

WORLD OIL AND GAS
REVIEW

2001

world oil and gas review

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a global ecological problem

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In order to make reasoned decisions or evaluations, or simply form an opinion, those involved, in whatever capacity, in the oil and natural gas markets need precise, exhaustive and up-to-date information.

However, the available sources of such information are fragmented or accessible - and above all comprehensible - only to people working in the sector. The general public is largely left out.

For this reason, Eni is delighted to present the first World Oil and Gas Review which aims to fill, at least in part, the growing demand for information on issues surrounding oil and gas.

The Review will be annual and it aims to become an important and authoritative source of specific data and information on the oil and gas markets. In view of the marked differences between the considered countries the Review is characterised by the detail and extent of the analysis and the wealth of information it contains. Eni has re-elaborated and made comparable data collected from the most reliable international sources available. Obviously, this first edition will be improved and expanded and, in this regard, Eni welcomes suggestions and constructive criticism that may help to refine the contents of the Review for future editions and ensure that it meets the needs of its readers.

In any case, the management of Eni is particularly proud to make available to an international public what we see as a new and reliable information service, convinced that it is a precise duty for leading companies in the international business to contribute to the creation of a culture in the key areas of our activities.

Our thanks go to those who have worked so diligently on the preparation of the review and to those with whose help we can work to improve it for the future.

Vittorio Mincato
Chief Executive



LIST OF COUNTRIES BY AREA AND AGGREGATES

EUROPE: Western Europe, Central Europe, Eastern Europe.

Western Europe: Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Gibraltar, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey and United Kingdom.

Central Europe: Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Macedonia, Poland, Romania, Serbia and Montenegro, Slovakia and Slovenia.

Eastern Europe: Belorussia, Moldova, Russia and Ukraine.

CENTRAL ASIA: Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.

ASIA and the PACIFIC: Industrialized Asia and the Pacific, Developing Asia and the Pacific.

Industrialized Asia and the Pacific: Australia, Hong Kong, Japan, New Zealand, Singapore, South Korea and Taiwan.

Developing Asia and the Pacific: Afghanistan, Bangladesh, Brunei, China, India, Indonesia, Malaysia, Myanmar, Nepal, North Korea, Pakistan, Papua New Guinea, Philippines, Sri Lanka, Thailand and Vietnam.

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

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

AMERICAS: North America and Latin America.

North America: Canada and the United States.

Latin America: Argentina, Barbados, 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

DEVELOPED COUNTRIES: Western Europe, Industrialized Asia and the Pacific, North America.

TRANSITION ECONOMIES: Central Europe, Eastern Europe, and Central Asia.

DEVELOPING COUNTRIES: Developing Asia and the Pacific, Middle East, Africa, Latin America.

INTERNATIONAL INSTITUTIONS AND ORGANISATIONS

EUROPEAN UNION

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom.

OECD: Europe, Asia and the Pacific, North America.

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

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

North America: Canada, Mexico and the United States.

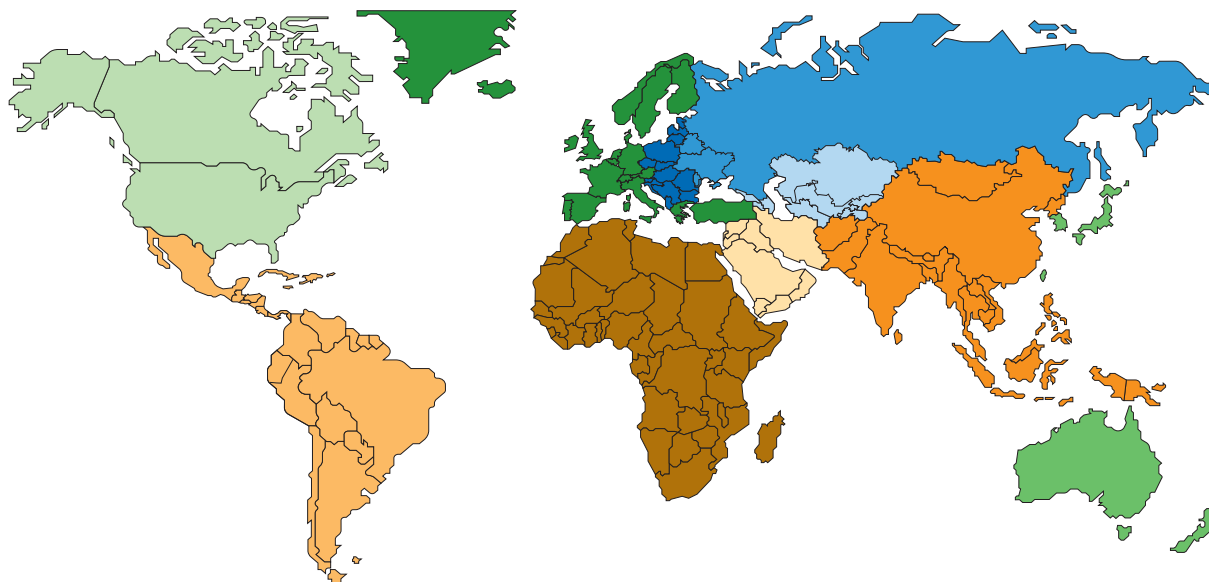
OPEC

Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela.

world oil and gas review

INTRODUCTION

Areas and Aggregates



DEVELOPED COUNTRIES

- WESTERN EUROPE
- INDUSTRIALIZED ASIA AND THE PACIFIC
- NORTH AMERICA

DEVELOPING COUNTRIES

- AFRICA
- DEVELOPING ASIA AND THE PACIFIC
- LATIN AMERICA
- MIDDLE EAST

TRANSITION ECONOMIES

- CENTRAL EUROPE
- EASTERN EUROPE
- CENTRAL ASIA

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. Use of the terms “developed countries”, “developing countries” and “transition economies” are used for analytical purposes and do not reflect any form of judgement on the state of a particular country or area in the process of economic or social development. Consequently, following standard practice for international organisations, for analytical purposes, also countries with a high per-capita income may be allocated among developing countries.

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

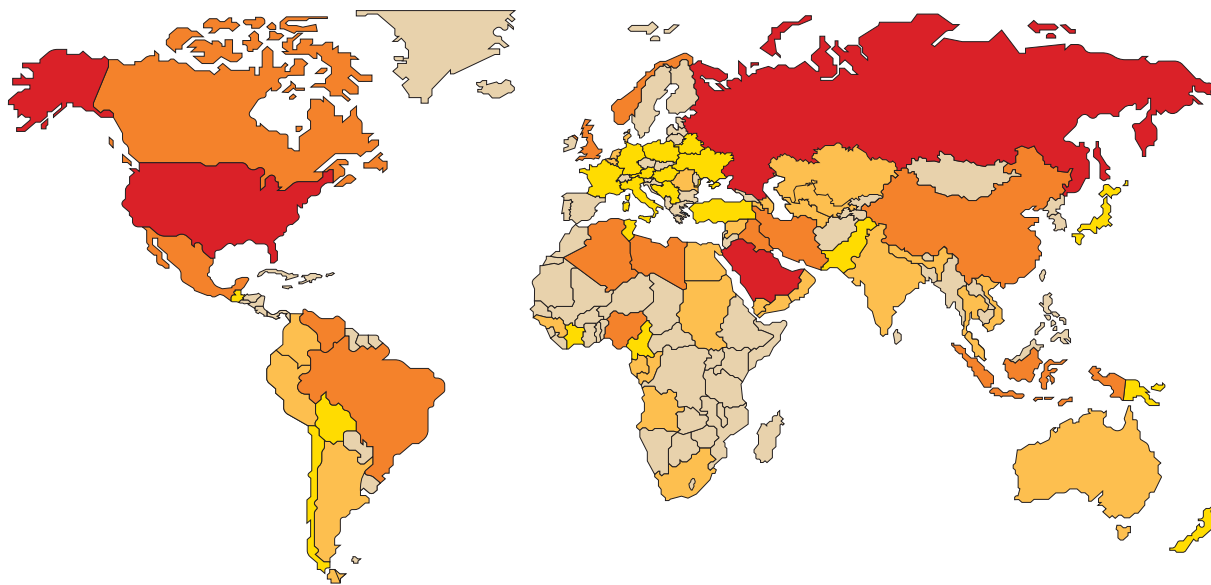
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oil

PRODUCTION

2000

(thousands of barrels/day)



More than 5000
From 1001 to 5000

From 101 to 1000
From 11 to 100

From 0 to 10 or not available

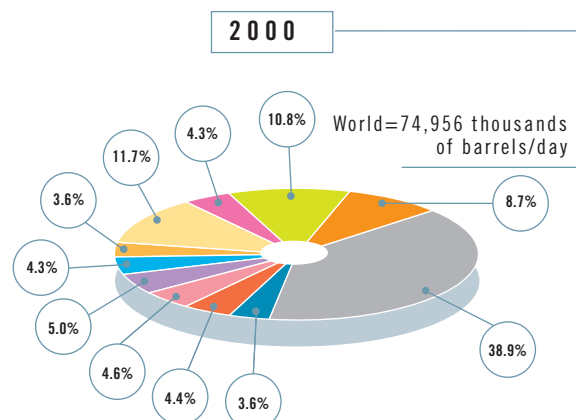
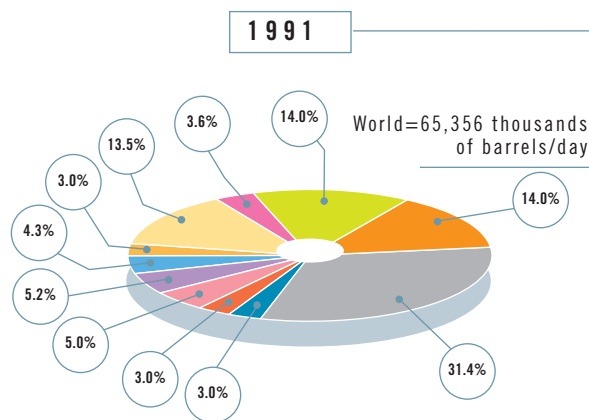
oil

PRODUCTION

The first twenty Countries in the World
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Saudi Arabia	3,747	6,938	8,816	8,975	8,615	8,633	8,661	8,642	8,860	8,910	8,326	8,806
United States	10,885	9,230	9,168	9,138	8,817	8,641	8,617	8,585	8,654	8,372	8,096	8,118
Russia	10,846	10,324	9,165	7,965	6,955	6,346	6,169	6,035	6,115	6,123	6,158	6,503
Iran	2,259	3,160	3,400	3,524	3,700	3,663	3,702	3,718	3,672	3,706	3,575	3,759
Mexico	3,146	3,138	3,271	3,259	3,135	3,145	3,067	3,284	3,410	3,496	3,346	3,450
Norway	806	1,714	1,951	2,215	2,375	2,695	2,910	3,235	3,284	3,138	3,135	3,320
China	2,505	2,774	2,828	2,835	2,912	2,841	2,987	3,116	3,189	3,193	3,186	3,229
Venezuela	1,741	2,069	2,322	2,402	2,473	2,660	3,017	3,219	3,473	3,407	3,094	3,219
Canada	1,792	1,984	1,984	2,069	2,176	2,274	2,399	2,458	2,572	2,673	2,560	2,729
United Kingdom	2,701	1,937	1,939	2,003	2,138	2,701	2,791	2,808	2,736	2,841	2,927	2,699
United Arab Emirates	1,323	2,235	2,534	2,407	2,459	2,514	2,493	2,568	2,645	2,674	2,422	2,607
Iraq	1,446	2,025	297	433	483	531	555	581	1,162	2,125	2,537	2,584
Nigeria	1,499	1,808	1,888	1,954	2,023	2,014	2,038	2,254	2,382	2,200	2,059	2,160
Kuwait	1,106	1,242	192	1,100	1,764	1,921	1,934	1,912	1,951	1,927	1,768	1,879
Brazil	564	646	641	644	876	932	954	1,052	1,105	1,229	1,357	1,496
Libya	1,077	1,386	1,554	1,471	1,400	1,390	1,432	1,442	1,482	1,533	1,438	1,471
Algeria	1,273	1,470	1,452	1,445	1,310	1,285	1,301	1,397	1,430	1,431	1,377	1,435
Indonesia	1,365	1,505	1,645	1,557	1,593	1,573	1,564	1,622	1,599	1,574	1,503	1,423
Oman	509	702	725	757	785	814	860	890	906	902	909	958
Qatar	332	430	422	478	471	466	522	569	705	751	744	820

The first ten Countries in the World
(percentage)



UNITED KINGDOM
NORWAY
MEXICO

IRAN
CHINA
CANADA

SAUDI ARABIA
VENEZUELA
UNITED STATES

RUSSIA
REST OF THE WORLD

oil

PRODUCTION

Main Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe												
Russia	10,846	10,324	9,165	7,965	6,955	6,346	6,169	6,035	6,115	6,123	6,158	6,503
Norway	806	1,714	1,951	2,215	2,375	2,695	2,910	3,235	3,284	3,138	3,135	3,320
United Kingdom	2,701	1,937	1,939	2,003	2,138	2,701	2,791	2,808	2,736	2,841	2,927	2,699
Denmark	59	122	142	157	168	185	186	208	230	238	300	363
Romania	220	163	140	142	144	144	145	143	138	132	130	126
Central Asia												
Kazakhstan	457	502	533	570	487	407	423	454	521	525	613	706
Azerbaijan	263	244	235	237	218	190	192	187	187	237	282	286
Uzbekistan	40	56	57	66	79	110	166	168	175	165	173	174
Turkmenistan	121	112	109	101	80	67	70	111	94	114	142	144
Georgia	11	4	4	2	1	2	1	3	3	2	1	2
Middle East												
Saudi Arabia	3,747	6,938	8,816	8,975	8,615	8,633	8,661	8,642	8,860	8,910	8,326	8,806
Iran	2,259	3,160	3,400	3,524	3,700	3,663	3,702	3,718	3,672	3,706	3,575	3,759
United Arab Emirates	1,323	2,235	2,534	2,407	2,459	2,514	2,493	2,568	2,645	2,674	2,422	2,607
Iraq	1,446	2,025	297	433	483	531	555	581	1,162	2,125	2,537	2,584
Kuwait	1,106	1,242	192	1,100	1,764	1,921	1,934	1,912	1,951	1,927	1,768	1,879
Africa												
Nigeria	1,499	1,808	1,888	1,954	2,023	2,014	2,038	2,254	2,382	2,200	2,059	2,160
Libya	1,077	1,386	1,554	1,471	1,400	1,390	1,432	1,442	1,482	1,533	1,438	1,471
Algeria	1,273	1,470	1,452	1,445	1,310	1,285	1,301	1,397	1,430	1,431	1,377	1,435
Egypt	897	916	914	922	960	921	947	921	893	880	853	812
Angola	232	478	502	480	504	492	639	691	710	733	748	735
Asia and the Pacific												
China	2,505	2,774	2,828	2,835	2,912	2,841	2,987	3,116	3,189	3,193	3,186	3,229
Indonesia	1,365	1,505	1,645	1,557	1,593	1,573	1,564	1,622	1,599	1,574	1,503	1,423
Australia	600	615	616	629	559	602	576	599	641	616	606	792
India	622	724	696	636	544	689	772	739	764	749	746	732
Malaysia	459	637	659	665	632	694	757	733	748	724	700	708
Americas												
United States	10,885	9,230	9,168	9,138	8,817	8,641	8,617	8,585	8,654	8,372	8,096	8,118
Mexico	3,146	3,138	3,271	3,259	3,135	3,145	3,067	3,284	3,410	3,496	3,346	3,450
Venezuela	1,741	2,069	2,322	2,402	2,473	2,660	3,017	3,219	3,473	3,407	3,094	3,219
Canada	1,792	1,984	1,984	2,069	2,176	2,274	2,399	2,458	2,572	2,673	2,560	2,729
Brazil	564	646	641	644	876	932	954	1,052	1,105	1,229	1,357	1,496

oil

PRODUCTION

Areas and Aggregates

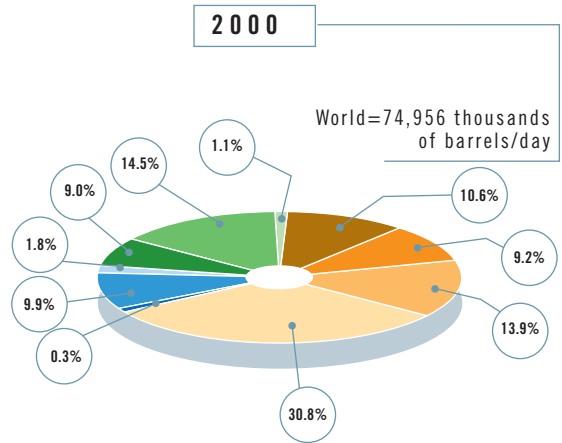
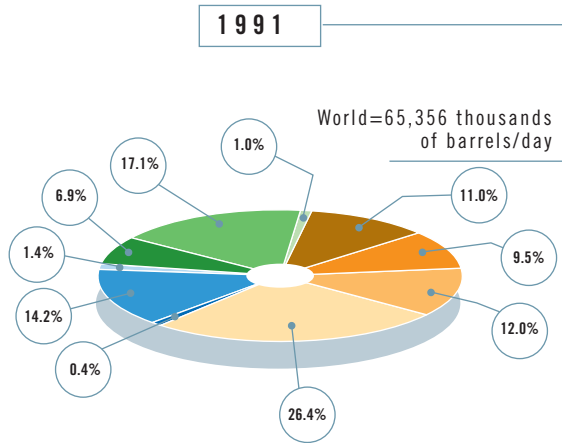
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	15,392	15,027	14,094	13,201	12,476	12,776	12,885	13,102	13,161	13,096	13,224	13,580
Western Europe	4,033	4,254	4,507	4,831	5,114	6,029	6,307	6,654	6,646	6,594	6,698	6,713
Central Europe	391	303	283	276	282	278	289	284	270	254	245	243
Eastern Europe	10,968	10,470	9,305	8,094	7,080	6,470	6,289	6,165	6,246	6,248	6,281	6,625
Central Asia	902	925	942	979	867	779	855	926	984	1,047	1,212	1,314
Asia and the Pacific	5,883	6,663	6,918	6,854	6,929	7,135	7,354	7,550	7,684	7,634	7,596	7,782
Ind. Asia and the Pacific	646	674	681	693	652	694	643	674	727	690	675	855
Dev. Asia and the Pacific	5,237	5,989	6,237	6,162	6,277	6,441	6,711	6,876	6,957	6,944	6,921	6,927
Middle East	11,311	17,686	17,269	18,787	19,480	19,910	20,165	20,403	21,460	22,601	21,894	23,082
Africa	5,684	6,881	7,157	7,116	7,077	7,034	7,318	7,732	8,005	7,917	7,660	7,916
Americas	19,557	18,670	18,976	19,218	19,239	19,567	20,156	20,816	21,520	21,593	20,876	21,282
North America	12,677	11,214	11,152	11,207	10,993	10,915	11,016	11,043	11,226	11,046	10,656	10,847
Latin America	6,880	7,457	7,824	8,011	8,247	8,653	9,140	9,773	10,294	10,548	10,220	10,435
World	58,729	65,852	65,356	66,155	66,068	67,201	68,733	70,530	72,815	73,888	72,461	74,956
Developed countries	17,356	16,142	16,339	16,730	16,759	17,637	17,965	18,370	18,599	18,330	18,029	18,415
Transition economies	12,261	11,698	10,529	9,349	8,229	7,526	7,433	7,375	7,500	7,549	7,738	8,181
Developing countries	29,111	38,012	38,487	40,076	41,079	42,039	43,335	44,785	46,716	48,009	46,695	48,360
International organisations												
EUROPEAN UNION	3,187	2,469	2,472	2,534	2,664	3,263	3,329	3,351	3,295	3,395	3,504	3,340
OECD	20,558	19,330	19,661	20,040	19,953	20,839	21,104	21,724	22,071	21,883	21,430	21,923
OPEC	17,534	24,564	24,653	26,104	26,655	27,038	27,645	28,407	29,894	30,798	29,436	30,796

oil

PRODUCTION

Areas (percentage)



oil

PRODUCTION

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	15,392	15,027	14,094	13,201	12,476	12,776	12,885	13,102	13,161	13,096	13,224	13,580
Albania	21	19	15	11	11	10	9	9	7	8	6	7
Austria	23	23	26	24	23	22	21	21	19	20	19	20
Belorussia	40	41	41	40	40	40	39	37	36	37	37	37
Bulgaria	4	1	1	1	1	1	1	1	1	1	1	1
Croatia	61	42	50	44	40	39	38	36	37	34	32	30
Czech Republic	1	1	1	2		5	6	7	7	9	8	7
Denmark	59	122	142	157	168	185	186	208	230	238	300	363
France	70	73	72	70	68	69	62	52	46	40	38	36
Germany	132	103	88	84	80	77	75	73	74	76	76	86
Greece	27	17	17	14	12	11	9	10	10	7	0	6
Hungary	55	49	47	46	56	49	61	59	52	42	39	38
Italy	45	88	81	84	86	88	96	104	113	108	86	79
Netherlands	80	79	74	66	65	90	71	63	60	55	53	48
Norway	806	1,714	1,951	2,215	2,375	2,695	2,910	3,235	3,284	3,138	3,135	3,320
Poland	4	4	3	4	5	5	6	5	5	8	10	14
Romania	220	163	140	142	144	144	145	143	138	132	130	126
Russia	10,846	10,324	9,165	7,965	6,955	6,346	6,169	6,035	6,115	6,123	6,158	6,503
Serbia and Montenegro	23	22	22	24	25	24	23	23	22	20	19	18
Slovakia	1	1	3	2	1	1	1	1	1	1	1	1
Spain	51	27	33	32	25	21	17	13	8	11	6	5
Turkey	41	71	84	82	75	71	68	68	67	62	59	53
United Kingdom	2,701	1,937	1,939	2,003	2,138	2,701	2,791	2,808	2,736	2,841	2,927	2,699
Ukraine	81	105	99	89	85	84	81	93	95	89	86	84
Central Asia	902	925	942	979	867	779	855	926	984	1,047	1,212	1,314
Azerbaijan	263	244	235	237	218	190	192	187	187	237	282	286
Georgia	11	4	4	2	1	2	1	3	3	2	1	2
Kazakhstan	457	502	533	570	487	407	423	454	521	525	613	706
Kyrgyzstan	4	3	3	2	2	2	2	2	2	2	2	2
Tajikistan	8	4	2	1	1	1	1	1	1	1	0	0
Turkmenistan	121	112	109	101	80	67	70	111	94	114	142	144
Uzbekistan	40	56	57	66	79	110	166	168	175	165	173	174

oil

PRODUCTION

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Middle East	11,311	17,686	17,269	18,787	19,480	19,910	20,165	20,403	21,460	22,601	21,894	23,082
Bahrain	50	51	52	54	52	52	52	51	49	47	45	43
Iran	2,259	3,160	3,400	3,524	3,700	3,663	3,702	3,718	3,672	3,706	3,575	3,759
Iraq	1,446	2,025	297	433	483	531	555	581	1,162	2,125	2,537	2,584
Israel	0	0	0	0	0	1	1	1	1	1	1	1
Kuwait	1,106	1,242	192	1,100	1,764	1,921	1,934	1,912	1,951	1,927	1,768	1,879
Neutral zone	366	296	131	358	363	389	425	483	533	559	591	632
Oman	509	702	725	757	785	814	860	890	906	902	909	958
Qatar	332	430	422	478	471	466	522	569	705	751	744	820
Saudi Arabia	3,747	6,938	8,816	8,975	8,615	8,633	8,661	8,642	8,860	8,910	8,326	8,806
Syria	173	409	491	513	564	574	590	612	603	602	570	545
United Arab Emirates	1,323	2,235	2,534	2,407	2,459	2,514	2,493	2,568	2,645	2,674	2,422	2,607
Yemen	0	197	208	188	223	354	370	376	374	396	405	448
Africa	5,684	6,881	7,157	7,116	7,077	7,034	7,318	7,732	8,005	7,917	7,660	7,916
Algeria	1,273	1,470	1,452	1,445	1,310	1,285	1,301	1,397	1,430	1,431	1,377	1,435
Angola	232	478	502	480	504	492	639	691	710	733	748	735
Benin	7	4	4	3	4	3	2	1	1	1	1	1
Cameroon	166	167	151	139	130	130	120	118	124	103	91	85
Congo	115	156	157	168	189	190	183	201	234	266	262	271
Côte d'Ivoire	20	2	1	6	1	1	9	18	16	14	13	12
Dem. Rep. Congo	34	28	28	25	23	27	28	27	28	28	25	25
Egypt	897	916	914	922	960	921	947	921	893	880	853	812
Equatorial Guinea	0	0	0	0	0	5	8	22	52	83	94	111
Gabon	171	267	293	289	296	318	345	365	370	352	331	310
Ghana	0	0	0	0		6	6	7	7	7	7	7
Libya	1,077	1,386	1,554	1,471	1,400	1,390	1,432	1,442	1,482	1,533	1,438	1,471
Morocco	0	0	0	0	1	1	1	6	6	6	6	6
Nigeria	1,499	1,808	1,888	1,954	2,023	2,014	2,038	2,254	2,382	2,200	2,059	2,160
South Africa	78	101	101	103	131	156	167	169	182	191	204	205
Sudan	0	0	0	0	0	0	0	2	5	10	68	186
Tunisia	114	97	112	112	106	95	93	92	83	81	82	83

oil

PRODUCTION

Countries

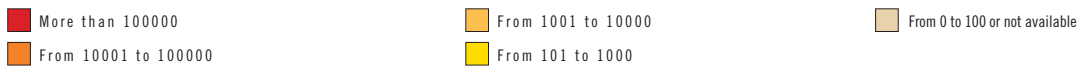
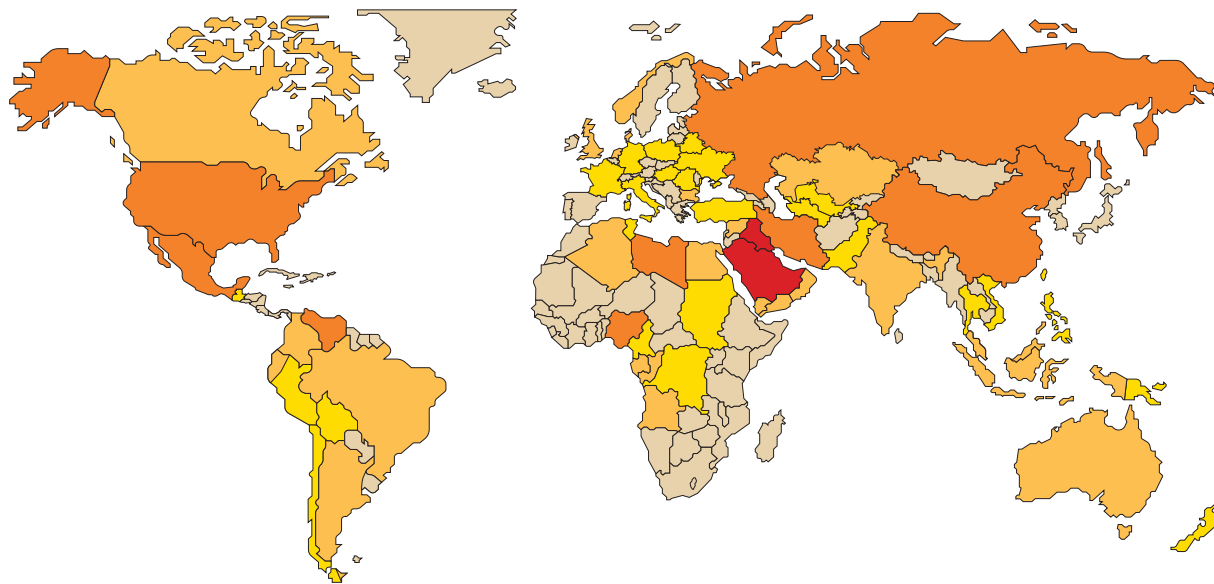
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	5,883	6,663	6,918	6,854	6,929	7,135	7,354	7,550	7,684	7,634	7,596	7,782
Australia	600	615	616	629	559	602	576	599	641	616	606	792
Bangladesh	2	3	3	3	3	3	3	3	3	2	4	4
Brunei	174	159	171	191	191	193	195	195	185	179	180	190
China	2,505	2,774	2,828	2,835	2,912	2,841	2,987	3,116	3,189	3,193	3,186	3,229
India	622	724	696	636	544	689	772	739	764	749	746	732
Indonesia	1,365	1,505	1,645	1,557	1,593	1,573	1,564	1,622	1,599	1,574	1,503	1,423
Japan	12	12	17	19	18	19	19	21	19	18	17	17
Malaysia	459	637	659	665	632	694	757	733	748	724	700	708
Myanmar	28	14	15	14	13	13	9	8	8	8	8	8
New Zealand	29	43	46	44	73	72	47	53	67	54	50	44
Pakistan	26	56	69	65	59	58	56	59	57	56	55	54
Papua New Guinea	0	0	0	0	126	134	104	106	80	79	99	94
Philippines	7	5	3	8	10	5	3	1	1	1	1	1
Taiwan	4	3	2	1	2	1	1	1	1	1	1	1
Thailand	48	59	70	78	68	96	93	121	131	134	142	168
Vietnam	0	54	78	110	126	143	169	173	194	245	297	316
Americas	19,557	18,670	18,976	19,218	19,239	19,567	20,156	20,816	21,520	21,593	20,876	21,282
Argentina	497	514	520	596	628	706	761	831	882	895	849	815
Barbados	2	1	1	1	1	1	1	1	1	1	1	1
Bolivia	27	30	32	29	28	34	35	34	43	46	41	40
Brazil	564	646	641	644	876	932	954	1,052	1,105	1,229	1,357	1,496
Canada	1,792	1,984	1,984	2,069	2,176	2,274	2,399	2,458	2,572	2,673	2,560	2,729
Chile	43	25	23	21	22	20	17	14	13	13	13	13
Colombia	183	443	430	445	462	464	592	637	659	767	827	699
Cuba	15	12	9	16	20	21	25	26	30	29	37	43
Ecuador	286	288	304	324	341	388	390	389	397	384	382	394
Guatemala	3	4	3	5	5	7	9	15	20	20	20	20
Mexico	3,146	3,138	3,271	3,259	3,135	3,145	3,067	3,284	3,410	3,496	3,346	3,450
Peru	195	130	117	117	127	128	124	122	120	118	108	101
Suriname	1	4	5	5	5	6	7	9	8	10	10	10
Trinidad and Tobago	176	151	145	146	125	142	142	141	133	133	135	135
United States	10,885	9,230	9,168	9,138	8,817	8,641	8,617	8,585	8,654	8,372	8,096	8,118
Venezuela	1,741	2,069	2,322	2,402	2,473	2,660	3,017	3,219	3,473	3,407	3,094	3,219

oil

RESERVES

2001
(millions of barrels)



oil

RESERVES

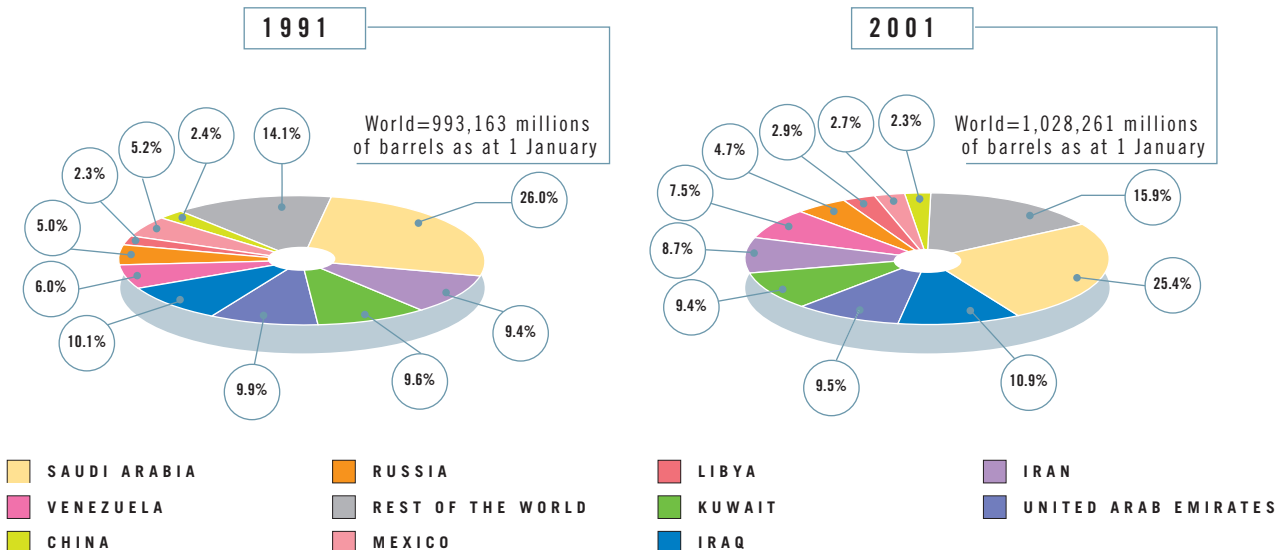
The first twenty Countries in the World

(millions of barrels as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Saudi Arabia	164,374	260,054	257,900	259,466	258,600	260,000	260,000	261,200	261,500	261,500	261,500	261,500	261,500
Iraq	38,500	100,000	100,000	100,000	99,840	99,628	99,427	100,000	112,000	112,500	112,500	112,500	112,500
United Arab Emirates	32,490	98,105	98,100	98,100	98,100	98,100	98,100	98,100	97,800	97,800	97,800	97,800	97,800
Kuwait	80,000	96,000	95,608	92,740	92,428	91,811	95,200	96,500	96,500	96,500	96,500	96,500	96,500
Iran	37,500	92,900	92,900	92,900	92,900	92,900	89,300	88,200	93,000	93,000	89,700	89,700	89,700
Venezuela	28,034	60,516	60,054	62,650	63,330	64,447	64,500	64,500	64,900	71,700	72,600	72,600	76,862
Russia			50,000	50,000	48,400	48,400	48,400	49,000	48,573	48,573	48,573	48,573	48,573
Libya	22,800	22,800	22,800	22,800	22,800	22,800	22,800	29,500	29,500	29,500	29,500	29,500	29,500
Mexico	49,260	51,983	51,298	50,925	51,225	44,439	49,775	49,800	48,800	40,000	47,822	28,400	28,260
China	19,500	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
Nigeria	16,850	16,700	17,422	17,856	18,213	17,466	17,900	20,800	15,500	16,800	22,500	22,500	22,500
United States	27,171	26,324	26,145	25,730	32,100	31,200	30,100	29,900	30,200	29,800	30,500	30,500	21,765
Qatar	4,500	2,556	3,729	2,851	4,339	4,192	4,940	3,700	3,700	3,700	3,700	3,700	13,157
Norway	10,843	11,500	7,600	7,600	8,800	9,300	9,400	8,400	11,200	10,400	10,900	10,800	9,447
Algeria	7,082	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200
Brazil	2,030	2,795	2,801	3,030	3,667	3,798	4,200	4,200	4,800	4,800	7,106	7,357	8,100
Oman	4,500	4,291	4,353	4,350	4,480	4,700	4,800	5,100	5,100	5,238	5,283	5,283	5,506
Kazakhstan			3,300	3,300	3,300	5,300	5,300	5,300	5,417	5,417	5,417	5,417	5,417
Angola	2,147	2,100	1,818	1,450	1,334	1,901	5,400	5,400	5,400	5,400	5,412	5,412	5,412
United Kingdom	5,823	3,808	3,994	4,144	4,100	4,600	4,500	4,300	4,500	5,000	5,191	5,150	5,003

The first ten Countries in the World

(percentage)



oil

RESERVES

Main Countries

(millions of barrels as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Europe													
Russia			50,000	50,000	48,400	48,400	48,400	49,000	48,573	48,573	48,573	48,573	48,573
Norway	10,843	11,500	7,600	7,600	8,800	9,300	9,400	8,400	11,200	10,400	10,900	10,800	9,447
United Kingdom	5,823	3,808	3,994	4,144	4,100	4,600	4,500	4,300	4,500	5,000	5,191	5,150	5,003
Romania	1,511	1,199	1,173	1,170	1,150	1,600	1,600	1,600	1,600	1,606	1,426	1,426	1,426
Denmark	533	532	755	730	715	736	773	1,000	957	861	943	1,069	1,069
Central Asia													
Kazakhstan			3,300	3,300	3,300	5,300	5,300	5,300	5,417	5,417	5,417	5,417	5,417
Azerbaijan			1,200	1,200	1,200	1,200	1,200	1,200	1,178	1,178	1,178	1,178	1,178
Uzbekistan			300	300	300	300	300	300	594	594	594	594	594
Turkmenistan			546	546	546	546	546	546	546	546	546	546	546
Kyrgyzstan			300	300	300	300	300	300	40	40	40	40	40
Middle East													
Saudi Arabia	164,374	260,054	257,900	259,466	258,600	260,000	260,000	261,200	261,500	261,500	261,500	261,500	261,500
Iraq	38,500	100,000	100,000	100,000	99,840	99,628	99,427	100,000	112,000	112,500	112,500	112,500	112,500
United Arab Emirates	32,490	98,105	98,100	98,100	98,100	98,100	98,100	98,100	97,800	97,800	97,800	97,800	97,800
Kuwait	80,000	96,000	95,608	92,740	92,428	91,811	95,200	96,500	96,500	96,500	96,500	96,500	96,500
Iran	37,500	92,900	92,900	92,900	92,900	92,900	89,300	88,200	93,000	93,000	89,700	89,700	89,700
Africa													
Libya	22,800	22,800	22,800	22,800	22,800	22,800	22,800	29,500	29,500	29,500	29,500	29,500	29,500
Nigeria	16,850	16,700	17,422	17,856	18,213	17,466	17,900	20,800	15,500	16,800	22,500	22,500	22,500
Algeria	7,082	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200
Angola	2,147	2,100	1,818	1,450	1,334	1,901	5,400	5,400	5,400	5,400	5,412	5,412	5,412
Egypt	4,026	4,300	6,200	3,536	3,593	3,425	3,420	3,900	3,700	3,835	3,500	2,950	2,948
Asia and the Pacific													
China	19,500	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
Indonesia	9,125	11,970	10,729	6,600	5,800	5,800	5,800	5,200	4,980	4,980	4,980	4,980	4,980
India	3,760	4,345	4,226	6,126	5,935	5,860	5,807	5,800	4,333	4,340	3,972	4,837	4,728
Malaysia	2,900	3,675	3,560	3,600	3,700	4,300	4,300	4,300	4,000	3,900	3,900	3,900	3,900
Australia	1,446	1,680	1,570	1,520	1,800	1,600	1,600	1,600	1,800	1,800	2,895	2,895	2,895
Americas													
Venezuela	28,034	60,516	60,054	62,650	63,330	64,447	64,500	64,500	64,900	71,700	72,600	72,600	76,862
Mexico	49,260	51,983	51,298	50,925	51,225	44,439	49,775	49,800	48,800	40,000	47,822	28,400	28,260
United States	27,171	26,324	26,145	25,730	32,100	31,200	30,100	29,900	30,200	29,800	30,500	30,500	21,765
Brazil	2,030	2,795	2,801	3,030	3,667	3,798	4,200	4,200	4,800	4,800	7,106	7,357	8,100
Canada	6,538	6,769	6,438	6,104	7,600	7,400	7,300	6,900	6,900	6,800	6,800	6,800	4,706

oil

RESERVES

Areas and Aggregates

(millions of barrels as at 1 January)

