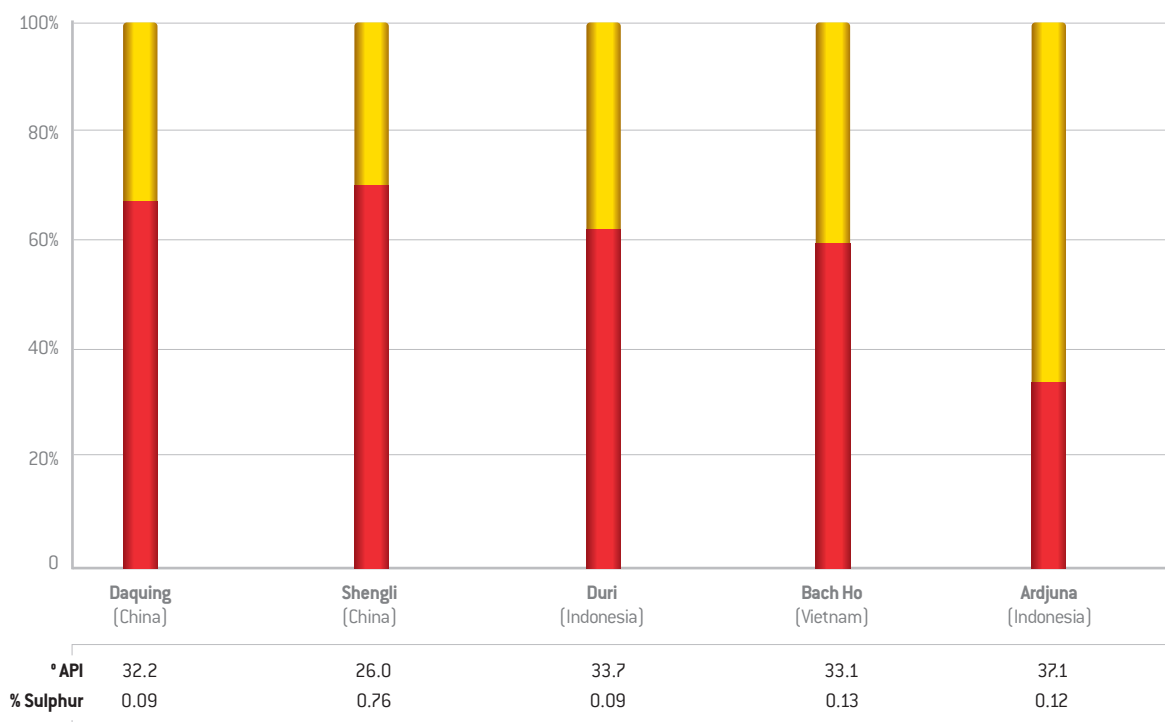
* API	470	36.1	35.8	34.1	40.0	41.2	42.6
% Sulphur	0.11	0.42	0.11	0.04	0.20	0.04	0.08

Atmospheric Residue (370 °C+)

Atmospheric Distillates (from C5 to 370 °C)

## Asia - Pacific

(%wt)

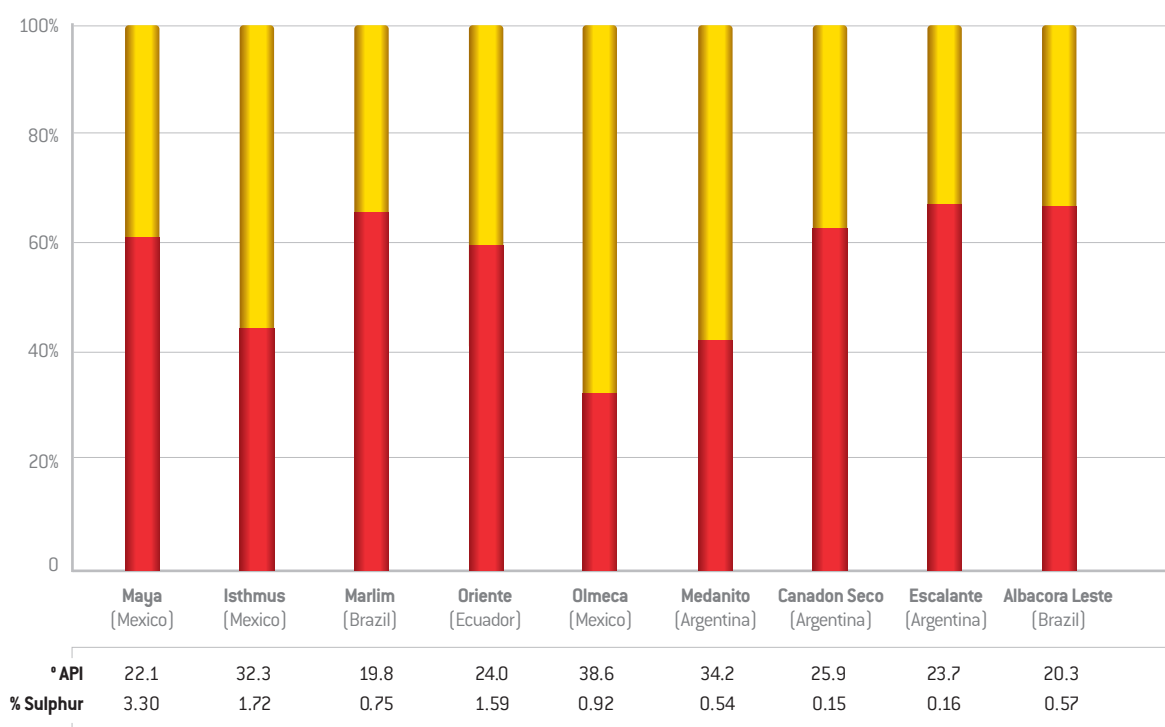


Atmospheric Residue (370 °C+)

Atmospheric Distillates (from C5 to 370 °C)

## Americas

(%wt)



Atmospheric Residue (370 °C+)

Atmospheric Distillates (from C5 to 370 °C)



World Oil and Gas Review 2011

## Refining Industry



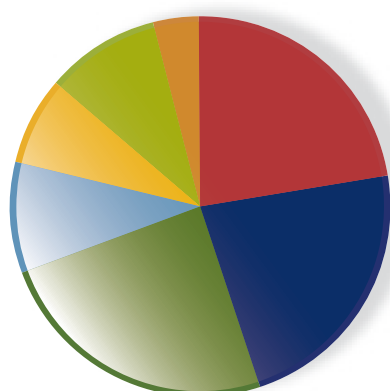
## Areas and Aggregates (\*)

	1995							2000						
	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbb/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbb/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)
Europe	161	933	18,673	261	28	6.7	76	150	930	18,608	276	30	7.0	78
Russia and Central Asia	41	369	7,416	51	14	4.5	58	50	338	6,811	49	14	4.7	61
Middle East	41	292	5,837	54	19	4.3	88	44	323	6,492	61	19	4.4	90
Africa	45	145	2,909	15	10	3.7	77	45	145	2,897	17	12	3.8	77
Asia - Pacific	186	863	17,259	258	30	5.5	84	216	1,116	22,360	435	39	6.0	80
Americas	275	1,225	24,491	721	59	8.7	87	253	1,306	26,117	793	61	8.9	90
<i>North America</i>	194	859	17,186	602	70	10.0	89	174	924	18,472	652	71	10.0	90
<i>Latin America</i>	81	365	7,305	119	33	5.5	82	79	382	7,645	142	37	6.2	88
<b>World</b>	<b>749</b>	<b>3,826</b>	<b>76,585</b>	<b>1,361</b>	<b>36</b>	<b>6.6</b>	<b>80</b>	<b>758</b>	<b>4,158</b>	<b>83,285</b>	<b>1,631</b>	<b>39</b>	<b>6.8</b>	<b>82</b>
High Income Countries	415	2,325	46,505	1,008	43	7.8	86	379	2,477	49,582	1,123	45	7.9	87
Upper Middle Income Countries	149	912	18,274	195	21	4.8	71	157	918	18,406	222	24	5.2	74
Lower Middle Income Countries	171	571	11,419	156	27	4.6	74	211	747	14,973	284	38	5.3	74
Low Income Countries	14	19	387	1	6	2.8	48	11	16	324	1	8	2.6	44
<b>International Organizations</b>														
European Union	135	768	15,361	236	31	7.2	81	123	773	15,476	247	32	7.4	84
OECD	388	2,090	41,818	940	45	8.1	86	355	2,237	44,757	1,046	47	8.2	87
OPEC	56	365	7,298	71	20	4.3	87	60	398	7,980	82	21	4.4	88

## Primary Capacity

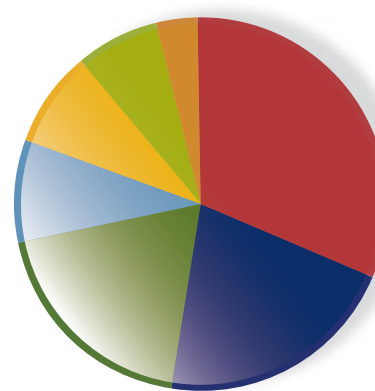
1995

World: 3,826 million tons



2010

World: 4,600 million tons

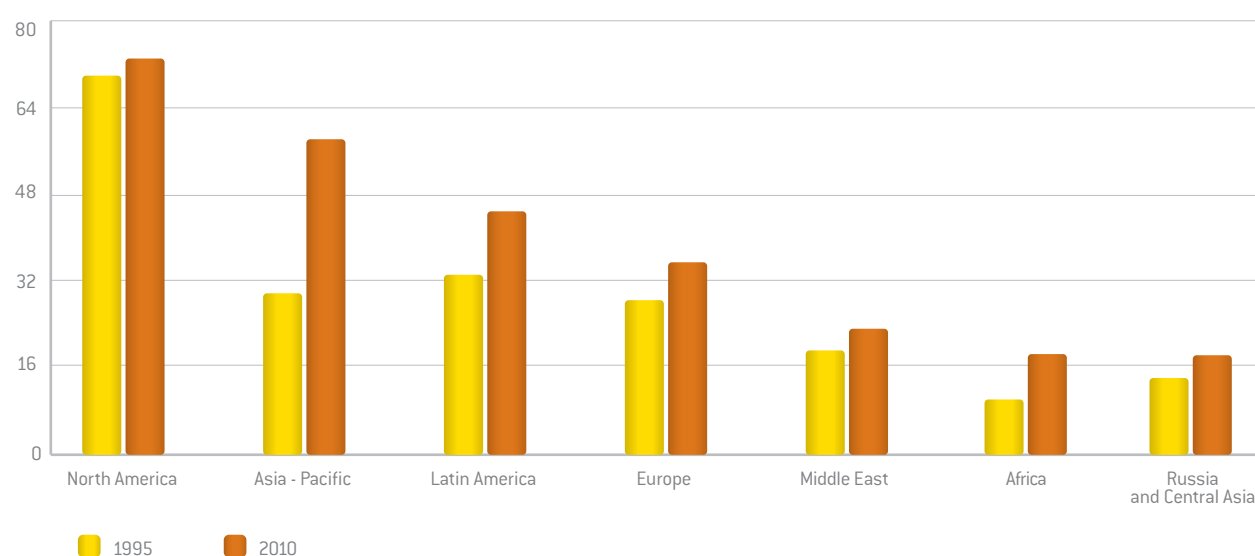


(\*) Data source: Parpinelli TECNON.



2005							2010							
Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbb/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbb/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)	
139	924	18,502	311	34	7.6	83	131	890	17,808	323	36	7.8	75	Europe
51	327	6,594	54	16	5.4	74	51	332	6,687	59	18	5.7	85	Russia and Central Asia
45	360	7,287	72	20	4.4	86	52	389	7,914	89	23	4.9	85	Middle East
44	161	3,224	28	17	4.5	77	45	159	3,192	29	18	4.6	74	Africa
223	1,223	24,488	599	49	6.4	84	241	1,467	29,412	858	58	7.4	79	Asia - Pacific
250	1,350	27,017	857	64	9.2	89	241	1,363	27,287	885	65	9.6	83	Americas
167	960	19,216	691	72	10.2	88	160	964	19,293	707	73	10.7	84	North America
83	390	7,801	167	43	6.7	92	81	399	7,994	178	45	6.7	81	Latin America
<b>752</b>	<b>4,345</b>	<b>87,112</b>	<b>1,921</b>	<b>44</b>	<b>7.2</b>	<b>85</b>	<b>761</b>	<b>4,600</b>	<b>92,300</b>	<b>2,243</b>	<b>49</b>	<b>7.7</b>	<b>80</b>	<b>World</b>
354	2,563	51,385	1,247	49	8.2	87	344	2,555	51,253	1,314	51	8.7	80	High Income Countries
162	914	18,344	255	28	5.7	83	162	941	18,926	272	29	5.9	83	Upper Middle Income Countries
226	852	17,059	416	49	5.9	80	245	1,087	21,797	655	60	6.9	78	Lower Middle Income Countries
10	16	324	2	13	2.6	46	10	16	324	2	13	2.5	40	Low Income Countries
<b>International Organizations</b>														
114	795	15,908	276	35	7.8	85	107	761	15,219	288	38	8.1	78	European Union
333	2,262	45,252	1,129	50	8.6	87	321	2,241	44,847	1,176	52	9.1	80	OECD
60	439	8,867	95	22	4.5	85	68	463	9,401	103	22	4.8	84	OPEC