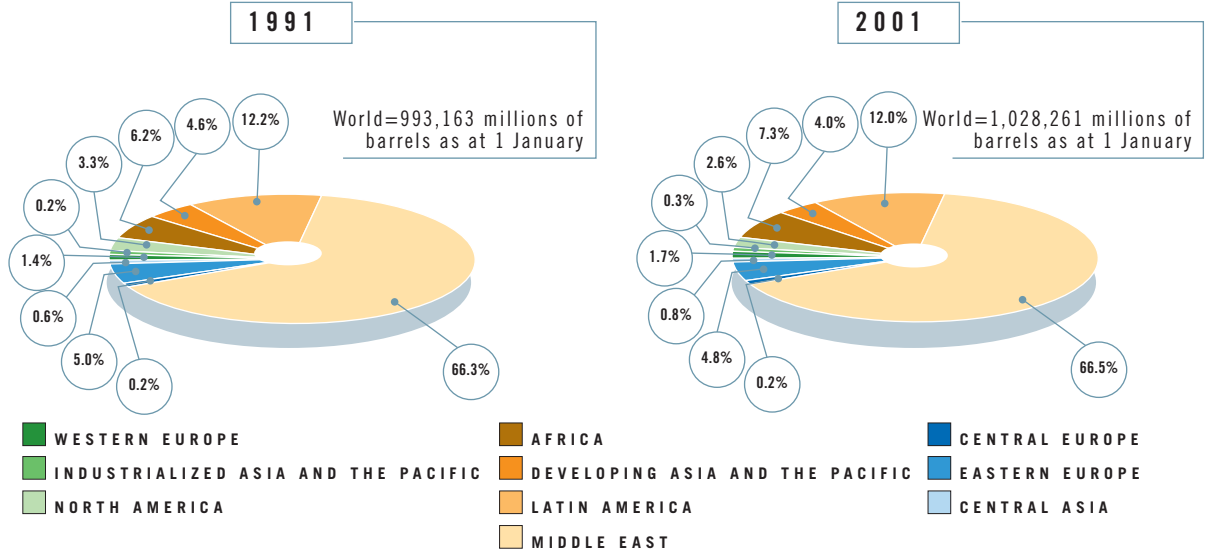
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Europe	101,967	78,126	65,792	65,906	65,761	66,667	67,154	66,599	69,582	69,388	69,936	69,831	68,389
Western Europe	19,016	17,575	14,093	14,195	15,537	16,078	16,542	15,382	18,310	18,101	18,705	18,621	17,186
Central Europe	1,951	1,830	1,699	1,711	1,823	2,189	2,212	2,217	2,107	2,121	2,065	2,044	2,037
Eastern Europe	81,000	58,721	50,000	50,000	48,400	48,400	48,400	49,000	49,166	49,166	49,166	49,166	49,166
Central Asia			5,946	5,946	5,946	7,946	7,946	7,946	7,822	7,822	7,822	7,822	7,822
Asia and the Pacific	39,401	48,040	47,056	44,773	43,750	44,699	44,672	44,291	42,299	42,276	43,060	43,986	43,960
Ind. Asia and the Pacific	1,672	1,894	1,831	1,748	2,019	1,791	1,758	1,783	1,989	2,009	3,086	3,086	3,086
Dev. Asia and the Pacific	37,729	46,146	45,226	43,025	41,731	42,909	42,913	42,507	40,309	40,266	39,974	40,900	40,874
Middle East	363,435	660,008	658,894	654,205	654,457	655,074	657,693	659,346	676,314	676,952	673,647	673,637	683,315
Africa	57,424	59,530	61,725	59,166	58,105	57,583	62,077	73,044	67,481	70,065	75,442	74,892	74,890
Americas	119,002	156,305	153,750	155,424	164,755	159,431	165,912	165,551	165,333	163,088	174,197	155,199	149,885
North America	33,709	33,093	32,583	31,834	39,700	38,600	37,400	36,800	37,100	36,600	37,300	37,300	26,471
Latin America	85,293	123,212	121,167	123,590	125,055	120,831	128,512	128,751	128,233	126,488	136,897	117,899	123,414
World *	681.2	1,002.0	993.2	985.4	992.8	991.4	1,005.4	1,016.8	1,028.8	1,029.6	1,044.1	1,025.4	1,028.3
Developed countries	54,397	52,562	48,507	47,777	57,257	56,469	55,700	53,965	57,399	56,710	59,091	59,007	46,743
Transition economies	82,951	60,551	57,645	57,657	56,169	58,535	58,558	59,163	59,095	59,109	59,053	59,032	59,025
Developing Countries	543,881	888,896	887,011	879,985	879,347	876,397	891,195	903,648	912,338	913,772	925,961	907,329	922,493
International organisations													
EUROPEAN UNION	7,861	5,749	6,140	6,298	6,456	6,513	6,903	6,745	6,850	7,370	7,488	7,522	7,443
OECD	103,871	104,821	99,982	98,885	108,649	101,110	105,646	103,947	106,361	96,880	107,170	87,643	75,239
OPEC	441,255	770,801	768,442	765,163	765,550	766,344	767,167	776,900	788,580	797,180	800,480	800,480	814,199

*Billions of barrels as at 1 January

oil

RESERVES

Areas (percentage)



- WESTERN EUROPE
- INDUSTRIALIZED ASIA AND THE PACIFIC
- NORTH AMERICA
- AFRICA
- DEVELOPING ASIA AND THE PACIFIC
- LATIN AMERICA
- MIDDLE EAST
- CENTRAL EUROPE
- EASTERN EUROPE
- CENTRAL ASIA

oil

RESERVES

Countries

(millions of barrels as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Europe	101,967	78,126	65,792	65,906	65,761	66,667	67,154	66,599	69,582	69,388	69,936	69,831	68,389
Albania	211	185	178	189	185	73	112	138	165	165	165	165	165
Austria	116	84	83	85	76	103	92	71	77	90	87	86	86
Belorussia									198	198	198	198	198
Bulgaria	4	13	13	13	13	6	6	5	15	15	15	15	15
Croatia					151	149	165	127	55	55	99	99	92
Czech Republic					9	51	7	6	6	6	15	15	15
Denmark	533	532	755	730	715	736	773	1,000	957	861	943	1,069	1,069
France	221	182	171	177	166	128	133	136	117	127	107	107	145
Germany	291	252	257	272	225	230	336	381	385	410	388	357	380
Greece	35	15	22	28			12	12	12	10	10	10	10
Hungary	213	272	157	143	122	116	127	115	120	128	131	110	110
Italy	598	692	692	699	822	581	684	697	684	729	622	622	622
Lithuania									12	12	12	12	12
Netherlands	170	157	145	145	329	113	353	129	88	113	126	107	107
Norway	10,843	11,500	7,600	7,600	8,800	9,300	9,400	8,400	11,200	10,400	10,900	10,800	9,447
Poland	12	11	28	46	36	35	37	61	40	40	115	115	115
Romania	1,511	1,199	1,173	1,170	1,150	1,600	1,600	1,600	1,600	1,606	1,426	1,426	1,426
Russia			50,000	50,000	48,400	48,400	48,400	49,000	48,573	48,573	48,573	48,573	48,573
Serbia and Montenegro		150	150	150	150	150	150	150	78	78	78	78	78
Slovakia					7	9	9	9	9	9	9	9	9
Slovenia							0	7	7	7			
Spain	74	27	21	19	23	23	20	20	30	30	14	14	21
Turkey	312	326	353	298	281	265	239	237	260	331	317	299	296
Ukraine									395	395	395	395	395
United Kingdom	5,823	3,808	3,994	4,144	4,100	4,600	4,500	4,300	4,500	5,000	5,191	5,150	5,003
Ex USSR	81,000	58,721											

oil

RESERVES

Countries

(millions of barrels as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Central Asia			5,946	5,946	5,946	7,946	7,946	7,946	7,822	7,822	7,822	7,822	7,822
Azerbaijan			1,200	1,200	1,200	1,200	1,200	1,200	1,178	1,178	1,178	1,178	1,178
Georgia									35	35	35	35	35
Kazakhstan			3,300	3,300	3,300	5,300	5,300	5,300	5,417	5,417	5,417	5,417	5,417
Kyrgyzstan			300	300	300	300	300	300	40	40	40	40	40
Tajikistan			300	300	300	300	300	300	12	12	12	12	12
Turkmenistan			546	546	546	546	546	546	546	546	546	546	546
Uzbekistan			300	300	300	300	300	300	594	594	594	594	594
Middle East	363,435	660,008	658,894	654,205	654,457	655,074	657,693	659,346	676,314	676,952	673,647	673,637	683,315
Bahrain	173	97	84	84	56	56	56	46	210	210	160	150	148
Iran	37,500	92,900	92,900	92,900	92,900	92,900	89,300	88,200	93,000	93,000	89,700	89,700	89,700
Iraq	38,500	100,000	100,000	100,000	99,840	99,628	99,427	100,000	112,000	112,500	112,500	112,500	112,500
Israel	0	0	0	0	0	0	0	0	4	4	4	4	4
Jordan		5	20	5	4	1	0	0	0	0	0	0	0
Kuwait	80,000	96,000	95,608	92,740	92,428	91,811	95,200	96,500	96,500	96,500	96,500	96,500	96,500
Oman	4,500	4,291	4,353	4,350	4,480	4,700	4,800	5,100	5,100	5,238	5,283	5,283	5,506
Qatar	4,500	2,556	3,729	2,851	4,339	4,192	4,940	3,700	3,700	3,700	3,700	3,700	13,157
Saudi Arabia	164,374	260,054	257,900	259,466	258,600	260,000	260,000	261,200	261,500	261,500	261,500	261,500	261,500
Syria	1,398	1,700	1,700	1,700	1,700	1,700	2,500	2,500	2,500	2,500	2,500	2,500	2,500
United Arab Emirates	32,490	98,105	98,100	98,100	98,100	98,100	98,100	98,100	97,800	97,800	97,800	97,800	97,800
Yemen		4,300	4,500	2,009	2,010	1,986	3,370	4,000	4,000	4,000	4,000	4,000	4,000

oil

RESERVES

Countries

(millions of barrels as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Africa	57,424	59,530	61,725	59,166	58,105	57,583	62,077	73,044	67,481	70,065	75,442	74,892	74,890
Algeria	7,082	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200	9,200
Angola	2,147	2,100	1,818	1,450	1,334	1,901	5,400	5,400	5,400	5,400	5,412	5,412	5,412
Benin	100	100	100	20	20	20	27	29	29	8	8	8	8
Cameroon	531	470	431	376	326	285	250	400	400	400	400	400	400
Congo	798	830	830	830	830	830	830	1,500	1,500	1,505	1,506	1,506	1,506
Côte d'Ivoire	108	100	100	100	100	50	50	100	100	100	100	100	100
Egypt	4,026	4,300	6,200	3,536	3,593	3,425	3,420	3,900	3,700	3,835	3,500	2,950	2,948
Equatorial Guinea					4	4	12	12	12	12	12	12	12
Ethiopia			0	0	0	0	0	0	0	0	0	0	0
Gabon	623	730	730	730	730	730	1,300	1,300	1,300	2,500	2,499	2,499	2,499
Ghana	4	1	1	1	1	1	1	16	17	17	17	17	17
Libya	22,800	22,800	22,800	22,800	22,800	22,800	22,800	29,500	29,500	29,500	29,500	29,500	29,500
Morocco	1	2	0	0	0	0	0	0	1	2	2	2	2
Nigeria	16,850	16,700	17,422	17,856	18,213	17,466	17,900	20,800	15,500	16,800	22,500	22,500	22,500
South Africa	115	0	3	3	0	0	0	0	27	29	29	29	29
Sudan	300	300	300	300	300	300	300	300	300	262	262	262	262
Tunisia	1,815	1,801	1,700	1,800	468	385	400	400	308	308	308	308	308
Zaire	125	96	89	164	187	187	187	187	187	187	187	187	187
Asia and the Pacific	39,401	48,040	47,056	44,773	43,750	44,699	44,672	44,291	42,299	42,276	43,060	43,986	43,960
Australia	1,446	1,680	1,570	1,520	1,800	1,600	1,600	1,600	1,800	1,800	2,895	2,895	2,895
Bangladesh		1	1	1	2	4	4	5	5	5	57	57	57
Brunei	1,470	1,152	1,124	1,138	1,130	1,250	1,400	1,400	1,350	1,350	1,350	1,350	1,350
China	19,500	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
India	3,760	4,345	4,226	6,126	5,935	5,860	5,807	5,800	4,333	4,340	3,972	4,837	4,728
Indonesia	9,125	11,970	10,729	6,600	5,800	5,800	5,800	5,200	4,980	4,980	4,980	4,980	4,980
Japan	26	49	46	41	60	54	49	49	50	60	60	60	60
Malaysia	2,900	3,675	3,560	3,600	3,700	4,300	4,300	4,300	4,000	3,900	3,900	3,900	3,900
Myanmar	733	190	184	105	100	100	150	145	50	50	50	50	50
New Zealand	189	158	208	180	160	137	109	134	135	145	127	127	127
Pakistan	102	305	296	351	147	203	169	174	208	208	208	208	208
Papua New Guinea	50	200	200	200	146	174	200	400	275	325	333	333	360
Philippines	31	39	139	148	180	170	246	308	213	213	228	289	289
Taiwan	11	7	7	6	0	0	0	0	4	4	4	4	4
Thailand	58	269	269	257	242	218	198	275	295	295	296	296	352
Vietnam			500	500	350	830	639	500	600	600	600	600	600

oil

RESERVES

Countries

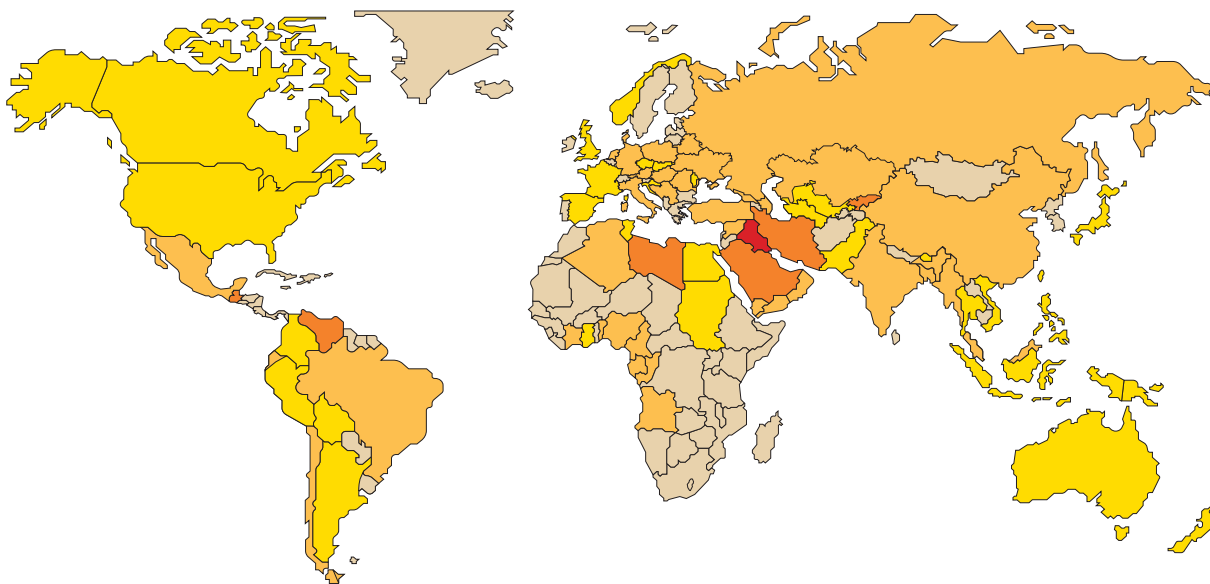
(millions of barrels as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Americas	119,002	156,305	153,750	155,424	164,755	159,431	165,912	165,551	165,333	163,088	174,197	155,199	149,885
Argentina	2,348	2,168	1,570	1,627	1,630	1,948	2,195	2,200	2,386	2,588	2,621	2,753	3,071
Barbados	1	3	3	3	3	3	2	2	2	2	2	3	3
Bolivia	157	180	185	111	118	139	128	108	132	132	132	132	397
Brazil	2,030	2,795	2,801	3,030	3,667	3,798	4,200	4,200	4,800	4,800	7,106	7,357	8,100
Canada	6,538	6,769	6,438	6,104	7,600	7,400	7,300	6,900	6,900	6,800	6,800	6,800	4,706
Chile	224	265	267	140	132	128	123	118	300	150	150	150	150
Colombia	1,200	1,978	1,789	1,744	1,643	1,900	3,400	3,500	2,800	2,800	2,577	2,577	2,577
Cuba		120	122	121	128	184	274	296	100	255	283	283	283
Ecuador	831	1,500	1,400	1,600	1,600	2,000	2,000	2,100	2,100	2,115	2,115	2,115	2,115
Guatemala		207	207	207	207	488	488	488	488	488	526	526	526
Mexico	49,260	51,983	51,298	50,925	51,225	44,439	49,775	49,800	48,800	40,000	47,822	28,400	28,260
Peru	670	847	823	822	782	799	800	800	800	800	355	324	310
Suriname		27	27	38	49	71	68	74	74	74	74	74	74
Trinidad and Tobago	538	623	622	573	541	488	560	565	551	584	534	605	686
United States	27,171	26,324	26,145	25,730	32,100	31,200	30,100	29,900	30,200	29,800	30,500	30,500	21,765
Venezuela	28,034	60,516	60,054	62,650	63,330	64,447	64,500	64,500	64,900	71,700	72,600	72,600	76,862

oil

RESERVES/PRODUCTION RATIOS

2000
(years)



More than 100
From 51 to 100

From 11 to 50
From 1 to 10

Not significant or not available

oil

RESERVES/PRODUCTION RATIOS

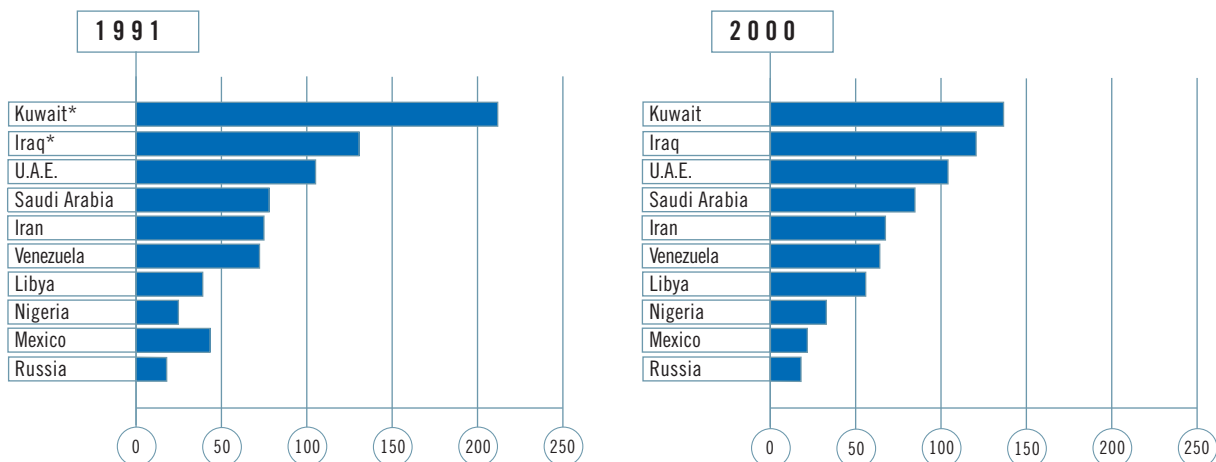
The first twenty Countries in the World

Crude and non conventional oil, natural gas liquids
(years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Kuwait	198	212		231	144	131	135	138	135	137	150	141
Iraq	73	135		632	566	514	491	471	264	145	122	119
United Arab Emirates	67	120	106	112	109	107	108	105	101	100	111	103
Saudi Arabia	120	103	80	79	82	83	82	83	81	80	86	81
Iran	45	81	75	72	69	69	66	65	69	69	69	65
Venezuela	44	80	71	71	70	66	59	55	51	58	64	62
Libya	58	45	40	42	45	45	44	56	55	53	56	55
Nigeria	31	25	25	25	25	24	24	25	18	21	30	29
Mexico	43	45	43	43	45	39	44	42	39	31	39	23
Russia			15	17	19	21	21	22	22	22	22	20
China	21	24	23	23	23	23	22	21	21	21	21	20
Algeria	15	17	17	17	19	20	19	18	18	18	18	18
Oman	24	17	16	16	16	16	15	16	15	16	16	15
Brazil	10	12	12	13	11	11	12	11	12	11	14	13
Qatar	37	16	24	16	25	25	26	18	14	13	14	12
United States	7	8	8	8	10	10	10	10	10	10	10	10
Indonesia	18	22	18	12	10	10	10	9	9	9	9	10
Norway	37	18	11	9	10	9	9	7	9	9	10	9
Canada	10	9	9	8	10	9	8	8	7	7	7	7
United Kingdom	6	5	6	6	5	5	4	4	5	5	5	5

The first ten countries in the World

(years)



*Figures for Kuwait and Iraq refer to 1990.

oil

RESERVES/PRODUCTION RATIOS

Main Countries

Crude and non conventional oil, natural gas liquids
(years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe												
Romania	19	20	23	23	22	30	30	31	32	33	30	31
Russia			15	17	19	21	21	22	22	22	22	20
Norway	37	18	11	9	10	9	9	7	9	9	10	9
Denmark	25	12	15	13	12	11	11	13	11	10	9	8
United Kingdom	6	5	6	6	5	5	4	4	5	5	5	5
Central Asia												
Georgia									32	48	96	48
Kazakhstan			17	16	19	36	34	32	28	28	24	21
Azerbaijan			14	14	15	17	17	18	17	14	11	11
Turkmenistan		13	14	15	19	22	21	13	16	13	11	10
Uzbekistan		15	15	13	10	7	5	5	9	10	9	9
Middle East												
Kuwait	198	212	1363	231	144	131	135	138	135	137	150	141
Iraq	73	135	922	632	566	514	491	471	264	145	122	119
United Arab Emirates	67	120	106	112	109	107	108	105	101	100	111	103
Saudi Arabia	120	103	80	79	82	83	82	83	81	80	86	81
Iran	45	81	75	72	69	69	66	65	69	69	69	65
Africa												
Libya	58	45	40	42	45	45	44	56	55	53	56	55
Nigeria	31	25	25	25	25	24	24	25	18	21	30	29
Angola	25	12	10	8	7	11	23	21	21	20	20	20
Algeria	15	17	17	17	19	20	19	18	18	18	18	18
Egypt	12	13	19	11	10	10	10	12	11	12	11	10
Asia and the Pacific												
China	21	24	23	23	23	23	22	21	21	21	21	20
India	17	16	17	26	30	23	21	21	16	16	15	18
Malaysia	17	16	15	15	16	17	16	16	15	15	15	15
Australia	7	7	7	7	9	7	8	7	8	8	13	10
Indonesia	18	22	18	12	10	10	10	9	9	9	9	10
Americas												
Venezuela	44	80	71	71	70	66	59	55	51	58	64	62
Mexico	43	45	43	43	45	39	44	42	39	31	39	23
Brazil	10	12	12	13	11	11	12	11	12	11	14	13
United States	7	8	8	8	10	10	10	10	10	10	10	10
Canada	10	9	9	8	10	9	8	8	7	7	7	7

oil

RESERVES/PRODUCTION RATIOS

Areas and Aggregates

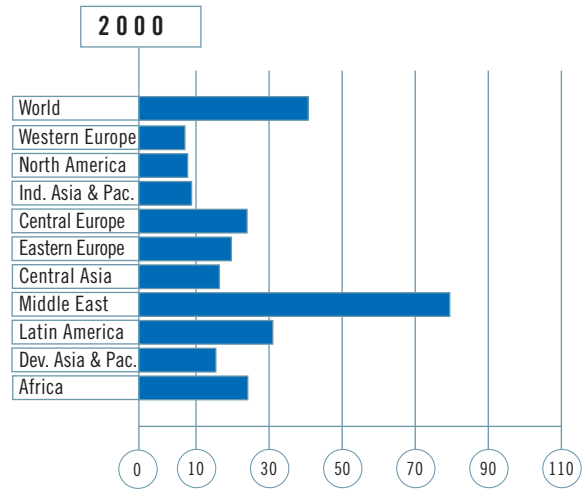
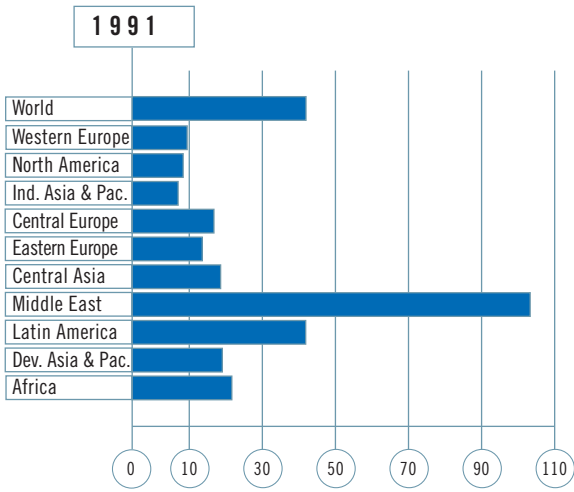
Crude and non conventional oil, natural gas liquids
(years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	18	14	13	14	14	14	14	14	14	15	14	14
Western Europe	13	11	9	8	8	7	7	6	8	8	8	8
Central Europe	14	17	16	17	18	22	21	21	21	23	23	23
Eastern Europe	20	15	15	17	19	20	21	22	22	22	21	20
Central Asia			17	17	19	28	25	24	22	20	18	16
Asia and the Pacific	18	20	19	18	17	17	17	16	15	15	16	15
Ind. Asia and the Pacific	7	8	7	7	8	7	7	7	7	8	13	10
Dev. Asia and the Pacific	20	21	20	19	18	18	18	17	16	16	16	16
Middle East	88	102	105	95	92	90	89	89	86	82	84	80
Africa	28	24	24	23	22	22	23	26	23	24	27	26
Americas	17	23	22	22	23	22	23	22	21	21	23	20
North America	7	8	8	8	10	10	9	9	9	9	10	9
Latin America	34	45	42	42	42	38	39	36	34	33	37	31
World	32	42	42	41	41	40	40	39	39	38	39	37
Developed countries	9	9	8	8	9	9	8	8	8	8	9	9
Transition economies	19	14	15	17	19	21	22	22	22	21	21	20
Developing Countries	51	64	63	60	59	57	56	55	54	52	54	51
International organisations												
EUROPEAN UNION	7	6	7	7	7	5	6	6	6	6	6	6
OECD	14	15	14	14	15	13	14	13	13	12	14	11
OPEC	69	86	85	80	79	78	76	75	72	71	75	71

oil

RESERVES/PRODUCTION RATIOS

Areas
(years)



oil

RESERVES/PRODUCTION RATIOS

Countries

Crude and non conventional oil, natural gas liquids
(years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	18	14	13	14	14	14	14	14	14	15	14	14
Albania	27	26	32	49	46	20	34	42	62	58	72	67
Austria	14	10	9	10	9	13	12	9	11	12	12	12
Belorussia									15	15	15	15
Bulgaria	3	30	31	33	34	17	15	15	41	41	41	41
Croatia					10	10	12	10	4	4	9	9
Czech Republic						28	3	2	2	2	5	6
Denmark	25	12	15	13	12	11	11	13	11	10	9	8
France	9	7	7	7	7	5	6	7	7	9	8	8
Germany	6	7	8	9	8	8	12	14	14	15	14	11
Greece	4	2	3	5			4	3	3	4	110	5
Hungary	11	15	9	9	6	7	6	5	6	8	9	8
Italy	36	22	23	23	26	18	19	18	17	19	20	22
Netherlands	6	5	5	6	14	3	14	6	4	6	7	6
Norway	37	18	11	9	10	9	9	7	9	9	10	9
Poland	8	8	22	29	21	19	17	33	22	14	33	22
Romania	19	20	23	23	22	30	30	31	32	33	30	31
Russia			15	17	19	21	21	22	22	22	22	20
Serbia and Montenegro		19	19	17	16	17	18	18	10	11	11	12
Slovakia					20	25	26	25	25	25	25	25
Spain	4	3	2	2	2	3	3	4	11	8	6	8
Turkey	21	12	12	10	10	10	10	10	11	15	15	15
Ukraine									11	12	13	13
United Kingdom	6	5	6	6	5	5	4	4	5	5	5	5
Ex USSR	19	14										
Central Asia			17	17	19	28	25	24	22	20	18	16
Azerbaijan			14	14	15	17	17	18	17	14	11	11
Georgia									32	48	96	48
Kazakhstan			17	16	19	36	34	32	28	28	24	21
Kyrgyzstan			287	364	470	470	411	411	55	55	55	55
Tajikistan			381	674	822	822	822	822	33	33		
Turkmenistan		13	14	15	19	22	21	13	16	13	11	10
Uzbekistan		15	15	13	10	7	5	5	9	10	9	9

oil

RESERVES/PRODUCTION RATIOS

Countries

Crude and non conventional oil, natural gas liquids
(years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Middle East	88	102	105	95	92	90	89	89	86	82	84	80
Bahrain	9	5	4	4	3	3	3	2	12	12	10	10
Iran	45	81	75	72	69	69	66	65	69	69	69	65
Iraq	73	135		632	566	514	491	471	264	145	122	119
Israel	0	0	0	0		0	0	0	11	11	11	11
Kuwait	198	212		231	144	131	135	138	135	137	150	141
Oman	24	17	16	16	16	16	15	16	15	16	16	15
Qatar	37	16	24	16	25	25	26	18	14	13	14	12
Saudi Arabia	120	103	80	79	82	83	82	83	81	80	86	81
Syria	22	11	9	9	8	8	12	11	11	11	12	13
United Arab Emirates	67	120	106	112	109	107	108	105	101	100	111	103
Yemen		60	59	29	25	15	25	29	29	28	27	24
Africa	28	24	24	23	22	22	23	26	23	24	27	26
Algeria	15	17	17	17	19	20	19	18	18	18	18	18
Angola	25	12	10	8	7	11	23	21	21	20	20	20
Benin	42	66	70	20	14	18	37	79	79	22	22	22
Cameroon	9	8	8	7	7	6	6	9	9	11	12	13
Congo	19	15	15	14	12	12	12	20	18	16	16	15
Côte d'Ivoire	15	140	228	47	274	137	16	15	17	20	21	24
Egypt	12	13	19	11	10	10	10	12	11	12	11	10
Equatorial Guinea						2	4	2	1	0	0	0
Gabon	10	7	7	7	7	6	10	10	10	19	21	22
Ghana	37					0	0	6	6	6	7	7
Libya	58	45	40	42	45	45	44	56	55	53	56	55
Morocco	6	18	0	0	0	0	0	0	0	1	1	1
Nigeria	31	25	25	25	25	24	24	25	18	21	30	29
South Africa	4	0	0	0	0	0	0	0	0	0	0	0
Sudan								352	152	72	11	4
Tunisia	44	51	42	44	12	11	12	12	10	10	10	10

oil

RESERVES/PRODUCTION RATIOS

Countries

Crude and non conventional oil, natural gas liquids
(years)

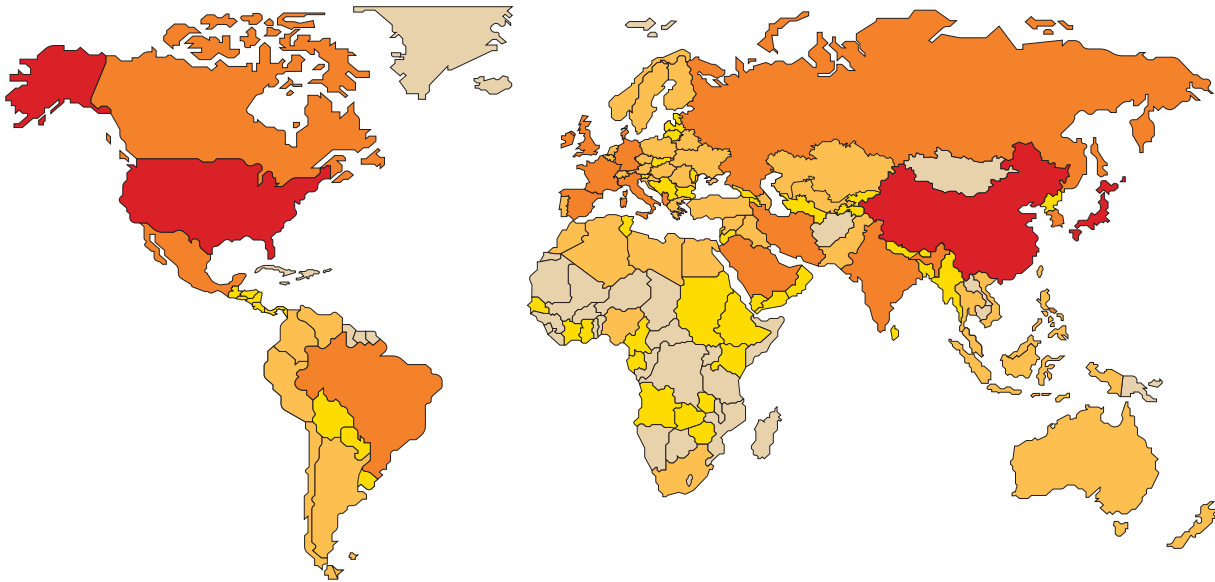
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	18	20	19	18	17	17	17	16	15	15	16	15
Australia	7	7	7	7	9	7	8	7	8	8	13	10
Bangladesh		0	0	0	1	4	4	5	6	7	44	39
Brunei	23	20	18	16	16	18	20	20	20	21	21	19
China	21	24	23	23	23	23	22	21	21	21	21	20
India	17	16	17	26	30	23	21	21	16	16	15	18
Indonesia	18	22	18	12	10	10	10	9	9	9	9	10
Japan	6	11	7	6	9	8	7	6	7	9	10	10
Malaysia	17	16	15	15	16	17	16	16	15	15	15	15
Myanmar	71	37	34	21	21	21	46	50	17	17	17	17
New Zealand	18	10	12	11	6	5	6	7	6	7	7	8
Pakistan	11	15	12	15	7	10	8	8	10	10	10	11
Papua New Guinea					3	4	5	10	9	11	9	10
Philippines	12	23	119	50	49	93	225	844	584	584	625	792
Taiwan	7	6	9	13	0	0	0	0	11	11	11	11
Thailand	3	13	10	9	10	6	6	6	6	6	6	5
Vietnam			17	12	8	16	10	8	8	7	6	5
Americas	17	23	22	22	23	22	23	22	21	21	23	20
Argentina	13	12	8	7	7	8	8	7	7	8	8	9
Barbados	1	9	8	9	9	9	5	5	5	5	5	8
Bolivia	16	16	16	10	11	11	10	9	8	8	9	9
Brazil	10	12	12	13	11	11	12	11	12	11	14	13
Canada	10	9	9	8	10	9	8	8	7	7	7	7
Chile	14	29	31	18	17	17	20	23	63	32	32	32
Colombia	18	12	11	11	10	11	16	15	12	10	9	10
Cuba		28	36	21	18	24	31	31	9	24	21	18
Ecuador	8	14	13	14	13	14	14	15	14	15	15	15
Guatemala		157	167	110	113	191	149	89	67	67	72	72
Mexico	43	45	43	43	45	39	44	42	39	31	39	23
Peru	9	18	19	19	17	17	18	18	18	19	9	9
Suriname		18	15	21	27	35	27	23	25	21	20	20
Trinidad and Tobago	8	11	12	11	12	9	11	11	11	12	11	12
United States	7	8	8	8	10	10	10	10	10	10	10	10
Venezuela	44	80	71	71	70	66	59	55	51	58	64	62

oil

CONSUMPTION

2000

(thousands of barrels/day)