## Complexity ratio (FCC eqv. %)



Countries<sup>(\*)</sup>

	1995							2000						
	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbb/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbb/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)
<b>Europe</b>	<b>161</b>	<b>933</b>	<b>18,673</b>	<b>261</b>	<b>28</b>	<b>6.7</b>	<b>76</b>	<b>150</b>	<b>930</b>	<b>18,608</b>	<b>276</b>	<b>30</b>	<b>7.0</b>	<b>78</b>
Belgium	5	33	669	8	24	6.3	79	5	37	739	8	21	5.7	92
Czech Republic	3	10	208	2	24	5.3	67	3	10	208	3	26	6.5	56
France	14	87	1,734	24	28	8.3	91	14	99	1,971	26	26	7.8	87
Germany	19	113	2,268	44	39	7.9	91	14	113	2,252	44	39	8.1	95
Greece	4	20	403	5	25	6.0	74	4	20	403	5	26	6.7	96
Italy	18	118	2,359	35	29	7.1	67	17	124	2,485	38	31	7.3	70
Netherlands	7	63	1,260	19	30	6.1	93	7	63	1,271	22	34	6.0	92
Poland	7	18	363	3	16	6.6	74	7	20	393	6	29	8.9	93
Portugal	2	15	304	3	21	5.3	85	2	15	304	3	21	5.8	76
Romania	10	27	532	12	45	6.9	58	9	20	391	9	47	7.7	55
Spain	10	65	1,308	16	25	5.9	84	10	67	1,330	18	28	6.4	86
Sweden	5	22	436	5	22	7.2	83	5	22	436	5	22	7.4	94
Turkey	5	36	713	5	15	4.1	77	5	36	713	7	19	4.5	67
Ukraine	6	54	1,083	5	9	4.0	32	6	49	983	6	12	4.4	19
United Kingdom	15	95	1,901	41	44	9.2	88	12	91	1,821	39	43	8.8	89
Others Europe	31	156	3,132	33	21	5.8	60	30	145	2,908	36	25	6.5	66
<b>Russia and Central Asia</b>	<b>41</b>	<b>369</b>	<b>7,416</b>	<b>51</b>	<b>14</b>	<b>4.5</b>	<b>58</b>	<b>50</b>	<b>338</b>	<b>6,811</b>	<b>49</b>	<b>14</b>	<b>4.7</b>	<b>61</b>
Russia	31	308	6,209	36	12	4.4	60	37	281	5,655	35	13	4.6	64
Kazakhstan	3	20	390	4	22	4.3	60	3	20	390	4	22	4.3	32
Others Central Asia	7	41	817	11	26	5.8	47	10	38	766	9	24	6.1	56
<b>Middle East</b>	<b>41</b>	<b>292</b>	<b>5,837</b>	<b>54</b>	<b>19</b>	<b>4.3</b>	<b>88</b>	<b>44</b>	<b>323</b>	<b>6,492</b>	<b>61</b>	<b>19</b>	<b>4.4</b>	<b>90</b>
Iran	8	65	1,290	12	18	4.0	95	9	80	1,597	14	18	4.0	96
Iraq	10	33	660	1	2	3.4	70	11	37	740	1	2	3.4	77
Kuwait	3	41	824	17	41	5.2	99	3	37	740	18	47	5.6	101
Saudi Arabia	8	85	1,692	13	15	4.3	85	7	90	1,806	15	17	4.8	90
United Arab Emirates	2	11	220	2	19	4.4	99	4	21	440	2	10	2.7	79
Others Middle East	10	58	1,151	10	18	4.5	87	10	58	1,169	10	18	4.7	87
<b>Africa</b>	<b>45</b>	<b>145</b>	<b>2,909</b>	<b>15</b>	<b>10</b>	<b>3.7</b>	<b>77</b>	<b>45</b>	<b>145</b>	<b>2,897</b>	<b>17</b>	<b>12</b>	<b>3.8</b>	<b>77</b>
Algeria	4	24	470	0	1	3.0	86	4	24	470	0	1	3.0	91
Egypt	8	32	632	2	6	2.5	86	8	33	667	2	5	3.1	78
Libya	5	18	360	0	0	1.6	92	5	18	360	0	0	1.6	94
Nigeria	3	16	310	3	22	5.4	54	4	14	270	3	21	4.5	35
South Africa	4	23	459	7	33	6.9	76	4	24	481	8	34	7.4	81
Others Africa	21	34	678	2	6	3.3	66	20	32	649	4	12	3.3	71
<b>Asia - Pacific</b>	<b>186</b>	<b>863</b>	<b>17,259</b>	<b>258</b>	<b>30</b>	<b>5.5</b>	<b>84</b>	<b>216</b>	<b>1,116</b>	<b>22,360</b>	<b>435</b>	<b>39</b>	<b>6.0</b>	<b>80</b>
Australia	10	37	739	18	49	8.0	81	10	42	837	21	51	8.0	80
China	75	192	3,844	93	48	5.9	75	97	276	5,526	179	65	6.5	73
India	13	63	1,250	14	23	4.2	95	17	117	2,337	40	34	5.1	90
Indonesia	8	50	991	22	44	4.7	81	10	56	1,127	22	40	4.6	87
Japan	39	251	5,021	74	29	6.6	82	35	264	5,283	87	33	7.0	78
Malaysia	5	18	365	0	0	2.5	92	7	27	548	7	27	4.1	83
Singapore	5	57	1,149	11	20	5.9	90	3	65	1,310	15	23	6.7	64
South Korea	6	90	1,805	8	9	3.2	95	6	135	2,695	32	24	4.2	90
Taiwan	3	39	770	8	22	5.2	79	4	42	830	9	21	5.4	92
Thailand	5	25	502	3	12	4.2	98	8	47	946	17	36	7.2	77
Others Asia - Pacific	17	41	823	6	13	4.1	79	19	46	921	6	13	4.1	78
<b>Americas</b>	<b>275</b>	<b>1,225</b>	<b>24,491</b>	<b>721</b>	<b>59</b>	<b>8.7</b>	<b>87</b>	<b>253</b>	<b>1,306</b>	<b>26,117</b>	<b>793</b>	<b>61</b>	<b>8.9</b>	<b>90</b>
Argentina	11	32	645	21	65	7.1	71	10	31	626	21	66	8.1	83
Brazil	13	76	1,528	26	34	4.9	82	15	95	1,911	33	35	4.7	85
Canada	24	95	1,898	44	47	7.3	70	21	97	1,936	49	51	7.8	80
Mexico	6	76	1,515	21	27	6.4	86	6	77	1,535	24	31	7.7	84
United States	170	764	15,288	558	73	10.4	91	153	827	16,536	603	73	10.2	91
Venezuela	6	61	1,212	22	37	5.7	87	6	63	1,269	28	44	6.5	86
Others Americas	45	120	2,405	29	24	5.6	80	42	115	2,304	36	31	6.5	96

(\*) Data Source: Parpinelli TECNON.

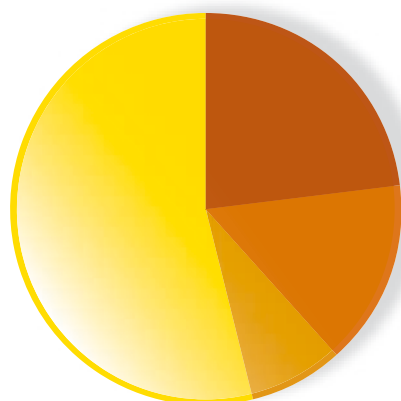


2005							2010							
Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbbbl/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbbbl/d)	Conversion Capacity (FCC eqv.) (mmtons)	FCC eqv. (%)	NCI	Utilization Rate (%)	
<b>139</b>	<b>924</b>	<b>18,502</b>	<b>311</b>	<b>34</b>	<b>7.6</b>	<b>83</b>	<b>131</b>	<b>890</b>	<b>17,808</b>	<b>323</b>	<b>36</b>	<b>7.8</b>	<b>75</b>	<b>Europe</b>
4	38	758	10	25	6.2	85	4	39	788	10	25	6.1	79	Belgium
3	10	208	5	52	7.4	74	3	10	208	6	57	7.7	72	Czech Republic
13	100	2,003	27	27	8.0	85	12	85	1,703	30	35	9.0	78	France
13	119	2,381	47	40	8.3	96	12	105	2,108	48	45	8.2	90	Germany
4	21	418	6	30	7.4	89	4	22	440	7	30	7.7	82	Greece
17	126	2,515	43	34	7.9	75	17	120	2,396	47	39	8.5	69	Italy
7	65	1,308	24	37	6.2	91	7	67	1,331	25	37	6.2	81	Netherlands
6	25	495	7	26	8.2	73	5	29	576	6	21	7.5	76	Poland
2	15	304	4	24	6.9	86	2	15	304	4	24	6.9	72	Portugal
8	20	403	11	53	7.3	70	5	15	309	8	53	7.9	65	Romania
10	69	1,377	22	32	7.0	86	10	71	1,427	25	35	7.3	72	Spain
5	22	436	5	23	7.6	94	5	22	436	5	23	8.0	92	Sweden
4	31	613	7	22	5.8	84	4	31	613	7	22	6.8	60	Turkey
6	29	571	5	19	6.1	68	5	28	566	5	18	6.3	38	Ukraine
12	95	1,902	41	43	8.9	84	11	90	1,793	42	47	8.9	76	United Kingdom
25	140	2,810	47	34	7.5	77	25	140	2,810	50	36	7.8	69	Others Europe
<b>51</b>	<b>327</b>	<b>6,594</b>	<b>54</b>	<b>16</b>	<b>5.4</b>	<b>74</b>	<b>51</b>	<b>332</b>	<b>6,687</b>	<b>59</b>	<b>18</b>	<b>5.7</b>	<b>85</b>	<b>Russia and Central Asia</b>
39	274	5,522	38	14	5.2	77	39	275	5,555	44	16	5.6	90	Russia
3	20	390	5	24	4.9	60	3	20	390	5	24	5.3	65	Kazakhstan
9	34	682	11	32	7.4	58	9	37	742	11	29	6.9	56	Others Central Asia
<b>45</b>	<b>360</b>	<b>7,287</b>	<b>72</b>	<b>20</b>	<b>4.4</b>	<b>86</b>	<b>52</b>	<b>389</b>	<b>7,914</b>	<b>89</b>	<b>23</b>	<b>4.9</b>	<b>85</b>	<b>Middle East</b>
10	82	1,642	14	17	4.1	95	11	92	1,860	15	16	4.0	95	Iran
12	37	743	1	2	3.3	51	15	43	856	3	8	3.4	56	Iraq
3	47	931	21	45	5.5	94	3	47	931	21	45	5.9	92	Kuwait
7	104	2,100	20	19	4.6	93	7	104	2,100	26	25	6.0	91	Saudi Arabia
3	28	620	2	7	2.2	69	4	31	673	2	7	3.0	65	United Arab Emirates
10	62	1,251	14	22	5.3	85	12	73	1,494	22	30	5.7	85	Others Middle East
<b>44</b>	<b>161</b>	<b>3,224</b>	<b>28</b>	<b>17</b>	<b>4.5</b>	<b>77</b>	<b>45</b>	<b>159</b>	<b>3,192</b>	<b>29</b>	<b>18</b>	<b>4.6</b>	<b>74</b>	<b>Africa</b>
4	24	470	0	1	3.0	82	6	29	597	1	2	2.7	89	Algeria
9	40	793	6	15	5.7	80	9	40	793	6	15	5.8	78	Egypt
5	18	360	0	0	1.6	91	5	18	360	0	0	1.6	86	Libya
3	17	345	5	27	5.2	55	3	11	210	3	26	4.9	36	Nigeria
4	26	520	9	34	7.2	85	4	26	520	9	34	7.6	69	South Africa
19	37	736	8	22	3.5	70	18	36	712	11	31	4.3	64	Others Africa
<b>223</b>	<b>1,223</b>	<b>24,488</b>	<b>599</b>	<b>49</b>	<b>6.4</b>	<b>84</b>	<b>241</b>	<b>1,467</b>	<b>29,412</b>	<b>858</b>	<b>58</b>	<b>7.4</b>	<b>79</b>	<b>Asia - Pacific</b>
8	38	752	23	61	7.8	82	8	38	759	23	60	7.7	71	Australia
109	369	7,372	281	76	6.9	79	121	526	10,521	455	86	7.8	77	China
18	132	2,640	60	45	5.7	98	20	190	3,796	112	59	7.6	99	India
9	53	1,057	22	42	5.1	88	11	57	1,158	22	39	6.9	74	Indonesia
30	239	4,782	94	39	7.7	86	29	236	4,723	97	41	8.0	75	Japan
6	26	522	8	30	4.5	92	6	27	558	8	31	5.2	93	Malaysia
3	71	1,420	16	23	6.7	77	3	71	1,427	18	25	7.1	63	Singapore
6	135	2,705	39	29	5.1	86	6	142	2,835	54	38	6.9	81	South Korea
4	61	1,220	34	56	6.5	89	4	63	1,260	36	58	7.5	79	Taiwan
8	54	1,096	17	31	6.4	81	8	60	1,233	19	31	6.3	79	Thailand
22	46	922	6	13	4.2	73	25	57	1,142	14	24	4.5	70	Others Asia - Pacific
<b>250</b>	<b>1,350</b>	<b>27,017</b>	<b>857</b>	<b>64</b>	<b>9.2</b>	<b>89</b>	<b>241</b>	<b>1,363</b>	<b>27,287</b>	<b>885</b>	<b>65</b>	<b>9.6</b>	<b>83</b>	<b>Americas</b>
14	31	627	20	65	8.1	85	13	32	638	20	64	8.0	85	Argentina
16	99	1,995	44	44	5.1	88	17	105	2,115	52	50	5.4	87	Brazil
19	97	1,944	54	56	8.5	83	19	100	2,003	54	54	8.8	74	Canada
6	77	1,540	33	43	8.9	94	6	77	1,540	33	42	8.8	86	Mexico
148	863	17,272	636	74	10.4	88	141	864	17,290	653	76	10.9	85	United States
6	65	1,291	27	42	6.9	89	6	65	1,303	29	44	7.0	80	Venezuela
41	117	2,348	42	36	6.4	97	39	120	2,398	44	37	6.6	74	Others Americas

## Primary Capacity by cluster of Companies (\*)

2000

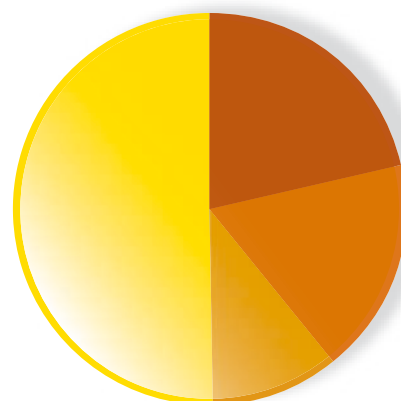
World: 4,158 million tons



Majors 23.3%  
 NOCs 15.2%  
 iNOCs 7.7%  
 Others 53.8%

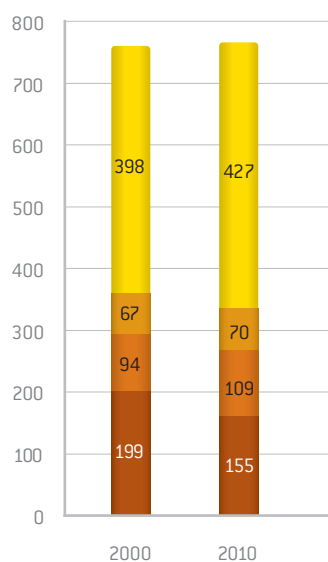
2010

World: 4,600 million tons

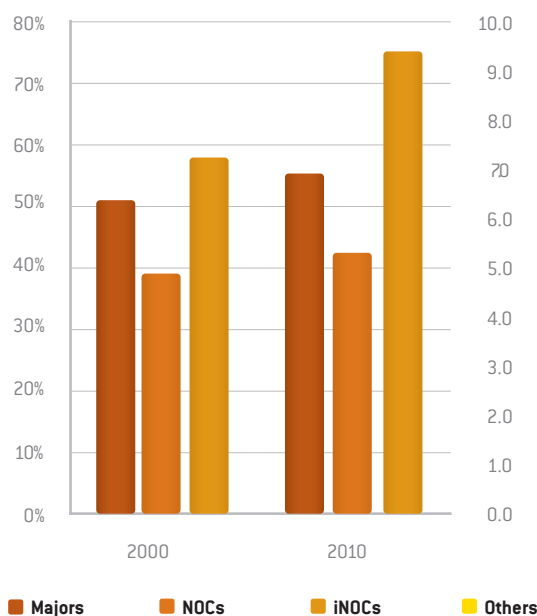


Majors 21.6%  
 NOCs 17.8%  
 iNOCs 10.5%  
 Others 50.0%

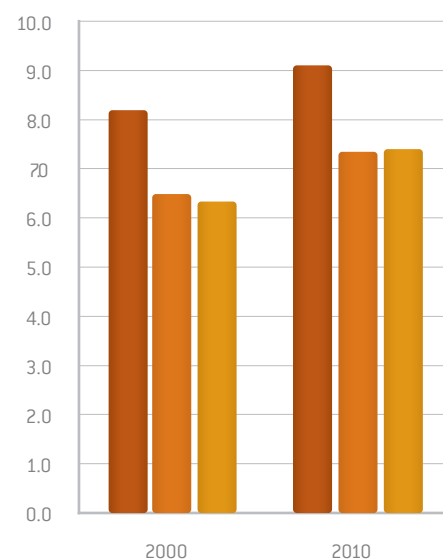
## No. of refineries by cluster of Companies (\*)



## FCC eqv. by cluster of Companies (\*)



## NCI by cluster of Companies (\*)



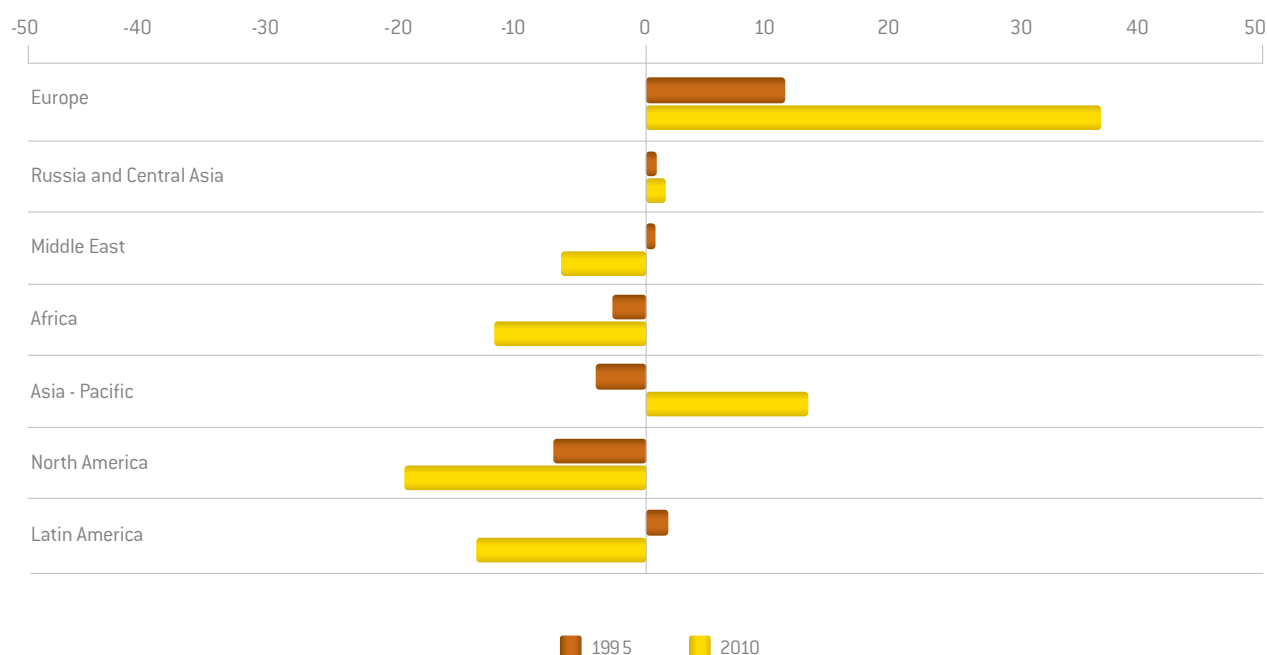
(\*) Majors: ExxonMobil, BP, Shell, Chevron, Total, ConocoPhillips, Eni.

NOCs: Gazprom, Indian Oil Corporation, Kuwait Petroleum Corporation, LUKoil, NIORDC, PDVSA, Pemex, Pertamina, Reliance, Rosneft, Saudi Aramco.

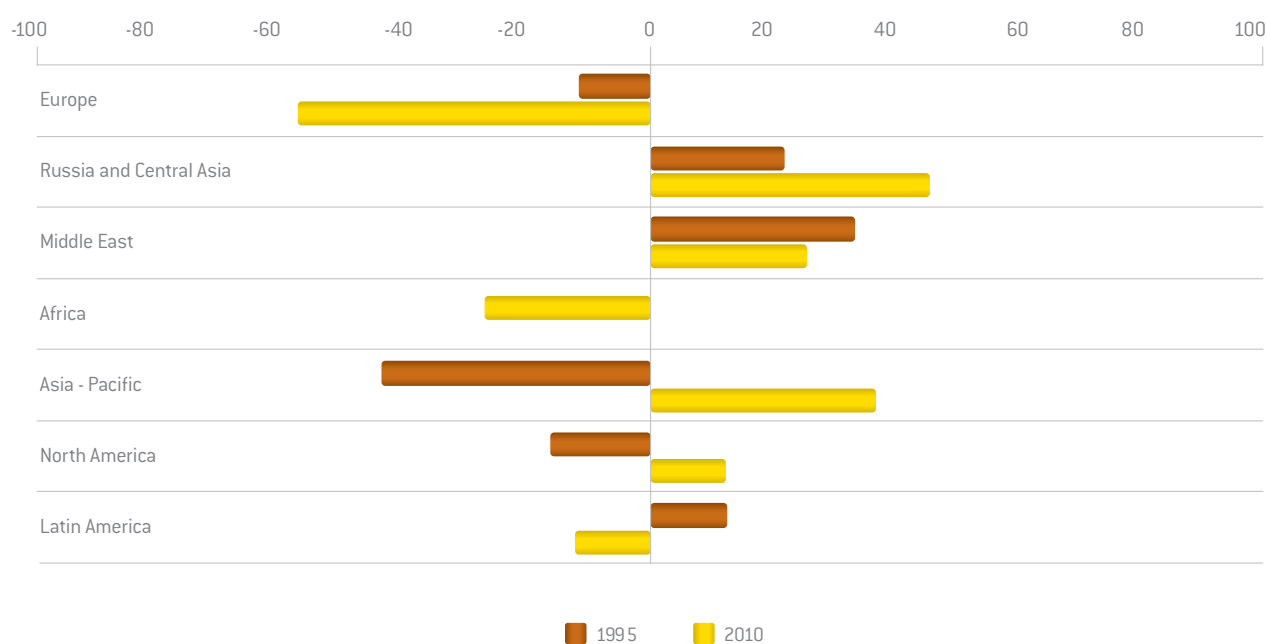
iNOCs: Petrobras, PetroChina, Sinopec.

**Gasoline (\*) - Balance in the World**

(million tons)

**Middle Distillates (\*) - Balance in the World**

(million tons)



(\*) Data source: Parpinelli TECNON.

## Areas and Aggregates (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>Europe</b>												
Production	64.05	158.61	298.78	109.33	87.06	<b>717.82</b>	73.49	155.31	321.92	106.58	80.16	<b>737.45</b>
Consumption	77.80	147.30	310.10	145.26	109.92	<b>790.37</b>	84.82	141.84	341.19	114.15	115.64	<b>797.64</b>
Balance	-13.76	11.31	-11.31	-35.93	-22.85	<b>-72.55</b>	-11.33	13.47	-19.27	-7.57	-35.48	<b>-60.18</b>
<b>Russia and Central Asia</b>												
Production	11.33	33.02	66.91	75.40	30.48	<b>217.14</b>	17.07	31.87	67.82	62.83	32.26	<b>211.85</b>
Consumption	10.21	32.16	44.42	54.39	24.94	<b>166.12</b>	12.89	29.57	41.35	37.61	33.46	<b>154.89</b>
Balance	1.12	0.86	22.49	21.01	5.54	<b>51.02</b>	4.18	2.29	26.47	25.22	-1.21	<b>56.96</b>
<b>Middle East</b>												
Production	57.19	31.26	106.08	78.65	25.21	<b>298.38</b>	65.80	34.66	121.33	85.71	28.40	<b>335.90</b>
Consumption	10.60	30.50	72.79	56.07	32.98	<b>202.93</b>	16.61	36.34	81.29	62.03	38.68	<b>234.95</b>
Balance	46.60	0.76	33.30	22.58	-7.78	<b>95.45</b>	49.19	-1.68	40.04	23.68	-10.27	<b>100.95</b>
<b>Africa</b>												
Production	16.83	19.84	42.70	36.50	2.95	<b>118.82</b>	25.37	17.60	43.93	34.81	3.38	<b>125.09</b>
Consumption	5.83	22.46	42.48	24.58	3.44	<b>98.79</b>	7.98	24.17	51.27	20.65	3.85	<b>107.91</b>
Balance	11.00	-2.62	0.22	11.91	-0.49	<b>20.03</b>	17.39	-6.57	-7.34	14.16	-0.47	<b>17.17</b>
<b>Asia - Pacific</b>												
Production	74.24	118.84	291.53	159.89	91.94	<b>736.42</b>	114.12	146.39	379.83	143.63	128.20	<b>912.18</b>
Consumption	115.51	122.83	334.96	182.40	105.52	<b>861.21</b>	161.48	143.52	386.83	179.67	133.08	<b>1,004.58</b>
Balance	-41.27	-3.99	-43.43	-22.51	-13.58	<b>-124.79</b>	-47.36	2.87	-7.00	-36.03	-4.88	<b>-92.40</b>
<b>Americas</b>												
Production	100.20	427.71	335.15	115.10	177.23	<b>1,155.40</b>	113.50	457.74	384.41	119.31	193.95	<b>1,268.91</b>
Consumption	100.81	433.33	337.84	114.80	171.79	<b>1,158.56</b>	118.29	469.11	395.83	123.57	189.00	<b>1,295.79</b>
Balance	-0.62	-5.62	-2.68	0.31	5.44	<b>-3.16</b>	-4.79	-11.37	-11.43	-4.26	4.96	<b>-26.88</b>
<b>North America</b>												
Production	66.82	352.65	235.05	42.53	138.83	<b>835.88</b>	73.95	376.29	271.72	39.11	148.22	<b>909.29</b>
Consumption	69.58	360.13	250.73	54.81	139.43	<b>874.67</b>	79.45	392.78	294.20	54.46	145.49	<b>966.38</b>
Balance	-2.75	-7.48	-15.68	-12.28	-0.59	<b>-38.79</b>	-5.51	-16.49	-22.48	-15.35	2.72	<b>-57.09</b>
<b>Latin America</b>												
Production	33.38	75.07	100.10	72.58	38.40	<b>319.52</b>	39.56	81.45	112.69	80.20	45.74	<b>359.63</b>
Consumption	31.24	73.20	87.11	59.98	32.36	<b>283.89</b>	38.84	76.33	101.63	69.11	43.50	<b>329.41</b>
Balance	2.14	1.87	12.99	12.59	6.04	<b>35.63</b>	0.72	5.12	11.05	11.09	2.23	<b>30.21</b>
<b>World</b>												
Production	323.83	789.27	1,141.15	574.87	414.86	<b>3,243.99</b>	409.35	843.56	1,319.25	552.88	466.35	<b>3,591.38</b>
Consumption	320.76	788.58	1,142.58	577.49	448.58	<b>3,277.98</b>	402.06	844.54	1,297.77	537.68	513.70	<b>3,595.75</b>
Balance	3.08	0.69	-1.43	-2.62	-33.72	<b>-33.99</b>	7.29	-0.99	21.48	15.20	-47.35	<b>-4.37</b>

(\*) Data source: Parpinelli TECNON.