More than 3000
From 1001 to 3000

From 101 to 1000
From 11 to 100

From 0 to 10 or not available

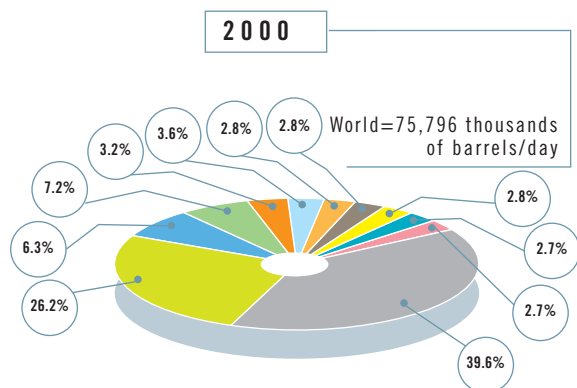
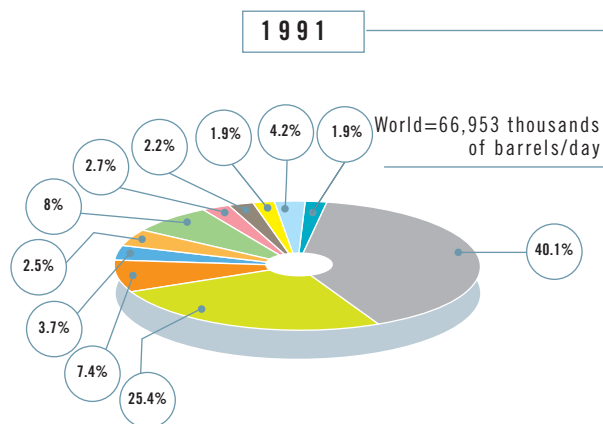
oil

CONSUMPTION

The first twenty Countries in the World
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
United States	16,052	17,239	17,006	17,299	17,476	17,974	17,978	18,565	18,902	19,198	19,817	19,825
Japan	4,434	5,296	5,368	5,485	5,414	5,703	5,729	5,769	5,723	5,519	5,571	5,489
China	1,863	2,320	2,479	2,647	3,071	3,059	3,323	3,730	4,205	4,188	4,483	4,794
Germany	2,654	2,688	2,832	2,847	2,908	2,883	2,882	2,922	2,917	2,921	2,836	2,764
Russia			4,963	4,729	3,983	3,170	3,164	2,839	2,848	2,651	2,423	2,444
Canada	1,531	1,722	1,641	1,690	1,755	1,771	1,815	1,872	1,951	1,984	2,061	2,147
Brazil	1,179	1,451	1,475	1,507	1,579	1,644	1,753	1,879	2,057	2,083	2,107	2,122
South Korea	551	1,046	1,261	1,526	1,684	1,840	2,008	2,101	2,255	1,918	2,062	2,117
Mexico	1,485	1,762	1,835	1,863	1,836	1,934	1,819	1,789	1,854	1,946	1,999	2,048
India	891	1,186	1,254	1,312	1,348	1,444	1,535	1,672	1,736	1,841	1,998	2,035
France	1,750	1,821	1,935	1,930	1,877	1,865	1,919	1,949	1,969	2,019	2,020	1,987
Italy	1,703	1,874	1,862	1,896	1,891	1,869	1,942	1,920	1,934	1,939	1,846	1,812
United Kingdom	1,632	1,760	1,785	1,800	1,829	1,833	1,815	1,849	1,799	1,790	1,750	1,729
Spain	838	1,009	1,065	1,101	1,055	1,119	1,189	1,199	1,266	1,353	1,401	1,443
Saudi Arabia	892	906	962	990	1,077	1,112	1,071	1,145	1,194	1,260	1,344	1,388
Iran	819	1,011	1,075	1,079	1,136	1,168	981	1,028	1,077	1,089	1,089	1,058
Indonesia	475	649	682	716	793	791	824	895	967	932	884	962
Australia	633	732	724	722	760	783	814	831	846	846	867	870
Netherlands	619	742	757	770	762	762	796	778	814	811	835	854
Taiwan	371	570	583	600	638	690	734	738	760	782	823	835

The first ten Countries in the World
(percentage)



MEXICO
JAPAN
GERMANY

INDIA
SOUTH KOREA
CHINA

CANADA
BRAZIL
UNITED STATES

RUSSIA
REST OF THE WORLD

oil

CONSUMPTION

Main Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe												
Germany	2,654	2,688	2,832	2,847	2,908	2,883	2,882	2,922	2,917	2,921	2,836	2,764
Russia			4,963	4,729	3,983	3,170	3,164	2,839	2,848	2,651	2,423	2,444
France	1,750	1,821	1,935	1,930	1,877	1,865	1,919	1,949	1,969	2,019	2,020	1,987
Italy	1,703	1,874	1,862	1,896	1,891	1,869	1,942	1,920	1,934	1,939	1,846	1,812
United Kingdom	1,632	1,760	1,785	1,800	1,829	1,833	1,815	1,849	1,799	1,790	1,750	1,729
Central Asia												
Azerbaijan			190	133	154	185	152	153	157	188	201	203
Uzbekistan			214	174	186	170	148	145	156	179	161	162
Kazakhstan			463	478	320	277	248	230	204	149	132	133
Turkmenistan			76	101	57	75	76	72	82	89	94	95
Tajikistan			39	112	70	24	25	25	26	25	25	25
Middle East												
Saudi Arabia	892	906	962	990	1,077	1,112	1,071	1,145	1,194	1,260	1,344	1,388
Iran	819	1,011	1,075	1,079	1,136	1,168	981	1,028	1,077	1,089	1,089	1,058
Iraq	300	366	285	344	410	440	434	425	430	441	403	453
Kuwait	210	69	128	200	201	240	250	271	298	350	386	403
Syria	161	191	206	204	216	228	234	242	245	261	269	277
Africa												
South Africa	305	371	375	382	389	423	469	445	434	451	454	447
Egypt	373	417	411	400	374	378	417	436	460	503	500	444
Libya	121	143	148	147	160	189	207	208	215	221	252	279
Nigeria	185	164	198	268	218	178	206	229	250	239	210	236
Algeria	180	230	227	237	223	222	215	201	197	205	176	182
Asia and the Pacific												
Japan	4,434	5,296	5,368	5,485	5,414	5,703	5,729	5,769	5,723	5,519	5,571	5,489
China	1,863	2,320	2,479	2,647	3,071	3,059	3,323	3,730	4,205	4,188	4,483	4,794
South Korea	551	1,046	1,261	1,526	1,684	1,840	2,008	2,101	2,255	1,918	2,062	2,117
India	891	1,186	1,254	1,312	1,348	1,444	1,535	1,672	1,736	1,841	1,998	2,035
Indonesia	475	649	682	716	793	791	824	895	967	932	884	962
Americas												
United States	16,052	17,239	17,006	17,299	17,476	17,974	17,978	18,565	18,902	19,198	19,817	19,825
Canada	1,531	1,722	1,641	1,690	1,755	1,771	1,815	1,872	1,951	1,984	2,061	2,147
Brazil	1,179	1,451	1,475	1,507	1,579	1,644	1,753	1,879	2,057	2,083	2,107	2,122
Mexico	1,485	1,762	1,835	1,863	1,836	1,934	1,819	1,789	1,854	1,946	1,999	2,048
Argentina	433	423	443	456	463	461	465	480	494	513	510	508

oil

CONSUMPTION

Areas and Aggregates

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	22,232	22,799	22,013	21,099	19,951	19,067	19,381	19,299	19,400	19,443	19,002	18,914
Western Europe	11,971	13,004	13,418	13,613	13,653	13,725	14,023	14,269	14,385	14,622	14,461	14,347
Central Europe	1,357	1,393	1,639	1,443	1,408	1,392	1,403	1,503	1,537	1,539	1,506	1,507
Eastern Europe	8,904	8,402	6,956	6,043	4,890	3,949	3,955	3,527	3,478	3,282	3,034	3,060
Central Asia			1,208	1,113	849	757	672	661	659	674	652	658
Asia and the Pacific	10,541	13,920	14,458	15,351	16,227	17,049	17,932	18,912	19,831	19,347	20,165	20,644
Ind. Asia and the Pacific	6,418	8,346	8,621	9,094	9,268	9,834	10,124	10,312	10,527	10,085	10,458	10,473
Dev. Asia and the Pacific	4,123	5,574	5,837	6,257	6,958	7,215	7,807	8,600	9,305	9,262	9,707	10,171
Middle East	2,832	3,083	3,241	3,437	3,677	3,846	3,676	3,823	3,987	4,168	4,296	4,397
Africa	1,693	1,928	1,965	2,063	2,016	2,080	2,201	2,219	2,281	2,346	2,329	2,340
Americas	22,165	24,264	24,067	24,547	24,880	25,685	25,840	26,639	27,444	27,891	28,659	28,843
North America	17,583	18,961	18,647	18,989	19,231	19,746	19,793	20,437	20,853	21,182	21,878	21,972
Latin America	4,582	5,303	5,420	5,558	5,649	5,939	6,047	6,202	6,591	6,709	6,781	6,871
World	59,460	65,994	66,953	67,611	67,600	68,483	69,702	71,553	73,602	73,870	75,103	75,796
Developed countries	35,972	40,311	40,686	41,695	42,152	43,305	43,940	45,018	45,764	45,889	46,796	46,793
Transition economies	10,261	9,795	9,803	8,600	7,147	6,098	6,030	5,692	5,674	5,495	5,192	5,225
Developing Countries	13,227	15,888	16,464	17,316	18,300	19,080	19,732	20,844	22,164	22,486	23,114	23,779
International organisations												
EUROPEAN UNION	11,111	11,998	12,408	12,573	12,540	12,632	12,850	13,049	13,169	13,392	13,234	13,104
OECD	37,435	41,496	41,877	42,842	43,223	44,402	44,877	45,922	46,667	46,815	47,619	47,622
OPEC	3,690	4,093	4,285	4,579	4,831	5,015	4,844	5,051	5,347	5,407	5,426	5,652

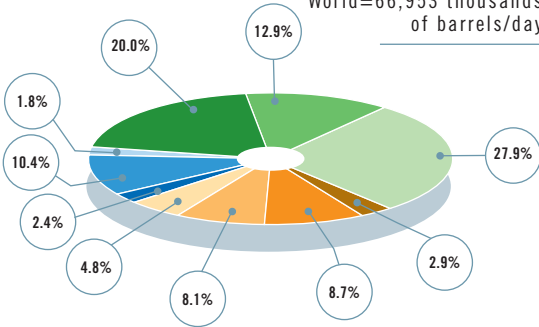
oil

CONSUMPTION

Areas (percentage)

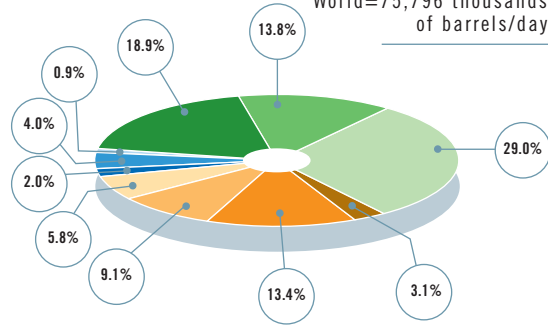
1991

World=66,953 thousands of barrels/day



2000

World=75,796 thousands of barrels/day



- WESTERN EUROPE
- INDUSTRIALIZED ASIA AND THE PACIFIC
- NORTH AMERICA
- AFRICA
- DEVELOPING ASIA AND THE PACIFIC
- LATIN AMERICA
- MIDDLE EAST
- CENTRAL EUROPE
- EASTERN EUROPE
- CENTRAL ASIA

oil

CONSUMPTION

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	22,232	22,799	22,013	21,099	19,951	19,067	19,381	19,299	19,400	19,443	19,002	18,914
Albania	18	21	19	14	13	14	11	11	10	10	9	9
Austria	199	215	234	228	233	236	228	238	245	253	254	248
Belgium	404	463	494	508	500	510	498	564	589	599	568	555
Belorussia			577	429	287	258	233	231	202	203	193	195
Bosnia Herzegovina		38	35	11	32	19	19	20	20	21	21	22
Bulgaria	205	177	117	121	127	118	116	114	92	100	95	95
Cyprus	21	31	34	37	38	40	40	42	43	45	47	49
Croatia			73	68	73	76	83	79	88	96	100	103
Czech Republic	207	184	151	162	154	159	168	173	167	171	179	173
Denmark	224	193	194	193	200	212	221	238	229	223	220	213
Estonia			53	25	28	26	19	20	19	8	7	7
Finland	203	225	226	226	212	220	203	203	204	211	215	207
France	1,750	1,821	1,935	1,930	1,877	1,865	1,919	1,949	1,969	2,019	2,020	1,987
Germany	2,654	2,688	2,832	2,847	2,908	2,883	2,882	2,922	2,917	2,921	2,836	2,764
Gibraltar	6	10	17	18	18	18	18	18	18	18	18	18
Greece	243	313	316	324	333	340	355	368	374	392	384	397
Hungary	205	178	163	165	161	162	155	145	149	156	151	149
Iceland	10	15	13	14	15	15	15	17	17	18	19	19
Ireland	82	90	98	99	104	114	117	122	134	150	167	168
Italy	1,703	1,874	1,862	1,896	1,891	1,869	1,942	1,920	1,934	1,939	1,846	1,812
Latvia			63	57	49	53	44	45	39	34	32	32
Lithuania	182	88	78	75	74	69	74	82	72	73		
Luxembourg	23	33	39	40	40	40	37	38	40	42	45	48
Macedonia		21	20	19	21	16	17	25	21	18	19	19
Malta	6	12	13	13	16	15	17	19	20	20	21	21
Moldova			65	58	42	24	22	21	20	18	16	16
Netherlands	619	742	757	770	762	762	796	778	814	811	835	854
Norway	192	196	188	185	195	200	208	219	220	222	225	208
Poland	318	280	272	279	294	306	321	365	390	413	409	411
Portugal	182	252	251	277	266	271	290	280	297	327	332	327
Romania	284	357	294	271	243	229	231	262	270	242	217	217
Russia			4,963	4,729	3,983	3,170	3,164	2,839	2,848	2,651	2,423	2,444
Serbia and Montenegro			75	51	29	27	30	50	73	62	61	63
Slovakia	91	100	88	81	67	69	67	70	70	68	70	70
Slovenia	29	36	35	34	40	44	48	56	55	59	62	64
Spain	838	1,009	1,065	1,101	1,055	1,119	1,189	1,199	1,266	1,353	1,401	1,443
Sweden	355	320	320	334	332	357	356	379	359	363	360	353
Switzerland	272	265	277	279	267	263	266	271	267	279	272	266
Turkey	353	477	467	493	565	542	608	634	631	627	625	661
Ukraine			1,350	827	578	498	536	437	409	410	402	405
United Kingdom	1,632	1,760	1,785	1,800	1,829	1,833	1,815	1,849	1,799	1,790	1,750	1,729
Ex USSR	8,904	8,402										

oil

CONSUMPTION

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Central Asia			1,208	1,113	849	757	672	661	659	674	652	658
Armenia			88	49	24	8	6	3	3	10	8	8
Azerbaijan			190	133	154	185	152	153	157	188	201	203
Georgia			91	28	15	8	3	19	20	20	19	19
Kazakhstan			463	478	320	277	248	230	204	149	132	133
Kyrgyzstan			47	38	23	9	13	15	11	12	12	12
Tajikistan			39	112	70	24	25	25	26	25	25	25
Turkmenistan			76	101	57	75	76	72	82	89	94	95
Uzbekistan			214	174	186	170	148	145	156	179	161	162
Middle East	2,832	3,083	3,241	3,437	3,677	3,846	3,676	3,823	3,987	4,168	4,296	4,397
Bahrain	25	25	23	24	24	25	25	25	24	27	27	28
Iran	819	1,011	1,075	1,079	1,136	1,168	981	1,028	1,077	1,089	1,089	1,058
Iraq	300	366	285	344	410	440	434	425	430	441	403	453
Israel	131	178	179	192	202	215	233	229	238	253	266	271
Jordan	55	66	65	75	77	81	86	90	93	95	98	100
Kuwait	210	69	128	200	201	240	250	271	298	350	386	403
Lebanon	54	44	55	56	70	76	86	90	102	99	103	106
Oman	31	41	63	58	57	46	55	53	47	47	51	54
Qatar	23	34	35	38	40	43	47	51	58	61	62	66
Saudi Arabia	892	906	962	990	1,077	1,112	1,071	1,145	1,194	1,260	1,344	1,388
Syria	161	191	206	204	216	228	234	242	245	261	269	277
United Arab Emirates	81	98	102	106	111	112	108	110	114	117	128	123
Yemen	50	54	63	71	56	60	66	66	68	69	70	72

oil

CONSUMPTION

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Africa	1,693	1,928	1,965	2,063	2,016	2,080	2,201	2,219	2,281	2,346	2,329	2,340
Algeria	180	230	227	237	223	222	215	201	197	205	176	182
Angola	26	28	27	26	29	32	29	29	30	25	24	23
Benin	4	2	2	2	2	2	2	7	7	7	7	7
Cameroon	19	20	19	18	19	21	20	22	23	24	24	24
Congo	6	6	7	6	7	6	7	7	7	7	7	7
Côte d'Ivoire	28	21	23	22	21	24	25	24	24	26	26	26
Dem. Rep. Congo	21	24	24	22	25	26	26	26	26	24	25	26
Egypt	373	417	411	400	374	378	417	436	460	503	500	444
Ethiopia	12	19	19	13	17	19	21	22	21	21	21	21
Gabon	14	7	8	12	13	12	11	12	13	13	13	14
Ghana	16	20	19	22	23	25	27	29	29	32	32	34
Kenya	39	45	42	43	47	49	49	52	51	52	53	53
Libya	121	143	148	147	160	189	207	208	215	221	252	279
Morocco	96	112	117	132	136	148	142	136	142	145	149	152
Mozambique	9	8	6	7	8	7	7	7	7	8	8	9
Nigeria	185	164	198	268	218	178	206	229	250	239	210	236
Senegal	19	18	17	18	17	18	20	21	22	26	26	28
South Africa	305	371	375	382	389	423	469	445	434	451	454	447
Sudan	30	37	34	32	24	33	32	31	37	34	35	37
Tanzania	11	13	13	13	12	12	12	12	14	11	11	11
Tunisia	54	66	72	72	78	72	70	73	77	79	81	84
Zambia	12	11	11	10	10	11	11	11	11	11	11	11
Zimbabwe	16	20	22	21	22	26	28	27	27	27	28	28
Others Africa	96	125	127	137	140	146	148	153	156	154	155	159

oil

CONSUMPTION

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	10,541	13,920	14,458	15,351	16,227	17,049	17,932	18,912	19,831	19,347	20,165	20,644
Australia	633	732	724	722	760	783	814	831	846	846	867	870
Bangladesh	31	39	35	38	43	45	58	59	68	64	66	66
Brunei	5	6	7	8	9	9	11	12	13	11	12	13
China	1,863	2,320	2,479	2,647	3,071	3,059	3,323	3,730	4,205	4,188	4,483	4,794
Hong Kong	104	135	134	166	174	186	199	194	198	245	353	341
India	891	1,186	1,254	1,312	1,348	1,444	1,535	1,672	1,736	1,841	1,998	2,035
Indonesia	475	649	682	716	793	791	824	895	967	932	884	962
Japan	4,434	5,296	5,368	5,485	5,414	5,703	5,729	5,769	5,723	5,519	5,571	5,489
Malaysia	191	267	287	306	327	362	412	434	469	445	454	473
Myanmar	24	14	14	20	21	24	27	28	33	32	34	36
Nepal	3	5	8	8	8	9	11	12	14	15	15	15
New Zealand	81	106	103	107	108	119	122	122	127	127	127	135
North Korea		96	94	94	93	92	91	90	84	80	80	80
Pakistan	149	209	213	233	255	276	292	324	326	346	377	383
Philippines	154	223	198	244	285	312	338	355	382	372	348	361
Singapore	244	460	448	487	491	514	518	556	618	648	654	687
South Korea	551	1,046	1,261	1,526	1,684	1,840	2,008	2,101	2,255	1,918	2,062	2,117
Sri Lanka	30	32	32	39	39	43	43	57	68	62	64	65
Thailand	222	413	428	479	538	614	690	770	762	692	698	687
Taiwan	371	570	583	600	638	690	734	738	760	782	823	835
Vietnam	38	58	52	66	81	90	107	117	131	135	144	152
Others Asia	47	54	53	47	47	45	46	46	47	47	49	51

oil

CONSUMPTION

Countries

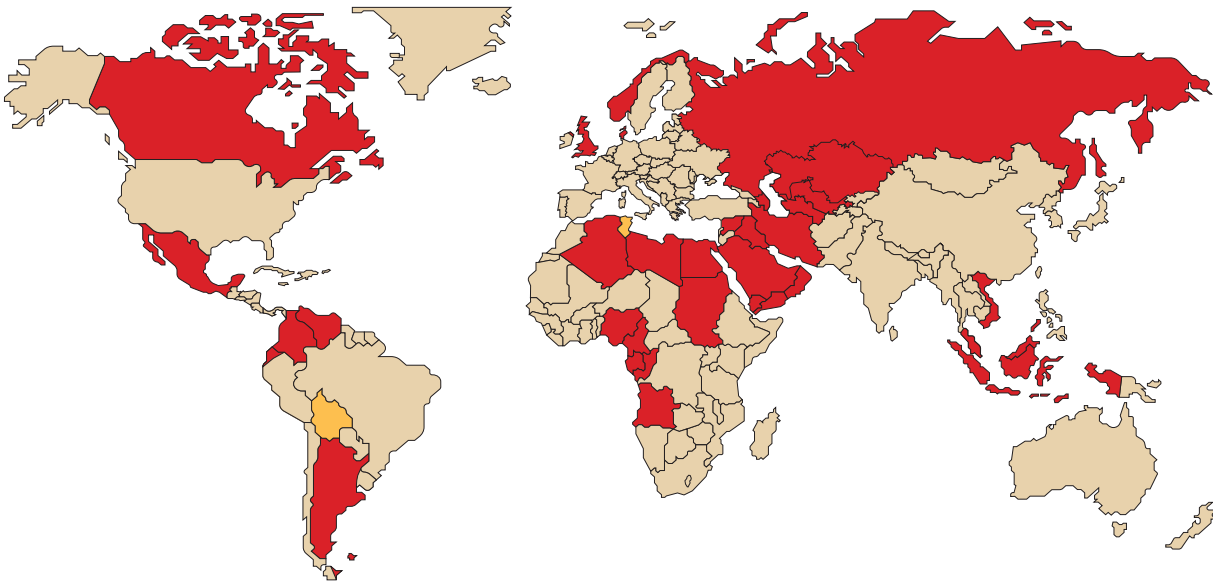
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Americas	22,165	24,264	24,067	24,547	24,880	25,685	25,840	26,639	27,444	27,891	28,659	28,843
Argentina	433	423	443	456	463	461	465	480	494	513	510	508
Bolivia	23	26	27	27	28	30	33	35	40	41	42	42
Brazil	1,179	1,451	1,475	1,507	1,579	1,644	1,753	1,879	2,057	2,083	2,107	2,122
Canada	1,531	1,722	1,641	1,690	1,755	1,771	1,815	1,872	1,951	1,984	2,061	2,147
Chile	96	139	144	156	172	184	202	217	232	238	243	247
Colombia	177	211	213	234	253	266	286	294	307	303	277	272
Costa Rica	14	18	19	28	28	33	33	31	31	37	37	41
Cuba	215	223	178	159	152	162	173	183	190	186	187	188
Dominican Republic	39	59	59	70	67	71	74	76	82	84	86	88
Ecuador	91	104	109	110	106	113	122	128	132	135	138	139
El Salvador	12	16	20	23	26	30	33	29	35	37	37	39
Guatemala	26	27	30	35	36	38	45	44	47	57	57	59
Haiti	5	7	6	5	5	1	7	8	9	9	9	9
Honduras	12	15	15	17	18	21	26	24	25	29	29	30
Jamaica	32	49	49	50	51	52	59	62	64	65	66	67
Mexico	1,485	1,762	1,835	1,863	1,836	1,934	1,819	1,789	1,854	1,946	1,999	2,048
Netherlands Antilles	63	47	49	50	49	51	51	51	51	52	52	52
Nicaragua	13	13	13	15	15	16	16	18	20	23	24	25
Panama	32	37	40	43	42	45	46	47	48	54	55	57
Paraguay	11	14	14	17	19	22	24	22	24	27	28	29
Peru	116	121	116	117	122	125	151	160	166	160	166	164
Trinidad and Tobago	23	18	19	20	18	19	19	18	19	20	20	21
United States	16,052	17,239	17,006	17,299	17,476	17,974	17,978	18,565	18,902	19,198	19,817	19,825
Uruguay	23	28	31	35	36	32	38	43	42	43	44	45
Venezuela	404	423	445	454	460	519	500	490	547	491	491	503
Others Americas	58	73	72	68	69	71	71	73	76	76	76	76

oil

PRODUCTION/CONSUMPTION RATIOS

2000



Net exporters (>1.05)

Self-sufficient (between 0.95 and 1.05)

Net importers (<0.95)

oil

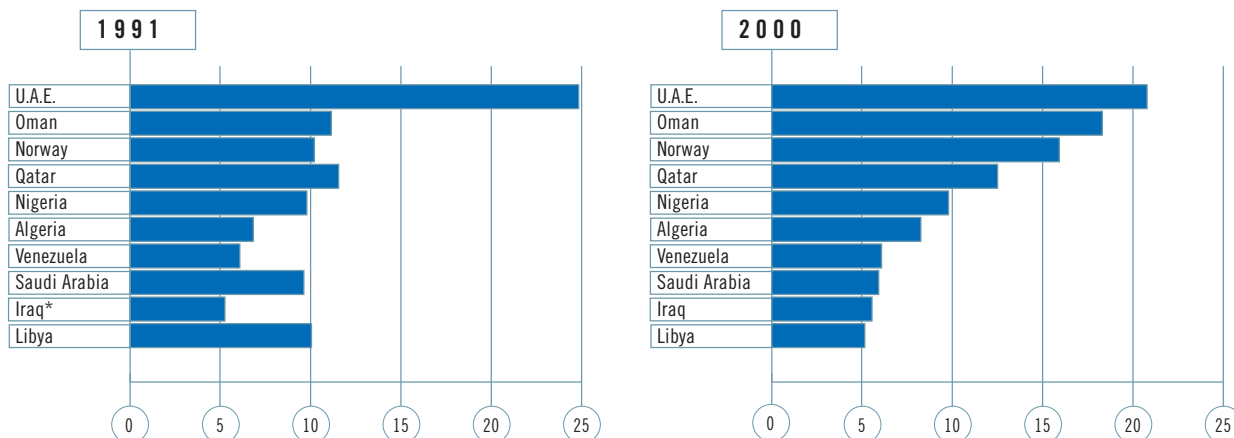
PRODUCTION/CONSUMPTION RATIOS

The first twenty Countries in the World

Crude and non conventional oil, natural gas liquids

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
United Arab Emirates	16.32	22.92	24.93	22.64	22.17	22.36	23.02	23.42	23.30	22.80	18.96	21.26
Oman	16.58	17.17	11.44	12.96	13.87	17.51	15.68	16.91	19.26	19.11	17.66	17.81
Norway	4.20	8.74	10.38	11.97	12.19	13.46	13.99	14.75	14.92	14.11	13.91	15.98
Qatar	14.60	12.71	12.12	12.73	11.70	10.87	11.12	11.17	12.08	12.39	11.97	12.51
Nigeria	8.11	11.01	9.55	7.29	9.28	11.30	9.87	9.86	9.54	9.19	9.80	9.16
Algeria	7.08	6.39	6.41	6.09	5.86	5.79	6.04	6.94	7.25	6.98	7.80	7.89
Venezuela	4.31	4.89	5.22	5.30	5.37	5.12	6.03	6.57	6.35	6.93	6.30	6.40
Saudi Arabia	4.20	7.66	9.16	9.06	8.00	7.76	8.09	7.55	7.42	7.07	6.19	6.35
Iraq	4.81	5.53	1.04	1.26	1.18	1.21	1.28	1.37	2.70	4.82	6.29	5.71
Libya	8.90	9.66	10.52	10.03	8.74	7.36	6.92	6.94	6.88	6.95	5.71	5.28
Kuwait	5.27	17.98	1.50	5.49	8.77	7.99	7.75	7.06	6.54	5.51	4.59	4.66
Iran	2.76	3.13	3.16	3.27	3.26	3.14	3.77	3.62	3.41	3.40	3.28	3.55
Russia			1.85	1.68	1.75	2.00	1.95	2.13	2.15	2.31	2.54	2.66
Mexico	2.12	1.78	1.78	1.75	1.71	1.63	1.69	1.84	1.84	1.80	1.67	1.68
United Kingdom	1.66	1.10	1.09	1.11	1.17	1.47	1.54	1.52	1.52	1.59	1.67	1.56
Indonesia	2.87	2.32	2.41	2.17	2.01	1.99	1.90	1.81	1.65	1.69	1.70	1.48
Canada	1.17	1.15	1.21	1.22	1.24	1.28	1.32	1.31	1.32	1.35	1.24	1.27
Brazil	0.48	0.45	0.43	0.43	0.55	0.57	0.54	0.56	0.54	0.59	0.64	0.70
China	1.34	1.20	1.14	1.07	0.95	0.93	0.90	0.84	0.76	0.76	0.71	0.67
United States	0.68	0.54	0.54	0.53	0.50	0.48	0.48	0.46	0.46	0.44	0.41	0.41

The first ten Countries in the World



* Figures for Iraq refer to 1990.

oil

PRODUCTION/CONSUMPTION RATIOS

Main Countries

Crude and non conventional oil, natural gas liquids

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe												
Norway	4.20	8.74	10.38	11.97	12.19	13.46	13.99	14.75	14.92	14.11	13.91	15.98
Russia			1.85	1.68	1.75	2.00	1.95	2.13	2.15	2.31	2.54	2.66
Denmark	0.26	0.63	0.73	0.81	0.84	0.87	0.84	0.87	1.00	1.07	1.36	1.71
United Kingdom	1.66	1.10	1.09	1.11	1.17	1.47	1.54	1.52	1.52	1.59	1.67	1.56
Romania	0.78	0.46	0.47	0.52	0.59	0.63	0.63	0.55	0.51	0.54	0.60	0.58
Central Asia												
Kazakhstan			1.15	1.19	1.52	1.47	1.71	1.98	2.56	3.52	4.64	5.30
Turkmenistan			1.44	1.00	1.42	0.89	0.92	1.53	1.15	1.28	1.51	1.52
Azerbaijan			1.24	1.78	1.42	1.02	1.26	1.23	1.19	1.26	1.40	1.41
Uzbekistan			0.27	0.38	0.42	0.65	1.12	1.16	1.12	0.92	1.07	1.07
Georgia			0.04	0.07	0.07	0.25	0.31	0.16	0.15	0.10	0.05	0.10
Middle East												
United Arab Emirates	16.32	22.92	24.93	22.64	22.17	22.36	23.02	23.42	23.30	22.80	18.96	21.26
Saudi Arabia	4.20	7.66	9.16	9.06	8.00	7.76	8.09	7.55	7.42	7.07	6.19	6.35
Iraq	4.81	5.53	1.04	1.26	1.18	1.21	1.28	1.37	2.70	4.82	6.29	5.71
Kuwait	5.27	17.98	1.50	5.49	8.77	7.99	7.75	7.06	6.54	5.51	4.59	4.66
Iran	2.76	3.13	3.16	3.27	3.26	3.14	3.77	3.62	3.41	3.40	3.28	3.55
Africa												
Angola	8.95	16.95	18.35	18.38	17.27	15.50	22.24	23.58	23.84	29.51	31.69	31.78
Nigeria	8.11	11.01	9.55	7.29	9.28	11.30	9.87	9.86	9.54	9.19	9.80	9.16
Algeria	7.08	6.39	6.41	6.09	5.86	5.79	6.04	6.94	7.25	6.98	7.80	7.89
Libya	8.90	9.66	10.52	10.03	8.74	7.36	6.92	6.94	6.88	6.95	5.71	5.28
Egypt	2.40	2.20	2.23	2.30	2.56	2.44	2.27	2.11	1.94	1.75	1.71	1.83
Asia and the Pacific												
Malaysia	2.41	2.38	2.29	2.17	1.93	1.92	1.84	1.69	1.59	1.63	1.54	1.50
Indonesia	2.87	2.32	2.41	2.17	2.01	1.99	1.90	1.81	1.65	1.69	1.70	1.48
Australia	0.95	0.84	0.85	0.87	0.74	0.77	0.71	0.72	0.76	0.73	0.70	0.91
China	1.34	1.20	1.14	1.07	0.95	0.93	0.90	0.84	0.76	0.76	0.71	0.67
India	0.70	0.61	0.55	0.49	0.40	0.48	0.50	0.44	0.44	0.41	0.37	0.36
Americas												
Venezuela	4.31	4.89	5.22	5.30	5.37	5.12	6.03	6.57	6.35	6.93	6.30	6.40
Mexico	2.12	1.78	1.78	1.75	1.71	1.63	1.69	1.84	1.84	1.80	1.67	1.68
Canada	1.17	1.15	1.21	1.22	1.24	1.28	1.32	1.31	1.32	1.35	1.24	1.27
Brazil	0.48	0.45	0.43	0.43	0.55	0.57	0.54	0.56	0.54	0.59	0.64	0.70
United States	0.68	0.54	0.54	0.53	0.50	0.48	0.48	0.46	0.46	0.44	0.41	0.41

oil

PRODUCTION/CONSUMPTION RATIOS

Areas and Aggregates

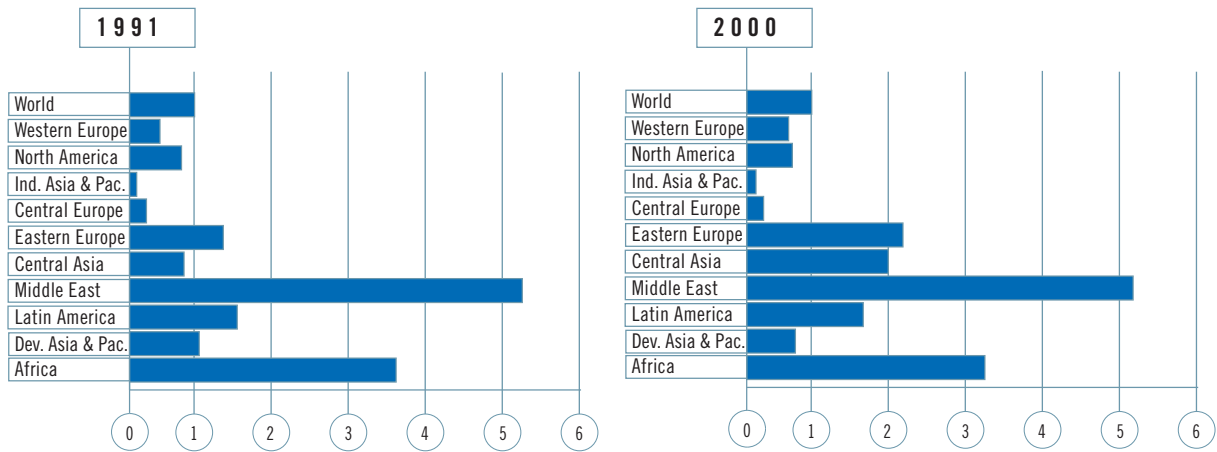
Crude and non conventional oil, natural gas liquids