2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
												<b>Europe</b>
88.85	165.79	343.39	108.47	80.27	<b>786.76</b>	80.69	144.50	321.17	59.12	73.14	<b>678.61</b>	Production
95.24	126.60	379.96	106.26	117.84	<b>825.90</b>	94.49	107.62	378.64	76.69	89.01	<b>746.44</b>	Consumption
-6.39	39.19	-36.58	2.21	-37.57	<b>-39.14</b>	-13.80	36.88	-57.47	-17.57	-15.87	<b>-67.83</b>	Balance
												<b>Russia and Central Asia</b>
28.06	38.03	81.80	72.08	30.35	<b>250.33</b>	33.03	43.67	95.45	80.25	38.42	<b>290.81</b>	Production
16.30	33.35	44.25	27.46	32.68	<b>154.04</b>	17.36	42.05	49.83	13.99	34.87	<b>158.09</b>	Consumption
11.76	4.68	37.55	44.62	-2.32	<b>96.29</b>	15.67	1.62	45.62	66.26	3.55	<b>132.72</b>	Balance
												<b>Middle East</b>
78.89	40.39	131.44	81.31	32.49	<b>364.51</b>	90.52	50.25	142.11	76.80	42.23	<b>401.92</b>	Production
24.08	48.73	95.29	70.54	43.39	<b>282.03</b>	33.13	57.08	115.95	80.26	68.26	<b>354.67</b>	Consumption
54.82	-8.34	36.14	10.77	-10.90	<b>82.48</b>	57.39	-6.82	26.16	-3.46	-26.03	<b>47.25</b>	Balance
												<b>Africa</b>
27.15	19.67	49.61	37.27	5.97	<b>139.68</b>	30.99	20.02	46.01	32.01	4.96	<b>133.99</b>	Production
10.19	28.34	61.36	23.77	6.61	<b>130.25</b>	12.86	32.24	72.53	23.49	6.18	<b>147.29</b>	Consumption
16.96	-8.66	-11.74	13.51	-0.64	<b>9.43</b>	18.13	-12.22	-26.52	8.52	-1.22	<b>-13.31</b>	Balance
												<b>Asia - Pacific</b>
146.13	171.99	453.10	131.18	152.10	<b>1,054.50</b>	175.17	213.00	522.94	103.22	177.19	<b>1,191.52</b>	Production
199.00	170.79	439.08	175.85	162.52	<b>1,147.23</b>	241.28	199.85	485.44	155.99	181.27	<b>1,263.84</b>	Consumption
-52.87	1.20	14.02	-44.67	-10.41	<b>-92.74</b>	-66.11	13.15	37.51	-52.77	-4.09	<b>-72.32</b>	Balance
												<b>Americas</b>
100.52	479.75	426.55	110.14	177.65	<b>1,294.60</b>	99.18	492.34	406.22	105.32	131.01	<b>1,234.05</b>	Production
115.46	508.55	429.59	119.97	187.46	<b>1,361.02</b>	104.13	525.58	405.83	100.09	126.57	<b>1,262.20</b>	Consumption
-14.94	-28.80	-3.03	-9.83	-9.81	<b>-66.42</b>	-4.95	-33.25	0.39	5.22	4.44	<b>-28.15</b>	Balance
												<b>North America</b>
58.66	393.14	298.93	35.54	125.87	<b>912.14</b>	61.64	399.93	287.08	38.09	96.20	<b>882.92</b>	Production
77.30	423.12	316.31	59.66	141.59	<b>1,017.97</b>	64.87	419.48	274.61	46.38	88.95	<b>894.28</b>	Consumption
-18.63	-29.98	-17.38	-24.12	-15.72	<b>-105.83</b>	-3.24	-19.55	12.47	-8.29	7.25	<b>-11.36</b>	Balance
												<b>Latin America</b>
41.86	86.61	127.62	74.60	51.78	<b>382.47</b>	37.55	92.41	119.14	67.23	34.81	<b>351.13</b>	Production
38.16	85.43	113.28	60.31	45.88	<b>343.05</b>	39.25	106.10	131.22	53.72	37.62	<b>367.92</b>	Consumption
3.69	1.18	14.35	14.29	5.90	<b>39.41</b>	-1.71	-13.70	-12.08	13.51	-2.81	<b>-16.79</b>	Balance
												<b>World</b>
469.59	915.62	1,485.89	540.45	478.83	<b>3,890.38</b>	509.59	963.77	1,533.89	456.71	466.94	<b>3,930.90</b>	Production
460.27	916.35	1,449.53	523.85	550.49	<b>3,900.48</b>	503.25	964.42	1,508.21	450.50	506.16	<b>3,932.53</b>	Consumption
9.32	-0.73	36.36	16.60	-71.66	<b>-10.10</b>	6.34	-0.64	25.68	6.20	-39.22	<b>-1.63</b>	Balance

## Areas and Aggregates (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>World</b>												
Production	323.83	789.27	1,141.15	574.87	414.86	<b>3,243.99</b>	409.35	843.56	1,319.25	552.88	466.35	<b>3,591.38</b>
Consumption	320.76	788.58	1,142.58	577.49	448.58	<b>3,277.98</b>	402.06	844.54	1,297.77	537.68	513.70	<b>3,595.75</b>
Balance	3.08	0.69	-1.43	-2.62	-33.72	<b>-33.99</b>	7.29	-0.99	21.48	15.20	-47.35	<b>-4.37</b>
<b>High Income Countries</b>												
Production	220.55	590.94	761.67	280.10	267.16	<b>2,120.41</b>	256.87	622.86	850.99	268.66	289.26	<b>2,288.63</b>
Consumption	232.49	579.99	735.21	309.35	322.61	<b>2,179.64</b>	267.55	619.42	818.46	293.94	344.98	<b>2,344.36</b>
Balance	-11.94	10.95	26.46	-29.25	-55.44	<b>-59.23</b>	-10.68	3.43	32.53	-25.28	-55.72	<b>-55.72</b>
<b>Upper Middle Income Countries</b>												
Production	66.96	129.23	219.88	186.98	75.31	<b>678.37</b>	86.47	133.03	237.89	185.67	79.94	<b>723.01</b>
Consumption	52.54	129.94	184.18	147.95	64.23	<b>578.86</b>	67.57	131.98	201.98	131.89	81.53	<b>614.95</b>
Balance	14.41	-0.71	35.70	39.03	11.08	<b>99.51</b>	18.90	1.05	35.92	53.78	-1.59	<b>108.05</b>
<b>Lower Middle Income Countries</b>												
Production	35.90	67.44	155.72	105.58	71.19	<b>435.83</b>	65.43	86.43	227.39	97.18	96.21	<b>572.63</b>
Consumption	35.00	72.17	208.64	115.97	59.90	<b>491.68</b>	66.02	86.61	259.59	107.65	85.06	<b>604.92</b>
Balance	0.90	-4.73	-52.92	-10.39	11.29	<b>-55.85</b>	-0.59	-0.18	-32.20	-10.47	11.14	<b>-32.29</b>
<b>Low Income Countries</b>												
Production	0.43	1.66	3.89	2.20	1.20	<b>9.38</b>	0.58	1.24	2.98	1.37	0.95	<b>7.11</b>
Consumption	0.73	6.48	14.55	4.22	1.84	<b>27.81</b>	0.93	6.53	17.74	4.20	2.13	<b>31.52</b>
Balance	-0.29	-4.82	-10.66	-2.01	-0.64	<b>-18.43</b>	-0.35	-5.29	-14.76	-2.83	-1.18	<b>-24.41</b>
<b>International Organizations</b>												
<b>European Union</b>												
Production	54.70	144.50	269.26	84.81	77.90	<b>631.18</b>	63.86	142.25	294.33	88.73	70.51	<b>659.67</b>
Consumption	69.19	130.39	275.73	119.06	97.67	<b>692.04</b>	76.05	125.82	307.35	100.07	104.02	<b>713.31</b>
Balance	-14.49	14.11	-6.46	-34.25	-19.77	<b>-60.86</b>	-12.20	16.43	-13.02	-11.33	-33.51	<b>-53.64</b>
<b>OECD</b>												
Production	169.12	575.17	670.25	227.65	253.07	<b>1,895.25</b>	196.36	602.72	750.69	222.29	268.47	<b>2,040.52</b>
Consumption	229.76	575.63	702.31	266.10	305.73	<b>2,079.52</b>	259.60	611.92	779.33	244.35	318.26	<b>2,213.47</b>
Balance	-60.64	-0.46	-32.06	-38.44	-52.66	<b>-184.27</b>	-63.25	-9.20	-28.65	-22.06	-49.80	<b>-172.95</b>
<b>OPEC</b>												
Production	71.99	42.13	124.73	94.42	33.88	<b>367.15</b>	87.15	48.05	139.43	102.21	35.83	<b>412.67</b>
Consumption	13.85	41.65	77.71	52.47	38.76	<b>224.44</b>	19.35	48.22	85.80	57.10	45.24	<b>255.71</b>
Balance	58.14	0.48	47.02	41.95	-4.88	<b>142.72</b>	67.80	-0.17	53.63	45.11	-9.41	<b>156.96</b>

(\*) Data source: Parpinelli TECNON.

2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
												<b>World</b>
469.59	915.62	1,485.89	540.45	478.83	<b>3,890.38</b>	509.59	963.77	1,533.89	456.71	466.94	<b>3,930.90</b>	Production
460.27	916.35	1,449.53	523.85	550.49	<b>3,900.48</b>	503.25	964.42	1,508.21	450.50	506.16	<b>3,932.53</b>	Consumption
9.32	-0.73	36.36	16.60	-71.66	<b>-10.10</b>	6.34	-0.64	25.68	6.20	-39.22	<b>-1.63</b>	Balance
												<b>High Income Countries</b>
269.20	656.89	915.84	253.50	275.76	<b>2,371.20</b>	261.67	657.27	868.87	178.25	238.19	<b>2,204.25</b>	Production
291.25	642.65	881.27	300.76	342.00	<b>2,457.93</b>	291.82	626.40	827.61	259.16	274.15	<b>2,279.14</b>	Consumption
-22.05	14.25	34.57	-47.26	-66.24	<b>-86.73</b>	-30.15	30.87	41.25	-80.90	-35.96	<b>-74.88</b>	Balance
												<b>Upper Middle Income Countries</b>
104.43	151.01	272.88	190.64	86.97	<b>805.94</b>	112.80	166.06	286.69	186.10	87.92	<b>839.57</b>	Production
75.09	151.99	226.64	106.17	88.72	<b>648.61</b>	79.40	180.28	261.94	84.62	87.72	<b>693.96</b>	Consumption
29.35	-0.98	46.24	84.47	-1.75	<b>157.33</b>	33.40	-14.22	24.75	101.48	0.21	<b>145.61</b>	Balance
												<b>Lower Middle Income Countries</b>
91.78	106.22	294.19	95.17	115.02	<b>702.39</b>	130.29	139.31	375.56	91.49	139.68	<b>876.32</b>	Production
92.72	113.92	318.39	111.88	117.23	<b>754.13</b>	130.47	148.28	391.80	101.73	141.59	<b>913.87</b>	Consumption
-0.94	-7.70	-24.19	-16.71	-2.21	<b>-51.74</b>	-0.19	-8.97	-16.24	-10.24	-1.91	<b>-37.55</b>	Balance
												<b>Low Income Countries</b>
4.18	1.49	2.97	1.14	1.08	<b>10.85</b>	4.84	1.14	2.77	0.87	1.14	<b>10.76</b>	Production
1.22	7.80	23.22	5.04	2.54	<b>39.81</b>	1.56	9.46	26.85	5.00	2.70	<b>45.56</b>	Consumption
2.96	-6.31	-20.25	-3.90	-1.46	<b>-28.96</b>	3.28	-8.32	-24.08	-4.13	-1.56	<b>-34.80</b>	Balance
												<b>International Organizations</b>
												<b>European Union</b>
75.27	147.13	306.80	87.28	67.57	<b>684.04</b>	68.16	128.75	291.67	48.14	61.48	<b>598.19</b>	Production
86.27	110.62	340.38	94.78	103.41	<b>735.46</b>	85.73	92.96	335.31	71.21	75.98	<b>661.19</b>	Consumption
-11.00	36.50	-33.58	-7.50	-35.84	<b>-51.42</b>	-17.58	35.79	-43.63	-23.07	-14.50	<b>-63.00</b>	Balance
												<b>OECD</b>
199.20	625.06	788.48	204.40	247.92	<b>2,065.06</b>	188.56	618.66	746.81	139.01	212.87	<b>1,905.91</b>	Production
269.64	634.20	832.75	229.73	313.03	<b>2,279.36</b>	257.33	614.91	767.08	163.46	229.86	<b>2,032.64</b>	Consumption
-70.44	-9.14	-44.27	-25.33	-65.12	<b>-214.29</b>	-68.77	3.75	-20.27	-24.45	-16.99	<b>-126.73</b>	Balance
												<b>OPEC</b>
98.67	53.14	149.49	101.08	42.82	<b>445.20</b>	113.21	61.72	157.71	96.03	46.78	<b>475.44</b>	Production
27.17	63.26	103.20	68.54	49.57	<b>311.73</b>	36.87	73.19	128.87	81.34	72.88	<b>393.16</b>	Consumption
71.50	-10.12	46.29	32.54	-6.75	<b>133.46</b>	76.34	-11.48	28.83	14.69	-26.10	<b>82.28</b>	Balance

## Countries (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>Europe</b>												
<b>Production</b>	<b>64.05</b>	<b>158.61</b>	<b>298.78</b>	<b>109.33</b>	<b>87.06</b>	<b>717.82</b>	<b>73.49</b>	<b>155.31</b>	<b>321.92</b>	<b>106.58</b>	<b>80.16</b>	<b>737.45</b>
<b>Consumption</b>	<b>77.80</b>	<b>147.30</b>	<b>310.10</b>	<b>145.26</b>	<b>109.92</b>	<b>790.37</b>	<b>84.82</b>	<b>141.84</b>	<b>341.19</b>	<b>114.15</b>	<b>115.64</b>	<b>797.64</b>
<b>Balance</b>	<b>-13.76</b>	<b>11.31</b>	<b>-11.31</b>	<b>-35.93</b>	<b>-22.85</b>	<b>-72.55</b>	<b>-11.33</b>	<b>13.47</b>	<b>-19.27</b>	<b>-7.57</b>	<b>-35.48</b>	<b>-60.18</b>
<b>Belgium</b>												
Production	2.23	5.26	12.06	4.42	2.41	<b>26.37</b>	2.35	5.32	14.51	7.46	4.30	<b>33.94</b>
Consumption	5.66	2.84	11.45	5.27	2.99	<b>28.21</b>	6.55	2.25	12.89	5.90	3.83	<b>31.42</b>
Balance	-3.43	2.43	0.60	-0.86	-0.58	<b>-1.83</b>	-4.20	3.07	1.62	1.56	0.47	<b>2.53</b>
<b>Czech Republic</b>												
Production	0.42	1.06	3.39	1.46	0.61	<b>6.94</b>	0.47	1.04	2.77	0.86	0.73	<b>5.87</b>
Consumption	0.54	1.64	3.66	1.29	1.01	<b>8.13</b>	0.87	1.86	3.85	0.87	0.94	<b>8.40</b>
Balance	-0.13	-0.59	-0.26	0.17	-0.40	<b>-1.20</b>	-0.41	-0.83	-1.08	-0.01	-0.21	<b>-2.52</b>
<b>France</b>												
Production	7.37	17.16	37.55	6.57	10.50	<b>79.15</b>	10.32	16.30	43.41	9.55	5.99	<b>85.57</b>
Consumption	10.90	15.68	46.37	6.95	11.88	<b>91.78</b>	11.19	13.81	51.99	6.85	11.49	<b>95.33</b>
Balance	-3.53	1.48	-8.82	-0.38	-1.38	<b>-12.62</b>	-0.87	2.49	-8.59	2.70	-5.49	<b>-9.76</b>
<b>Germany</b>												
Production	10.57	24.20	47.22	9.45	11.65	<b>103.09</b>	12.40	25.97	49.45	10.10	8.87	<b>106.80</b>
Consumption	15.61	30.16	67.31	10.33	15.27	<b>138.68</b>	17.55	28.83	64.46	7.92	15.68	<b>134.44</b>
Balance	-5.04	-5.97	-20.09	-0.89	-3.62	<b>-35.59</b>	-5.15	-2.86	-15.01	2.19	-6.80	<b>-27.64</b>
<b>Greece</b>												
Production	1.21	3.55	5.55	3.29	1.28	<b>14.87</b>	1.62	3.78	7.55	4.74	1.75	<b>19.44</b>
Consumption	0.48	2.77	7.23	5.58	1.67	<b>17.74</b>	0.45	3.28	8.39	5.71	2.09	<b>19.91</b>
Balance	0.72	0.77	-1.68	-2.29	-0.39	<b>-2.87</b>	1.17	0.50	-0.84	-0.97	-0.34	<b>-0.47</b>
<b>Italy</b>												
Production	4.84	18.63	34.95	9.44	10.85	<b>78.72</b>	4.96	18.92	40.49	10.89	12.27	<b>87.53</b>
Consumption	7.71	17.55	28.24	31.14	11.61	<b>96.25</b>	8.56	16.82	31.28	23.95	15.60	<b>96.20</b>
Balance	-2.87	1.08	6.71	-21.69	-0.75	<b>-17.53</b>	-3.60	2.10	9.21	-13.06	-3.33	<b>-8.67</b>
<b>Netherlands</b>												
Production	6.05	10.64	26.19	10.87	4.39	<b>58.13</b>	8.44	9.81	27.14	9.20	3.43	<b>58.01</b>
Consumption	5.98	4.07	11.10	9.36	10.21	<b>40.71</b>	7.06	4.03	12.22	11.63	9.68	<b>44.62</b>
Balance	0.06	6.58	15.09	1.52	-5.82	<b>17.43</b>	1.38	5.78	14.92	-2.43	-6.25	<b>13.39</b>
<b>Poland</b>												
Production	1.11	2.99	4.76	2.45	2.13	<b>13.44</b>	1.20	4.24	7.33	2.86	2.65	<b>18.27</b>
Consumption	1.60	4.39	5.45	1.76	3.28	<b>16.48</b>	2.03	5.01	7.61	1.60	4.44	<b>20.68</b>
Balance	-0.49	-1.40	-0.69	0.70	-1.15	<b>-3.03</b>	-0.83	-0.77	-0.28	1.26	-1.79	<b>-2.41</b>
<b>Portugal</b>												
Production	0.61	2.76	5.01	3.34	1.13	<b>12.85</b>	0.71	2.30	4.57	2.88	1.16	<b>11.62</b>
Consumption	2.49	1.89	3.89	4.24	1.71	<b>14.22</b>	2.56	2.13	5.74	3.77	1.97	<b>16.17</b>
Balance	-1.88	0.87	1.12	-0.90	-0.58	<b>-1.37</b>	-1.86	0.17	-1.17	-0.89	-0.81	<b>-4.55</b>
<b>Romania</b>												
Production	0.70	3.46	5.45	2.43	3.41	<b>15.44</b>	0.84	2.63	4.05	1.25	2.10	<b>10.88</b>
Consumption	0.74	1.44	3.56	4.69	2.56	<b>13.01</b>	0.76	1.34	2.93	2.68	2.30	<b>10.01</b>
Balance	-0.05	2.01	1.89	-2.26	0.84	<b>2.43</b>	0.08	1.29	1.13	-1.43	-0.20	<b>0.87</b>

(\*) Data source: Parpinelli TECNON.



2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
<b>88.85</b>	<b>165.79</b>	<b>343.39</b>	<b>108.47</b>	<b>80.27</b>	<b>786.76</b>	<b>80.69</b>	<b>144.50</b>	<b>321.17</b>	<b>59.12</b>	<b>73.14</b>	<b>678.61</b>	<b>Europe</b>
<b>95.24</b>	<b>126.60</b>	<b>379.96</b>	<b>106.26</b>	<b>117.84</b>	<b>825.90</b>	<b>94.49</b>	<b>107.62</b>	<b>378.64</b>	<b>76.69</b>	<b>89.01</b>	<b>746.44</b>	<b>Production</b>
<b>-6.39</b>	<b>39.19</b>	<b>-36.58</b>	<b>2.21</b>	<b>-37.57</b>	<b>-39.14</b>	<b>-13.80</b>	<b>36.88</b>	<b>-57.47</b>	<b>-17.57</b>	<b>-15.87</b>	<b>-67.83</b>	<b>Consumption</b>
												<b>Balance</b>
												<b>Belgium</b>
4.57	5.05	13.27	7.46	1.73	<b>32.07</b>	3.57	4.23	13.53	5.62	4.06	<b>31.00</b>	Production
7.92	1.76	13.64	8.87	3.67	<b>35.86</b>	8.42	1.16	12.25	7.27	3.75	<b>32.84</b>	Consumption
-3.35	3.28	-0.37	-1.41	-1.94	<b>-3.79</b>	-4.85	3.07	1.28	-1.64	0.30	<b>-1.84</b>	Balance
												<b>Czech Republic</b>
0.94	1.47	4.04	0.54	0.75	<b>7.75</b>	1.03	1.54	4.10	0.41	0.41	<b>7.50</b>	Production
1.29	2.06	4.93	0.50	1.12	<b>9.90</b>	1.07	1.85	5.08	0.23	0.87	<b>9.11</b>	Consumption
-0.35	-0.59	-0.89	0.04	-0.37	<b>-2.15</b>	-0.04	-0.31	-0.98	0.18	-0.46	<b>-1.61</b>	Balance
												<b>France</b>
11.05	15.80	39.97	9.63	8.92	<b>85.37</b>	9.68	12.29	34.31	3.62	6.13	<b>66.03</b>	Production
10.92	10.99	56.16	5.82	11.00	<b>94.89</b>	10.56	8.36	55.77	4.44	6.79	<b>85.91</b>	Consumption
0.13	4.81	-16.19	3.81	-2.08	<b>-9.52</b>	-0.88	3.93	-21.46	-0.82	-0.66	<b>-19.88</b>	Balance
												<b>Germany</b>
13.46	25.94	55.60	10.97	8.75	<b>114.72</b>	11.28	22.64	49.40	5.47	6.22	<b>95.00</b>	Production
19.59	23.45	61.53	8.16	13.85	<b>126.58</b>	18.73	19.88	60.03	7.25	10.72	<b>116.62</b>	Consumption
-6.14	2.50	-5.93	2.81	-5.10	<b>-11.86</b>	-7.46	2.75	-10.63	-1.78	-4.50	<b>-21.62</b>	Balance
												<b>Greece</b>
0.93	4.16	7.51	4.18	1.84	<b>18.61</b>	0.94	4.23	7.95	2.63	2.25	<b>18.00</b>	Production
0.44	3.92	9.02	5.19	2.45	<b>21.02</b>	0.41	3.90	7.77	4.22	2.40	<b>18.69</b>	Consumption
0.50	0.24	-1.52	-1.01	-0.61	<b>-2.41</b>	0.53	0.33	0.18	-1.59	-0.15	<b>-0.69</b>	Balance
												<b>Italy</b>
6.46	20.91	43.36	11.59	11.78	<b>94.10</b>	5.62	18.52	43.05	4.35	11.47	<b>83.00</b>	Production
8.74	13.85	35.60	15.43	14.38	<b>87.98</b>	7.82	10.06	35.05	8.52	10.59	<b>72.03</b>	Consumption
-2.27	7.07	7.76	-3.84	-2.60	<b>6.12</b>	-2.20	8.46	8.00	-4.17	0.88	<b>10.97</b>	Balance
												<b>Netherlands</b>
9.19	11.23	28.01	10.32	0.28	<b>59.03</b>	10.98	9.18	25.84	4.34	3.66	<b>54.00</b>	Production
9.51	4.10	13.10	15.40	8.42	<b>50.52</b>	12.30	4.20	12.83	12.76	5.43	<b>47.52</b>	Consumption
-0.31	7.13	14.92	-5.08	-8.14	<b>8.51</b>	-1.32	4.97	13.01	-8.41	-1.77	<b>6.48</b>	Balance
												<b>Poland</b>
1.33	4.10	8.11	1.83	2.79	<b>18.17</b>	2.20	4.14	11.50	2.13	2.04	<b>22.00</b>	Production
3.30	3.96	9.86	1.37	4.35	<b>22.83</b>	3.90	4.17	13.26	0.71	4.07	<b>26.12</b>	Consumption
-1.97	0.14	-1.74	0.47	-1.56	<b>-4.67</b>	-1.70	-0.04	-1.77	1.41	-2.03	<b>-4.12</b>	Balance
												<b>Portugal</b>
1.51	2.50	5.83	2.56	0.71	<b>13.11</b>	1.41	2.12	5.06	1.98	0.43	<b>11.00</b>	Production
2.30	1.81	6.49	3.20	2.63	<b>16.43</b>	2.30	1.41	6.56	1.46	1.65	<b>13.37</b>	Consumption
-0.79	0.69	-0.66	-0.64	-1.92	<b>-3.32</b>	-0.89	0.71	-1.50	0.52	-1.22	<b>-2.37</b>	Balance
												<b>Romania</b>
1.34	4.24	4.94	1.55	2.06	<b>14.13</b>	1.00	2.87	4.05	0.62	1.45	<b>10.00</b>	Production
1.20	1.71	3.20	1.46	3.08	<b>10.65</b>	0.62	1.81	4.11	0.43	1.80	<b>8.77</b>	Consumption
0.13	2.53	1.74	0.09	-1.01	<b>3.48</b>	0.38	1.07	-0.06	0.19	-0.35	<b>1.23</b>	Balance

## Countries (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>Spain</b>												
Production	4.83	9.59	20.53	11.93	8.51	<b>55.39</b>	5.68	9.96	23.74	9.29	8.42	<b>57.10</b>
Consumption	5.68	8.53	21.67	11.07	11.01	<b>57.97</b>	6.51	8.53	30.33	11.92	12.50	<b>69.79</b>
Balance	-0.85	1.05	-1.14	0.86	-2.50	<b>-2.58</b>	-0.83	1.43	-6.59	-2.63	-4.07	<b>-12.70</b>
<b>Sweden</b>												
Production	0.19	4.10	6.85	4.88	2.16	<b>18.19</b>	0.69	4.37	8.11	5.65	1.78	<b>20.59</b>
Consumption	1.58	4.26	6.37	3.12	1.68	<b>17.00</b>	1.44	3.98	6.35	2.62	1.40	<b>15.79</b>
Balance	-1.39	-0.15	0.48	1.76	0.48	<b>1.19</b>	-0.75	0.39	1.75	3.03	0.38	<b>4.80</b>
<b>Turkey</b>												
Production	2.23	3.97	9.30	8.57	3.25	<b>27.33</b>	2.56	2.74	7.70	7.08	3.81	<b>23.89</b>
Consumption	3.94	4.33	10.03	7.33	4.59	<b>30.22</b>	6.01	3.62	10.33	7.09	5.05	<b>32.10</b>
Balance	-1.72	-0.36	-0.73	1.25	-1.33	<b>-2.89</b>	-3.45	-0.88	-2.63	-0.01	-1.24	<b>-8.20</b>
<b>Ukraine</b>												
Production	0.27	2.98	5.22	6.61	2.30	<b>17.39</b>	0.43	2.00	3.24	2.77	1.12	<b>9.55</b>
Consumption	2.35	4.36	6.97	9.14	2.82	<b>25.63</b>	0.29	3.83	4.95	1.15	1.60	<b>11.82</b>
Balance	-2.08	-1.37	-1.75	-2.53	-0.52	<b>-8.24</b>	0.13	-1.83	-1.71	1.61	-0.48	<b>-2.27</b>
<b>United Kingdom</b>												
Production	9.53	27.45	37.37	4.29	13.38	<b>92.02</b>	9.63	23.44	37.67	5.03	12.98	<b>88.76</b>
Consumption	5.39	21.98	32.88	8.05	14.47	<b>82.77</b>	5.24	21.46	38.99	3.06	12.94	<b>81.68</b>
Balance	4.14	5.47	4.49	-3.76	-1.09	<b>9.25</b>	4.39	1.99	-1.32	1.98	0.04	<b>7.08</b>
<b>Others Europe</b>												
Production	11.90	20.81	37.37	19.32	9.09	<b>98.50</b>	11.19	22.48	40.22	16.96	8.79	<b>99.64</b>
Consumption	7.15	21.41	43.92	25.94	13.17	<b>111.59</b>	7.75	21.08	48.88	17.43	14.15	<b>109.29</b>
Balance	4.75	-0.59	-6.55	-6.62	-4.08	<b>-13.09</b>	3.44	1.41	-8.67	-0.47	-5.36	<b>-9.64</b>
<b>Russia and Central Asia</b>												
<b>Production</b>	<b>11.33</b>	<b>33.02</b>	<b>66.91</b>	<b>75.40</b>	<b>30.48</b>	<b>217.14</b>	<b>17.07</b>	<b>31.87</b>	<b>67.82</b>	<b>62.83</b>	<b>32.26</b>	<b>211.85</b>
<b>Consumption</b>	<b>10.21</b>	<b>32.16</b>	<b>44.42</b>	<b>54.39</b>	<b>24.94</b>	<b>166.12</b>	<b>12.89</b>	<b>29.57</b>	<b>41.35</b>	<b>37.61</b>	<b>33.46</b>	<b>154.89</b>
<b>Balance</b>	<b>1.12</b>	<b>0.86</b>	<b>22.49</b>	<b>21.01</b>	<b>5.54</b>	<b>51.02</b>	<b>4.18</b>	<b>2.29</b>	<b>26.47</b>	<b>25.22</b>	<b>-1.21</b>	<b>56.96</b>
<b>Russia</b>												
Production	10.73	28.19	56.42	64.48	26.29	<b>186.10</b>	16.21	27.19	58.05	53.35	29.14	<b>183.93</b>
Consumption	9.70	26.16	34.94	42.87	21.86	<b>135.53</b>	12.25	23.29	33.77	29.18	29.79	<b>128.28</b>
Balance	1.03	2.03	21.48	21.61	4.43	<b>50.57</b>	3.96	3.89	24.28	24.17	-0.66	<b>55.65</b>
<b>Kazakhstan</b>												
Production	0.22	2.18	3.88	3.46	1.99	<b>11.73</b>	0.36	1.26	2.23	2.13	0.60	<b>6.57</b>
Consumption	0.27	2.18	4.41	3.27	0.80	<b>10.93</b>	0.23	2.35	2.96	1.55	0.88	<b>7.98</b>
Balance	-0.05	0.00	-0.53	0.19	1.19	<b>0.79</b>	0.13	-1.10	-0.73	0.58	-0.29	<b>-1.41</b>
<b>Others Central Asia</b>												
Production	0.39	2.66	6.61	7.46	2.20	<b>19.31</b>	0.50	3.42	7.55	7.35	2.52	<b>21.35</b>
Consumption	0.24	3.82	5.07	8.25	2.28	<b>19.65</b>	0.41	3.93	4.63	6.88	2.79	<b>18.63</b>
Balance	0.15	-1.16	1.54	-0.79	-0.08	<b>-0.34</b>	0.09	-0.50	2.92	0.47	-0.26	<b>2.72</b>

(\*) Data source: Parpinelli TECNON.