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	0.69	0.66	0.64	0.63	0.63	0.67	0.66	0.68	0.68	0.67	0.70	0.72
Western Europe	0.34	0.33	0.34	0.35	0.37	0.44	0.45	0.47	0.46	0.45	0.46	0.47
Central Europe	0.29	0.22	0.17	0.19	0.20	0.20	0.21	0.19	0.18	0.16	0.16	0.16
Eastern Europe	1.23	1.25	1.34	1.34	1.45	1.64	1.59	1.75	1.80	1.90	2.07	2.16
Central Asia			0.78	0.88	1.02	1.03	1.27	1.40	1.49	1.55	1.86	2.00
Asia and the Pacific	0.56	0.48	0.48	0.45	0.43	0.42	0.41	0.40	0.39	0.39	0.38	0.38
Ind. Asia and the Pacific	0.10	0.08	0.08	0.08	0.07	0.07	0.06	0.07	0.07	0.07	0.06	0.08
Dev. Asia and the Pacific	1.27	1.07	1.07	0.98	0.90	0.89	0.86	0.80	0.75	0.75	0.71	0.68
Middle East	3.99	5.74	5.33	5.47	5.30	5.18	5.49	5.34	5.38	5.42	5.10	5.25
Africa	3.36	3.57	3.64	3.45	3.51	3.38	3.32	3.48	3.51	3.37	3.29	3.38
Americas	0.88	0.77	0.79	0.78	0.77	0.76	0.78	0.78	0.78	0.77	0.73	0.74
North America	0.72	0.59	0.60	0.59	0.57	0.55	0.56	0.54	0.54	0.52	0.49	0.49
Latin America	1.50	1.41	1.44	1.44	1.46	1.46	1.51	1.58	1.56	1.57	1.51	1.52
World	1.01	1.02	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.02	0.99	1.01
Developed countries	0.48	0.40	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.40	0.39	0.39
Transition economies	1.19	1.19	1.07	1.09	1.15	1.23	1.23	1.30	1.32	1.37	1.49	1.57
Developing Countries	2.20	2.39	2.34	2.31	2.24	2.20	2.20	2.15	2.11	2.14	2.02	2.03
International organisations												
EUROPEAN UNION	0.29	0.21	0.20	0.20	0.21	0.26	0.26	0.26	0.25	0.25	0.26	0.25
OECD	0.55	0.47	0.47	0.47	0.46	0.47	0.47	0.47	0.47	0.47	0.45	0.46
OPEC	4.75	6.00	5.75	5.70	5.52	5.39	5.71	5.62	5.59	5.70	5.43	5.45

oil

PRODUCTION/CONSUMPTION RATIOS

Areas



oil

PRODUCTION/CONSUMPTION RATIOS

Countries

Crude and non conventional oil, natural gas liquids

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	0.69	0.66	0.64	0.63	0.63	0.67	0.66	0.68	0.68	0.67	0.70	0.72
Albania	1.19	0.90	0.82	0.76	0.85	0.71	0.81	0.82	0.75	0.81	0.68	0.76
Austria	0.11	0.11	0.11	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08
Belorussia			0.07	0.09	0.14	0.16	0.17	0.16	0.18	0.18	0.19	0.19
Bulgaria	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Croatia			0.68	0.65	0.54	0.51	0.46	0.45	0.42	0.35	0.32	0.29
Czech Republic	0.01	0.01	0.01	0.01	0.00	0.03	0.04	0.04	0.04	0.05	0.04	0.04
Denmark	0.26	0.63	0.73	0.81	0.84	0.87	0.84	0.87	1.00	1.07	1.36	1.71
France	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02
Germany	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03
Greece	0.11	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.00	0.01
Hungary	0.27	0.28	0.29	0.28	0.35	0.30	0.39	0.41	0.35	0.27	0.26	0.25
Italy	0.03	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.05	0.04
Netherlands	0.13	0.11	0.10	0.09	0.09	0.12	0.09	0.08	0.07	0.07	0.06	0.06
Norway	4.20	8.74	10.38	11.97	12.19	13.46	13.99	14.75	14.92	14.11	13.91	15.98
Poland	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.04
Romania	0.78	0.46	0.47	0.52	0.59	0.63	0.63	0.55	0.51	0.54	0.60	0.58
Russia			1.85	1.68	1.75	2.00	1.95	2.13	2.15	2.31	2.54	2.66
Serbia and Montenegro			0.29	0.47	0.87	0.88	0.78	0.46	0.30	0.32	0.31	0.29
Slovakia	0.01	0.01	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Spain	0.06	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.00
Turkey	0.12	0.15	0.18	0.17	0.13	0.13	0.11	0.11	0.11	0.10	0.09	0.08
Ukraine			0.07	0.11	0.15	0.17	0.15	0.21	0.23	0.22	0.21	0.21
United Kingdom	1.66	1.10	1.09	1.11	1.17	1.47	1.54	1.52	1.52	1.59	1.67	1.56
Ex USSR	1.33											
Central Asia			0.78	0.88	1.02	1.03	1.27	1.40	1.49	1.55	1.86	2.00
Azerbaijan			1.24	1.78	1.42	1.02	1.26	1.23	1.19	1.26	1.40	1.41
Georgia			0.04	0.07	0.07	0.25	0.31	0.16	0.15	0.10	0.05	0.10
Kazakhstan			1.15	1.19	1.52	1.47	1.71	1.98	2.56	3.52	4.64	5.30
Kyrgyzstan			0.06	0.06	0.08	0.20	0.15	0.14	0.18	0.17	0.16	0.17
Tajikistan			0.06	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.00	0.00
Turkmenistan			1.44	1.00	1.42	0.89	0.92	1.53	1.15	1.28	1.51	1.52
Uzbekistan			0.27	0.38	0.42	0.65	1.12	1.16	1.12	0.92	1.07	1.07

oil

PRODUCTION/CONSUMPTION RATIOS

Countries

Crude and non conventional oil, natural gas liquids

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Middle East	3.99	5.74	5.33	5.47	5.30	5.18	5.49	5.34	5.38	5.42	5.10	5.25
Bahrain	1.99	2.01	2.26	2.29	2.18	2.10	2.06	2.03	2.02	1.72	1.65	1.54
Iran	2.76	3.13	3.16	3.27	3.26	3.14	3.77	3.62	3.41	3.40	3.28	3.55
Iraq	4.81	5.53	1.04	1.26	1.18	1.21	1.28	1.37	2.70	4.82	6.29	5.71
Israel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kuwait	5.27	17.98	1.50	5.49	8.77	7.99	7.75	7.06	6.54	5.51	4.59	4.66
Oman	16.58	17.17	11.44	12.96	13.87	17.51	15.68	16.91	19.26	19.11	17.66	17.81
Qatar	14.60	12.71	12.12	12.73	11.70	10.87	11.12	11.17	12.08	12.39	11.97	12.51
Saudi Arabia	4.20	7.66	9.16	9.06	8.00	7.76	8.09	7.55	7.42	7.07	6.19	6.35
Syria	1.08	2.14	2.38	2.52	2.61	2.52	2.52	2.53	2.47	2.30	2.12	1.97
United Arab Emirates	16.32	22.92	24.93	22.64	22.17	22.36	23.02	23.42	23.30	22.80	18.96	21.26
Yemen	0.00	3.68	3.28	2.65	3.96	5.89	5.61	5.67	5.48	5.78	5.77	6.25
África	3.36	3.57	3.64	3.45	3.51	3.38	3.32	3.48	3.51	3.37	3.29	3.38
Algeria	7.08	6.39	6.41	6.09	5.86	5.79	6.04	6.94	7.25	6.98	7.80	7.89
Angola	8.95	16.95	18.35	18.38	17.27	15.50	22.24	23.58	23.84	29.51	31.69	31.78
Benin	1.78	2.03	2.42	1.63	2.26	1.64	1.05	0.14	0.14	0.15	0.14	0.14
Cameroon	8.98	8.22	7.98	7.82	6.95	6.13	5.88	5.39	5.37	4.35	3.79	3.47
Congo	20.94	24.24	23.49	25.95	28.73	29.74	26.56	28.84	33.43	40.63	38.92	40.30
Côte d'Ivoire	0.71	0.09	0.05	0.26	0.05	0.04	0.34	0.77	0.65	0.53	0.50	0.44
Dem. Rep. Congo	1.62	1.20	1.13	1.11	0.92	1.06	1.08	1.04	1.08	1.14	1.00	0.98
Egypt	2.40	2.20	2.23	2.30	2.56	2.44	2.27	2.11	1.94	1.75	1.71	1.83
Gabon	11.84	36.51	35.43	23.89	22.93	27.17	30.61	30.11	29.42	27.18	24.91	22.77
Ghana	0.02	0.00	0.00	0.00		0.24	0.22	0.24	0.24	0.22	0.22	0.21
Libya	8.90	9.66	10.52	10.03	8.74	7.36	6.92	6.94	6.88	6.95	5.71	5.28
Morocco	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04
Nigeria	8.11	11.01	9.55	7.29	9.28	11.30	9.87	9.86	9.54	9.19	9.80	9.16
South Africa	0.26	0.27	0.27	0.27	0.34	0.37	0.36	0.38	0.42	0.42	0.45	0.46
Sudan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.29	1.93	5.07
Tunisia	2.09	1.47	1.55	1.55	1.35	1.31	1.32	1.26	1.08	1.02	1.01	0.99

oil

PRODUCTION/CONSUMPTION RATIOS

Countries

Crude and non conventional oil, natural gas liquids

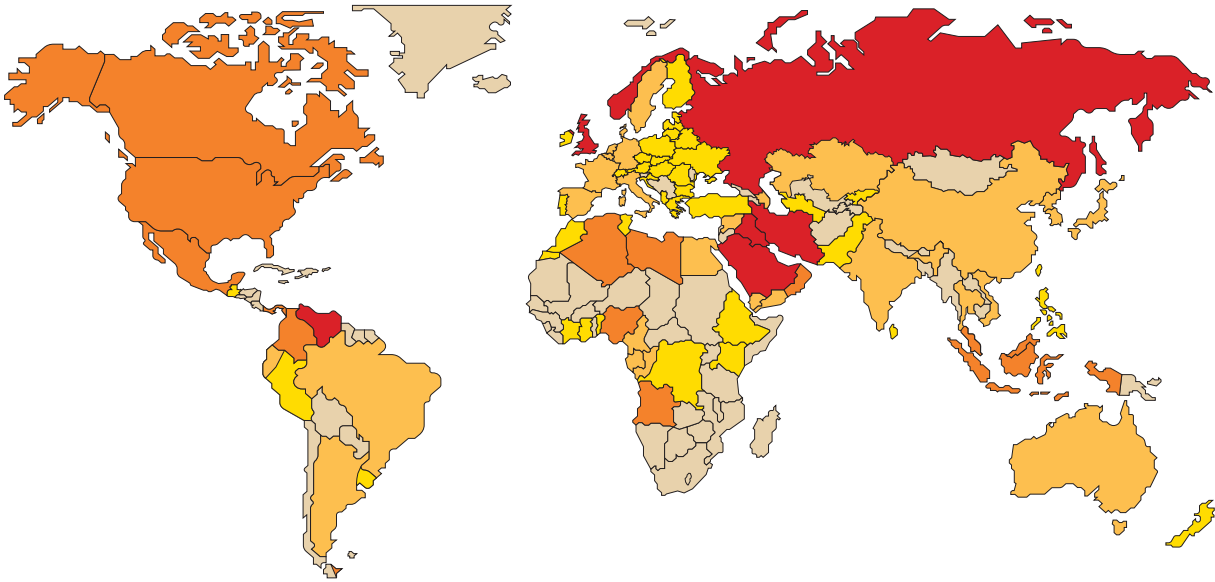
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	0.56	0.48	0.48	0.45	0.43	0.42	0.41	0.40	0.39	0.39	0.38	0.38
Australia	0.95	0.84	0.85	0.87	0.74	0.77	0.71	0.72	0.76	0.73	0.70	0.91
Bangladesh	0.07	0.08	0.09	0.09	0.07	0.07	0.05	0.05	0.04	0.03	0.05	0.06
Brunei	34.96	25.00	24.67	22.93	21.65	20.48	18.27	16.78	14.71	15.91	15.23	15.18
China	1.34	1.20	1.14	1.07	0.95	0.93	0.90	0.84	0.76	0.76	0.71	0.67
India	0.70	0.61	0.55	0.49	0.40	0.48	0.50	0.44	0.44	0.41	0.37	0.36
Indonesia	2.87	2.32	2.41	2.17	2.01	1.99	1.90	1.81	1.65	1.69	1.70	1.48
Japan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malaysia	2.41	2.38	2.29	2.17	1.93	1.92	1.84	1.69	1.59	1.63	1.54	1.50
Myanmar	1.16	0.97	1.07	0.71	0.63	0.55	0.34	0.28	0.24	0.25	0.23	0.22
New Zealand	0.36	0.41	0.44	0.41	0.67	0.61	0.39	0.43	0.53	0.43	0.40	0.33
Pakistan	0.18	0.27	0.32	0.28	0.23	0.21	0.19	0.18	0.17	0.16	0.15	0.14
Philippines	0.05	0.02	0.02	0.03	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00
Thailand	0.22	0.14	0.16	0.16	0.13	0.16	0.13	0.16	0.17	0.19	0.20	0.24
Taiwan	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vietnam	0.00	0.93	1.51	1.67	1.56	1.60	1.58	1.47	1.49	1.81	2.07	2.08
Americas	0.88	0.77	0.79	0.78	0.77	0.76	0.78	0.78	0.78	0.77	0.73	0.74
Argentina	1,15	1,22	1,17	1,31	1,36	1,53	1,64	1,73	1,78	1,74	1,66	1,60
Bolivia	1,19	1,15	1,19	1,08	1,00	1,12	1,06	0,98	1,08	1,12	0,98	0,95
Brazil	0,48	0,45	0,43	0,43	0,55	0,57	0,54	0,56	0,54	0,59	0,64	0,70
Canada	1,17	1,15	1,21	1,22	1,24	1,28	1,32	1,31	1,32	1,35	1,24	1,27
Chile	0,45	0,18	0,16	0,13	0,13	0,11	0,08	0,06	0,06	0,05	0,05	0,05
Colombia	1,04	2,11	2,02	1,90	1,82	1,74	2,07	2,16	2,15	2,53	2,98	2,57
Cuba	0,07	0,05	0,05	0,10	0,13	0,13	0,14	0,14	0,16	0,16	0,20	0,23
Ecuador	3,15	2,78	2,80	2,94	3,22	3,43	3,21	3,04	3,00	2,84	2,77	2,83
Guatemala	0,10	0,13	0,11	0,15	0,14	0,18	0,20	0,34	0,43	0,35	0,35	0,34
Mexico	2,12	1,78	1,78	1,75	1,71	1,63	1,69	1,84	1,84	1,80	1,67	1,68
Peru	1,68	1,08	1,01	1,01	1,04	1,03	0,82	0,76	0,73	0,74	0,65	0,62
Trinidad and Tobago	7,70	8,59	7,50	7,15	6,99	7,59	7,65	7,66	6,92	6,72	6,67	6,52
United States	0,68	0,54	0,54	0,53	0,50	0,48	0,48	0,46	0,46	0,44	0,41	0,41
Venezuela	4,31	4,89	5,22	5,30	5,37	5,12	6,03	6,57	6,35	6,93	6,30	6,40

oil

EXPORTS

1999

(thousands of barrels/day)



More than 2000
From 501 to 2000

From 101 to 500
From 1.1 to 100

From 0 to 1 or not available

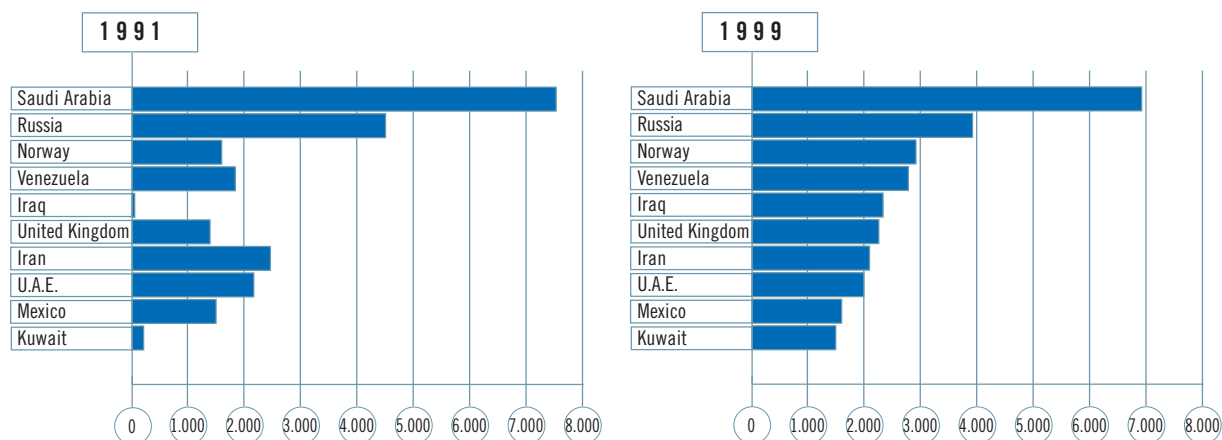
oil

EXPORTS

The first twenty Countries in the World
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Saudi Arabia	2,777	5,991	7,649	7,757	7,580	7,547	7,580	7,495	7,613	7,631	6,992
Russia			4,572	3,426	3,419	3,427	3,378	3,661	3,720	3,877	3,909
Norway	687	1,516	1,777	2,032	2,179	2,481	2,682	3,016	3,051	2,922	2,914
Venezuela	1,424	1,710	1,901	1,875	1,956	2,425	2,674	2,694	2,882	2,765	2,690
Iraq	1,113	1,656	53	109	108	120	119	149	685	1,713	2,279
United Kingdom	1,956	1,478	1,490	1,558	1,746	2,107	2,124	2,105	2,115	2,176	2,272
Iran	1,519	2,203	2,406	2,542	2,671	2,505	2,517	2,486	2,525	2,554	2,262
United Arab Emirates	1,109	1,986	2,266	2,150	2,036	2,159	2,163	2,211	2,302	2,327	2,105
Mexico	1,673	1,488	1,584	1,610	1,625	1,524	1,532	1,669	1,879	1,893	1,791
Kuwait	925	1,081	158	983	1,812	1,891	1,885	1,925	1,949	1,998	1,786
Canada	709	965	1,097	1,146	1,245	1,304	1,415	1,531	1,642	1,753	1,672
Nigeria	1,408	1,573	1,629	1,678	1,621	1,589	1,683	1,907	2,005	1,823	1,656
Netherlands	1,048	1,155	1,125	1,076	1,096	1,083	1,150	1,169	1,217	1,216	1,206
Libya	894	1,238	1,331	1,295	1,206	1,222	1,191	1,197	1,217	1,214	1,152
Algeria	850	976	950	946	957	946	958	1,018	1,011	1,004	1,027
United States	648	844	960	915	965	914	907	991	1,071	1,002	991
Indonesia	980	992	1,092	1,039	978	1,096	1,058	1,037	973	908	882
Singapore	583	719	729	788	842	919	941	961	929	920	840
Oman	489	667	657	706	752	785	820	853	877	843	837
South Korea	69	74	195	258	287	242	308	417	609	767	768

The first ten Countries in the World
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)



oil

EXPORTS

Main Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe											
Russia			4,572	3,426	3,419	3,427	3,378	3,661	3,720	3,877	3,909
Norway	687	1,516	1,777	2,032	2,179	2,481	2,682	3,016	3,051	2,922	2,914
United Kingdom	1,956	1,478	1,490	1,558	1,746	2,107	2,124	2,105	2,115	2,176	2,272
Netherlands	1,048	1,155	1,125	1,076	1,096	1,083	1,150	1,169	1,217	1,216	1,206
Belgium	258	375	392	399	379	382	357	407	407	416	435
Central Asia											
Kazakhstan			481	432	394	217	252	331	354	408	493
Azerbaijan			127	126	83	37	44	45	48	62	118
Turkmenistan			90	41	33	22	29	24	36	47	44
Georgia			0	0	0	0	0	2	3	3	3
Kyrgyzstan			3	2	2	2	1	0	1	2	2
Middle East											
Saudi Arabia	2,777	5,991	7,649	7,757	7,580	7,547	7,580	7,495	7,613	7,631	6,992
Iraq	1,113	1,656	53	109	108	120	119	149	685	1,713	2,279
Iran	1,519	2,203	2,406	2,542	2,671	2,505	2,517	2,486	2,525	2,554	2,262
United Arab Emirates	1,109	1,986	2,266	2,150	2,036	2,159	2,163	2,211	2,302	2,327	2,105
Kuwait	925	1,081	158	983	1,812	1,891	1,885	1,925	1,949	1,998	1,786
Africa											
Nigeria	1,408	1,573	1,629	1,678	1,621	1,589	1,683	1,907	2,005	1,823	1,656
Libya	894	1,238	1,331	1,295	1,206	1,222	1,191	1,197	1,217	1,214	1,152
Algeria	850	976	950	946	957	946	958	1,018	1,011	1,004	1,027
Angola	201	443	468	445	454	452	479	663	666	684	711
Gabon	164	242	279	274	298	313	340	352	356	365	349
Asia and the Pacific											
Indonesia	980	992	1,092	1,039	978	1,096	1,058	1,037	973	908	882
Singapore	583	719	729	788	842	919	941	961	929	920	840
South Korea	69	74	195	258	287	242	308	417	609	767	768
Malaysia	372	511	522	500	512	490	544	501	487	504	516
Australia	157	176	214	225	241	225	252	259	310	346	335
Americas											
Venezuela	1,424	1,710	1,901	1,875	1,956	2,425	2,674	2,694	2,882	2,765	2,690
Mexico	1,673	1,488	1,584	1,610	1,625	1,524	1,532	1,669	1,879	1,893	1,791
Canada	709	965	1,097	1,146	1,245	1,304	1,415	1,531	1,642	1,753	1,672
United States	648	844	960	915	965	914	907	991	1,071	1,002	991
Colombia	59	256	252	247	267	250	370	393	414	508	581

oil

EXPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe											
Albania	0	1	1	1	0	0	0	0	0	0	0
Austria	17	7	7	10	13	19	26	22	27	31	31
Belgium	258	375	392	399	379	382	357	407	407	416	435
Belorussia			217	85	25	52	55	71	61	70	72
Bulgaria	49	15	1	3	11	38	41	32	30	26	36
Croatia			41	34	49	45	45	33	35	34	35
Czech Republic	173	131	8	8	14	26	20	25	24	33	26
Denmark	62	108	146	165	183	200	182	197	225	229	298
Estonia			1	2	1	8	9	7	15	9	6
Finland	43	34	60	74	67	72	79	95	82	93	89
France	238	288	283	294	330	353	310	364	391	299	339
Germany	227	203	174	271	298	333	301	318	325	324	365
Greece	90	148	100	106	73	85	81	91	75	62	74
Hungary	27	30	22	27	34	42	42	38	37	37	39
Ireland	12	14	15	16	16	21	20	17	27	26	22
Italy	242	391	383	429	460	410	341	373	421	454	401
Latvia			0	1	1	0	1	1	0	0	0
Lithuania			71	22	72	44	34	49	67	83	64
Macedonia			1	1	0	0	1	1	0	0	0
Netherlands	1,048	1,155	1,125	1,076	1,096	1,083	1,150	1,169	1,217	1,216	1,206
Norway	687	1,516	1,777	2,032	2,179	2,481	2,682	3,016	3,051	2,922	2,914
Poland	5	31	29	19	21	19	19	25	30	31	33
Portugal	10	49	45	66	66	92	75	48	42	37	28
Romania	188	101	52	45	54	100	94	75	57	63	29
Russia			4,572	3,426	3,419	3,427	3,378	3,661	3,720	3,877	3,909
Slovakia	46	32	23	16	28	34	34	37	43	47	54
Slovenia			4	3	3	2	2	1	1	0	0
Spain	208	245	273	251	249	225	172	162	158	178	139
Sweden	120	173	171	195	201	183	195	196	193	177	186
Switzerland	7	3	11	9	12	12	9	13	10	10	11
Turkey	33	39	55	38	42	42	34	33	27	42	52
Ukraine			67	135	7	34	30	51	28	28	28
United Kingdom	1,956	1,478	1,490	1,558	1,746	2,107	2,124	2,105	2,115	2,176	2,272
Ex USSR	3,311										

oil

EXPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Central Asia											
Azerbaijan			127	126	83	37	44	45	48	62	118
Georgia			0	0	0	0	0	2	3	3	3
Kazakhstan			481	432	394	217	252	331	354	408	493
Kirgyzstan			3	2	2	2	1	0	1	2	2
Tajikistan			2	1	1	1	1	0	1	1	1
Turkmenistan			90	41	33	22	29	24	36	47	44
Uzbekistan			14	5	3	1	17	23	26	0	0
Middle East											
Bahrain	164	235	245	251	241	240	248	232	221	241	255
Iran	1,519	2,203	2,406	2,542	2,671	2,505	2,517	2,486	2,525	2,554	2,262
Iraq	1,113	1,656	53	109	108	120	119	149	685	1,713	2,279
Israel	18	21	28	32	57	63	37	27	40	26	28
Jordan	0	0	1	0	0	0	0	0	0	0	0
Kuwait	925	1,081	158	983	1,812	1,891	1,885	1,925	1,949	1,998	1,786
Oman	489	667	657	706	752	785	820	853	877	843	837
Qatar	298	387	376	439	411	401	399	441	525	544	515
Saudi Arabia	2,777	5,991	7,649	7,757	7,580	7,547	7,580	7,495	7,613	7,631	6,992
Syria	147	241	295	306	322	375	392	386	377	324	306
United Arab Emirates	1,109	1,986	2,266	2,150	2,036	2,159	2,163	2,211	2,302	2,327	2,105
Yemen	45	208	173	161	191	276	297	320	269	316	336
Africa											
Algeria	850	976	950	946	957	946	958	1,018	1,011	1,004	1,027
Angola	201	443	468	445	454	452	479	663	666	684	711
Benin	7	4	4	3	3	3	2	2	1	2	2
Cameroon	151	149	134	124	120	112	102	102	108	110	109
Congo	116	155	153	165	187	179	162	186	241	263	282
Côte d'Ivoire	16	17	15	13	19	19	19	20	24	29	32
Egypt	526	440	430	480	485	291	276	240	225	152	141
Ethiopia	4	3	3	1	1	1	1	1	2	2	2
Gabon	164	242	279	274	298	313	340	352	356	365	349
Ghana	4	3	3	3	3	4	4	4	4	4	4
Kenya	9	8	9	9	8	7	6	5	3	5	4
Libya	894	1,238	1,331	1,295	1,206	1,222	1,191	1,197	1,217	1,214	1,152
Morocco	5	10	10	10	9	8	8	7	6	12	25
Nigeria	1,408	1,573	1,629	1,678	1,621	1,589	1,683	1,907	2,005	1,823	1,656
Senegal	1	1	1	1	1	1	2	1	1	0	0
South Africa	0	0	0	0	64	68	66	63	0	0	0
Tanzania	1	1	0	1	1	1	1	1	1	1	1
Tunisia	78	73	76	86	78	75	80	80	72	77	82
Zaire	31	23	23	20	21	22	22	22	21	22	21
Zambia	1	1	1	1	1	1	1	1	1	1	1

oil

EXPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Asia and the Pacific											
Australia	157	176	214	225	241	225	252	259	310	346	335
Bangladesh	2	3	4	2	1	1	0	0	0	0	0
Brunei	168	152	165	179	175	180	175	168	160	145	156
China	734	614	578	545	501	476	468	518	542	422	312
Hong Kong	5	39	54	60	104	109	152	170	204	180	180
India	74	48	52	81	81	66	70	59	44	58	107
Indonesia	980	992	1,092	1,039	978	1,096	1,058	1,037	973	908	882
Japan	13	76	85	114	126	145	175	162	176	133	104
Malaysia	372	511	522	500	512	490	544	501	487	504	516
Myanmar	0	1	0	0	0	0	0	1	0	0	0
Nepal	0	0	0	0	1	1	0	0	0	0	0
New Zealand	8	27	29	23	30	26	20	27	38	34	32
Pakistan	3	7	11	11	12	8	11	8	5	15	14
Philippines	3	14	14	16	18	13	20	27	26	17	21
Singapore	583	719	729	788	842	919	941	961	929	920	840
South Korea	69	74	195	258	287	242	308	417	609	767	768
Sri Lanka	6	4	4	2	2	4	2	2	4	2	2
Thailand	9	15	18	19	18	23	22	85	112	101	116
Taiwan	31	7	10	13	22	16	32	42	58	34	43
Vietnam	0	53	78	109	126	138	170	171	193	251	299

oil

EXPORTS

Countries

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

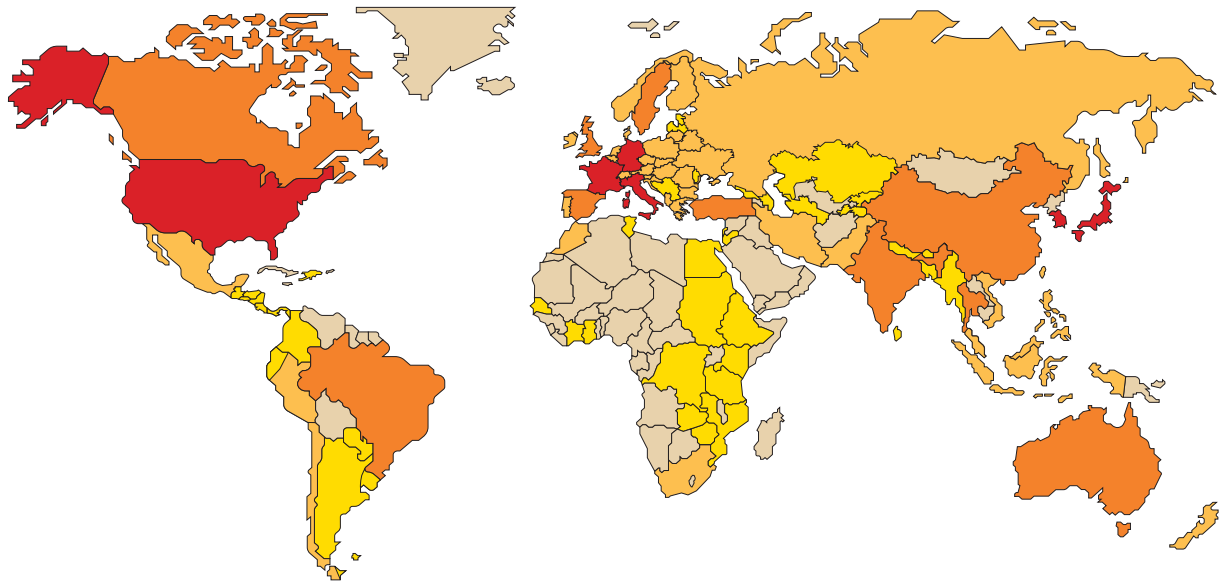
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Americas											
Argentina	78	98	113	150	167	276	347	403	437	432	388
Bolivia	0	0	0	1	1	1	0	0	0	0	0
Brazil	97	55	41	51	74	69	46	47	47	40	123
Canada	709	965	1,097	1,146	1,245	1,304	1,415	1,531	1,642	1,753	1,672
Chile	0	4	2	1	0	0	1	1	3	0	0
Colombia	59	256	252	247	267	250	370	393	414	508	581
Costa Rica	1	2	1	2	2	1	3	3	2	2	2
Cuba	71	0	0	0	0	0	0	0	0	0	5
Dominican Republic	0	0	0	0	0	0	0	0	0	0	0
Ecuador	207	205	208	236	257	282	287	269	299	265	264
El Salvador	2	1	0	0	1	0	0	3	1	3	0
Guatemala	1	3	3	5	6	5	9	15	20	23	22
Honduras	1	1	0	0	0	0	0	0	0	0	0
Jamaica	1	2	2	1	1	1	1	1	1	1	1
Mexico	1,673	1,488	1,584	1,610	1,625	1,524	1,532	1,669	1,879	1,893	1,791
Netherlands Antilles	137	188	217	214	224	225	225	230	230	230	230
Nicaragua	0	1	0	0	1	1	0	1	0	0	0
Panama	10	7	8	14	19	5	4	5	11	10	10
Paraguay	0	2	1	2	2	1	0	0	0	0	0
Peru	79	46	48	53	48	41	51	56	69	59	66
Trinidad and Tobago	165	148	163	171	148	161	158	147	140	153	162
United States	648	844	960	915	965	914	907	991	1,071	1,002	991
Uruguay	0	0	0	1	1	0	1	1	1	7	1
Venezuela	1,424	1,710	1,901	1,875	1,956	2,425	2,674	2,694	2,882	2,765	2,690

oil

IMPORTS

1999

(thousands of barrels/day)



More than 2000
From 501 to 2000

From 101 to 500
From 11 to 100

From 0 to 10 or not available

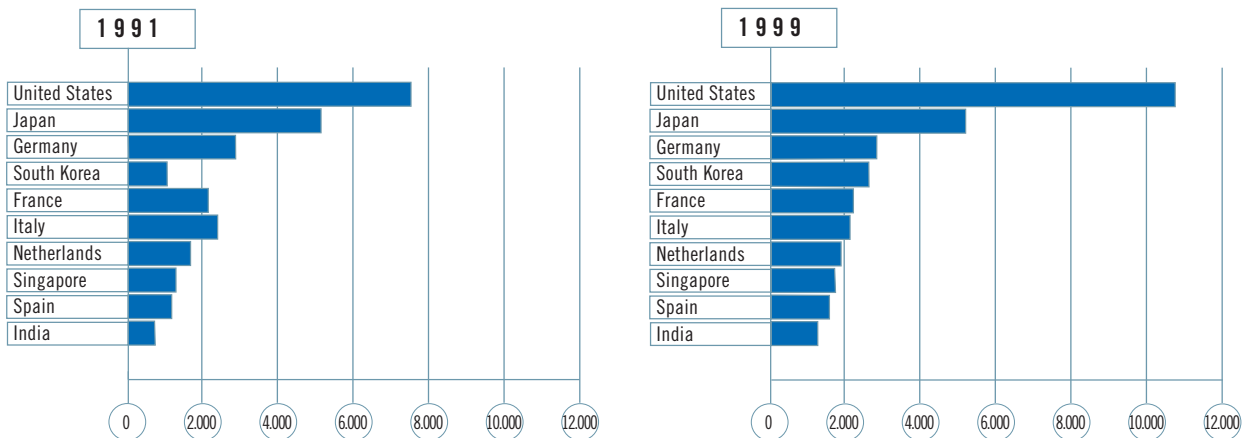
oil

IMPORTS

The first twenty Countries in the World
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
United States	5,137	8,068	7,729	8,110	8,840	9,207	9,025	9,709	10,428	10,945	10,801
Japan	4,164	5,124	5,159	5,278	5,253	5,571	5,549	5,616	5,639	5,202	5,273
Germany	2,588	2,595	2,735	2,902	2,907	2,949	2,885	2,995	2,997	3,075	2,878
South Korea	597	1,083	1,349	1,701	1,909	2,036	2,222	2,514	2,850	2,694	2,823
France	1,847	2,000	2,095	2,024	2,038	1,973	2,004	2,144	2,146	2,107	2,174
Italy	1,896	2,198	2,124	2,245	2,220	2,183	2,145	2,166	2,189	2,264	2,118
Netherlands	1,535	1,770	1,779	1,749	1,744	1,756	1,800	1,866	1,943	1,941	1,927
Singapore	792	1,216	1,270	1,375	1,502	1,616	1,571	1,704	1,765	1,722	1,643
Spain	986	1,220	1,261	1,294	1,248	1,307	1,345	1,321	1,406	1,525	1,518
India	381	558	631	806	846	836	943	1,083	1,034	1,165	1,356
China	24	148	224	399	723	581	680	841	1,305	1,077	1,253
United Kingdom	974	1,270	1,345	1,365	1,435	1,271	1,173	1,188	1,178	1,186	1,057
Belgium	642	819	887	907	871	890	846	965	980	1,017	991
Canada	373	684	699	671	736	754	731	832	943	960	973
Taiwan	353	573	557	605	643	682	767	788	802	843	902
Brazil	569	620	598	623	747	745	701	799	825	746	718
Thailand	183	359	369	425	489	527	625	759	755	724	706
Turkey	332	444	397	429	514	501	562	586	559	575	568
Australia	174	282	270	308	391	401	410	463	480	499	540
Sweden	460	472	462	487	503	521	511	540	530	529	508