2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
												Spain
5.67	9.50	26.93	10.51	6.90	59.50	5.52	8.38	26.21	3.81	7.58	51.50	Production
6.48	7.45	39.68	13.54	13.90	81.04	6.64	5.75	38.34	10.47	10.76	71.96	Consumption
-0.81	2.05	-12.75	-3.03	-7.00	-21.54	-1.12	2.64	-12.13	-6.66	-3.19	-20.46	Balance
												Sweden
0.71	4.27	6.94	5.58	3.05	20.55	0.55	4.38	7.87	4.84	2.37	20.00	Production
1.53	4.07	5.81	3.22	2.59	17.21	1.26	3.81	5.76	2.90	2.24	15.96	Consumption
-0.82	0.20	1.13	2.36	0.47	3.34	-0.71	0.57	2.11	1.94	0.13	4.04	Balance
												Turkey
2.25	3.61	9.58	6.31	4.13	25.89	1.25	3.42	7.19	2.72	3.92	18.50	Production
5.28	2.67	12.55	5.77	5.15	31.42	4.79	1.83	15.55	0.95	4.98	28.09	Consumption
-3.03	0.94	-2.97	0.54	-1.02	-5.54	-3.54	1.59	-8.35	1.78	-1.06	-9.59	Balance
												Ukraine
0.90	4.61	6.85	5.87	1.29	19.52	0.96	2.87	4.30	2.42	0.51	11.06	Production
0.60	4.76	5.75	0.62	2.32	14.05	0.79	5.16	5.39	0.67	1.52	13.51	Consumption
0.29	-0.15	1.09	5.25	-1.02	5.46	0.17	-2.28	-1.08	1.75	-1.01	-2.45	Balance
												United Kingdom
12.56	22.62	36.66	3.52	12.40	87.76	9.08	19.90	33.47	2.46	9.16	74.07	Production
6.62	18.78	43.48	3.13	12.46	84.47	5.31	14.96	41.82	3.10	7.87	73.06	Consumption
5.94	3.84	-6.82	0.39	-0.06	3.29	3.77	4.94	-8.35	-0.64	1.29	1.01	Balance
												Others Europe
15.97	25.79	45.79	16.05	12.88	116.49	15.63	23.79	43.33	11.71	11.48	105.94	Production
9.52	21.27	59.17	14.59	16.50	121.04	9.58	19.31	59.08	11.33	13.57	112.87	Consumption
6.46	4.53	-13.38	1.46	-3.61	-4.55	6.05	4.48	-15.75	0.37	-2.09	-6.93	Balance
						Russia and Central Asia						
28.06	38.03	81.80	72.08	30.35	250.33	33.03	43.67	95.45	80.25	38.42	290.81	Production
16.30	33.35	44.25	27.46	32.68	154.04	17.36	42.05	49.83	13.99	34.87	158.09	Consumption
11.76	4.68	37.55	44.62	-2.32	96.29	15.67	1.62	45.62	66.26	3.55	132.72	Balance
												Russia
25.78	32.05	70.11	62.37	27.10	217.40	29.99	36.05	81.76	73.28	33.94	255.02	Production
15.49	26.30	35.96	20.00	28.33	126.07	16.46	32.49	40.09	8.66	30.03	127.73	Consumption
10.30	5.75	34.15	42.37	-1.23	91.33	13.53	3.56	41.67	64.62	3.91	127.29	Balance
												Kazakhstan
1.13	2.36	4.12	3.82	1.11	12.54	1.61	2.92	4.93	3.80	0.78	14.04	Production
0.30	2.42	3.19	2.26	1.39	9.56	0.39	3.82	3.74	2.83	1.66	12.43	Consumption
0.83	-0.06	0.93	1.56	-0.28	2.98	1.22	-0.90	1.20	0.97	-0.88	1.61	Balance
												Others Central Asia
1.15	3.63	7.57	5.90	2.14	20.39	1.43	4.70	8.76	3.17	3.70	21.76	Production
0.52	4.64	5.10	5.20	2.96	18.41	0.51	5.74	6.00	2.50	3.18	17.93	Consumption
0.63	-1.01	2.48	0.69	-0.81	1.98	0.92	-1.04	2.76	0.67	0.52	3.83	Balance

## Countries (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>Middle East</b>												
<b>Production</b>	<b>57.19</b>	<b>31.26</b>	<b>106.08</b>	<b>78.65</b>	<b>25.21</b>	<b>298.38</b>	<b>65.80</b>	<b>34.66</b>	<b>121.33</b>	<b>85.71</b>	<b>28.40</b>	<b>335.90</b>
<b>Consumption</b>	<b>10.60</b>	<b>30.50</b>	<b>72.79</b>	<b>56.07</b>	<b>32.98</b>	<b>202.93</b>	<b>16.61</b>	<b>36.34</b>	<b>81.29</b>	<b>62.03</b>	<b>38.68</b>	<b>234.95</b>
<b>Balance</b>	<b>46.60</b>	<b>0.76</b>	<b>33.30</b>	<b>22.58</b>	<b>-7.78</b>	<b>95.45</b>	<b>49.19</b>	<b>-1.68</b>	<b>40.04</b>	<b>23.68</b>	<b>-10.27</b>	<b>100.95</b>
<b>Iran</b>												
Production	4.54	7.61	24.57	20.56	6.20	<b>63.47</b>	6.10	9.82	30.33	27.07	6.42	<b>79.74</b>
Consumption	2.74	8.44	27.69	14.00	5.39	<b>58.26</b>	4.26	11.53	29.08	14.41	4.87	<b>64.14</b>
Balance	1.80	-0.83	-3.12	6.56	0.81	<b>5.22</b>	1.84	-1.71	1.25	12.66	1.56	<b>15.60</b>
<b>Iraq</b>												
Production	1.19	2.99	8.30	6.48	5.12	<b>24.08</b>	1.32	3.89	10.80	8.38	5.40	<b>29.78</b>
Consumption	1.19	2.99	6.73	6.58	4.68	<b>22.16</b>	1.32	3.24	7.82	7.86	5.48	<b>25.72</b>
Balance	0.00	0.00	1.58	-0.10	0.44	<b>1.92</b>	0.00	0.65	2.98	0.52	-0.09	<b>4.06</b>
<b>Kuwait</b>												
Production	10.35	1.90	18.32	10.06	4.17	<b>44.80</b>	9.99	1.37	17.08	8.59	4.93	<b>41.95</b>
Consumption	0.08	1.47	0.99	3.88	2.29	<b>8.71</b>	0.09	1.70	0.99	5.46	4.62	<b>12.85</b>
Balance	10.27	0.43	17.33	6.18	1.89	<b>36.09</b>	9.90	-0.33	16.09	3.14	0.31	<b>29.10</b>
<b>Saudi Arabia</b>												
Production	27.25	9.97	29.58	24.03	5.05	<b>95.87</b>	27.20	11.81	35.04	24.77	6.24	<b>105.05</b>
Consumption	3.88	8.93	17.64	7.35	16.37	<b>54.17</b>	6.75	10.22	20.88	11.56	18.82	<b>68.23</b>
Balance	23.37	1.04	11.94	16.68	-11.32	<b>41.70</b>	20.44	1.59	14.17	13.20	-12.58	<b>36.82</b>
<b>United Arab Emirates</b>												
Production	7.56	1.57	5.94	1.95	0.48	<b>17.50</b>	13.19	1.27	7.82	2.03	0.74	<b>25.05</b>
Consumption	0.52	1.47	6.14	12.78	0.28	<b>21.18</b>	0.70	1.95	6.28	10.82	0.34	<b>20.09</b>
Balance	7.04	0.10	-0.19	-10.83	0.20	<b>-3.69</b>	12.50	-0.68	1.54	-8.79	0.41	<b>4.96</b>
<b>Others Middle East</b>												
Production	6.32	7.22	19.37	15.58	4.18	<b>52.67</b>	8.00	6.50	20.27	14.88	4.67	<b>54.32</b>
Consumption	2.19	7.20	13.60	11.49	3.97	<b>38.46</b>	3.49	7.70	16.24	11.92	4.55	<b>43.91</b>
Balance	4.13	0.02	5.77	4.09	0.21	<b>14.21</b>	4.51	-1.20	4.03	2.96	0.12	<b>10.41</b>
<b>Africa</b>												
<b>Production</b>	<b>16.83</b>	<b>19.84</b>	<b>42.70</b>	<b>36.50</b>	<b>2.95</b>	<b>118.82</b>	<b>25.37</b>	<b>17.60</b>	<b>43.93</b>	<b>34.81</b>	<b>3.38</b>	<b>125.09</b>
<b>Consumption</b>	<b>5.83</b>	<b>22.46</b>	<b>42.48</b>	<b>24.58</b>	<b>3.44</b>	<b>98.79</b>	<b>7.98</b>	<b>24.17</b>	<b>51.27</b>	<b>20.65</b>	<b>3.85</b>	<b>107.91</b>
<b>Balance</b>	<b>11.00</b>	<b>-2.62</b>	<b>0.22</b>	<b>11.91</b>	<b>-0.49</b>	<b>20.03</b>	<b>17.39</b>	<b>-6.57</b>	<b>-7.34</b>	<b>14.16</b>	<b>-0.47</b>	<b>17.17</b>
<b>Algeria</b>												
Production	8.48	2.55	7.86	5.30	0.84	<b>25.02</b>	13.77	2.11	7.59	5.53	1.68	<b>30.67</b>
Consumption	1.51	2.06	3.48	0.28	1.79	<b>9.11</b>	1.71	1.90	4.11	0.19	1.92	<b>9.84</b>
Balance	6.98	0.49	4.38	5.02	-0.95	<b>15.91</b>	12.06	0.20	3.47	5.33	-0.24	<b>20.83</b>
<b>Egypt</b>												
Production	3.85	2.03	7.81	12.07	2.40	<b>28.16</b>	4.14	2.34	7.51	10.56	2.64	<b>27.18</b>
Consumption	1.42	1.95	7.94	9.57	2.38	<b>23.26</b>	2.56	2.36	10.02	8.86	2.41	<b>26.20</b>
Balance	2.43	0.08	-0.13	2.50	0.02	<b>4.90</b>	1.58	-0.02	-2.52	1.70	0.23	<b>0.98</b>
<b>Libya</b>												
Production	2.63	1.27	5.84	6.64	0.83	<b>17.22</b>	3.46	0.98	6.70	5.72	0.84	<b>17.70</b>
Consumption	0.86	1.68	2.86	3.07	0.86	<b>9.33</b>	1.12	1.91	4.34	2.74	0.91	<b>11.03</b>
Balance	1.77	-0.41	2.98	3.58	-0.03	<b>7.89</b>	2.34	-0.94	2.36	2.98	-0.07	<b>6.67</b>
<b>Nigeria</b>												
Production	0.11	2.19	3.04	1.95	1.19	<b>8.49</b>	1.39	0.97	1.71	1.38	0.73	<b>6.19</b>
Consumption	0.03	4.13	4.28	1.70	1.08	<b>11.22</b>	0.04	4.64	3.85	0.31	1.12	<b>9.96</b>
Balance	0.08	-1.94	-1.24	0.25	0.11	<b>-2.73</b>	1.35	-3.67	-2.14	1.08	-0.39	<b>-3.77</b>

(\*) Data source: Parpinelli TECNON.

2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
												<b>Middle East</b>
<b>78.89</b>	<b>40.39</b>	<b>131.44</b>	<b>81.31</b>	<b>32.49</b>	<b>364.51</b>	<b>90.52</b>	<b>50.25</b>	<b>142.11</b>	<b>76.80</b>	<b>42.23</b>	<b>401.92</b>	<b>Production</b>
<b>24.08</b>	<b>48.73</b>	<b>95.29</b>	<b>70.54</b>	<b>43.39</b>	<b>282.03</b>	<b>33.13</b>	<b>57.08</b>	<b>115.95</b>	<b>80.26</b>	<b>68.26</b>	<b>354.67</b>	<b>Consumption</b>
<b>54.82</b>	<b>-8.34</b>	<b>36.14</b>	<b>10.77</b>	<b>-10.90</b>	<b>82.48</b>	<b>57.39</b>	<b>-6.82</b>	<b>26.16</b>	<b>-3.46</b>	<b>-26.03</b>	<b>47.25</b>	<b>Balance</b>
												<b>Iran</b>
8.34	11.17	31.27	25.98	5.16	<b>81.92</b>	13.95	13.88	33.96	24.69	10.38	<b>96.86</b>	Production
6.00	18.08	31.21	13.25	5.70	<b>74.23</b>	9.24	17.86	34.61	18.17	11.35	<b>91.23</b>	Consumption
2.33	-6.91	0.06	12.74	-0.53	<b>7.69</b>	4.70	-3.98	-0.64	6.52	-0.97	<b>5.64</b>	Balance
												<b>Iraq</b>
1.01	2.56	7.11	5.52	3.51	<b>19.71</b>	1.42	3.34	8.60	8.37	3.42	<b>25.15</b>	Production
1.39	3.46	9.98	7.53	5.39	<b>27.75</b>	1.85	4.14	12.92	10.34	6.02	<b>35.27</b>	Consumption
-0.39	-0.90	-2.86	-2.01	-1.88	<b>-8.04</b>	-0.43	-0.80	-4.32	-1.97	-2.60	<b>-10.12</b>	Balance
												<b>Kuwait</b>
10.53	2.80	19.66	9.11	6.86	<b>48.96</b>	10.33	2.80	19.76	10.06	6.52	<b>49.46</b>	Production
0.12	2.10	1.71	9.12	5.40	<b>18.44</b>	0.93	2.47	3.46	8.90	5.98	<b>21.74</b>	Consumption
10.42	0.70	17.95	-0.01	1.46	<b>30.52</b>	9.40	0.33	16.30	1.15	0.54	<b>27.71</b>	Balance
												<b>Saudi Arabia</b>
34.04	13.45	41.86	26.88	9.27	<b>125.50</b>	31.10	17.34	41.48	22.32	12.99	<b>125.22</b>	Production
11.27	12.80	25.22	16.75	19.66	<b>85.69</b>	15.41	18.15	34.12	17.96	34.72	<b>120.36</b>	Consumption
22.78	0.65	16.64	10.14	-10.38	<b>39.81</b>	15.69	-0.81	7.36	4.36	-21.73	<b>4.86</b>	Balance
												<b>United Arab Emirates</b>
14.68	1.87	9.67	1.30	1.86	<b>29.36</b>	14.59	2.06	9.84	1.76	2.39	<b>30.63</b>	Production
1.25	3.22	7.85	13.18	1.15	<b>26.65</b>	1.49	4.01	9.51	15.74	1.82	<b>32.56</b>	Consumption
13.43	-1.36	1.81	-11.88	0.71	<b>2.72</b>	13.11	-1.95	0.33	-13.98	0.57	<b>-1.93</b>	Balance
												<b>Others Middle East</b>
10.29	8.54	21.87	12.52	5.83	<b>59.05</b>	19.14	10.83	28.47	9.61	6.54	<b>74.60</b>	Production
4.05	9.07	19.33	10.72	6.10	<b>49.27</b>	4.21	10.45	21.33	9.16	8.37	<b>53.51</b>	Consumption
6.24	-0.53	2.54	1.79	-0.28	<b>9.77</b>	14.93	0.38	7.15	0.45	-1.83	<b>21.09</b>	Balance
												<b>Africa</b>
<b>27.15</b>	<b>19.67</b>	<b>49.61</b>	<b>37.27</b>	<b>5.97</b>	<b>139.68</b>	<b>30.99</b>	<b>20.02</b>	<b>46.01</b>	<b>32.01</b>	<b>4.96</b>	<b>133.99</b>	<b>Production</b>
<b>10.19</b>	<b>28.34</b>	<b>61.36</b>	<b>23.77</b>	<b>6.61</b>	<b>130.25</b>	<b>12.86</b>	<b>32.24</b>	<b>72.53</b>	<b>23.49</b>	<b>6.18</b>	<b>147.29</b>	<b>Consumption</b>
<b>16.96</b>	<b>-8.66</b>	<b>-11.74</b>	<b>13.51</b>	<b>-0.64</b>	<b>9.43</b>	<b>18.13</b>	<b>-12.22</b>	<b>-26.52</b>	<b>8.52</b>	<b>-1.22</b>	<b>-13.31</b>	<b>Balance</b>
												<b>Algeria</b>
12.80	2.06	7.03	5.06	1.53	<b>28.46</b>	15.39	2.87	8.63	5.80	1.27	<b>33.96</b>	Production
1.87	1.78	6.17	0.31	1.55	<b>11.67</b>	2.18	2.38	8.43	0.24	1.74	<b>14.97</b>	Consumption
10.93	0.28	0.86	4.74	-0.02	<b>16.79</b>	13.21	0.49	0.21	5.56	-0.47	<b>19.00</b>	Balance
												<b>Egypt</b>
4.83	3.38	10.59	10.97	3.33	<b>33.09</b>	4.69	4.49	11.17	9.84	2.92	<b>33.11</b>	Production
3.69	2.95	10.80	10.45	3.01	<b>30.90</b>	4.68	4.66	12.86	9.33	2.77	<b>34.29</b>	Consumption
1.14	0.43	-0.21	0.52	0.32	<b>2.20</b>	0.01	-0.17	-1.69	0.51	0.15	<b>-1.18</b>	Balance
												<b>Libya</b>
3.83	0.80	5.60	6.49	0.66	<b>17.38</b>	3.84	0.99	5.43	6.37	0.53	<b>17.15</b>	Production
1.32	2.33	5.16	2.97	0.90	<b>12.68</b>	1.44	3.02	6.08	4.05	0.83	<b>15.42</b>	Consumption
2.51	-1.53	0.44	3.51	-0.23	<b>4.70</b>	2.40	-2.02	-0.65	2.32	-0.31	<b>1.73</b>	Balance
												<b>Nigeria</b>
2.66	1.74	3.43	2.86	1.15	<b>11.84</b>	3.47	0.56	1.26	0.82	0.98	<b>7.08</b>	Production
0.02	6.37	4.02	0.65	1.24	<b>12.30</b>	0.20	4.95	2.42	0.59	0.67	<b>8.84</b>	Consumption
2.64	-4.64	-0.59	2.21	-0.09	<b>-0.46</b>	3.27	-4.39	-1.16	0.22	0.31	<b>-1.75</b>	Balance

## Countries (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>South Africa</b>												
Production	0.31	8.74	8.72	3.59	-3.96	<b>17.40</b>	0.36	7.98	10.17	5.34	-4.32	<b>19.52</b>
Consumption	0.30	7.51	6.78	3.37	-4.71	<b>13.27</b>	0.36	7.69	7.85	2.91	-4.97	<b>13.84</b>
Balance	0.01	1.22	1.94	0.22	0.75	<b>4.13</b>	0.00	0.28	2.32	2.43	0.65	<b>5.68</b>
<b>Others Africa</b>												
Production	1.44	3.07	9.42	6.95	1.65	<b>22.54</b>	2.26	3.23	10.25	6.29	1.81	<b>23.83</b>
Consumption	1.71	5.13	17.13	6.60	2.04	<b>32.61</b>	2.20	5.66	21.09	5.65	2.46	<b>37.05</b>
Balance	-0.27	-2.06	-7.71	0.36	-0.38	<b>-10.07</b>	0.06	-2.43	-10.85	0.64	-0.64	<b>-13.22</b>
<b>Asia - Pacific</b>												
<b>Production</b>	<b>74.24</b>	<b>118.84</b>	<b>291.53</b>	<b>159.89</b>	<b>91.94</b>	<b>736.42</b>	<b>114.12</b>	<b>146.39</b>	<b>379.83</b>	<b>143.63</b>	<b>128.20</b>	<b>912.18</b>
<b>Consumption</b>	<b>115.51</b>	<b>122.83</b>	<b>334.96</b>	<b>182.40</b>	<b>105.52</b>	<b>861.21</b>	<b>161.48</b>	<b>143.52</b>	<b>386.83</b>	<b>179.67</b>	<b>133.08</b>	<b>1,004.58</b>
<b>Balance</b>	<b>-41.27</b>	<b>-3.99</b>	<b>-43.43</b>	<b>-22.51</b>	<b>-13.58</b>	<b>-124.79</b>	<b>-47.36</b>	<b>2.87</b>	<b>-7.00</b>	<b>-36.03</b>	<b>-4.88</b>	<b>-92.40</b>
<b>Australia</b>												
Production	3.83	13.27	14.27	2.34	-0.80	<b>32.91</b>	3.62	13.86	16.49	1.66	1.06	<b>36.69</b>
Consumption	2.47	13.16	13.71	2.12	3.21	<b>34.68</b>	2.45	13.46	16.09	2.05	5.03	<b>39.07</b>
Balance	1.36	0.11	0.56	0.21	-4.02	<b>-1.77</b>	1.17	0.40	0.40	-0.39	-3.97	<b>-2.39</b>
<b>China</b>												
Production	7.81	30.52	43.83	25.78	36.26	<b>144.19</b>	21.23	41.35	78.65	17.59	45.87	<b>204.69</b>
Consumption	13.61	29.17	51.86	33.69	27.10	<b>155.44</b>	25.16	35.17	79.25	33.78	39.89	<b>213.25</b>
Balance	-5.81	1.34	-8.03	-7.91	9.16	<b>-11.24</b>	-3.93	6.17	-0.60	-16.19	5.98	<b>-8.56</b>
<b>India</b>												
Production	9.99	4.46	29.41	9.58	9.33	<b>62.77</b>	16.92	8.21	51.76	11.39	21.66	<b>109.94</b>
Consumption	8.20	4.68	46.92	11.25	8.18	<b>79.22</b>	18.22	6.75	55.62	12.44	16.89	<b>109.91</b>
Balance	1.79	-0.22	-17.51	-1.67	1.15	<b>-16.46</b>	-1.30	1.46	-3.86	-1.05	4.78	<b>0.03</b>
<b>Indonesia</b>												
Production	5.75	6.60	17.53	11.32	2.43	<b>43.63</b>	5.83	8.05	22.03	10.70	5.56	<b>52.17</b>
Consumption	1.03	6.78	24.57	3.84	2.85	<b>39.06</b>	3.18	9.16	31.41	5.74	3.25	<b>52.73</b>
Balance	4.73	-0.18	-7.04	7.48	-0.42	<b>4.57</b>	2.66	-1.12	-9.37	4.96	2.31	<b>-0.56</b>
<b>Japan</b>												
Production	17.21	36.64	91.17	41.30	20.57	<b>206.89</b>	17.83	41.18	91.07	34.07	23.04	<b>207.19</b>
Consumption	52.96	37.99	96.62	41.67	43.93	<b>273.16</b>	53.18	43.01	94.88	34.11	39.07	<b>264.24</b>
Balance	-35.75	-1.36	-5.45	-0.36	-23.36	<b>-66.27</b>	-35.36	-1.83	-3.80	-0.04	-16.03	<b>-57.05</b>
<b>Malaysia</b>												
Production	4.08	2.21	7.94	2.23	2.90	<b>19.36</b>	4.78	3.71	10.81	2.55	3.30	<b>25.15</b>
Consumption	1.64	4.33	7.30	3.75	0.89	<b>17.91</b>	2.45	6.09	9.58	2.66	1.62	<b>22.39</b>
Balance	2.45	-2.12	0.64	-1.52	2.01	<b>1.45</b>	2.33	-2.38	1.23	-0.10	1.68	<b>2.76</b>
<b>Singapore</b>												
Production	5.88	4.68	22.13	9.52	9.29	<b>51.50</b>	6.97	3.97	18.20	4.31	8.39	<b>41.83</b>
Consumption	2.15	0.66	4.94	15.77	3.63	<b>27.15</b>	4.74	0.67	5.55	23.02	3.24	<b>37.22</b>
Balance	3.72	4.02	17.19	-6.25	5.67	<b>24.35</b>	2.23	3.30	12.65	-18.72	5.15	<b>4.61</b>
<b>South Korea</b>												
Production	10.96	7.09	34.55	30.85	2.18	<b>85.63</b>	21.07	9.51	49.83	31.67	8.74	<b>120.80</b>
Consumption	23.44	7.01	34.81	28.70	5.78	<b>99.73</b>	32.60	7.31	30.87	24.41	10.47	<b>105.66</b>
Balance	-12.47	0.07	-0.25	2.15	-3.60	<b>-14.11</b>	-11.53	2.19	18.96	7.26	-1.73	<b>15.14</b>

(\*) Data source: Parpinelli TECNON.