The first ten Countries in the World
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)



oil

IMPORTS

Main Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe											
Germany	2,588	2,595	2,735	2,902	2,907	2,949	2,885	2,995	2,997	3,075	2,878
France	1,847	2,000	2,095	2,024	2,038	1,973	2,004	2,144	2,146	2,107	2,174
Italy	1,896	2,198	2,124	2,245	2,220	2,183	2,145	2,166	2,189	2,264	2,118
Netherlands	1,535	1,770	1,779	1,749	1,744	1,756	1,800	1,866	1,943	1,941	1,927
Spain	986	1,220	1,261	1,294	1,248	1,307	1,345	1,321	1,406	1,525	1,518
Central Asia											
Tajikistan			39	112	70	23	23	23	23	23	24
Kazakhstan			411	354	254	72	72	80	26	34	22
Georgia			85	26	13	6	2	18	19	20	20
Turkmenistan			55	43	7	12	11	3	15	17	17
Kyrgyzstan			47	38	23	8	11	12	9	11	12
Middle East											
Israel	141	199	201	239	271	252	267	244	275	308	316
United Arab Emirates	88	159	230	228	231	255	266	257	257	248	280
Iran	101	131	155	149	138	137	139	177	223	256	260
Bahrain	144	203	209	218	206	204	209	221	241	227	242
Lebanon	51	42	55	54	66	73	84	86	95	95	100
Africa											
South Africa	275	248	217	236	252	290	321	299	252	254	256
Morocco	100	123	119	140	142	151	144	131	144	143	167
Tunisia	24	46	47	51	58	56	54	65	69	68	76
Côte d'Ivoire	20	43	41	42	43	44	43	47	40	53	60
Kenya	43	51	49	49	53	55	48	47	55	59	59
Asia and the Pacific											
Japan	4,164	5,124	5,159	5,278	5,253	5,571	5,549	5,616	5,639	5,202	5,273
South Korea	597	1,083	1,349	1,701	1,909	2,036	2,222	2,514	2,850	2,694	2,823
Singapore	792	1,216	1,270	1,375	1,502	1,616	1,571	1,704	1,765	1,722	1,643
India	381	558	631	806	846	836	943	1,083	1,034	1,165	1,356
China	24	148	224	399	723	581	680	841	1,305	1,077	1,253
Americas											
United States	5,137	8,068	7,729	8,110	8,840	9,207	9,025	9,709	10,428	10,945	10,801
Canada	373	684	699	671	736	754	731	832	943	960	973
Brazil	569	620	598	623	747	745	701	799	825	746	718
Netherlands Antilles	205	262	298	290	312	313	314	317	317	317	317
Mexico	41	109	138	165	170	190	126	143	247	278	305

oil

IMPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe											
Albania	0	1	0	0	1	2	2	2	2	5	6
Austria	189	205	212	212	213	223	219	233	243	260	258
Belgium	642	819	887	907	871	890	846	965	980	1,017	991
Belorussia			745	467	269	245	237	218	216	218	222
Bosnia Erzegovina			40	11	14	17	17	17	17	18	18
Bulgaria	278	185	122	109	145	157	171	149	130	120	124
Cyprus	18	31	34	38	41	43	41	45	43	43	45
Croatia			58	60	75	82	89	78	83	80	80
Czech Republic	375	303	150	163	159	180	177	185	182	191	182
Denmark	230	171	191	195	205	226	219	227	221	228	216
Estonia			52	29	31	34	29	27	33	18	15
Finland	260	242	266	265	254	312	250	292	288	299	297
France	1,847	2,000	2,095	2,024	2,038	1,973	2,004	2,144	2,146	2,107	2,174
Germany	2,588	2,595	2,735	2,902	2,907	2,949	2,885	2,995	2,997	3,075	2,878
Gibraltar	7	10	19	19	20	20	20	20	20	20	20
Greece	301	437	395	434	400	383	426	444	439	452	440
Hungary	169	161	121	137	157	154	151	137	147	153	145
Iceland	11	15	12	15	14	15	15	16	16	17	18
Ireland	93	114	112	111	118	131	134	139	161	166	181
Italy	1,896	2,198	2,124	2,245	2,220	2,183	2,145	2,166	2,189	2,264	2,118
Latvia			63	55	51	49	42	47	31	31	32
Lithuania			253	101	148	109	108	110	131	154	130
Luxembourg	22	32	36	38	38	38	34	37	37	40	41
Macedonia			23	22	23	17	20	25	21	21	20
Malta	6	12	14	15	15	15	18	19	20	20	20
Moldova			65	57	37	23	22	16	19	17	16
Netherlands	1,535	1,770	1,779	1,749	1,744	1,756	1,800	1,866	1,943	1,941	1,927
Norway	85	89	85	74	85	84	94	91	105	106	109
Poland	337	318	280	292	310	297	310	373	407	418	423
Portugal	181	293	293	337	321	346	356	314	334	357	364
Romania	293	327	205	165	187	196	232	208	205	174	116
Russia			370	248	263	124	233	187	216	240	220
Serbia and Montenegro			46	17	7	7	9	33	52	52	52
Slovakia	165	127	99	86	92	96	108	108	110	114	116
Slovenia			37	34	41	43	46	53	55	57	64
Spain	986	1,220	1,261	1,294	1,248	1,307	1,345	1,321	1,406	1,525	1,518
Sweden	460	472	462	487	503	521	511	540	530	529	508
Switzerland	247	260	268	269	247	259	242	258	264	272	253
Turkey	332	444	397	429	514	501	562	586	559	575	568
United Kingdom	974	1,270	1,345	1,365	1,435	1,271	1,173	1,188	1,178	1,186	1,057
Ukraine			1,292	858	501	419	445	359	300	331	346
Ex USSR	272										

oil

IMPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Central Asia											
Armenia			88	49	24	8	6	3	3	10	8
Azerbaijan			82	28	24	20	1	2	7	1	1
Georgia			85	26	13	6	2	18	19	20	20
Kazakhstan			411	354	254	72	72	80	26	34	22
Kirgyzstan			47	38	23	8	11	12	9	11	12
Tajikistan			39	112	70	23	23	23	23	23	24
Turkmenistan			55	43	7	12	11	3	15	17	17
Uzbekistan			182	104	110	51	7	1	1	2	1
Middle East											
Bahrain	144	203	209	218	206	204	209	221	241	227	242
Iran	101	131	155	149	138	137	139	177	223	256	260
Iraq	1	9	0	0	0	0	0	0	0	0	0
Israel	141	199	201	239	271	252	267	244	275	308	316
Jordan	58	70	63	77	77	79	81	85	91	92	94
Kuwait	42	0	3	0	0	0	0	0	0	0	0
Lebanon	51	42	55	54	66	73	84	86	95	95	100
Oman	1	0	0	1	13	1	3	2	6	0	0
Saudi Arabia	25	9	9	8	0	0	0	0	0	0	0
Syria	111	17	10	11	9	9	9	11	14	10	10
United Arab Emirates	88	159	230	228	231	255	266	257	257	248	280
Yemen	97	76	37	53	24	2	0	0	0	0	0

oil

IMPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Africa											
Algeria	13	10	9	9	11	9	10	10	7	6	6
Angola	0	0	0	0	0	0	0	1	1	1	1
Benin	3	2	2	2	2	2	2	6	6	7	7
Cameroon	2	0	0	0	0	0	0	0	0	0	0
Congo	1	1	1	1	1	1	1	1	1	1	1
Côte d'Ivoire	20	43	41	42	43	44	43	47	40	53	60
Egypt	24	17	7	17	9	2	6	23	33	37	40
Ethiopia	15	22	23	23	24	25	27	29	19	24	29
Gabon	1	2	3	2	3	2	2	2	4	4	3
Ghana	18	21	20	20	20	25	26	26	26	28	29
Kenya	43	51	49	49	53	55	48	47	55	59	59
Libya	13	1	1	1	1	1	1	1	1	0	0
Morocco	100	123	119	140	142	151	144	131	144	143	167
Mozambique	9	9	8	9	9	10	9	10	14	14	14
Nigeria	24	3	1	5	9	1	1	1	1	1	1
Senegal	17	18	17	20	18	22	20	21	23	26	27
South Africa	275	248	217	236	252	290	321	299	252	254	256
Sudan	30	38	34	32	23	34	32	30	31	19	19
Tanzania	16	16	15	14	15	15	15	15	15	15	15
Tunisia	24	46	47	51	58	56	54	65	69	68	76
Zaire	18	19	19	17	20	20	21	21	21	24	23
Zambia	13	11	11	12	12	12	12	12	12	12	12
Zimbabwe	15	15	19	21	22	26	30	29	29	29	29

oil

IMPORTS

Countries

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

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Asia and the Pacific											
Australia	174	282	270	308	391	401	410	463	480	499	540
Bangladesh	32	41	36	37	39	44	45	48	48	51	53
Brunei	0	0	0	0	0	1	1	2	2	3	4
China	24	148	224	399	723	581	680	841	1,305	1,077	1,253
Hong Kong	106	163	180	221	275	286	337	359	393	362	366
India	381	558	631	806	846	836	943	1,083	1,034	1,165	1,356
Indonesia	133	177	229	254	305	311	363	380	450	375	380
Japan	4,164	5,124	5,159	5,278	5,253	5,571	5,549	5,616	5,639	5,202	5,273
Malaysia	125	166	174	153	223	196	188	216	239	212	218
Myanmar	0	0	1	4	6	8	13	14	19	24	26
Nepal	3	4	5	6	6	9	10	10	10	15	15
New Zealand	65	75	76	75	81	92	95	102	104	115	118
Pakistan	127	172	166	188	211	241	251	286	288	301	308
Philippines	146	246	244	285	283	299	342	376	394	375	362
Singapore	792	1,216	1,270	1,375	1,502	1,616	1,571	1,704	1,765	1,722	1,643
South Korea	597	1,083	1,349	1,701	1,909	2,036	2,222	2,514	2,850	2,694	2,823
Sri Lanka	38	37	37	35	44	45	51	58	64	58	65
Thailand	183	359	369	425	489	527	625	759	755	724	706
Taiwan	353	573	557	605	643	682	767	788	802	843	902
Vietnam	37	55	50	64	78	86	81	121	150	174	186

oil

IMPORTS

Countries

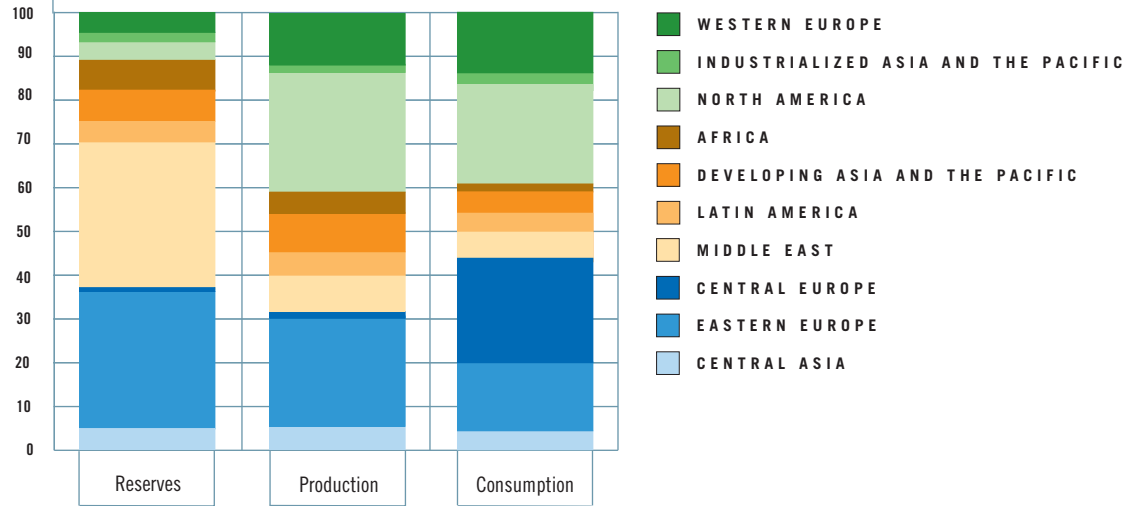
Crude and non conventional oil, natural gas liquids
(thousands of barrels/day)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Americas											
Argentina	1	1	24	17	31	43	64	48	44	50	42
Bolivia	0	0	0	1	3	2	4	3	5	9	11
Brazil	569	620	598	623	747	745	701	799	825	746	718
Canada	373	684	699	671	736	754	731	832	943	960	973
Chile	49	115	121	135	140	165	179	199	210	206	204
Colombia	42	23	22	35	33	35	30	23	26	26	26
Costa Rica	14	20	21	29	30	31	33	31	31	31	34
Cuba	274	204	163	120	111	115	124	127	141	146	135
Dominican Republic	44	58	57	65	65	68	70	72	77	71	82
Ecuador	11	5	5	7	4	9	16	14	17	16	16
El Salvador	14	17	20	22	27	28	32	31	28	39	37
Guatemala	24	25	29	33	34	38	42	43	45	48	52
Haiti	4	6	6	6	4	1	6	7	9	9	10
Honduras	12	15	16	18	16	18	22	23	22	29	30
Jamaica	33	53	51	53	54	55	60	63	66	69	69
Mexico	41	109	138	165	170	190	126	143	247	278	305
Netherlands Antilles	205	262	298	290	312	313	314	317	317	317	317
Nicaragua	13	13	13	15	15	14	18	19	19	22	24
Panama	42	47	50	62	63	53	52	52	61	59	62
Paraguay	9	15	14	17	17	22	22	18	21	26	25
Peru	1	30	42	41	33	35	74	82	106	104	133
Trinidad and Tobago	18	21	45	58	42	35	31	48	42	42	44
United States	5,137	8,068	7,729	8,110	8,840	9,207	9,025	9,709	10,428	10,945	10,801
Uruguay	22	27	33	39	31	32	40	43	42	48	52

gas

NATURAL GAS IN THE WORLD

1999
(percentage)



gas

WORLD PRODUCTION BALANCE

World Production Balance

(billion cubic metres)

	GROSS PRODUCTION	REINJECTED GAS	FLARED AND VENTED GAS	OTHER LOSSES	MARKETED PRODUCTION (=CONSUMPTION)*	MARKETED PRODUCTION (%)**	FLARED AND VENTED GAS (%)***
1960	613.6	72.2	75.9	20.3	445.2	75.9	12.4
1970	1,330.3	84.9	160.8	44.5	1,040.1	81.5	12.1
1975	1,566.7	77.8	173.2	52.2	1,263.5	84.0	11.1
1980	1,854.3	112.9	164.1	58.5	1,518.8	85.1	8.8
1981	1,871.7	132.7	125.6	68.4	1,545.0	86.2	6.7
1982	1,871.6	148.8	109.9	66.7	1,546.2	86.2	5.9
1983	1,883.6	155.7	98.8	79.5	1,549.7	86.5	5.2
1984	2,030.1	166.5	99.9	84.9	1,678.8	86.9	4.9
1985	2,104.9	171.1	103.4	88.2	1,742.2	87.0	4.9
1986	2,161.5	176.3	102.1	93.9	1,789.2	87.1	4.7
1987	2,272.8	200.2	94.0	99.8	1,878.8	87.1	4.1
1988	2,378.8	217.8	95.2	106.6	1,959.3	86.8	4.0
1989	2,462.9	219.1	107.2	109.3	2,027.2	86.8	4.4
1990	2,523.6	235.2	110.1	110.0	2,068.3	86.3	4.4
1991	2,603.0	249.3	130.9	115.2	2,107.6	85.4	5.0
1992	2,600.9	264.4	110.6	115.3	2,110.6	85.6	4.3
1993	2,651.4	273.6	103.2	115.5	2,159.1	85.8	3.9
1994	2,677.7	289.5	104.0	115.8	2,168.4	85.3	3.9
1995	2,729.8	305.8	103.0	117.1	2,203.9	85.0	3.8
1996	2,853.6	314.2	110.4	127.8	2,301.2	85.1	3.9
1997	2,856.9	323.0	108.2	130.0	2,295.8	84.9	3.8
1998	2,921.8	340.9	107.6	129.5	2,343.9	84.7	3.7
1999	2,969.1	333.0	100.2	138.6	2,397.4	85.4	3.4

* Marketed production coincides with world consumption, minus statistical differences, stocks and transport losses.

** Total marketed production % = marketed production + other losses/gross production.

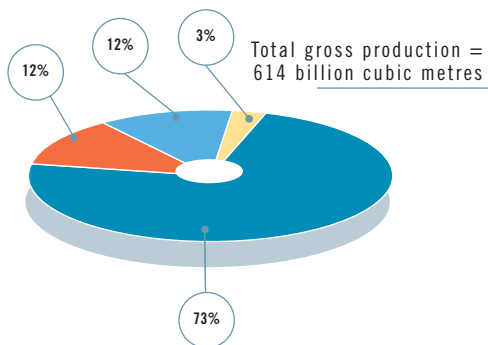
*** Flared and vented gas % = flared and vented gas/gross production.

gas

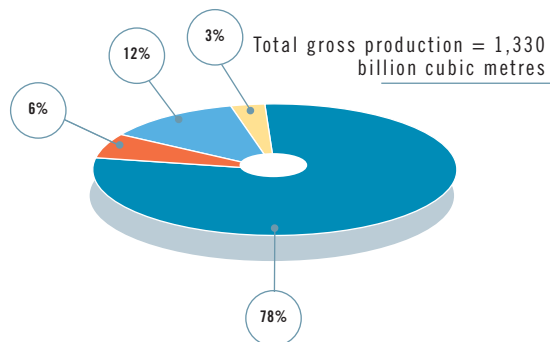
WORLD PRODUCTION BALANCE

World Production (percentage)

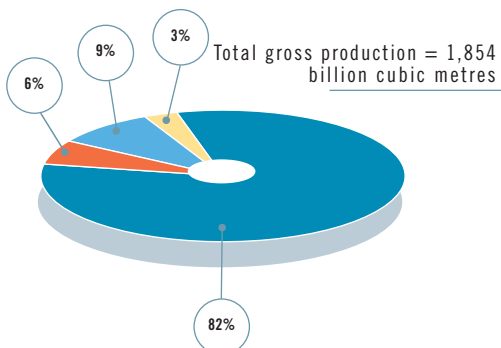
1960



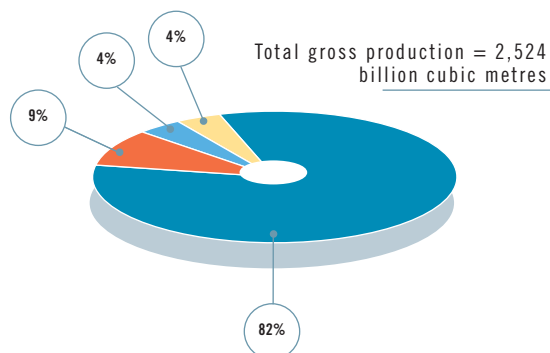
1970



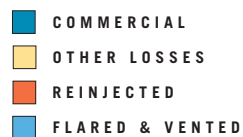
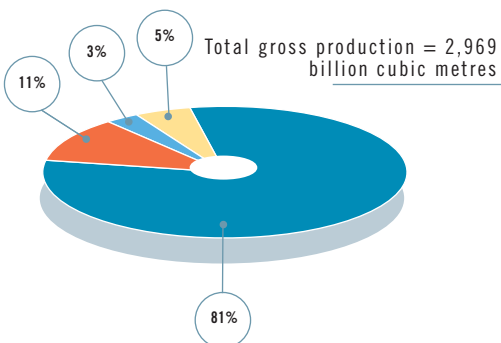
1980



1990



1999



gas

WORLD PRODUCTION BALANCE

Countries in 1999

(billion cubic metres)

	GROSS PRODUCTION	REINJECTED GAS	FLARED AND VENTED GAS	OTHER LOSSES	MARKETED PRODUCTION	FLARED AND VENTED GAS (%)
Europe	963.19	34.65	3.17	18.60	906.77	0.33
Albania	0.04	0.02	0.00	0.00	0.02	0.00
Austria	1.74	0.00	0.00	0.00	1.74	0.00
Belorussia	0.25	0.00	0.00	0.00	0.25	0.00
Bulgaria	0.02	0.00	0.00	0.00	0.02	0.00
Croatia	1.55	0.00	0.00	0.00	1.55	0.00
Czech Republic	0.12	0.00	0.00	0.00	0.12	0.00
Denmark	11.52	3.30	0.41	0.00	7.81	3.56
France	2.96	0.00	0.00	0.91	2.05	0.00
Germany	23.21	0.00	0.00	0.78	22.43	0.00
Greece	0.07	0.00	0.00	0.03	0.04	0.00
Hungary	3.56	0.00	0.00	0.21	3.35	0.00
Ireland	1.38	0.00	0.00	0.00	1.38	0.00
Italy	17.48	0.00	0.00	0.00	17.48	0.00
Moldova	0.50	0.00	0.00	0.00	0.50	0.00
Netherlands	72.03	0.00	0.00	0.00	72.03	0.00
Norway	81.79	28.60	0.66	2.65	49.88	0.81
Poland	3.65	0.00	0.00	0.00	3.65	0.00
Romania	14.43	0.00	0.00	0.23	14.20	0.00
Russia	599.90	0.00	0.00	10.20	589.70	0.00
Slovakia	0.20	0.00	0.00	0.00	0.20	0.00
Slovenia	0.01	0.00	0.00	0.00	0.01	0.00
Spain	0.58	0.00	0.00	0.00	0.58	0.00
Turkey	0.32	0.00	0.00	0.00	0.32	0.00
United Kingdom	107.13	2.73	2.10	3.59	98.71	1.96
Ukraine	18.10	0.00	0.00	0.00	18.10	0.00
Ex Yugoslavia	0.65	0.00	0.00	0.00	0.65	0.00
Central Asia	101.74	0.00	7.10	0.33	94.31	6.98
Azerbaijan	13.43	0.00	7.10	0.33	6.00	52.87
Georgia	0.06	0.00	0.00	0.00	0.06	0.00
Kazakhstan	9.80	0.00	0.00	0.00	9.80	0.00
Kyrgyzstan	0.04	0.00	0.00	0.00	0.04	0.00
Tajikistan	0.03	0.00	0.00	0.00	0.03	0.00
Turkmenistan	22.80	0.00	0.00	0.00	22.80	0.00
Uzbekistan	55.58	0.00	0.00	0.00	55.58	0.00

gas

WORLD PRODUCTION BALANCE

Countries in 1999

(billion cubic metres)

	GROSS PRODUCTION	REINJECTED GAS	FLARED AND VENTED GAS	OTHER LOSSES	MARKETED PRODUCTION	FLARED AND VENTED GAS (%)
Middle East	285.98	60.76	15.45	16.98	192.79	5.40
Bahrain	11.51	2.84	0.00	0.26	8.41	0.00
Iran	94.65	27.00	10.50	4.20	52.95	11.09
Iraq	4.38	0.00	0.95	0.25	3.18	21.69
Israel	0.01	0.00	0.00	0.00	0.01	0.00
Jordan	0.28	0.00	0.00	0.00	0.28	0.00
Kuwait	9.59	0.00	0.50	1.00	8.09	5.21
Oman	11.55	3.37	1.34	1.25	5.59	11.60
Qatar	31.05	3.80	0.00	3.25	24.00	0.00
Saudi Arabia	48.69	0.05	0.31	2.13	46.20	0.64
Syria	7.88	0.48	0.41	0.95	6.04	5.20
United Arab Emirates	50.29	7.45	1.44	3.36	38.04	2.86
Yemen	16.10	15.77	0.00	0.33	0.00	0.00
Africa	238.42	72.37	39.16	10.85	116.04	16.42
Algeria	152.75	58.60	6.65	5.50	82.00	4.35
Angola	7.30	2.29	4.30	0.15	0.56	58.90
Cameroon	2.07	0.00	2.07	0.00	0.00	100.00
Congo	3.80	2.30	1.40	0.10	0.00	36.84
Côte d'Ivoire	1.34	0.00	0.00	0.00	1.34	0.00
Egypt	20.50	0.90	0.92	3.15	15.53	4.49
Gabon	2.58	0.60	1.78	0.10	0.10	68.99
Equatorial Guinea	1.15	0.00	0.91	0.22	0.02	79.13
Libya	12.20	3.68	1.77	0.60	6.15	14.51
Morocco	0.05	0.00	0.00	0.00	0.05	0.00
Nigeria	30.70	4.00	18.85	0.90	6.95	61.40
Senegal	0.04	0.00	0.00	0.00	0.04	0.00
South Africa	1.56	0.00	0.16	0.00	1.40	10.26
Tunisia	2.38	0.00	0.35	0.13	1.90	14.71

gas

WORLD PRODUCTION BALANCE

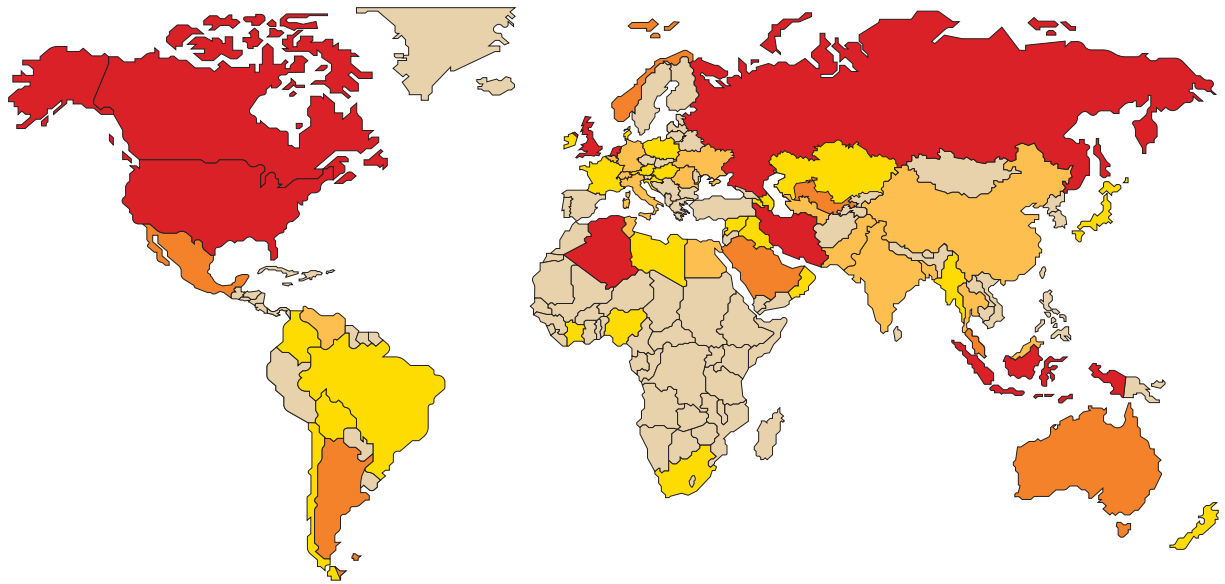
Countries in 1999

(billion cubic metres)

	GROSS PRODUCTION	REINJECTED GAS	FLARED AND VENTED GAS	OTHER LOSSES	MARKETED PRODUCTION	FLARED AND VENTED GAS (%)
Asia and the Pacific	287.50	16.14	7.83	9.11	254.42	2.72
Afghanistan	0.23	0.00	0.00	0.00	0.23	0.00
Australia	35.80	0.00	0.00	4.10	31.70	0.00
Bangladesh	9.05	0.00	0.00	0.00	9.05	0.00
Brunei	11.35	1.70	0.00	0.20	9.45	0.00
China	24.19	0.00	0.00	0.00	24.19	0.00
India	24.56	0.10	2.43	0.73	21.30	9.89
Indonesia	86.88	13.78	5.05	1.65	66.40	5.81
Japan	2.30	0.00	0.00	0.00	2.30	0.00
Malaysia	41.66	0.00	0.00	0.60	41.06	0.00
Myanmar	1.72	0.00	0.00	0.00	1.72	0.00
New Zealand	6.21	0.55	0.00	0.36	5.30	0.00
Pakistan	22.00	0.00	0.00	0.00	22.00	0.00
Papua New Guinea	0.12	0.01	0.00	0.00	0.11	0.00
Philippines	0.01	0.00	0.00	0.00	0.01	0.00
Taiwan	0.89	0.00	0.00	0.00	0.89	0.00
Thailand	19.18	0.00	0.00	1.47	17.71	0.00
Vietnam	1.35	0.00	0.35	0.00	1.00	25.93
Americas	1,092.21	149.04	27.46	77.70	838.01	2.51
Argentina	42.42	2.99	0.90	3.97	34.56	2.12
Bolivia	5.05	1.93	0.36	0.30	2.46	7.13
Brazil	11.87	2.19	2.30	1.13	6.25	19.38
Canada	209.77	13.21	2.46	13.35	180.75	1.17
Chile	2.96	0.82	0.10	0.09	1.95	3.38
Colombia	15.11	9.00	0.60	0.33	5.18	3.97
Cuba	0.69	0.00	0.10	0.09	0.50	14.49
Ecuador	1.07	0.17	0.80	0.00	0.10	74.77
Mexico	49.52	0.00	5.88	8.83	34.81	11.87
Peru	0.92	0.33	0.17	0.00	0.42	18.48
Trinidad and Tobago	14.16	0.00	2.43	0.00	11.73	17.16
United States	678.27	99.90	7.16	42.81	528.40	1.06
Venezuela	60.40	18.50	4.20	6.80	30.90	6.95

gas PRODUCTION

2000
(billion cubic metres)



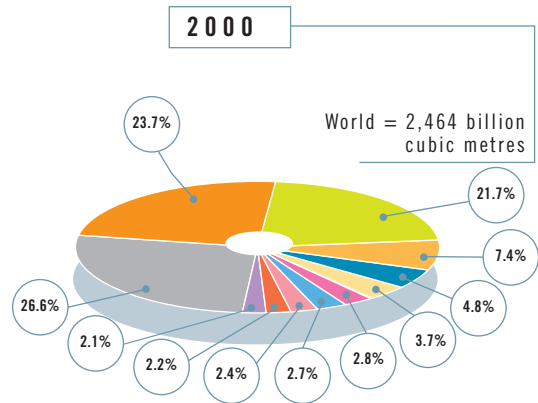
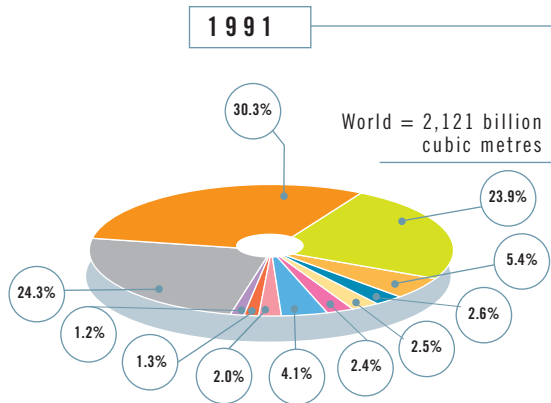
- More than 60.0 (7 Countries)
- From 30.1 to 60.0 (9 Countries)
- From 10.1 to 30.0 (16 Countries)
- From 1.0 to 10.0 (25 Countries)
- Not significant or not available

gas PRODUCTION

The first ten Countries in the World
(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Russia	457.49	631.69	642.89	640.40	617.57	606.71	594.90	600.30	571.10	589.50	589.70	583.95
United States	472.62	504.32	507.83	508.72	522.99	535.83	529.46	534.96	539.00	537.87	531.52	535.77
Canada	85.99	108.07	114.73	125.76	138.07	149.60	159.20	165.30	167.81	170.47	174.85	181.86
United Kingdom	43.73	49.56	55.24	55.88	62.90	69.72	75.48	90.02	91.85	95.57	104.69	117.80
Algeria	37.52	51.60	53.91	55.80	53.86	51.16	58.10	62.13	68.90	73.75	83.17	90.32
Indonesia	32.30	45.36	51.37	54.19	55.86	62.48	63.36	66.66	67.15	63.47	66.00	69.41
Netherlands	85.25	76.25	86.20	86.57	88.12	83.60	84.41	95.44	84.53	80.30	75.24	66.19
Uzbekistan	34.24	40.39	41.50	42.80	45.04	47.18	48.00	48.99	50.24	54.79	58.50	57.93
Norway	26.75	27.82	26.97	29.05	28.87	30.74	31.29	41.29	46.50	47.60	51.31	54.14
Iran	14.60	23.15	25.75	25.00	27.07	31.80	35.30	40.21	47.00	50.00	52.50	50.93

The first ten Countries in the World
(percentage)



- RUSSIA
- UNITED KINGDOM
- NETHERLANDS
- IRAN
- UNITED STATES
- ALGERIA
- UZBEKISTAN
- REST OF THE WORLD
- CANADA
- INDONESIA
- NORWAY

gas PRODUCTION

Areas and Aggregates

(billion cubic metres)

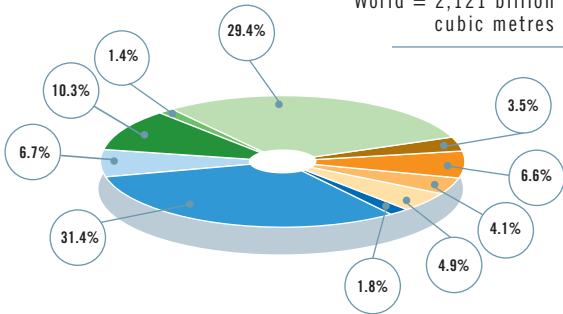
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe												
Western Europe	202.73	199.89	218.85	222.63	230.48	237.25	245.55	283.23	278.92	277.58	284.72	291.72
Central Europe	56.06	40.68	37.22	34.42	34.62	32.28	32.50	30.31	28.42	26.59	25.35	25.03
Eastern Europe	501.30	659.64	666.31	660.45	637.06	625.28	613.38	619.47	589.94	608.25	608.60	602.67
Central Asia												
Central Asia	136.41	141.66	141.89	111.72	116.95	89.77	90.94	95.22	79.74	79.32	94.29	93.77
Asia and the Pacific												
Ind. Asia and the Pacific	20.65	28.67	30.08	31.78	32.97	36.33	37.62	38.30	38.57	38.54	39.82	39.64
Dev. Asia and the Pacific	90.05	125.46	139.31	148.38	156.26	169.13	174.62	191.04	200.97	203.54	214.69	230.37
Middle East												
Middle East	63.92	99.94	103.49	112.00	121.55	133.72	141.68	155.51	176.20	186.92	194.32	198.97
Africa												
Africa	51.37	70.87	74.87	78.23	79.28	77.10	85.12	90.99	99.59	104.78	116.60	130.27
Americas												
North America	558.60	612.38	622.55	634.48	661.05	685.43	688.67	700.26	706.81	708.34	706.37	717.63
Latin America	74.17	85.88	86.29	87.42	90.58	94.92	100.25	108.01	116.00	123.38	131.94	133.93
World												
World	1,755.26	2,065.06	2,120.87	2,121.52	2,160.78	2,181.22	2,210.33	2,312.33	2,315.16	2,357.24	2,416.71	2,464.00
Developed countries												
Developed countries	781.98	840.94	871.48	888.89	924.50	959.01	971.83	1,021.78	1,024.30	1,024.46	1,030.91	1,048.99
Transition economies												
Transition economies	693.77	841.98	845.42	806.60	788.62	747.33	736.82	745.00	698.10	714.16	728.24	721.47
Developing Countries												
Developing Countries	279.51	382.15	403.97	426.03	447.66	474.88	501.67	545.55	592.76	618.62	657.56	693.53
International organisations												
EUROPEAN UNION	175.90	171.85	191.67	193.39	201.41	206.30	214.08	241.73	232.16	229.42	232.67	234.06
OECD	821.49	875.35	906.36	923.26	959.34	993.57	1,007.31	1,060.79	1,066.35	1,068.51	1,075.62	1,093.48
OPEC	152.56	216.12	229.55	241.78	251.64	268.44	285.49	309.26	334.98	342.96	362.17	374.89

gas PRODUCTION

Areas (percentage)

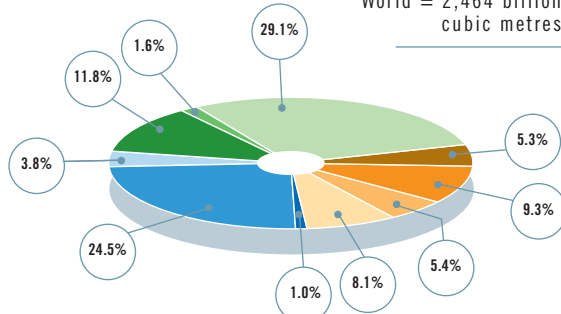
1991

World = 2,121 billion cubic metres



2000

World = 2,464 billion cubic metres



WESTERN EUROPE
INDUSTRIALIZED ASIA AND THE PACIFIC
NORTH AMERICA

AFRICA
DEVELOPING ASIA AND THE PACIFIC
LATIN AMERICA
MIDDLE EAST

CENTRAL EUROPE
EASTERN EUROPE
CENTRAL ASIA

gas PRODUCTION

Countries

(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	760.09	900.20	922.38	917.50	902.15	894.80	891.43	933.01	897.28	912.41	918.67	919.44
Albania	0.50	0.25	0.14	0.10	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01
Austria	1.24	1.35	1.38	1.44	1.49	1.36	1.48	1.49	1.43	1.57	1.84	2.22
Belgium	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Belorussia	0.29	0.29	0.27	0.27	0.27	0.27	0.28	0.27	0.24	0.25	0.30	0.30
Bulgaria	0.14	0.01	0.01	0.04	0.07	0.06	0.05	0.04	0.04	0.03	0.00	0.00
Croatia	1.46	1.99	1.84	1.82	2.05	1.79	2.00	1.78	1.72	1.57	1.60	1.81
Czech Republic	0.30	0.25	0.25	0.25	0.24	0.15	0.12	0.24	0.21	0.23	0.10	0.08
Denmark	1.21	3.34	4.21	4.11	4.47	4.88	5.29	6.42	7.86	7.57	7.76	8.26
France	5.66	3.03	3.49	3.46	3.59	3.56	3.57	3.00	2.64	2.38	1.74	1.94
Germany	21.87	17.20	19.88	20.08	18.01	19.61	20.38	22.12	22.08	20.98	22.41	20.24
Greece	0.09	0.17	0.17	0.15	0.08	0.04	0.04	0.04	0.03	0.03	0.00	0.03
Hungary	7.14	4.87	4.97	4.79	5.04	4.85	4.88	4.66	4.39	3.87	3.40	2.65
Ireland	2.43	2.31	2.34	2.32	2.67	2.72	2.78	2.70	2.34	1.75	1.36	1.19
Italy	14.13	17.29	17.40	18.15	19.46	20.64	20.25	20.03	19.27	19.16	17.49	16.17
Moldova			0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.50	0.50	0.50
Netherlands	85.25	76.25	86.20	86.57	88.12	83.60	84.41	95.44	84.53	80.30	75.24	66.19
Norway	26.75	27.82	26.97	29.05	28.87	30.74	31.29	41.29	46.50	47.60	51.31	54.14
Poland	6.37	3.87	4.13	4.02	4.95	4.63	4.82	5.02	5.10	5.12	5.02	5.49
Romania	38.77	28.34	24.81	22.14	21.12	19.59	19.35	17.50	15.70	14.60	14.20	13.96
Russia	457.49	631.69	642.89	640.40	617.57	606.71	594.90	600.30	571.10	589.50	589.70	583.95
Serbia and Montenegro	0.99	0.67	0.75	0.85	0.86	0.88	0.90	0.72	0.92	0.94	0.80	0.82
Slovakia	0.39	0.43	0.31	0.40	0.25	0.28	0.34	0.31	0.30	0.20	0.20	0.20
Slovenia			0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Spain	0.25	1.35	1.35	1.23	0.63	0.20	0.42	0.47	0.15	0.10	0.13	0.02
Turkey	0.07	0.21	0.20	0.20	0.20	0.20	0.18	0.21	0.25	0.57	0.73	3.52
Ukraine	43.53	27.65	23.15	19.78	19.22	18.30	18.20	18.40	18.10	18.00	18.10	17.92
United Kingdom	43.73	49.56	55.24	55.88	62.90	69.72	75.48	90.02	91.85	95.57	104.69	117.80
Central Asia	136.41	141.66	141.89	111.72	116.95	89.76	90.93	95.22	79.74	79.32	94.29	93.77
Azerbaijan	13.93	9.82	8.60	7.81	6.75	6.33	6.64	6.30	5.96	5.59	6.00	6.34
Georgia	0.07	0.05	0.05	0.04	0.05	0.00	0.00	0.06	0.06	0.06	0.10	0.10
Kazakhstan	5.40	7.03	8.10	7.25	6.65	4.46	4.80	4.60	6.09	5.49	7.20	7.13
Kyrgyzstan	0.11	0.10	0.06	0.06	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04
Tajikistan	0.30	0.11	0.10	0.06	0.04	0.03	0.05	0.05	0.05	0.05	0.05	0.05
Turkmenistan	82.35	84.17	83.49	53.69	58.38	31.72	31.40	35.18	17.30	13.30	22.40	22.18
Uzbekistan	34.24	40.39	41.50	42.80	45.04	47.18	48.00	48.99	50.24	54.79	58.50	57.93