2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
												<b>South Africa</b>
0.34	7.88	11.66	5.04	-2.92	<b>22.00</b>	0.32	7.80	8.70	4.00	-2.77	<b>18.06</b>	Production
0.34	8.26	9.45	2.87	-4.10	<b>16.82</b>	0.35	8.49	10.42	2.80	-4.36	<b>17.70</b>	Consumption
0.00	-0.39	2.21	2.18	1.19	<b>5.18</b>	-0.03	-0.69	-1.72	1.20	1.59	<b>0.36</b>	Balance
												<b>Others Africa</b>
2.69	3.82	11.30	6.87	2.22	<b>26.91</b>	3.28	3.30	10.82	5.19	2.03	<b>24.63</b>	Production
2.96	6.64	25.75	6.52	4.02	<b>45.88</b>	4.01	8.75	32.33	6.48	4.52	<b>56.08</b>	Consumption
-0.26	-2.82	-14.45	0.35	-1.80	<b>-18.97</b>	-0.72	-5.44	-21.50	-1.29	-2.50	<b>-31.45</b>	Balance
												<b>Asia - Pacific</b>
<b>146.13</b>	<b>171.99</b>	<b>453.10</b>	<b>131.18</b>	<b>152.10</b>	<b>1,054.50</b>	<b>175.17</b>	<b>213.00</b>	<b>522.94</b>	<b>103.22</b>	<b>177.19</b>	<b>1,191.52</b>	Production
<b>199.00</b>	<b>170.79</b>	<b>439.08</b>	<b>175.85</b>	<b>162.52</b>	<b>1,147.23</b>	<b>241.28</b>	<b>199.85</b>	<b>485.44</b>	<b>155.99</b>	<b>181.27</b>	<b>1,263.84</b>	Consumption
<b>-52.87</b>	<b>1.20</b>	<b>14.02</b>	<b>-44.67</b>	<b>-10.41</b>	<b>-92.74</b>	<b>-66.11</b>	<b>13.15</b>	<b>37.51</b>	<b>-52.77</b>	<b>-4.09</b>	<b>-72.32</b>	Balance
												<b>Australia</b>
3.09	12.27	15.62	0.88	1.92	<b>33.78</b>	3.46	11.54	12.07	0.67	1.98	<b>29.72</b>	Production
2.03	14.17	18.33	1.91	4.98	<b>41.42</b>	2.16	13.86	21.03	1.86	4.20	<b>43.12</b>	Consumption
1.06	-1.90	-2.71	-1.03	-3.06	<b>-7.65</b>	1.29	-2.32	-8.97	-1.19	-2.22	<b>-13.40</b>	Balance
												<b>China</b>
37.75	55.60	125.46	15.12	58.21	<b>292.14</b>	63.08	75.13	178.07	15.26	77.53	<b>409.07</b>	Production
42.27	49.80	125.04	40.08	57.86	<b>315.06</b>	67.42	69.80	173.85	28.20	70.81	<b>410.08</b>	Consumption
-4.52	5.80	0.42	-24.96	0.34	<b>-22.92</b>	-4.34	5.33	4.22	-12.94	6.72	<b>-1.02</b>	Balance
												<b>India</b>
21.53	10.56	62.94	14.37	25.65	<b>135.05</b>	28.06	22.38	89.42	18.82	33.96	<b>192.64</b>	Production
22.75	8.53	52.15	12.90	24.07	<b>120.40</b>	24.63	14.11	72.86	13.69	35.72	<b>161.01</b>	Consumption
-1.22	2.03	10.79	1.47	1.58	<b>14.65</b>	3.43	8.27	16.56	5.13	-1.77	<b>31.63</b>	Balance
												<b>Indonesia</b>
4.89	7.85	21.64	8.52	6.67	<b>49.56</b>	5.94	7.46	19.17	7.45	6.22	<b>46.24</b>	Production
3.25	12.89	32.24	4.71	3.63	<b>56.73</b>	5.95	15.06	27.41	3.89	3.27	<b>55.58</b>	Consumption
1.64	-5.05	-10.60	3.81	3.04	<b>-7.16</b>	0.00	-7.60	-8.24	3.55	2.95	<b>-9.33</b>	Balance
												<b>Japan</b>
20.63	41.51	90.37	30.36	22.73	<b>205.61</b>	18.51	43.57	76.35	20.41	18.17	<b>177.00</b>	Production
51.94	44.74	89.16	30.94	39.57	<b>256.35</b>	48.47	42.48	66.65	20.22	32.08	<b>209.90</b>	Consumption
-31.31	-3.22	1.21	-0.58	-16.84	<b>-50.74</b>	-29.96	1.09	9.70	0.19	-13.92	<b>-32.90</b>	Balance
												<b>Malaysia</b>
7.10	4.04	12.17	1.79	3.17	<b>28.27</b>	7.65	4.98	12.76	1.08	4.14	<b>30.61</b>	Production
4.95	7.82	11.01	2.27	2.03	<b>28.08</b>	5.05	8.25	11.83	2.28	2.37	<b>29.78</b>	Consumption
2.15	-3.78	1.16	-0.48	1.14	<b>0.20</b>	2.60	-3.27	0.93	-1.20	1.77	<b>0.83</b>	Balance

## Countries (\*)

(million tons)

	1995						2000					
	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL
<b>Taiwan</b>												
Production	4.17	4.05	6.73	12.19	3.31	<b>30.45</b>	5.66	5.38	8.86	14.07	4.18	<b>38.15</b>
Consumption	5.35	5.96	6.58	14.65	2.99	<b>35.52</b>	7.73	7.07	7.94	15.85	4.23	<b>42.83</b>
Balance	-1.18	-1.91	0.15	-2.46	0.32	<b>-5.07</b>	-2.07	-1.69	0.91	-1.78	-0.05	<b>-4.68</b>
<b>Thailand</b>												
Production	2.06	4.07	11.07	5.66	2.87	<b>25.73</b>	6.79	5.85	17.47	5.98	2.18	<b>38.26</b>
Consumption	2.29	4.66	15.88	9.53	2.70	<b>35.06</b>	8.26	5.01	15.54	6.02	5.06	<b>39.88</b>
Balance	-0.23	-0.59	-4.81	-3.87	0.17	<b>-9.33</b>	-1.47	0.84	1.93	-0.04	-2.88	<b>-1.62</b>
<b>Others Asia - Pacific</b>												
Production	2.50	5.25	12.90	9.11	3.62	<b>33.37</b>	3.43	5.35	14.66	9.64	4.23	<b>37.31</b>
Consumption	2.39	8.42	31.77	17.43	4.26	<b>64.27</b>	3.52	9.82	40.10	19.60	4.34	<b>77.39</b>
Balance	0.11	-3.17	-18.87	-8.32	-0.65	<b>-30.89</b>	-0.09	-4.48	-25.44	-9.96	-0.12	<b>-40.08</b>
<b>Americas</b>												
<b>Production</b>	<b>100.20</b>	<b>427.71</b>	<b>335.15</b>	<b>115.10</b>	<b>177.23</b>	<b>1,155.40</b>	<b>113.50</b>	<b>457.74</b>	<b>384.41</b>	<b>119.31</b>	<b>193.95</b>	<b>1,268.91</b>
<b>Consumption</b>	<b>100.81</b>	<b>433.33</b>	<b>337.84</b>	<b>114.80</b>	<b>171.79</b>	<b>1,158.56</b>	<b>118.29</b>	<b>469.11</b>	<b>395.83</b>	<b>123.57</b>	<b>189.00</b>	<b>1,295.79</b>
<b>Balance</b>	<b>-0.62</b>	<b>-5.62</b>	<b>-2.68</b>	<b>0.31</b>	<b>5.44</b>	<b>-3.16</b>	<b>-4.79</b>	<b>-11.37</b>	<b>-11.43</b>	<b>-4.26</b>	<b>4.96</b>	<b>-26.88</b>
<b>Argentina</b>												
Production	2.83	5.68	9.64	1.78	4.46	<b>24.39</b>	3.76	5.62	12.03	1.62	4.86	<b>27.89</b>
Consumption	1.67	4.85	10.35	1.36	5.99	<b>24.22</b>	1.94	3.54	11.54	1.03	8.39	<b>26.44</b>
Balance	1.16	0.83	-0.71	0.42	-1.52	<b>0.17</b>	1.83	2.08	0.49	0.59	-3.53	<b>1.45</b>
<b>Brazil</b>												
Production	8.76	21.82	24.50	10.79	-2.86	<b>63.01</b>	11.87	23.28	28.90	16.53	1.41	<b>82.00</b>
Consumption	13.31	21.16	28.40	11.47	-1.39	<b>72.95</b>	17.44	21.66	34.76	13.28	5.16	<b>92.30</b>
Balance	-4.55	0.66	-3.90	-0.68	-1.47	<b>-9.94</b>	-5.57	1.62	-5.85	3.25	-3.75	<b>-10.30</b>
<b>Canada</b>												
Production	13.05	28.48	29.53	5.39	9.61	<b>86.04</b>	13.90	31.86	34.02	6.28	13.60	<b>99.66</b>
Consumption	7.77	25.85	25.64	5.40	15.75	<b>80.41</b>	7.28	28.37	29.94	6.34	19.67	<b>91.59</b>
Balance	5.28	2.62	3.89	-0.01	-6.14	<b>5.63</b>	6.63	3.49	4.08	-0.07	-6.06	<b>8.07</b>
<b>Mexico</b>												
Production	9.71	17.58	15.03	20.38	14.98	<b>77.68</b>	9.69	16.54	15.20	21.43	14.33	<b>77.19</b>
Consumption	8.68	20.02	14.60	22.05	11.56	<b>76.92</b>	10.54	22.07	18.13	27.66	10.03	<b>88.43</b>
Balance	1.03	-2.45	0.43	-1.66	3.41	<b>0.77</b>	-0.85	-5.53	-2.93	-6.23	4.30	<b>-11.23</b>
<b>United States</b>												
Production	53.78	324.17	205.53	37.14	129.23	<b>749.84</b>	60.04	344.43	237.71	32.84	134.61	<b>809.63</b>
Consumption	61.80	334.28	225.09	49.42	123.68	<b>794.26</b>	72.18	364.41	264.27	48.12	125.82	<b>874.79</b>
Balance	-8.03	-10.11	-19.56	-12.27	5.55	<b>-44.42</b>	-12.13	-19.98	-26.56	-15.28	8.79	<b>-65.16</b>
<b>Venezuela</b>												
Production	7.61	10.30	17.75	13.00	8.38	<b>57.04</b>	7.40	13.79	18.63	13.48	7.01	<b>60.30</b>
Consumption	2.41	8.67	4.49	1.40	4.54	<b>21.50</b>	2.25	9.05	4.46	2.14	5.32	<b>23.22</b>
Balance	5.20	1.63	13.26	11.60	3.84	<b>35.54</b>	5.15	4.75	14.17	11.33	1.69	<b>37.09</b>
<b>Others America</b>												
Production	4.46	19.69	33.18	26.63	13.44	<b>97.40</b>	6.83	22.22	37.93	27.14	18.13	<b>112.25</b>
Consumption	5.17	18.50	29.27	23.72	11.66	<b>88.31</b>	6.67	20.02	32.74	24.99	14.61	<b>99.04</b>
Balance	-0.71	1.20	3.91	2.92	1.78	<b>9.09</b>	0.16	2.20	5.18	2.15	3.52	<b>13.21</b>

(\*) Data source: Parpinelli TECNON.



2005						2010						
LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	LPG/ Naphtha	Gasoline	Middle Distillates	Fuel Oil	Other Products	TOTAL	
												Taiwan
6.89	11.25	17.44	10.91	8.03	54.51	5.69	11.32	18.84	5.53	8.62	50.00	Production
13.60	7.90	8.47	10.72	5.11	45.80	18.37	7.44	8.08	7.17	4.04	45.09	Consumption
-6.71	3.35	8.97	0.18	2.92	8.70	-12.68	3.88	10.76	-1.63	4.58	4.91	Balance
												Thailand
9.81	6.73	21.34	5.58	4.05	47.50	12.97	6.83	25.46	3.84	2.94	52.05	Production
9.64	5.42	20.05	5.50	8.43	49.03	14.25	5.80	19.82	3.77	8.80	52.43	Consumption
0.17	1.31	1.29	0.07	-4.38	-1.53	-1.28	1.03	5.64	0.08	-5.86	-0.38	Balance
												Others Asia - Pacific
6.11	5.29	14.24	8.27	3.90	37.80	7.18	7.12	16.77	9.00	4.13	44.20	Production
4.71	11.83	45.76	18.96	3.91	85.17	5.65	14.20	47.57	22.92	4.55	94.89	Consumption
1.40	-6.54	-31.53	-10.69	-0.01	-47.37	1.53	-7.07	-30.80	-13.92	-0.43	-50.69	Balance
												Americas
100.52	479.75	426.55	110.14	177.65	1,294.60	99.18	492.34	406.22	105.32	131.01	1,234.05	Production
115.46	508.55	429.59	119.97	187.46	1,361.02	104.13	525.58	405.83	100.09	126.57	1,262.20	Consumption
-14.94	-28.80	-3.03	-9.83	-9.81	-66.42	-4.95	-33.25	0.39	5.22	4.44	-28.15	Balance
												Argentina
5.18	5.02	12.46	2.56	5.38	30.61	4.69	4.95	11.68	2.92	5.96	30.20	Production
2.07	3.14	11.69	1.91	8.28	27.08	2.04	4.76	12.20	2.55	8.16	29.70	Consumption
3.11	1.89	0.78	0.66	-2.91	3.53	2.65	0.20	-0.51	0.37	-2.20	0.50	Balance
												Brazil
12.29	25.73	34.95	15.09	0.45	88.52	10.43	34.75	38.80	14.60	-5.09	93.48	Production
15.77	23.72	38.00	9.24	4.90	91.63	16.99	34.57	46.95	9.57	-0.06	108.03	Consumption
-3.48	2.01	-3.05	5.85	-4.45	-3.12	-6.56	0.18	-8.16	5.03	-5.04	-14.54	Balance
												Canada
12.62	33.21	36.76	8.54	11.62	102.75	10.70	33.94	38.36	5.51	4.80	93.30	Production
7.81	30.22	32.35	8.19	22.37	100.93	7.57	32.22	32.50	5.01	19.34	96.63	Consumption
4.81	2.99	4.41	0.35	-10.75	1.82	3.13	1.72	5.86	0.50	-14.54	-3.33	Balance
												Mexico
10.65	19.86	17.71	17.35	19.28	84.85	9.77	18.94	17.43	14.14	17.31	77.60	Production
10.65	28.48	19.66	19.15	11.72	89.66	9.81	33.80	21.09	11.11	11.47	87.28	Consumption
0.00	-8.62	-1.95	-1.80	7.56	-4.80	-0.04	-14.86	-3.66	3.03	5.84	-9.69	Balance
												United States
46.05	359.93	262.17	27.00	114.25	809.39	50.94	365.99	248.72	32.58	91.40	789.62	Production
69.49	392.90	283.96	51.47	119.22	917.04	57.31	387.26	242.11	41.37	69.61	797.65	Consumption
-23.44	-32.97	-21.79	-24.47	-4.97	-107.65	-6.37	-21.27	6.61	-8.79	21.79	-8.03	Balance
												Venezuela
6.03	14.00	19.22	13.45	9.97	62.67	5.70	14.42	19.41	12.16	5.79	57.48	Production
2.51	10.38	6.21	2.93	5.97	28.01	2.43	11.87	7.82	3.52	5.94	31.58	Consumption
3.52	3.62	13.00	10.52	4.00	34.66	3.27	2.55	11.59	8.64	-0.15	25.89	Balance
												Others America
7.71	21.99	43.28	26.14	16.70	115.82	6.95	19.35	31.82	23.41	10.85	92.38	Production
7.16	19.71	37.72	27.08	15.01	106.67	7.98	21.12	43.16	26.96	12.11	111.33	Consumption
0.55	2.28	5.56	-0.94	1.70	9.15	-1.03	-1.77	-11.34	-3.55	-1.26	-18.95	Balance



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