gas PRODUCTION

Countries

(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Middle East	63.92	99.94	103.49	112.00	121.55	133.72	141.68	155.51	176.20	186.92	194.32	198.97
Bahrain	4.54	5.60	5.28	6.21	6.62	6.49	6.49	6.57	7.97	8.29	8.50	9.21
Iran	14.60	23.15	25.75	25.00	27.07	31.80	35.30	40.21	47.00	50.00	52.50	50.93
Iraq	0.85	3.98	1.74	2.27	2.55	3.17	3.17	3.24	3.05	2.95	3.20	2.83
Israel	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	
Jordan	0.00	0.13	0.12	0.17	0.20	0.28	0.29	0.27	0.29	0.28	0.30	
Kuwait	4.20	4.19	0.50	2.62	5.42	5.97	5.97	9.30	9.27	9.00	7.00	7.67
Oman	2.00	3.02	3.12	3.31	3.57	3.91	4.64	4.12	4.99	7.01	7.30	7.62
Qatar	5.50	6.30	7.63	12.62	13.50	13.50	13.50	13.70	17.40	19.58	24.00	25.36
Saudi Arabia	18.80	30.50	32.00	34.00	35.90	37.70	38.04	41.34	45.34	46.82	47.50	47.86
Syria	0.15	2.92	3.50	3.60	3.70	4.01	2.94	2.94	4.56	5.90	6.00	5.93
United Arab Emirates	13.23	20.11	23.81	22.17	22.99	26.86	31.32	33.80	36.31	37.07	38.00	41.56
Africa	51.37	70.87	74.87	78.22	79.28	77.10	85.12	90.99	99.59	104.78	116.60	130.27
Algeria	37.52	51.60	53.91	55.80	53.86	51.16	58.10	62.13	68.90	73.75	83.17	90.32
Angola	0.12	0.54	0.58	0.57	0.56	0.52	0.56	0.56	0.57	0.58	0.60	0.62
Côte d'Ivoire	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.55	0.60	0.69	1.00	
Egypt	4.93	8.07	9.08	9.82	11.29	11.99	12.43	13.40	13.50	13.86	15.32	15.12
Gabon	0.07	0.08	0.08	0.08	0.08	0.08	0.10	0.10	0.10	0.10	0.10	0.10
Libya	4.60	6.20	6.54	6.77	6.36	6.39	6.34	6.42	6.57	6.36	6.50	6.66
Morocco	0.09	0.05	0.04	0.02	0.02	0.02	0.02	0.02	0.05	0.05	0.07	
Nigeria	3.63	4.01	4.40	4.72	5.05	4.60	5.19	5.26	5.85	5.90	6.50	6.58
Senegal	0.00	0.00	0.00	0.00	0.02	0.04	0.05	0.06	0.04	0.04	0.04	
South Africa	0.00	0.00	0.00	0.04	1.66	1.95	1.96	1.76	1.75	1.55	1.40	
Tunisia	0.41	0.31	0.24	0.40	0.37	0.35	0.33	0.73	1.66	1.90	1.90	10.86

gas PRODUCTION

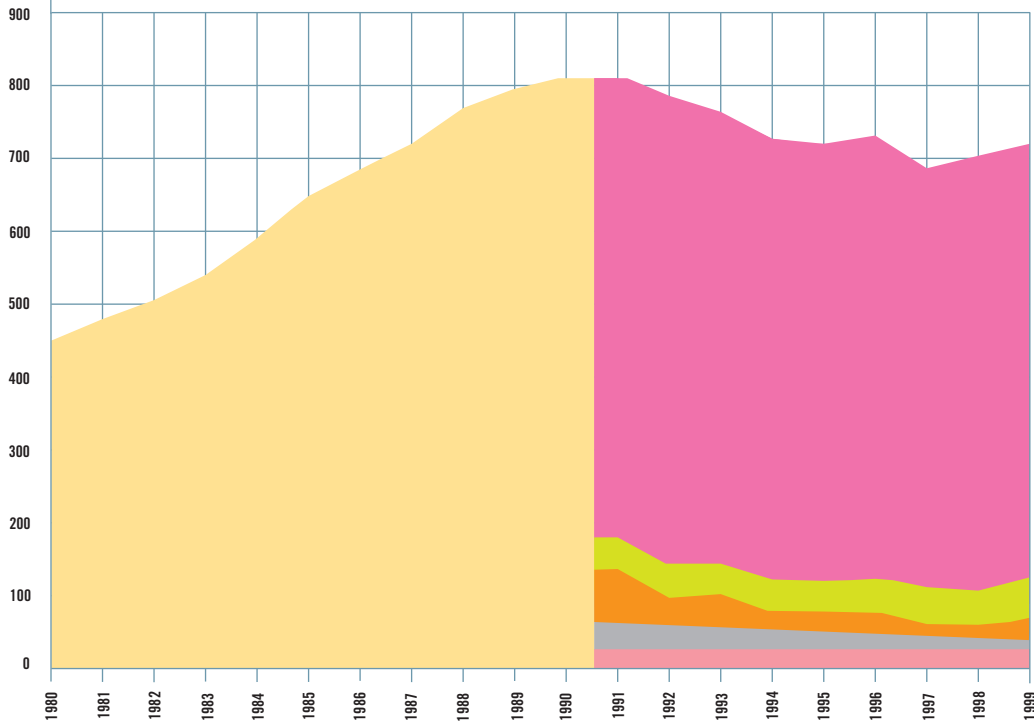
Countries

(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	110.69	154.13	169.39	180.16	189.23	205.47	212.24	229.34	239.54	242.08	254.51	270.01
Afghanistan	2.93	0.21	0.21	0.19	0.19	0.18	0.17	0.23	0.23	0.23		
Australia	13.34	20.53	21.69	23.20	24.59	28.15	29.76	29.80	29.71	30.36	30.80	31.29
Bangladesh	2.72	4.89	4.95	5.74	6.11	6.60	7.35	7.56	7.63	8.00	9.00	10.00
Brunei	8.35	10.32	10.58	10.73	10.78	11.09	9.35	9.21	9.18	8.92	9.20	10.27
China	12.93	14.40	14.90	15.19	15.81	16.67	17.03	18.99	21.20	22.11	24.00	26.38
India	3.78	10.59	12.71	15.32	15.06	16.81	17.77	19.72	20.30	21.54	21.30	25.13
Indonesia	32.30	45.36	51.37	54.19	55.86	62.48	63.36	66.66	67.15	63.47	66.00	69.41
Japan	2.34	2.04	2.13	2.16	2.17	2.27	2.21	2.23	2.28	2.30	2.28	2.45
Malaysia	12.38	18.52	21.15	22.55	24.93	26.13	28.88	34.83	38.40	40.70	43.00	43.23
Myanmar	0.92	0.85	0.86	0.87	1.10	1.43	1.64	1.60	1.51	1.76	1.70	
New Zealand	3.69	4.79	5.27	5.57	5.38	5.00	4.70	5.36	5.65	4.95	5.88	5.90
Pakistan	10.37	14.35	15.13	15.54	17.30	17.76	18.29	19.72	19.78	20.15	22.00	24.06
Papua New Guinea	0.00	0.08	0.08	0.08	0.08	0.05	0.10	0.13	0.12	0.12	0.12	0.12
Philippines	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	
Taiwan	1.28	1.30	0.99	0.85	0.83	0.92	0.95	0.91	0.93	0.93	0.86	
Thailand	3.37	5.89	7.37	7.77	8.79	9.68	10.41	12.13	15.23	16.10	17.80	21.03
Vietnam	0.00	0.00	0.00	0.21	0.25	0.25	0.26	0.25	0.23	0.55	0.68	0.71
Americas	632.77	698.26	708.84	721.90	751.63	780.35	788.91	808.26	822.81	831.72	838.32	851.56
Argentina	13.80	18.10	18.48	20.14	21.52	22.27	25.01	26.57	27.38	29.68	33.60	36.75
Barbados	0.03	0.03	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.03		
Bolivia	3.12	2.93	2.95	3.13	2.92	2.97	3.21	3.09	3.17	3.21	4.00	5.06
Brazil	2.17	3.58	3.51	3.74	4.13	4.22	4.51	5.05	5.52	5.72	6.10	6.30
Canada	85.99	108.07	114.73	125.76	138.07	149.60	159.20	165.30	167.81	170.47	174.85	181.86
Chile	1.43	2.65	1.67	1.79	1.75	1.99	1.90	1.81	2.13	1.99	1.80	1.80
Colombia	3.94	4.31	4.40	4.27	4.44	4.60	5.10	4.59	5.97	6.97	7.00	8.03
Cuba	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.75	0.79	0.80	
Ecuador	0.08	0.10	0.10	0.10	0.10	0.10	0.12	0.12	0.10	0.10	0.10	0.20
Mexico	26.99	26.73	26.52	26.16	25.44	25.85	26.61	30.00	33.27	35.76	37.04	36.27
Peru	1.34	1.15	1.00	0.91	0.96	0.98	0.93	0.97	0.24	0.49	0.40	0.12
Trinidad and Tobago	3.94	5.54	5.70	5.50	6.17	7.07	7.59	8.54	9.30	10.58	13.30	13.69
United States	472.62	504.32	507.83	508.72	522.99	535.83	529.46	534.96	539.00	537.87	531.52	535.77
Venezuela	17.33	20.72	21.90	21.62	23.08	24.81	25.20	27.20	28.14	28.06	27.80	25.71

gas PRODUCTION

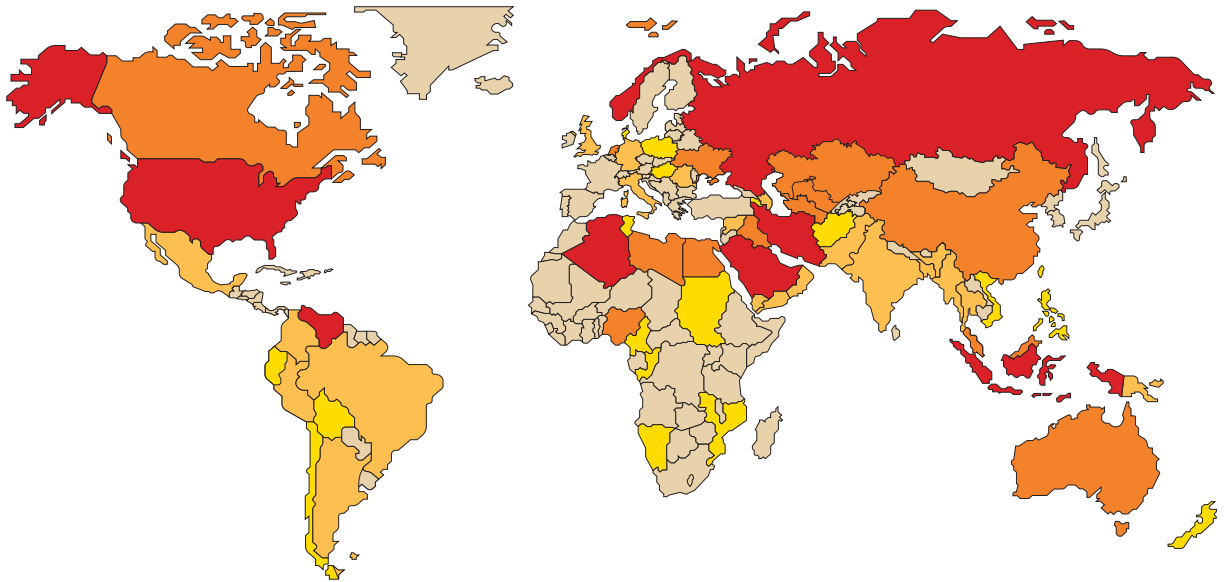
Former USSR and other new producers (billion cubic metres)



- EX USSR
- RUSSIA
- UZBEKISTAN
- UKRAINE
- TURKMENISTAN
- AZERBAIJAN, BELORUSSIA, GEORGIA, KAZAKHSTAN, KYRGYZSTAN, MOLDOVA, TAJIKISTAN

gas RESERVES

Reserves 2001
(billion cubic metres)



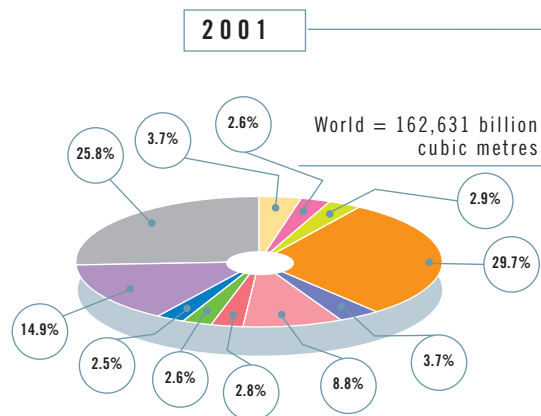
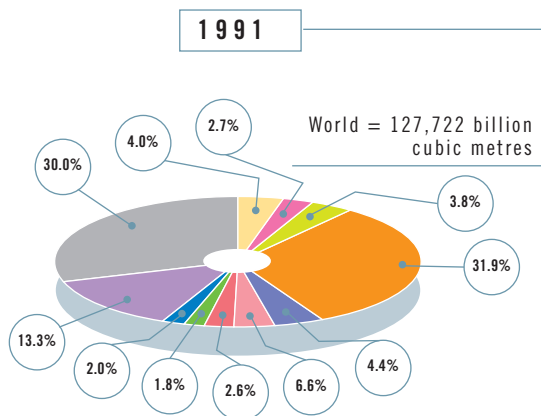
- More than 4000 (10 Countries)
- From 1001 to 4000 (14 Countries)
- From 201 to 1000 (21 Countries)
- From 50 to 200 (20 Countries)
- Not significant or not available

gas RESERVES

The first ten Countries in the World
(billion cubic metres as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Russia			40,692	40,692	40,692	49,500	48,900	48,900	48,900	48,240	48,240	48,240	48,240
Iran	13,775	17,000	17,003	19,800	20,700	20,440	20,764	20,990	23,000	23,000	24,200	24,200	24,200
Qatar	4,280	4,620	4,615	6,428	7,079	7,100	8,500	8,500	8,500	8,500	10,900	10,900	14,309
United Arab Emirates	3,108	5,650	5,623	5,793	5,795	5,779	5,777	5,859	5,784	6,063	6,063	6,063	6,066
Saudi Arabia	2,350	5,220	5,157	5,228	5,185	5,134	5,260	5,383	5,410	5,695	5,790	5,790	6,053
United States	5,591	4,732	4,795	4,731	4,673	4,599	4,639	4,676	4,714	4,735	4,735	4,660	4,756
Algeria	3,087	3,250	3,300	3,626	3,650	3,680	3,690	3,690	3,680	3,700	3,770	4,620	4,620
Venezuela	1,666	2,993	3,429	3,582	3,693	3,909	3,964	4,063	4,049	4,121	4,148	4,148	4,273
Norway	2,236	2,295	2,251	2,353	2,756	2,805	2,868	3,000	3,001	3,654	3,956	3,956	4,209
Indonesia	1,100	2,577	2,590	2,952	2,877	2,965	3,255	3,500	3,851	4,010	4,010	4,010	4,010

The first ten Countries in the World
(percentage)



- SAUDI ARABIA
- RUSSIA
- ALGERIA
- IRAN
- VENEZUELA
- UNITED ARAB EMIRATES
- NORWAY
- REST OF THE WORLD
- UNITED STATES
- QATAR
- INDONESIA

gas RESERVES

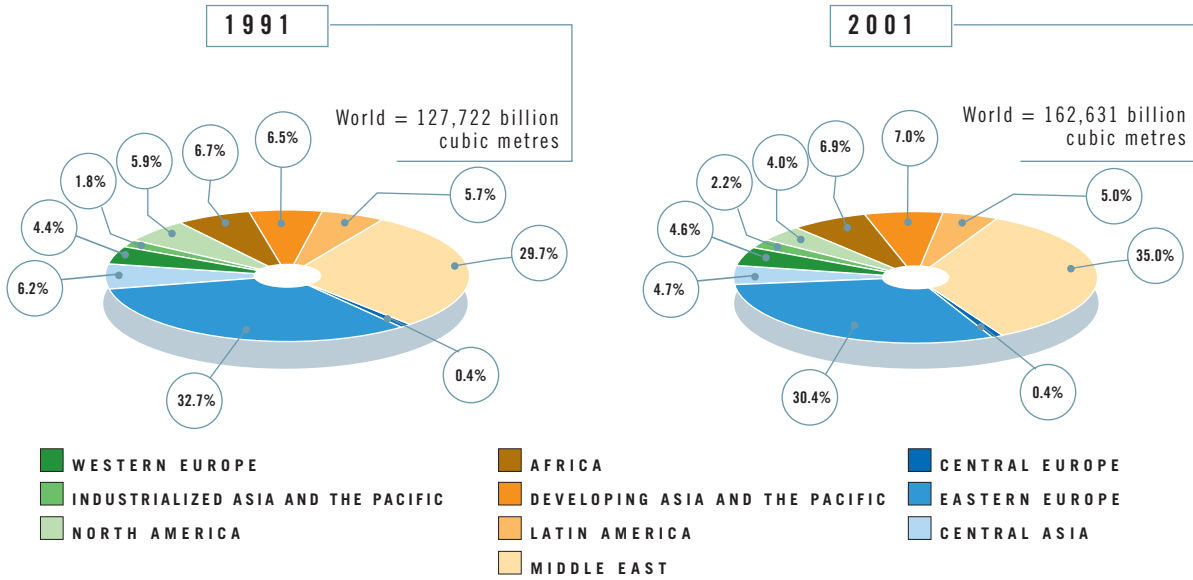
Areas and Aggregates

(billion cubic metres as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Europe													
Western Europe	5,395	5,172	5,617	5,726	6,212	6,175	6,214	6,334	6,282	6,945	7,192	7,159	7,405
Central Europe	542	527	485	846	847	827	815	791	761	734	713	713	713
Eastern Europe	37,500	57,716	41,742	41,742	41,742	50,550	49,950	49,950	49,953	49,293	49,368	49,368	49,368
Central Asia													
			7,923	7,881	7,881	7,881	7,881	7,581	7,586	7,586	7,563	7,563	7,563
Asia and the Pacific													
Ind. Asia and the Pacific	1,657	2,325	2,337	2,495	2,544	3,174	3,001	3,185	3,430	3,472	3,498	3,498	3,498
Dev. Asia and the Pacific	5,369	8,240	8,357	9,222	8,822	9,155	9,480	10,083	10,527	10,968	11,173	11,173	11,353
Middle East													
	25,845	37,834	37,923	42,717	44,296	44,072	45,994	46,852	49,002	49,343	53,054	53,054	56,892
Africa													
	5,775	8,474	8,552	9,511	9,582	9,767	9,863	9,935	10,148	10,255	10,438	11,293	11,293
Americas													
North America	8,400	7,464	7,520	7,442	7,345	6,831	6,537	6,605	6,555	6,544	6,535	6,460	6,475
Latin America	5,401	6,921	7,266	7,379	7,461	7,645	7,814	7,978	7,906	8,019	8,283	7,356	8,071
World													
	95,884	134,673	127,722	134,962	136,732	146,077	147,549	149,294	152,150	153,159	157,817	157,637	162,631
Developed Countries													
	15,452	14,961	15,474	15,663	16,101	16,180	15,752	16,124	16,267	16,961	17,225	17,117	17,378
Transition economies													
	38,042	58,243	50,150	50,470	50,470	59,257	58,646	58,322	58,300	57,613	57,644	57,644	57,644
Developing Countries													
	42,390	61,469	62,098	68,829	70,161	70,639	73,151	74,848	77,584	78,586	82,948	82,877	87,610
International organisations													
EUROPEAN UNION	3,130	2,849	3,338	3,345	3,431	3,345	3,321	3,308	3,255	3,265	3,210	3,177	3,196
OECD	17,837	17,288	17,755	17,867	18,284	18,356	17,890	18,228	18,253	18,925	19,145	18,112	18,373
OPEC	33,064	49,875	50,390	56,718	58,263	58,345	60,584	61,626	63,909	64,565	68,349	69,199	72,999

gas RESERVES

Areas (percentage)



gas RESERVES

Countries

(billion cubic metres as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Europe	43,437	63,415	47,844	48,315	48,801	57,551	56,979	57,075	56,996	56,972	57,273	57,240	57,486
Albania	5	3	3	2	14	14	14	14	14	14	14	14	14
Austria	12	17	18	18	20	21	22	22	22	24	24	24	24
Belorussia									3	3	3	3	3
Bulgaria	5	7	7	7	7	7	3	4	5	6	6	6	6
Croatia	59	50	48	46	45	43	41	39	37	34	35	35	35
Czech Rep,	10	15	14	13	13	18	18	19	4	4	4	4	4
Denmark	105	134	171	201	214	215	190	179	158	137	123	106	106
France	41	37	36	35	32	25	20	19	14	14	11	11	11
Germany			217	195	198	198	222	220	211	263	260	260	249
Greece	3	6	9	9	9	9	9	9	9	9	9	9	9
Hungary	133	108	102	97	97	98	98	93	88	84	80	80	80
Ireland	38	31	29	27	24	22	20	22	21	20	20	20	20
Italy	287	317	322	350	375	330	314	305	278	229	215	215	215
Netherlands	1,900	1,725	1,970	1,950	1,930	1,875	1,845	1,815	1,765	1,787	1,771	1,755	1,755
Norway	2,236	2,295	2,251	2,353	2,756	2,805	2,868	3,000	3,001	3,654	3,956	3,956	4,209
Poland	91	164	159	153	158	155	155	153	160	155	152	152	152
Romania	210	133	105	481	466	445	425	407	389	374	360	360	360
Russia			40,692	40,692	40,692	49,500	48,900	48,900	48,900	48,240	48,240	48,240	48,240
Serbia and Montenegro	29	47	47	47	47	47	47	47	47	46	45	45	45
Slovakia							14	15	15	15	15	15	15
Slovenia									2	2	2	2	2
Spain	19	22	21	20	19	20	19	17	17	17	2	2	1
Turkey	29	28	28	28	25	25	25	26	26	26	26	26	26
Ukraine			1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,125	1,125	1,125
United Kingdom	725	560	545	540	610	630	660	700	760	765	775	775	780
Ex USSR	37,500	57,716											
Central Asia			7,923	7,881	7,881	7,881	7,881	7,581	7,586	7,586	7,563	7,563	7,563
Armenia			176	176	176	176	176	176	176	176	176	176	176
Azerbaijan			900	900	900	900	900	900	900	900	895	895	895
Georgia				3	2	2	2	2	8	8	8	8	8
Kazakhstan			1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840
Kyrgyzstan			28	6	6	6	6	6	6	6	6	6	6
Tajikistan			28	7	7	7	7	7	6	6	6	6	6
Turkmenistan			3,200	3,200	3,200	3,200	3,200	2,900	2,900	2,900	2,900	2,900	2,900
Uzbekistan			1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,732	1,732	1,732

gas RESERVES

Countries

(billion cubic metres as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Middle East	25,845	37,834	37,923	42,717	44,296	44,072	45,994	46,852	49,002	49,343	53,054	53,054	56,892
Bahrain	214	183	177	173	167	159	153	147	142	142	140	140	140
Iran	13,775	17,000	17,003	19,800	20,700	20,440	20,764	20,990	23,000	23,000	24,200	24,200	24,200
Iraq	760	3,115	3,107	3,100	3,100	3,100	3,115	3,360	3,360	3,188	3,188	3,188	3,188
Israel	1	1	1	1	1	1	1	1	1	1	1	1	147
Jordan	0	11	15	5	5	5	5	5	5	5	5	5	5
Kuwait	1,038	1,400	1,518	1,500	1,485	1,498	1,499	1,494	1,489	1,490	1,480	1,480	1,480
Oman	215	279	280	93	150	200	256	453	597	542	568	568	585
Qatar	4,280	4,620	4,615	6,428	7,079	7,100	8,500	8,500	8,500	8,500	10,900	10,900	14,309
Saudi Arabia	2,350	5,220	5,157	5,228	5,185	5,134	5,260	5,383	5,410	5,695	5,790	5,790	6,053
Syria	104	157	182	200	200	227	235	235	235	238	240	240	240
United Arab Emirates	3,108	5,650	5,623	5,793	5,795	5,779	5,777	5,859	5,784	6,063	6,063	6,063	6,066
Yemen	0	198	245	396	429	429	429	425	479	479	479	479	479
Africa	5,775	8,474	8,552	9,511	9,582	9,767	9,863	9,935	10,148	10,255	10,438	11,293	11,293
Algeria	3,087	3,250	3,300	3,626	3,650	3,680	3,690	3,690	3,680	3,700	3,770	4,620	4,620
Angola	55	51	50	49	51	48	51	49	48	46	48	48	48
Benin								1	1	1	1	1	1
Cameroon	110	110	110	110	110	110	110	110	110	110	110	110	110
Congo	69	73	77	77	77	77	90	90	90	90	122	122	122
Côte d'Ivoire	90	100	100	15	15	23	25	30	28	30	30	30	30
Dem. Rep. Congo	1	1	1	1	1	1	1	1	1	1	1	1	1
Egypt	235	351	379	396	436	595	631	645	849	927	1,010	1,010	1,010
Equatorial Guinea	0	24	24	37	37	37	37	39	39	39	38	38	38
Ethiopia	0	25	25	25	25	25	25	25	25	25	25	25	25
Gabon	16	14	12	11	16	14	12	34	34	34	33	33	33
Ghana	0	0	0	24	24	24	24	24	24	24	24	24	24
Libya	570	1,218	1,208	1,309	1,299	1,289	1,310	1,313	1,311	1,315	1,315	1,315	1,315
Madagascar		2	2	2	2	2	2	2	2	2	2	2	2
Morocco	1	1	1	1	1	1	1	1	1	1	1	1	1
Mozambique	65	65	65	65	65	45	57	57	57	57	57	62	62
Namibia	0	57	57	57	57	57	57	57	85	85	85	85	85
Nigeria	1,330	2,832	2,840	3,400	3,400	3,451	3,450	3,474	3,475	3,483	3,485	3,485	3,485
Rwanda	40	57	57	57	57	57	57	57	57	57	57	57	57
Senegal	0	0	0	0	6	6	6	6	10	10	11	11	11
Somalia	6	6	6	6	6	6	6	6	6	6	6	6	6
South Africa	11	50	51	56	54	27	27	25	23	22	20	20	20
Sudan	0	86	86	86	86	86	86	86	86	86	86	86	86
Tanzania	28	28	28	28	28	28	28	28	28	28	28	28	28
Tunisia	61	73	73	73	79	78	80	86	78	76	73	73	73

gas RESERVES

Countries

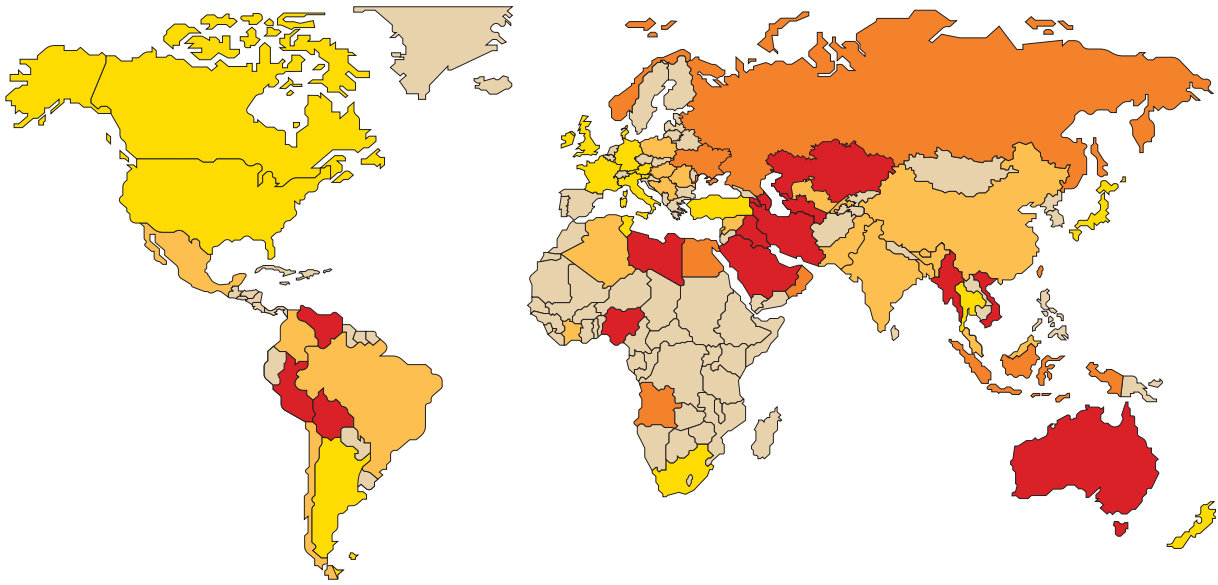
(billion cubic metres as at 1 January)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Asia and the Pacific	7,026	10,565	10,694	11,717	11,366	12,329	12,481	13,268	13,957	14,440	14,671	14,671	14,851
Afghanistan	60	100	100	100	100	100	100	100	100	100	100	100	100
Australia	1,457	2,130	2,146	2,294	2,350	2,986	2,824	3,010	3,260	3,280	3,310	3,310	3,310
Bangladesh	353	725	725	720	303	297	301	272	289	297	327	327	327
Brunei	238	317	331	396	400	400	400	400	400	391	382	382	382
China	760	850	850	900	920	1,025	1,025	1,070	1,120	1,199	1,250	1,250	1,250
India	478	686	700	730	735	718	702	686	675	665	650	650	650
Indonesia	1,100	2,577	2,590	2,952	2,877	2,965	3,255	3,500	3,851	4,010	4,010	4,010	4,010
Japan	28	36	35	33	31	30	30	30	31	41	40	40	40
Malaysia	1,390	1,614	1,640	1,674	1,737	1,825	1,926	2,271	2,260	2,464	2,480	2,480	2,480
Myanmar	260	266	265	278	278	268	268	268	282	283	285	285	285
New Zealand	151	139	137	100	95	90	77	68	63	75	72	72	72
Pakistan	520	650	642	756	637	651	665	604	589	595	685	685	685
Papua New Guinea	0	226	241	404	436	548	428	428	428	428	428	428	621
Philippines	0	0	34	51	62	71	101	161	161	161	161	161	161
Taiwan	21	20	19	68	68	68	70	77	76	76	76	76	76
Thailand	210	229	224	246	231	181	175	176	201	205	220	220	207
Vietnam	0	0	15	15	106	106	134	147	171	170	195	195	195
Americas	13,801	14,385	14,786	14,821	14,806	14,476	14,351	14,583	14,461	14,563	14,818	13,816	14,546
Argentina	668	671	660	643	541	517	535	619	688	684	687	687	749
Bolivia	125	116	113	116	120	118	108	127	125	118	150	150	632
Brazil	84	116	115	124	133	137	146	154	158	161	228	226	233
Canada	2,809	2,732	2,725	2,711	2,672	2,232	1,898	1,929	1,841	1,809	1,800	1,800	1,719
Chile	126	115	112	110	111	109	108	103	101	98	96	96	96
Colombia	109	112	110	104	212	212	283	340	214	221	228	228	228
Ecuador	115	112	111	110	109	108	107	106	105	103	102	102	102
Guatemala				0	0	0	0	0	0	0	3	3	3
Mexico	2,172	2,060	2,025	2,009	1,983	1,973	1,937	1,916	1,810	1,797	1,760	835	835
Peru	25	340	339	343	326	332	340	201	200	199	278	278	269
Trinidad and Tobago	311	286	252	238	233	230	286	349	456	517	603	603	651
United States	5,591	4,732	4,795	4,731	4,673	4,599	4,639	4,676	4,714	4,735	4,735	4,660	4,756
Venezuela	1,666	2,993	3,429	3,582	3,693	3,909	3,964	4,063	4,049	4,121	4,148	4,148	4,273

gas

RESERVES/PRODUCTION RATIOS

2000
(years)



- | | | |
|--|--|--|
| ■ More than 100 (17 Countries) | ■ From 21 to 60 (19 Countries) | ■ Not significant (prod.<0.4 billion cubic metres) or not available |
| ■ From 61 to 100 (8 Countries) | ■ Up to 20 (19 Countries) | |

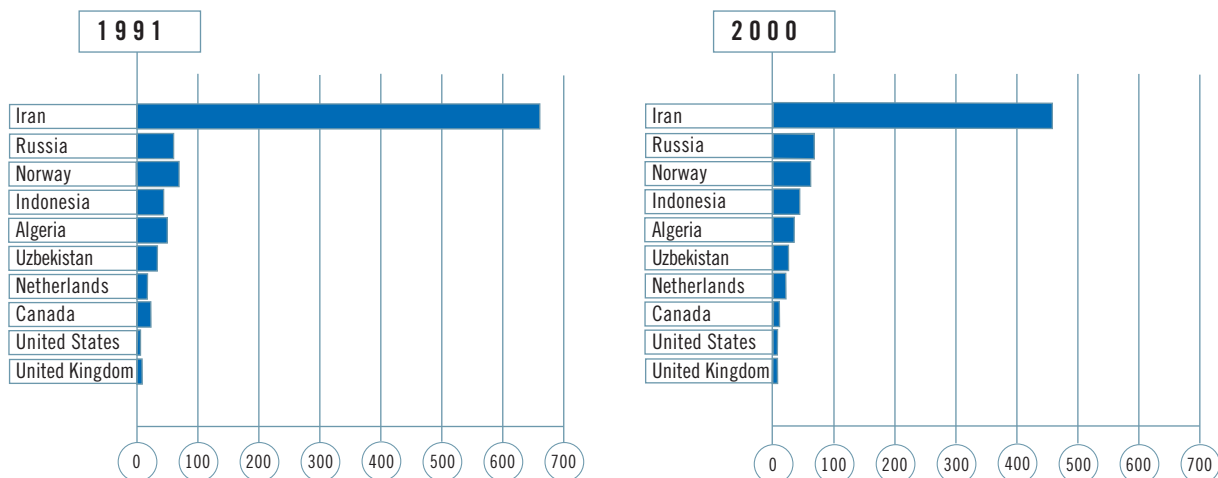
gas

RESERVES/PRODUCTION RATIOS

The first ten Countries in the World (years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Iran	943	734	660	792	765	643	588	522	489	460	461	475
Russia			73	74	78	82	82	81	86	82	82	83
Norway	84	83	83	81	95	91	92	73	65	77	77	78
Indonesia	34	57	50	54	52	47	51	53	57	63	61	58
Algeria	82	63	61	65	68	72	64	59	53	50	45	51
Uzbekistan			42	41	39	37	36	36	35	32	30	30
Netherlands	22	23	23	23	22	22	22	19	21	22	24	27
Canada	33	25	24	22	19	15	12	12	11	11	10	9
United States	12	9	9	9	9	9	9	9	9	9	9	9
United Kingdom	17	11	10	10	10	9	9	8	8	8	7	7

The first ten Countries in the World (years)



gas

RESERVES/PRODUCTION RATIOS

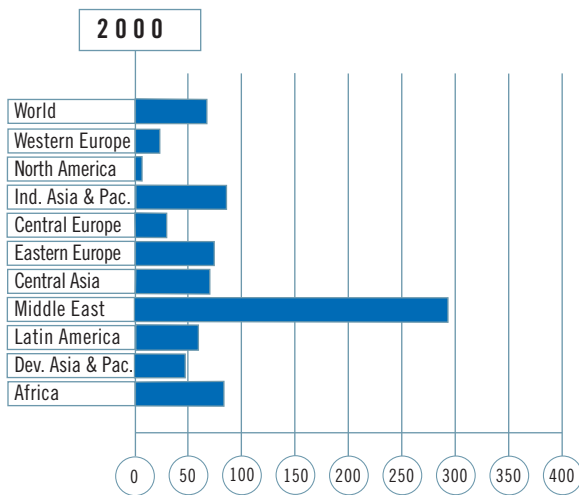
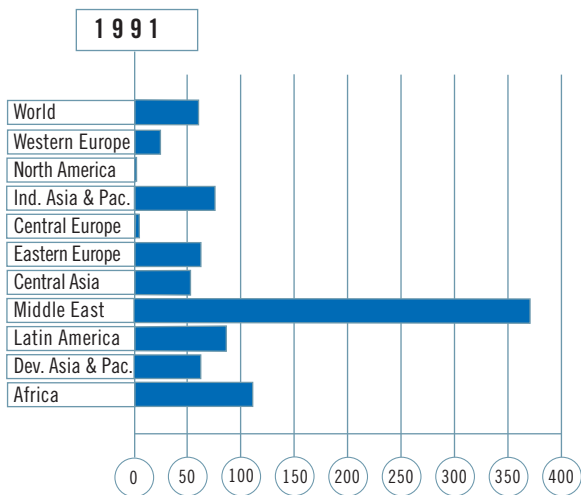
Areas and Aggregates (years)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe												
Western Europe	27	26	26	26	27	26	25	22	23	25	25	25
Central Europe	10	13	13	25	24	26	25	26	27	28	28	28
Eastern Europe	75	87	63	63	66	81	81	81	85	81	81	82
Central Asia												
			56	71	67	88	87	80	95	96	80	81
Asia and the Pacific												
Ind. Asia and the Pacific	80	81	78	79	77	87	80	83	89	90	88	88
Dev. Asia and the Pacific	60	66	60	62	56	54	54	53	52	54	52	49
Middle East												
	404	379	366	381	364	330	325	301	278	264	273	286
Africa												
	112	120	114	122	121	127	116	109	102	98	90	87
Americas												
North America	15	12	12	12	11	10	9	9	9	9	9	9
Latin America	73	81	84	84	82	81	78	74	68	65	63	60
World												
	55	65	60	64	63	67	67	65	66	65	65	66
Developed countries												
	20	18	18	18	17	17	16	16	16	17	17	17
Transition economies												
	55	69	59	63	64	79	80	78	84	81	79	80
Developing Countries												
	152	161	154	162	157	149	146	137	131	127	126	126
International organisations												
EUROPEAN UNION	18	17	17	17	17	16	16	14	14	14	14	14
OECD	22	20	20	19	19	18	18	17	17	18	18	17
OPEC	217	231	220	235	232	217	212	199	191	188	189	195

gas

RESERVES/PRODUCTION RATIOS

Areas
(years)



gas

RESERVES/PRODUCTION RATIOS

Countries (years)												
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	57	70	52	53	54	64	64	61	64	62	62	63
Albania	10	12	21	20	467	467	467	467	765	765	765	1,177
Austria	10	13	13	12	13	15	15	15	15	15	13	11
Belorussia									12	11	9	20
Bulgaria	36	700	700	175	100	117	60	100	125	200		117
Croatia	41	25	26	26	22	24	20	22	22	22	22	19
Czech Republic	34	61	56	52	55	118	150	80	19	18	40	52
Denmark	87	40	41	49	48	44	36	28	20	18	16	13
France	7	12	10	10	9	7	6	6	5	6	6	6
Germany			11	10	11	10	11	10	10	13	12	12
Greece	34	36	54	59	110	257	257	250	265	273		273
Hungary	19	22	21	20	19	20	20	20	20	22	24	30
Ireland	16	13	12	12	9	8	7	8	9	11	15	17
Italy	20	18	19	19	19	16	16	15	14	12	12	13
Netherlands	22	23	23	23	22	22	22	19	21	22	24	27
Norway	84	83	83	81	95	91	92	73	65	77	77	78
Poland	14	42	38	38	32	33	32	31	31	30	30	28
Romania	5	5	4	22	22	23	22	23	25	26	25	26
Russia			63	64	66	82	82	81	86	82	82	83
Serbia and Montenegro	29	70	63	56	55	53	52	65	51	49	56	55
Slovakia							41	48	50	75	75	75
Slovenia									200	200	200	200
Spain	76	16	16	16	30	100	46	36	115	177	13	23
Turkey	429	132	137	141	124	126	137	126	103	46	35	7
Ukraine			45	53	55	57	58	57	58	58	62	63
United Kingdom	17	11	10	10	10	9	9	8	8	8	7	7
Ex USSR	59	72										
Central Asia			56	71	67	88	87	80	95	96	80	81
Azerbaijan			105	115	133	142	136	143	151	161	149	141
Georgia				66	49	247	247	41	142	142	85	86
Kazakhstan			227	254	277	412	383	400	302	335	256	258
Kyrgyzstan			501	88	151	162	140	140	142	142	142	143
Tajikistan			286	107	155	225	136	136	113	113	113	114
Turkmenistan			38	60	55	101	102	82	168	218	129	131
Uzbekistan			42	41	39	37	36	36	35	32	30	30

gas

RESERVES/PRODUCTION RATIOS

Countries (years)	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	Middle East	404	379	366	381	364	330	325	301	278	264	273
Bahrain	47	33	34	28	25	24	24	22	18	17	16	15
Iran	943	734	660	792	765	643	588	522	489	460	461	475
Iraq	894	783	1,786	1,366	1,216	978	983	1,037	1,102	1,081	996	1,125
Israel	21	25	25	33	33	33	50	50	50	50	50	
Jordan		85	125	29	25	18	17	19	17	18	17	
Kuwait	247	334	3,036	573	274	251	251	161	161	166	211	193
Oman	108	92	90	28	42	51	55	110	120	77	78	77
Qatar	778	733	605	509	524	526	630	620	489	434	454	564
Saudi Arabia	125	171	161	154	144	136	138	130	119	122	122	126
Syria	693	54	52	56	54	57	80	80	52	40	40	40
United Arab Emirates	235	281	236	261	252	215	184	173	159	164	160	146
Africa	112	120	114	122	121	127	116	109	102	98	90	87
Algeria	82	63	61	65	68	72	64	59	53	50	45	51
Angola	465	94	86	86	91	92	91	88	84	79	80	77
Côte d'Ivoire							625	55	47	43	30	
Egypt	48	43	42	40	39	50	51	48	63	67	66	67
Gabon	229	166	142	135	190	186	120	340	340	340	330	330
Libya	124	196	185	193	204	202	207	205	200	207	202	197
Morocco	11	19	28	45	46	43	50	50	20	20	14	
Nigeria	366	706	645	720	673	750	665	660	594	590	536	530
Senegal					300	150	120	100	250	250	275	
South Africa				1,400	33	14	14	14	13	14	14	
Tunisia	149	235	304	183	214	223	242	118	47	40	38	7

gas

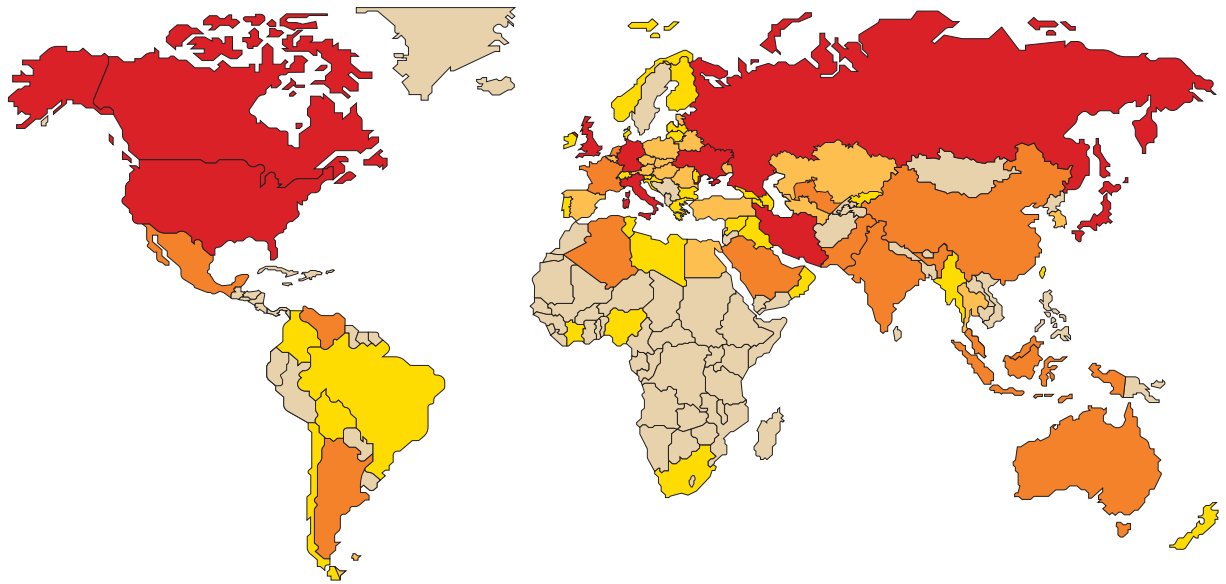
RESERVES/PRODUCTION RATIOS

Countries (years)												
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	63	69	63	65	60	60	59	58	58	60	58	55
Afghanistan	20	465	480	515	533	556	580	435	435	435		
Australia	109	104	99	99	96	106	95	101	110	108	107	106
Bangladesh	130	148	146	125	50	45	41	36	38	37	36	33
Brunei	29	31	31	37	37	36	43	43	44	44	42	37
China	59	59	57	59	58	61	60	56	53	54	52	47
India	126	65	55	48	49	43	40	35	33	31	31	26
Indonesia	34	57	50	54	52	47	51	53	57	63	61	58
Japan	12	18	16	15	14	13	14	13	14	18	18	16
Malaysia	112	87	78	74	70	70	67	65	59	61	58	57
Myanmar	283	313	308	320	253	187	163	168	187	161	168	
New Zealand	41	29	26	18	18	18	16	13	11	15	12	12
Pakistan	50	45	42	49	37	37	36	31	30	30	31	28
Papua New Guinea		2,861	3,051	5,114	5,450	10,960	4,280	3,292	3,567	3,567	3,567	5,031
Philippines							10,100	16,100	16,100	16,100	16,100	
Taiwan	16	15	19	80	82	74	74	85	82	82	89	
Thailand	62	39	30	32	26	19	17	15	13	13	12	10
Vietnam				71	424	424	519	583	743	309	286	275
Americas	22	21	21	21	20	19	18	18	18	18	18	17
Argentina	48	37	36	32	25	23	21	23	25	23	20	20
Bolivia	40	40	38	37	41	40	34	41	39	37	38	125
Brazil	39	32	33	33	32	32	32	30	29	28	37	37
Canada	33	25	24	22	19	15	12	12	11	11	10	9
Chile	88	43	67	61	63	55	57	57	47	49	53	53
Colombia	28	26	25	24	48	46	55	74	36	32	33	28
Ecuador	1,438	1,120	1,110	1,100	1,090	1,080	892	883	1,050	1,030	1,020	519
Mexico	80	77	76	77	78	76	73	64	54	50	48	23
Peru	19	296	339	377	340	339	366	207	833	406	695	2,273
Trinidad and Tobago	79	52	44	43	38	33	38	41	49	49	45	48
United States	12	9	9	9	9	9	9	9	9	9	9	9
Venezuela	96	144	157	166	160	158	157	149	144	147	149	166

gas CONSUMPTION

1999

(billion cubic metres)



More than 50.0 (9 Countries)

From 20.1 to 50.0 (15 Countries)

From 7.1 to 20.0 (19 Countries)

From 1.0 to 7.0 (35 Countries)

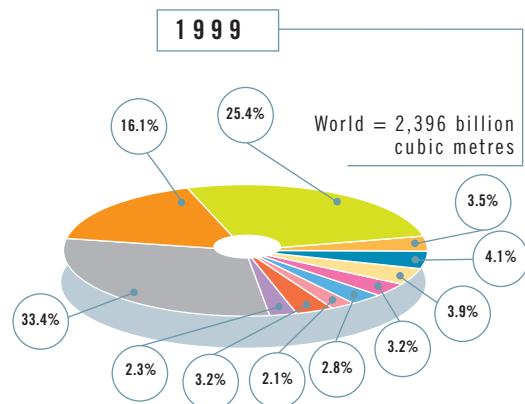
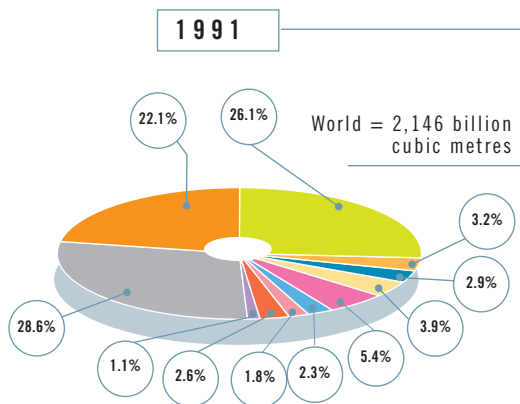
Not significant or not available

gas CONSUMPTION

The first ten Countries in the World
(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
United States	504.18	530.71	560.55	569.58	592.70	586.04	610.74	621.61	621.85	603.53	609.16
Russia			474.50	453.56	429.20	414.24	394.78	392.45	384.15	394.83	386.30
United Kingdom	57.09	56.84	61.56	61.73	66.96	72.16	76.34	89.90	90.54	93.39	98.64
Germany	68.52	72.80	84.74	83.02	78.41	85.89	94.08	103.96	100.21	100.60	92.70
Canada	61.09	66.40	68.13	71.38	75.23	78.44	81.84	86.19	86.41	78.75	84.30
Ukraine			115.89	112.60	97.99	98.34	85.40	86.20	75.30	75.60	75.70
Japan	41.75	51.68	55.55	56.47	56.97	61.72	62.58	67.68	66.25	73.21	75.59
Italy	33.29	47.35	50.06	49.76	50.99	49.15	54.58	56.08	57.87	62.33	67.20
Iran	14.60	21.65	22.74	25.00	26.57	31.80	35.20	40.11	47.10	51.75	55.70
Uzbekistan			38.60	44.67	44.31	44.91	45.50	46.39	45.64	46.09	49.50

The first ten Countries in the World
(percentage)



- RUSSIA
- UNITED KINGDOM
- ITALY
- IRAN
- UNITED STATES
- GERMANY
- UZBEKISTAN
- REST OF THE WORLD
- CANADA
- UKRAINE
- JAPAN

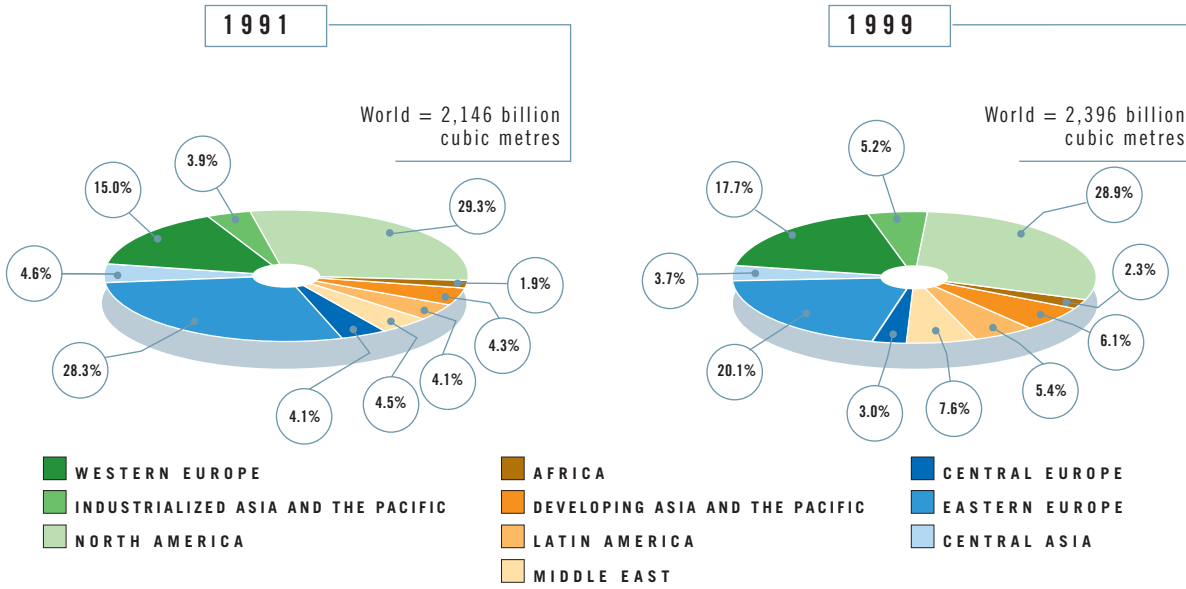
gas CONSUMPTION

Areas and Aggregates (billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe											
Western Europe	259.40	291.37	322.02	320.39	327.09	336.39	359.79	398.00	397.69	412.01	422.95
Central Europe	85.58	86.34	88.15	77.68	75.32	73.81	80.04	84.06	77.67	74.66	72.99
Eastern Europe	564.34	685.07	607.05	586.63	546.04	529.15	495.70	496.42	479.19	489.38	481.00
Central Asia											
			98.75	92.91	83.66	77.01	74.99	75.24	70.94	74.32	87.59
Asia and the Pacific											
Ind. Asia and the Pacific	60.06	78.37	83.65	87.96	90.48	99.59	102.44	111.10	112.99	118.91	125.46
Dev. Asia and the Pacific	55.04	81.77	92.39	98.18	104.69	113.29	117.21	128.21	135.68	137.95	145.39
Middle East											
	60.81	95.24	97.03	108.58	117.70	129.57	135.02	148.26	165.63	176.71	182.32
Africa											
	29.42	39.50	40.05	41.96	43.50	45.61	47.84	50.34	50.64	52.50	55.56
Americas											
North America	565.27	597.11	628.68	640.95	667.93	664.48	692.57	707.80	708.26	682.28	693.46
Latin America	73.67	86.32	87.81	89.93	91.49	96.47	101.67	109.82	115.46	124.36	128.82
World											
	1,753.58	2,041.09	2,145.57	2,145.16	2,147.91	2,165.38	2,207.28	2,309.24	2,314.14	2,343.09	2,395.53
Developed countries											
	884.72	966.85	1034.35	1049.30	1085.50	1100.46	1154.80	1216.90	1218.93	1213.20	1241.87
Transition economies											
	649.92	771.41	793.94	757.22	705.02	679.98	650.73	655.71	627.80	638.36	641.58
Developing Countries											
	218.94	302.83	317.28	338.65	357.38	384.95	401.75	436.64	467.42	491.53	512.09
International organisations											
EUROPEAN UNION	256.52	283.46	313.21	310.22	315.42	324.82	346.42	383.36	380.72	393.61	401.47
OECD	937.96	1020.68	1087.09	1099.49	1135.81	1150.32	1207.27	1276.65	1278.67	1276.29	1304.06
OPEC	106.93	151.32	157.91	169.76	179.08	196.05	206.97	225.18	239.77	243.82	249.83

gas CONSUMPTION

Areas (percentage)



gas CONSUMPTION

Countries

(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	909.32	1,062.78	1,017.21	984.69	948.46	939.36	935.53	978.47	954.55	976.06	976.94	
Albania	0.50	0.25	0.14	0.10	0.03	0.03	0.03	0.03	0.02	0.02	0.02	
Austria	5.63	6.39	6.63	6.34	6.67	7.01	7.40	7.97	7.68	7.89	8.19	8.12
Belgium	9.04	9.96	10.65	11.11	11.51	11.33	12.53	13.94	13.27	14.63	15.31	16.28
Belorussia			12.62	16.73	15.57	13.42	12.82	13.97	15.54	15.55	15.60	
Bosnia-Herzegovina	0.25	0.30	0.45	0.42	0.14	0.26	0.26	0.26	0.14	0.20	0.20	
Bulgaria	6.25	6.76	5.88	5.51	4.83	4.80	5.88	5.98	4.92	3.83	3.20	
Croatia	2.47	3.02	2.50	2.77	2.72	2.56	2.40	2.66	2.77	2.67	2.70	
Czech Republic	5.16	6.42	6.24	6.32	7.30	7.04	7.54	9.29	9.34	9.34	9.39	9.09
Denmark	0.75	2.18	2.48	2.43	2.73	3.06	3.53	4.16	4.37	4.75	4.97	4.91
Estonia			1.36	0.79	0.39	0.56	1.00	0.80	0.80	0.80	0.80	
Finland	0.98	2.76	2.91	2.94	3.04	3.37	3.51	3.67	3.52	4.05	4.10	4.19
France	30.95	32.89	35.93	36.05	36.64	34.60	33.49	36.43	36.56	37.89	38.26	38.87
Germany	68.52	72.80	84.74	83.02	78.41	85.89	94.08	103.96	100.21	100.60	92.70	93.44
Greece	0.09	0.17	0.17	0.15	0.08	0.04	0.04	0.04	0.18	0.87	1.49	1.83
Hungary	10.80	10.93	11.12	9.90	10.54	10.64	11.00	13.03	11.86	12.19	12.47	12.03
Ireland	2.43	2.31	2.34	2.32	2.67	2.71	2.78	3.19	3.34	3.36	3.48	4.02
Italy	33.29	47.35	50.06	49.76	50.99	49.15	54.58	56.08	57.87	62.33	67.20	69.82
Latvia			3.00	1.85	1.30	0.91	1.21	1.09	1.10	1.30	1.30	
Lithuania			5.93	3.53	1.91	2.21	2.60	2.60	2.20	2.30	2.30	
Luxembourg	0.37	0.52	0.55	0.57	0.56	0.57	0.62	0.69	0.72	0.71	0.74	0.76
Macedonia	0.27	0.33	0.32	0.26	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
Moldova			4.04	3.74	3.29	3.15	2.69	3.80	4.20	3.40	3.40	
Netherlands	44.94	43.02	48.09	46.60	48.03	47.20	48.16	53.08	49.91	49.51	48.40	48.54
Norway	1.35	2.44	2.32	3.33	4.20	3.92	3.65	3.37	4.22	4.95	5.90	6.48
Poland	12.17	11.99	10.69	10.15	11.14	11.02	12.09	12.36	13.11	12.63	12.50	13.87
Portugal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.81	2.25	2.44
Romania	39.15	35.64	30.09	27.00	25.72	24.09	25.50	24.64	20.20	18.40	17.60	
Russia			474.50	453.56	429.20	414.24	394.78	392.45	384.15	394.83	386.30	
Serbia and Montenegro	2.48	3.04	3.27	2.03	1.82	2.65	2.45	3.16	3.19	2.94	1.90	
Slovakia	5.32	6.72	6.36	6.40	6.51	6.34	7.13	7.25	7.10	7.10	7.60	
Slovenia	0.76	0.93	0.80	0.65	0.68	0.69	0.96	0.91	0.92	0.95	1.01	
Spain	2.34	5.63	6.41	6.45	6.26	6.89	8.51	9.34	11.54	11.93	14.84	15.63
Sweden	0.09	0.64	0.68	0.77	0.88	0.86	0.86	0.92	0.93	0.90	0.90	0.91
Switzerland	1.46	1.99	2.23	2.20	2.31	2.42	2.67	3.06	2.95	2.97	2.97	2.95
Turkey	0.07	3.48	4.25	4.64	5.16	5.23	7.06	8.21	9.80	10.48	12.61	14.96
Ukraine			115.89	112.60	97.99	98.34	85.40	86.20	75.30	75.60	75.70	
United Kingdom	57.09	56.84	61.56	61.73	66.96	72.16	76.34	89.90	90.54	93.39	98.64	102.88
Ex USSR	564.34	685.07										

gas CONSUMPTION

Countries

(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Central Asia			98.75	92.91	83.66	77.01	74.99	75.24	70.94	74.32	87.59	
Armenia			3.80	1.66	0.82	0.91	1.46	1.12	1.30	1.50	1.50	
Azerbaijan			16.71	11.95	9.25	8.79	7.84	6.30	5.96	5.59	6.00	
Georgia			5.40	4.85	3.69	2.45	0.90	1.26	0.36	1.86	1.90	
Kazakhstan			16.92	16.51	12.92	9.53	6.30	3.70	6.09	5.89	7.60	
Kirgyzstan			2.13	1.65	1.24	0.79	0.84	0.84	0.74	1.04	1.04	
Tajikistan			1.70	1.62	1.28	1.08	0.95	0.95	1.05	0.85	0.85	
Turkmenistan			13.49	10.01	10.14	8.56	11.20	14.68	9.80	11.50	19.20	
Uzbekistan			38.60	44.67	44.31	44.91	45.50	46.39	45.64	46.09	49.50	
Middle East	60.81	95.24	97.03	108.58	117.70	129.57	135.02	148.26	165.63	176.71	182.32	
Bahrain	4.54	5.60	5.28	6.21	6.62	6.49	6.49	6.57	7.97	8.29	8.50	
Iran	14.60	21.65	22.74	25.00	26.57	31.80	35.20	40.11	47.10	51.75	55.70	
Iraq	0.85	1.98	1.74	2.27	2.55	3.17	3.17	3.24	3.05	2.95	3.20	
Israel	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	
Jordan	0.00	0.13	0.12	0.17	0.20	0.28	0.29	0.27	0.29	0.28	0.30	
Kuwait	4.20	6.19	0.50	2.62	5.42	5.97	5.97	9.30	9.27	9.00	7.00	
Oman	2.00	3.02	3.12	3.31	3.57	3.91	4.61	3.62	4.49	6.56	6.80	
Qatar	5.50	6.30	7.63	12.62	13.50	13.50	13.50	13.70	14.54	14.79	15.90	
Saudi Arabia	18.80	30.50	32.00	34.00	35.90	37.70	38.04	41.34	45.34	46.82	47.50	
Syria	0.15	2.92	3.50	3.60	3.70	4.01	2.94	2.94	4.56	5.90	6.00	
United Arab Emirates	10.12	16.91	20.36	18.75	19.64	22.71	24.79	27.15	29.00	30.35	31.40	
Africa	29.42	39.50	40.05	41.95	43.50	45.61	47.84	50.34	50.64	52.50	55.56	
Algeria	15.98	20.27	20.02	20.67	18.55	19.55	21.01	21.28	20.16	21.34	22.83	
Angola	0.12	0.54	0.58	0.57	0.56	0.52	0.56	0.56	0.57	0.58	0.60	
Côte d'Ivoire	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.55	0.60	0.69	1.00	
Egypt	4.88	8.07	9.08	9.82	11.29	11.99	12.43	13.40	13.50	13.86	15.32	
Gabon	0.07	0.08	0.08	0.08	0.08	0.08	0.10	0.10	0.10	0.10	0.10	
Libya	3.56	4.96	4.96	4.93	4.76	4.91	4.85	5.22	5.45	5.45	5.50	
Morocco	0.09	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.05	0.05	0.07	
Nigeria	3.63	4.01	4.40	4.72	5.05	4.60	5.19	5.26	5.85	5.90	5.80	
Senegal	0.00	0.00	0.00	0.00	0.02	0.04	0.05	0.06	0.04	0.04	0.04	
South Africa	0.00	0.00	0.00	0.04	1.66	1.95	1.96	1.76	1.75	1.55	1.40	
Tunisia	1.09	1.51	0.89	1.10	1.50	1.95	1.63	2.13	2.57	2.94	2.90	

gas CONSUMPTION

Countries

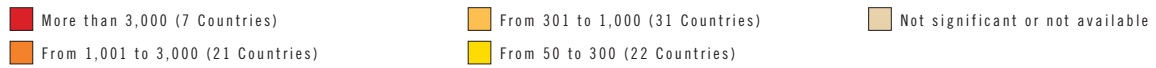
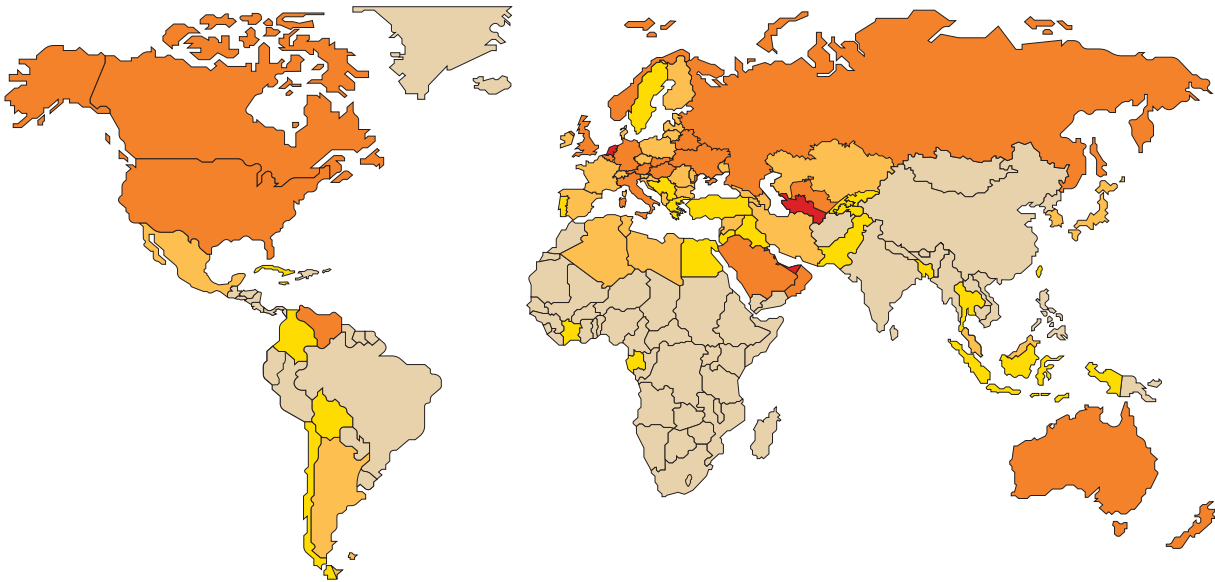
(billion cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Asia and the Pacific	115.09	160.14	176.05	186.14	195.18	212.88	219.65	239.32	248.67	256.86	270.85	
Afghanistan	0.64	0.21	0.21	0.19	0.19	0.18	0.17	0.23	0.23	0.23		
Australia	13.34	16.59	16.48	17.01	17.90	19.38	20.15	19.71	19.62	19.87	20.44	20.48
Bangladesh	2.72	4.89	4.95	5.74	6.11	6.60	7.35	7.56	7.63	8.00	9.00	
Brunei	1.49	2.77	2.93	3.02	2.98	3.07	0.95	0.78	0.88	0.79	0.80	
China	12.93	14.40	14.90	15.19	15.81	16.67	17.03	18.77	21.20	22.11	24.00	
Hong Kong	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	
India	3.78	10.59	12.71	15.32	15.06	16.81	17.77	19.72	20.30	21.54	21.30	
Indonesia	12.36	17.83	21.66	22.56	24.06	27.33	30.05	31.38	31.87	27.41	27.20	
Japan	41.75	51.68	55.55	56.47	56.97	61.72	62.58	67.68	66.25	73.21	75.59	78.69
Malaysia	6.46	9.91	11.60	11.69	12.96	13.46	13.19	15.93	16.69	19.30	20.90	
Myanmar	0.92	0.85	0.86	0.87	1.10	1.43	1.64	1.60	1.51	1.76	1.70	
New Zealand	3.69	4.79	5.28	5.57	5.38	5.00	4.70	5.36	5.66	4.95	5.88	6.28
Pakistan	10.37	14.35	15.13	15.54	17.30	17.76	18.29	19.72	19.78	20.15	22.00	
Papua New Guinea	0.00	0.08	0.08	0.08	0.08	0.05	0.10	0.13	0.12			
Philippines	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	
Singapore	0.00	0.00	0.00	1.10	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
South Korea	0.00	3.15	3.54	4.64	5.76	7.82	9.32	12.30	14.87	13.78	16.10	18.29
Taiwan	1.28	2.16	2.80	3.17	2.98	4.17	4.19	4.33	5.09	5.61	5.94	
Thailand	3.37	5.89	7.37	7.77	8.79	9.68	10.41	12.13	15.23	16.10	17.80	
Vietnam	0.00	0.00	0.00	0.21	0.25	0.25	0.26	0.25	0.23	0.55	0.68	
Americas	638.93	683.43	716.48	730.88	759.42	760.95	794.25	817.62	823.72	806.64	822.28	
Argentina	16.01	20.29	20.66	22.34	23.59	24.25	26.99	28.61	28.54	30.60	33.40	
Barbados	0.03	0.03	0.02	0.02	0.03	0.02	0.03	0.03	0.03	0.03		
Bolivia	0.64	0.74	0.77	0.93	0.85	0.99	1.12	1.05	1.34	1.05	1.80	
Brazil	2.17	3.58	3.51	3.74	4.13	4.22	4.51	5.05	5.52	5.72	6.50	
Canada	61.09	66.40	68.13	71.38	75.23	78.44	81.84	86.19	86.41	78.75	84.30	86.07
Chile	1.43	2.65	1.67	1.79	1.75	1.99	1.90	1.81	2.80	3.23	3.80	
Colombia	3.94	4.31	4.40	4.27	4.44	4.60	5.10	4.59	5.97	6.97	7.00	
Cuba	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.75	0.79	0.80	
Ecuador	0.08	0.10	0.10	0.10	0.10	0.10	0.12	0.12	0.10	0.10	0.10	
Mexico	26.76	27.17	28.04	28.67	26.36	27.40	28.14	31.81	32.74	36.75	36.02	38.54
Peru	1.34	1.15	1.00	0.91	0.96	0.98	0.93	0.97	0.24	0.49	0.40	
Trinidad and Tobago	3.94	5.54	5.70	5.50	6.17	7.07	7.59	8.54	9.30	10.58	11.20	
United States	504.18	530.71	560.55	569.58	592.70	586.04	610.74	621.61	621.85	603.53	609.16	628.65
Venezuela	17.33	20.72	21.90	21.62	23.08	24.81	25.20	27.20	28.14	28.06	27.80	

gas

PER-CAPITA CONSUMPTION

1999
(cubic metres)



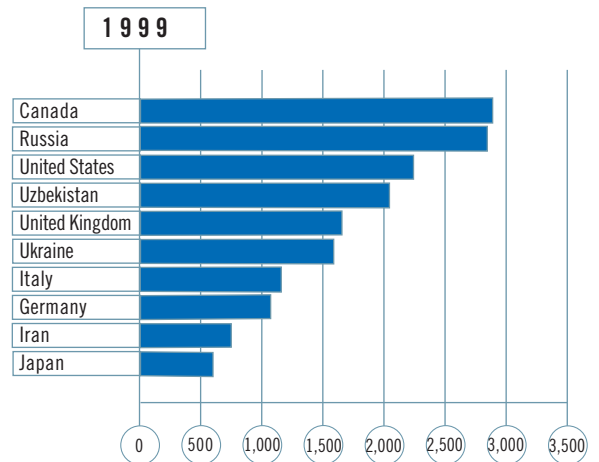
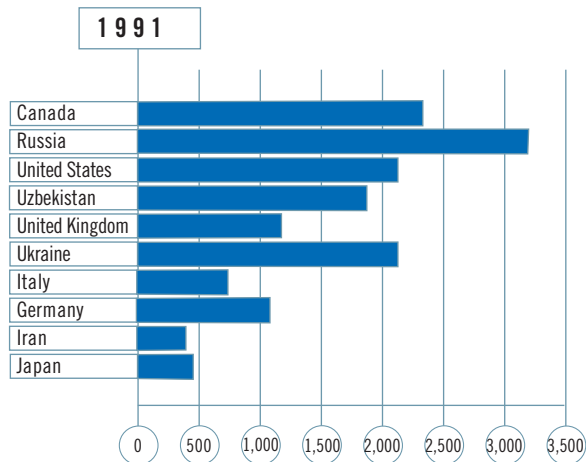
gas

PER-CAPITA CONSUMPTION

The first ten Countries in the World (cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Canada	2,355	2,389	2,423	2,501	2,599	2,681	2,763	2,876	2,850	2,567	2,716
Russia			3,193	3,050	2,889	2,792	2,664	2,656	2,608	2,689	2,639
United States	2,119	2,128	2,223	2,234	2,299	2,251	2,323	2,343	2,323	2,234	2,235
Uzbekistan	50		1,842	2,082	2,019	2,007	1,997	1,997	1,927	1,909	2,011
United Kingdom	1,007	987	1,065	1,064	1,151	1,236	1,303	1,529	1,536	1,579	1,663
Ukraine			2,229	2,159	1,878	1,894	1,657	1,700	1,508	1,539	1,566
Italy	588	835	882	875	894	860	954	977	1,005	1,080	1,160
Germany	882	917	1,059	1,030	966	1,054	1,152	1,269	1,219	1,220	1,121
Iran	315	403	412	441	457	533	575	642	737	793	835
Japan	346	418	448	455	457	494	499	538	525	579	596

The first ten Countries in the World (percentage)



gas

PER-CAPITA CONSUMPTION

Areas and Aggregates

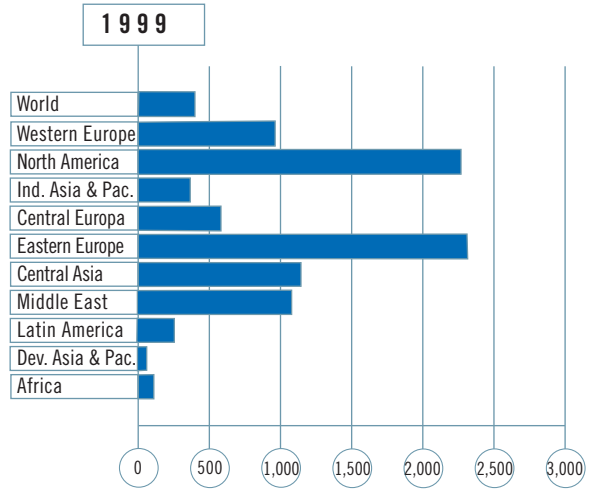
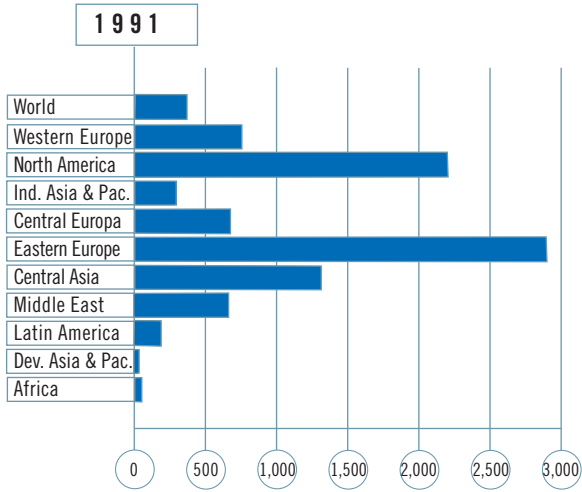
(cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe											
Western Europe	617	673	739	730	740	757	806	887	882	909	928
Central Europe	664	659	698	617	599	586	614	646	599	577	565
Eastern Europe	2,705	3,196	2,820	2,722	2,535	2,461	2,312	2,330	2,263	2,325	2,299
Central Asia											
			1,456	1,347	1,197	1,093	1,057	1,051	982	1,020	1,191
Asia and the Pacific											
Ind. Asia and the Pacific	251	312	331	345	353	385	393	423	427	446	467
Dev. Asia and the Pacific	22	30	34	35	37	39	40	43	45	45	47
Middle East											
	546	725	713	773	814	868	879	941	1,026	1,067	1,074
Africa											
	54	63	63	64	65	66	68	69	68	69	71
Americas											
North America	2,114	2,126	2,215	2,231	2,300	2,265	2,337	2,366	2,346	2,239	2,254
Latin America	187	199	198	200	200	207	214	228	236	250	254
World											
	362	386	402	395	390	388	390	402	397	396	400
Developed countries											
	954	1,002	1,063	1,070	1,098	1,105	1,151	1,204	1,198	1,184	1,203
Transition economies											
	1,631	1,873	1,939	1,845	1,715	1,653	1,566	1,581	1,517	1,547	1,557
Developing Countries											
	63	78	80	84	87	92	94	101	106	110	112
International organisations											
EUROPEAN UNION	715	778	855	843	853	876	931	1,027	1,017	1,049	1,066
OECD	937	980	1,035	1,038	1,063	1,069	1,113	1,169	1,162	1,152	1,169
OPEC	291	363	371	390	402	429	443	472	492	490	491

gas

PER-CAPITA CONSUMPTION

Areas
(cubic metres)



gas

PER-CAPITA CONSUMPTION

Countries (cubic metres)												
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Europe	1,164	1,325	1,308	1,262	1,211	1,196	1,189	1,243	1,211	1,237	1,236	
Albania	169	76	43	31	9	9	9	9	6	5	5	
Austria	745	827	847	801	835	873	920	989	952	976	1,011	997
Belgium	917	1,000	1,065	1,106	1,141	1,120	1,236	1,372	1,303	1,434	1,497	1,588
Belorussia			1,229	1,622	1,503	1,296	1,242	1,357	1,514	1,519	1,529	
Bosnia-Herzegovina	57	68					58	58	34	53	52	
Bulgaria	699	775	681	645	571	570	700	715	592	463	389	
Croatia	525	632	523	580	570	536	502	558	581	561	568	
Czech Republic	500	620	605	613	707	681	730	901	907	908	915	887
Denmark	147	424	481	471	526	588	675	790	825	891	925	913
Estonia			871	512	259	375	674	546	552	559	566	
Finland	200	553	581	583	599	661	688	715	685	785	793	808
France	561	580	630	628	635	597	576	624	624	644	648	656
Germany	882	917	1,059	1,030	966	1,054	1,152	1,269	1,219	1,220	1,121	1,127
Greece	9	17	16	15	8	3	3	4	17	83	141	173
Hungary	1,021	1,054	1,075	959	1,024	1,037	1,075	1,278	1,168	1,205	1,236	
Ireland	688	659	664	652	748	760	774	880	910	905	929	1,072
Italy	588	835	882	875	894	860	954	977	1,005	1,080	1,160	1,206
Latvia			1,127	703	502	358	482	437	446	533	539	
Lithuania			1,584	943	512	593	699	701	594	622	623	
Luxembourg	1,011	1,372	1,408	1,447	1,394	1,404	1,507	1,668	1,703	1,666	1,702	1,723
Macedonia	139	175	165	137	143	0	0	0	0	0	0	
Moldova			926	859	757	725	621	878	973	790	792	
Netherlands	3,101	2,877	3,191	3,070	3,143	3,069	3,115	3,421	3,204	3,167	3,085	3,079
Norway	325	575	544	777	973	904	837	768	959	1,119	1,327	1,453
Poland	327	315	280	264	290	286	313	320	339	326	323	358
Portugal	0	0	0	0	0	0	0	0	10	81	227	245
Romania	1,723	1,536	1,298	1,185	1,130	1,060	1,124	1,090	896	819	786	
Russia			3,193	3,050	2,889	2,792	2,664	2,656	2,608	2,689	2,639	
Serbia and Montenegro	243	288	314	194	174	252	232	299	301	276	178	
Slovakia	1,024	1,272	1,204	1,206	1,223	1,186	1,337	1,357	1,326	1,323	1,414	
Slovenia	387	467	400	323	344	349	481	457	462	477	507	396
Spain	61	145	165	165	160	176	217	238	293	303	377	102
Sweden	11	75	79	88	101	98	97	104	105	102	101	408
Switzerland	226	296	329	320	333	346	379	432	415	415	415	223
Turkey	1	62	74	79	87	86	114	131	154	162	191	
Ukraine			2,229	2,159	1,878	1,894	1,657	1,700	1,508	1,539	1,566	1,200
United Kingdom	1,007	987	1,065	1,064	1,151	1,236	1,303	1,529	1,536	1,579	1,663	1,733
Ex USSR	2,037	2,372										

gas

PER-CAPITA CONSUMPTION

Countries (cubic metres)												
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Central Asia			1,456	1,347	1,197	1,093	1,057	1,051	982	1,020	1,191	
Armenia			1,053	451	221	242	388	296	343	395	393	
Azerbaijan			2,307	1,630	1,250	1,178	1,044	831	779	724	770	
Georgia			988	888	678	452	167	233	67	344	351	
Kazakhstan			1,002	973	762	567	379	225	373	364	473	
Kirgyzstan			479	366	276	176	186	184	160	221	218	
Tajikistan			311	292	228	188	163	160	174	139	137	
Turkmenistan			3,586	2,482	2,354	1,942	2,484	3,193	2,090	2,404	3,935	
Uzbekistan			1,842	2,082	2,019	2,007	1,997	1,997	1,927	1,909	2,011	
Middle East	546	725	713	773	814	868	879	941	1,026	1,067	1,074	
Bahrain	10,682	11,133	10,394	11,965	12,328	11,652	11,248	10,968	12,817	12,842	12,683	
Jordan	0	41	34	46	51	69	69	63	65	61	64	
Iran	315	403	412	441	457	533	575	642	737	793	835	
Iraq	55	110	93	118	129	156	153	152	139	131	138	
Israel	11	9	8	6	6	6	4	4	3	3	3	
Kuwait	2,453	2,913	367	1,842	3,710	3,972	3,864	5,851	5,669	5,349	4,044	
Oman	1,432	1,855	1,772	1,749	1,768	1,884	2,159	1,666	2,030	2,914	2,968	
Qatar	15,363	12,963	14,990	23,677	23,276	22,131	21,028	20,821	21,560	21,397	22,444	
Saudi Arabia	1,519	1,930	1,963	2,020	2,065	2,055	2,004	2,130	2,284	2,307	2,288	
Syria	14	241	280	279	278	292	208	203	306	385	381	
United Arab Emirates	7,339	9,170	10,124	9,001	8,807	9,514	10,077	10,722	11,125	11,311	11,368	

gas

PER-CAPITA CONSUMPTION

Countries (cubic metres)												
	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Africa	54	63	63	64	65	66	68	69	68	69	71	
Algeria	730	810	781	787	691	712	747	741	686	711	744	
Angola	15	59	61	58	55	50	52	50	50	49	49	
Congo	0	1	0	1	1	2	1	1	1	1	1	
Côte d'Ivoire	0	0	0	0	0	0	3	38	41	46	64	
Egypt	105	154	169	179	202	210	214	226	224	225	244	
Gabon	86	88	85	80	81	70	91	89	87	85	83	
Libya	940	1,119	1,088	1,054	992	998	962	1,010	1,030	1,005	990	
Morocco	4	2	1	0	0	0	0	0	2	2	2	
Nigeria	44	42	44	46	48	43	47	46	50	49	46	
Senegal	0	0	0	0	3	5	6	7	5	4	4	
South Africa	0	0	0	1	46	54	53	47	46	40	35	
Tunisia	150	185	107	129	173	220	181	233	277	312	303	
Asia and the Pacific	43	54	59	61	63	68	69	74	76	77	81	
Afghanistan	35	11	10	9	8	8	7	10	9	9		
Australia	846	972	953	972	1,013	1,086	1,115	1,077	1,057	1,056	1,071	1,062
Bangladesh	28	44	44	50	53	56	61	62	62	64	71	
Brunei	6,682	10,764	11,081	11,165	10,813	10,930	3,318	2,694	2,991	2,643	2,634	
China	12	13	13	13	13	14	14	15	17	18	19	
Hong Kong	0	0	0	0	0	0	0	35	0	0	0	
India	5	12	15	17	17	18	19	21	21	22	21	
Indonesia	76	100	119	122	128	143	155	159	159	135	132	
Japan	346	418	448	455	457	494	499	538	525	579	596	620
Malaysia	412	554	633	623	675	685	656	775	793	896	948	
Myanmar	25	21	20	20	25	32	36	35	32	37	35	
New Zealand	1,127	1,425	1,549	1,618	1,555	1,407	1,308	1,474	1,537	1,329	1,562	1,649
Pakistan	108	128	131	130	141	141	141	148	144	143	152	
Papua New Guinea	0	21	20	20	19	12	23	30	27			
Singapore	0	0	0	390	522	512	502	493	483	474	465	
South Korea	0	73	82	106	131	176	207	270	323	295	341	384
Taiwan	67	107	137	153	143	199	198	203	236	257	270	
Thailand	66	106	130	136	151	165	175	202	251	263	288	
Vietnam	0	0	0	3	4	3	3	3	3	7	9	

gas

PER-CAPITA CONSUMPTION

Countries

(cubic metres)

	1985	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Americas	965	955	986	990	1,014	1,001	1,031	1,047	1,040	1,005	1,010	
Argentina	528	624	627	669	697	707	776	812	800	847	912	
Barbados	103	115	89	85	102	86	102	102	102	102		
Bolivia	108	113	114	135	120	137	152	138	173	132	221	
Brazil	16	24	23	24	27	27	28	31	34	35	39	
Canada	2,355	2,389	2,423	2,501	2,599	2,681	2,763	2,876	2,850	2,567	2,716	2,750
Chile	119	203	125	132	127	142	134	126	191	218	252	
Colombia	128	128	128	122	125	127	139	123	157	180	178	
Cuba	0	3	3	3	4	4	4	4	68	71	72	
Ecuador	9	10	10	9	9	9	10	10	8	8	8	
Mexico	358	325	329	330	298	304	307	341	345	381	367	387
Peru	69	53	46	41	42	42	39	40	10	19	16	
Trinidad and Tobago	3,346	4,480	4,578	4,383	4,877	5,542	5,897	6,584	7,115	8,032	8,437	
United States	2,119	2,128	2,223	2,234	2,299	2,251	2,323	2,343	2,323	2,234	2,235	2,288
Venezuela	1,011	1,062	1,097	1,058	1,104	1,161	1,154	1,219	1,235	1,206	1,169	

gas FLARED GAS*: A GLOBAL ECOLOGICAL PROBLEM

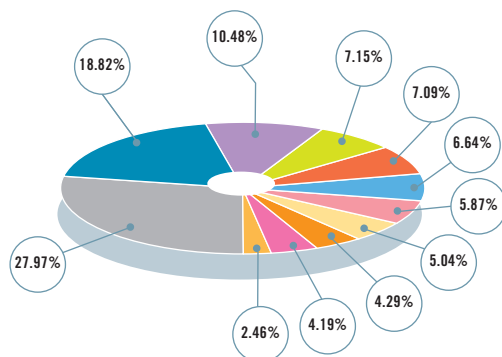
The first ten Countries in 1999

	GROSS PRODUCTION (bn m ³)	MARKETED PRODUCTION (bn m ³)	FLARED GAS (bn m ³)	FLARED GAS/COUNTRY PRODUCTION (%)	FLARED GAS/WORLD FLARED GAS (%)
Nigeria	30.70	6.95	18.85	61.40	18.82
Iran	94.65	52.95	10.50	11.09	10.48
United States	678.27	528.40	7.16	1.06	7.15
Azerbaijan	13.43	6.00	7.10	52.87	7.09
Algeria	152.75	82.00	6.65	4.35	6.64
Mexico	49.52	34.81	5.88	11.87	5.87
Indonesia	86.88	66.40	5.05	5.81	5.04
Angola	7.30	0.56	4.30	58.90	4.29
Venezuela	60.40	30.90	4.20	6.95	4.19
Canada	209.77	180.75	2.46	1.17	2.46
Rest of the World	1,585.37	1,412.62	28.02	1.77	27.97

* "Flared Gas" also includes vented volumes

The first ten Countries by flared Gas: proportions of World totals (percentage)

1999



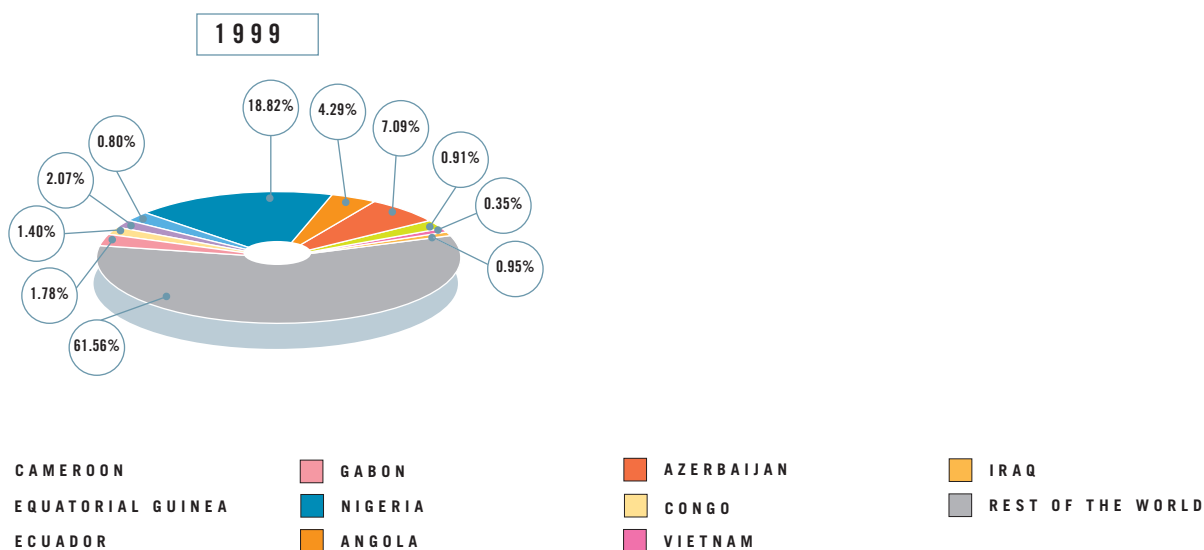
gas FLARED GAS*: A GLOBAL ECOLOGICAL PROBLEM

The first ten Countries by Flared Gas/production ratio in 1999

	GROSS PRODUCTION (bn m ³)	MARKETED PRODUCTION (bn m ³)	FLARED GAS (bn m ³)	FLARED GAS/COUNTRY PRODUCTION (%)	FLARED GAS/ WORLD FLARED GAS (%)
Cameroon	2.07	0.00	2.07	100.00	2.07
Equatorial Guinea	1.15	0.02	0.91	79.13	0.91
Ecuador	1.07	0.10	0.80	74.77	0.80
Gabon	2.58	0.10	1.78	68.99	1.78
Nigeria	30.70	6.95	18.85	61.40	18.82
Angola	7.30	0.56	4.30	58.90	4.29
Azerbaijan	13.43	6.00	7.10	52.87	7.09
Congo	3.80	0.00	1.40	36.84	1.40
Vietnam	1.35	1.00	0.35	25.93	0.35
Iraq	4.38	3.18	0.95	21.69	0.95
Rest of the World	2,901.21	2,384.43	61.66	2.13	61.56

* "Flared gas" also includes vented volumes

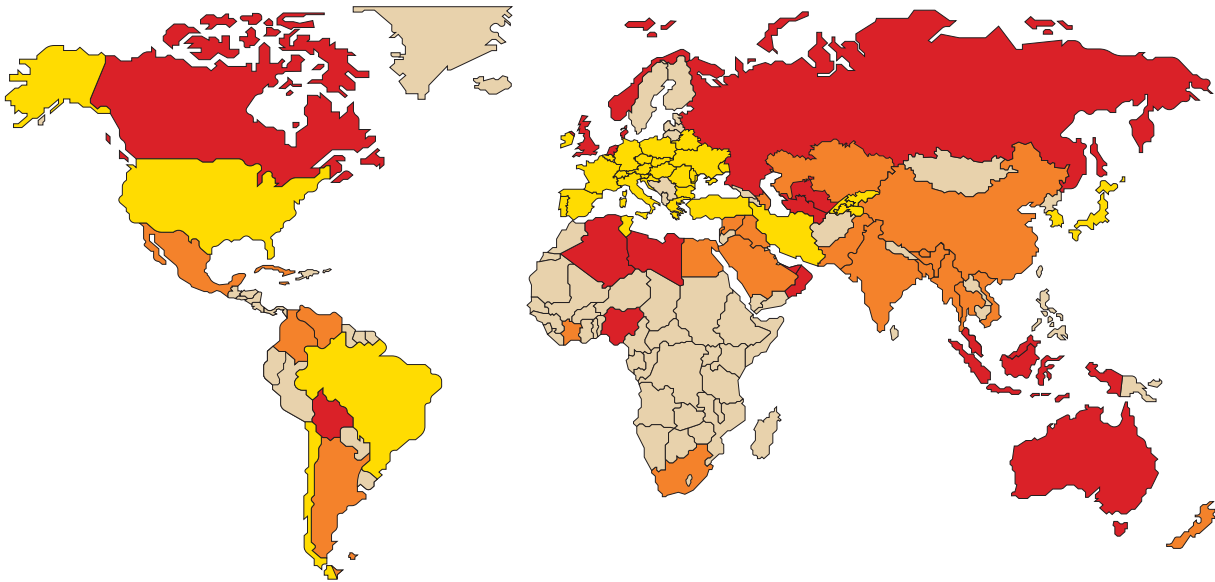
The first ten Countries by flared Gas/production ratio proportions of World totals (percentage)



gas

INTERNATIONAL TRADE

Net exporting, self-sufficient and net importing Countries in 1999 Production/consumption ratios



- Net exporters (Prod/cons > 1.05)
- Net importers (Prod/cons < 0.95)
- Self-sufficient (Prod/cons between 0.95 - 1.05)
- Not significant (Cons. < 0.6 billion cubic metres) or not available

gas

INTERNATIONAL TRADE

Totals by pipeline and LNG 1999

(billion cubic metres)

Exporters	Importers																
	Europe																
	Austria	Belgium	Bulgaria	Croatia	Czech. Republic	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Luxem.	Netherlands	Poland	Portugal	Romania
Europe																	
Denmark							1.80										
France										0.50							
Germany	0.35	0.50								0.90					0.10	0.20	
Netherlands		5.40					5.60	19.80				2.80	0.80				
Norway	0.56	5.64			1.30		13.00	16.18								5.14	
United Kingdom		0.30					0.30	0.65			2.10				2.20		
Russia	5.30		3.20	1.11	7.80	4.20	11.96	34.80	1.50	7.40		19.10			7.30		3.20
Central Asia																	
Turkmenistan																	
Middle East																	
Oman																	
Qatar							0.08					0.04					
United Arab Emirates												0.20					
Africa																	
Algeria		4.04					10.10					26.70				1.90	
Libya																	
Nigeria							0.08					0.50					
Asia and the Pacific																	
Australia																	
Brunei																	
Indonesia																	
Malaysia																	
Americas																	
Argentina																	
Bolivia																	
Canada																	
Mexico																	
Trinidad and Tobago																	
United States																	
TOTAL IMPORTS	6.21	15.88	3.20	1.11	9.10	4.20	41.12	73.23	1.50	8.80	2.10	49.34	0.80	7.34	7.40	1.90	3.40

gas

INTERNATIONAL TRADE

														Middle East		Africa		Asia and the Pacific				Americas					Other	TOTAL EXPORT
Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	United Kingdom	Iran	United Arab Emirates	Tunisia	Japan	Singapore	South Korea	Taiwan	Argentina	Brazil	Canada	Chile	Mexico	United States									
				0.86																				2.66				
					0.35																			0.85				
					1.40																			3.45				
					0.60																			35.00				
		2.30				1.37																		45.49				
																								5.55				
7.40	0.53			0.60	8.80																		1.34	125.54				
																						3.20						
																						0.45						
					0.84					5.90		0.67							0.60				8.13					
					0.31					6.40		0.08							0.08				7.07					
	0.46	9.96				3.10			1.00											2.20			59.46					
		0.96																					0.96					
		0.08				0.08																	0.74					
										9.76										0.31			10.07					
										7.40		1.01											8.41					
										24.80		11.36	2.65										38.81					
										13.37	1.50	4.40	2.70							0.08			22.05					
																		2.00					2.00					
															6.00	0.37							6.37					
																				94.70			94.70					
																				1.56			1.56					
		0.75																		1.30			2.05					
									1.65							0.88		1.81					4.34					
7.40	0.99	15.20	0.86	2.95	11.98	1.37	3.20	0.45	1.00	62.88	1.50	17.44	5.35	6.00	0.37	0.88	2.00	1.81	100.83	1.34			482.43					

gas

INTERNATIONAL TRADE

By pipeline 1999
(billion cubic metres)

Exporters	Importers																
	Europe																
	Austria	Belgium	Bulgaria	Croatia	Czech. Republic	Finland	France	Germany	Greece	Ireland	Italy	Luxem.	Netherlands	Poland	Portugal	Romania	Slovakia
Europe																	
Denmark							1.80										
France																	
Germany	0.35	0.50												0.10		0.20	
Netherlands		5.40					5.60	19.80			2.80	0.80					
Norway	0.56	5.64			1.30		13.00	16.18					5.14				
Russia	5.30		3.20	1.11	7.80	4.20	11.96	34.80	1.50		19.10			7.30		3.20	7.40
United Kingdom		0.30					0.30	2.65		2.10			2.20				
Central Asia																	
Turkmenistan																	
Middle East																	
Oman																	
Africa																	
Algeria											24.60				1.90		
Asia and the Pacific																	
Malaysia																	
Americas																	
Argentina																	
Bolivia																	
Canada																	
Mexico																	
United States																	
TOTAL PIPELINE IMPORTS	6.21	11.84	3.20	1.11	9.10	4.20	30.86	73.23	1.50	2.10	46.50	0.80	7.34	7.40	1.90	3.40	7.40

gas

INTERNATIONAL TRADE

														Middle East	Africa	Asia & Pacific	Americas					Other	TOTAL PIPELINE EXPORT
Slovenia	Spain	Sweden	Switzerland	Turkey	Hungary	United Kingdom	Iran	United Arab Emirates	Tunisia	Singapore	Argentina	Brazil	Canada	Chile	Mexico	United States							
			0.86																2.66				
			0.35		0.50														0.85				
			1.40		0.90														3.45				
			0.60			1.37													35.00				
	2.30																		45.49				
0.53			0.60	8.80	7.40												1.34		125.54				
																			5.55				
								3.20											3.20				
									0.45										0.45				
	0.46	5.74								1.00									33.70				
										1.50									1.50				
															2.00				2.00				
											6.00	0.37							6.37				
																	94.70		94.70				
																	1.56		1.56				
													0.88		1.81				2.69				
0.99	8.04	0.86	2.95	8.80	8.80	1.37	3.20	0.45	1.50	1.00	6.00	0.37	0.88	2.00	1.81	96.26	1.34	364.71					

gas

INTERNATIONAL TRADE

By LNG 1999 (billion cubic metres)

Exporters	Europe					Asia and the Pacific			Americas	TOTAL LNG EXPORT
	Belgium	France	Italy	Spain	Turkey	Japan	South Korea	Taiwan	United States	
Middle East										
Qatar		0.08	0.04	0.84		5.90	0.67		0.57	8.10
United Arab Emirates			0.20	0.31		6.40	0.08		0.08	7.07
Africa										
Algeria	4.13	9.80	2.06	4.17	3.42				2.12	25.70
Libya				0.96						0.96
Nigeria		0.08	0.50	0.08	0.08					0.74
Asia and the Pacific										
Australia						9.76			0.34	10.10
Brunei						7.40	1.01			8.41
Indonesia						24.80	11.36	2.65		38.81
Malaysia						13.37	4.40	2.70	0.08	20.55
Americas										
Trinidad and Tobago				0.75					1.39	2.14
United States						1.79				1.79
TOTAL LNG IMPORTS	4.13	9.96	2.80	7.11	3.50	69.42	17.52	5.35	4.58	124.37

gas

INTERNATIONAL TRADE

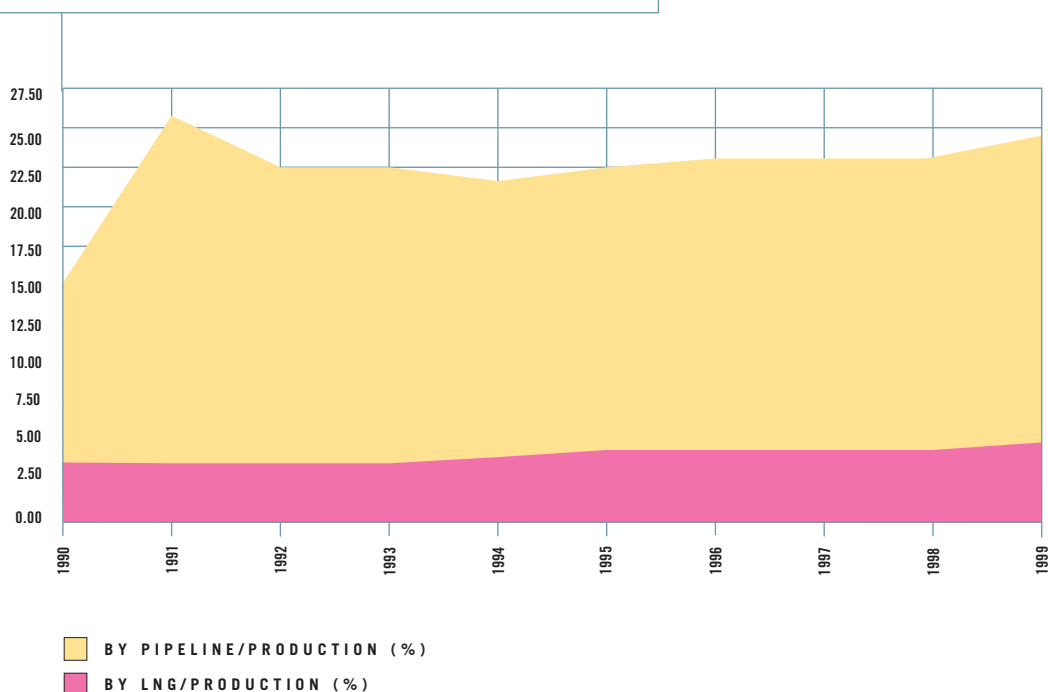
World exports by LNG and pipeline

Year	PRODUCTION (bn m ³)	EXPORTS (bn m ³)	BY LNG (bn m ³)	BY PIPELINE (bn m ³) (*)	EXPORTS/ PRODUCTION (%)	BY LNG/ PRODUCTION (%)	BY PIPELINE/ PRODUCTION (%)
1990	2,067.45	307.54	72.14	235.40	14.88	3.49	11.39
1991	2,120.87	544.94	76.97	467.97	25.69	3.63	22.07
1992	2,121.52	479.93	80.90	399.03	22.62	3.81	18.81
1993	2,160.78	483.96	80.90	400.76	22.40	3.85	18.55
1994	2,181.21	470.32	88.29	382.03	22.51	4.20	18.32
1995	2,210.33	497.66	92.73	404.93	22.51	4.20	18.32
1996	2,312.33	531.83	110.30	431.53	23.00	4.34	18.66
1997	2,357.24	530.35	111.07	419.28	22.91	4.80	18.31
1998	2,357.24	545.88	113.24	432.64	23.16	4.80	18.35
1999	2,416.96	589.44	124.20	465.24	24.39	5.14	19.25

(*) By pipeline = Total exports - LNG exports

World exports as a proportion of Production 1990-1999

(percentage)



N.B. Exports include not only volumes of Natural Gas produced and exported, but also those bought and re-sold to third parties

gas

INTERNATIONAL TRADE

Export flows

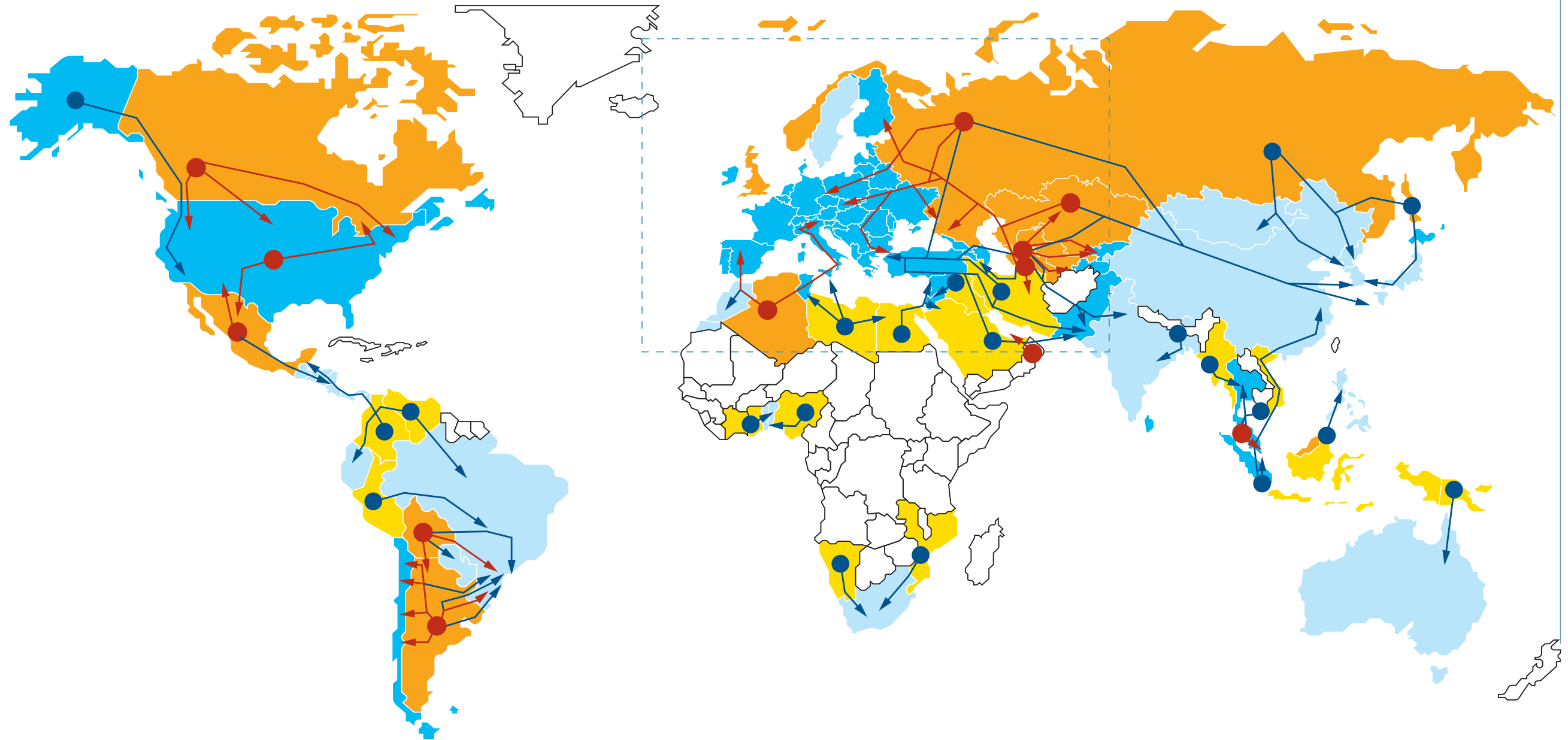
gas

INTERNATIONAL TRADE

gas

INTERNATIONAL TRADE

Export flows by pipeline
Existing, under construction or planned



- Exporters > 1 billion cubic metres
- Importers > 1 billion cubic metres
- Potential export. or export. < 1 billion cubic metres
- Potential import. or import. < 1 billion cubic metres
- Existing flows
- Potential flows

gas

INTERNATIONAL TRADE

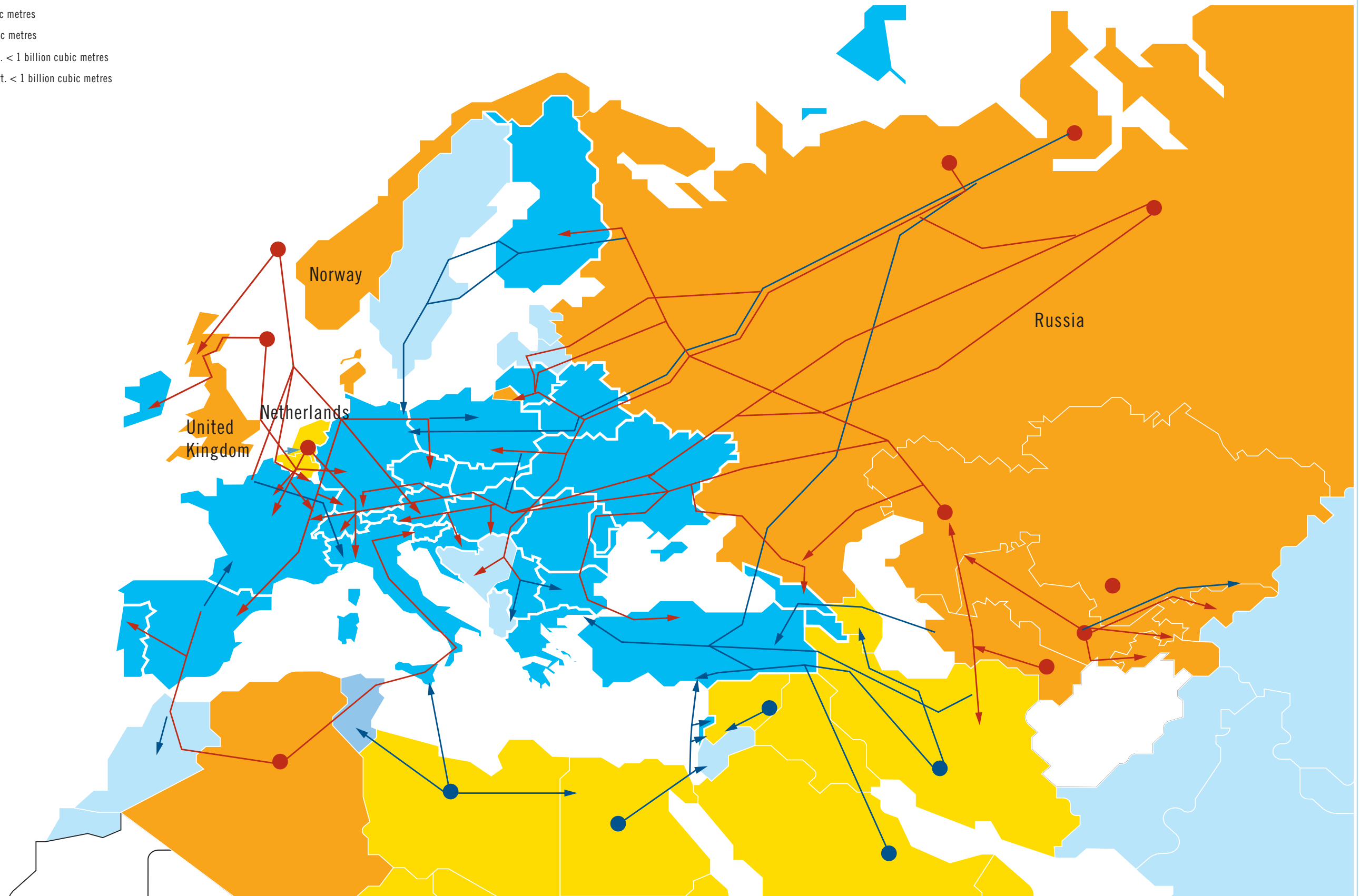
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INTERNATIONAL TRADE

Export flows by pipeline in Europe

Existing, under construction or planned

- Exporters > 1 billion cubic metres
- Importers > 1 billion cubic metres
- Potential export. or export. < 1 billion cubic metres
- Potential import. or import. < 1 billion cubic metres
- Existing flows
- Potential flows



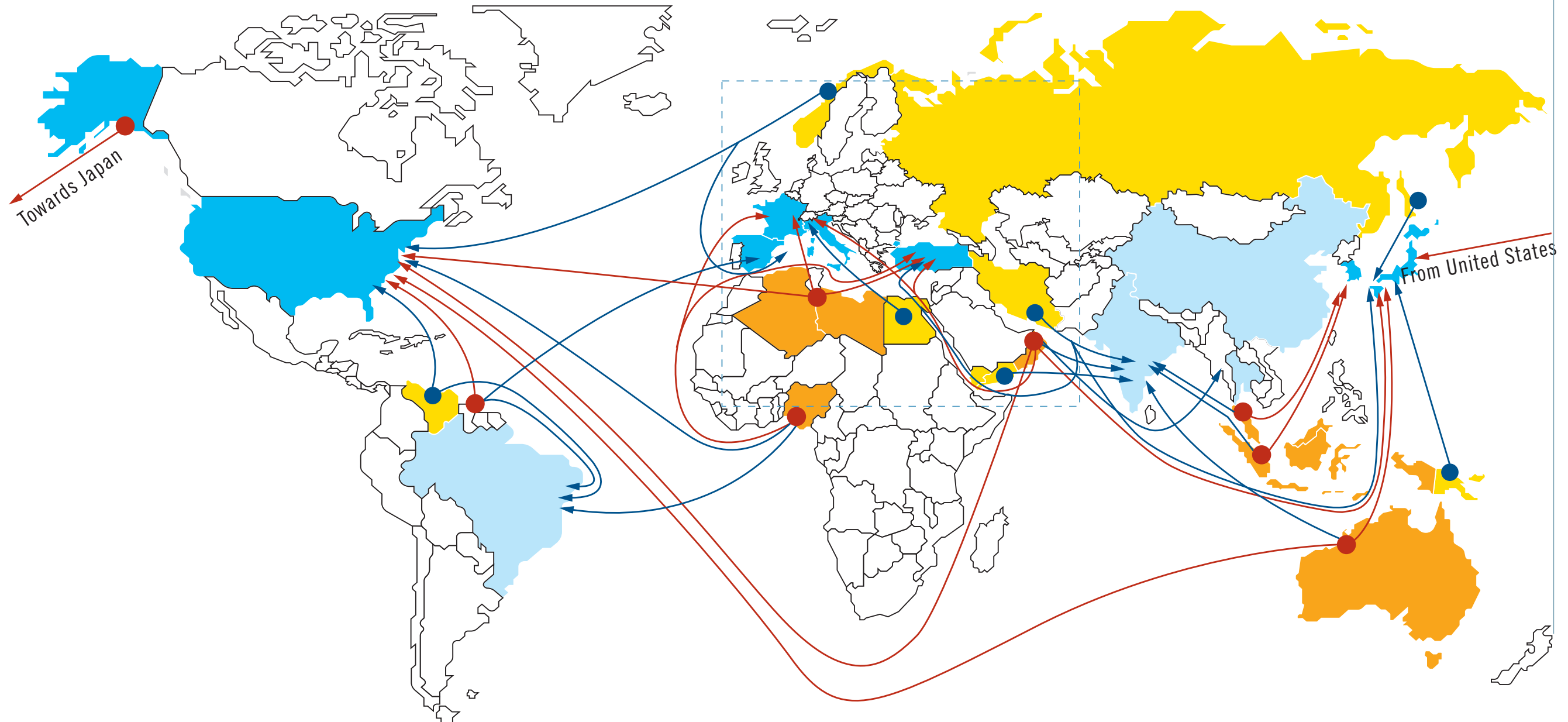
gas

INTERNATIONAL TRADE

gas

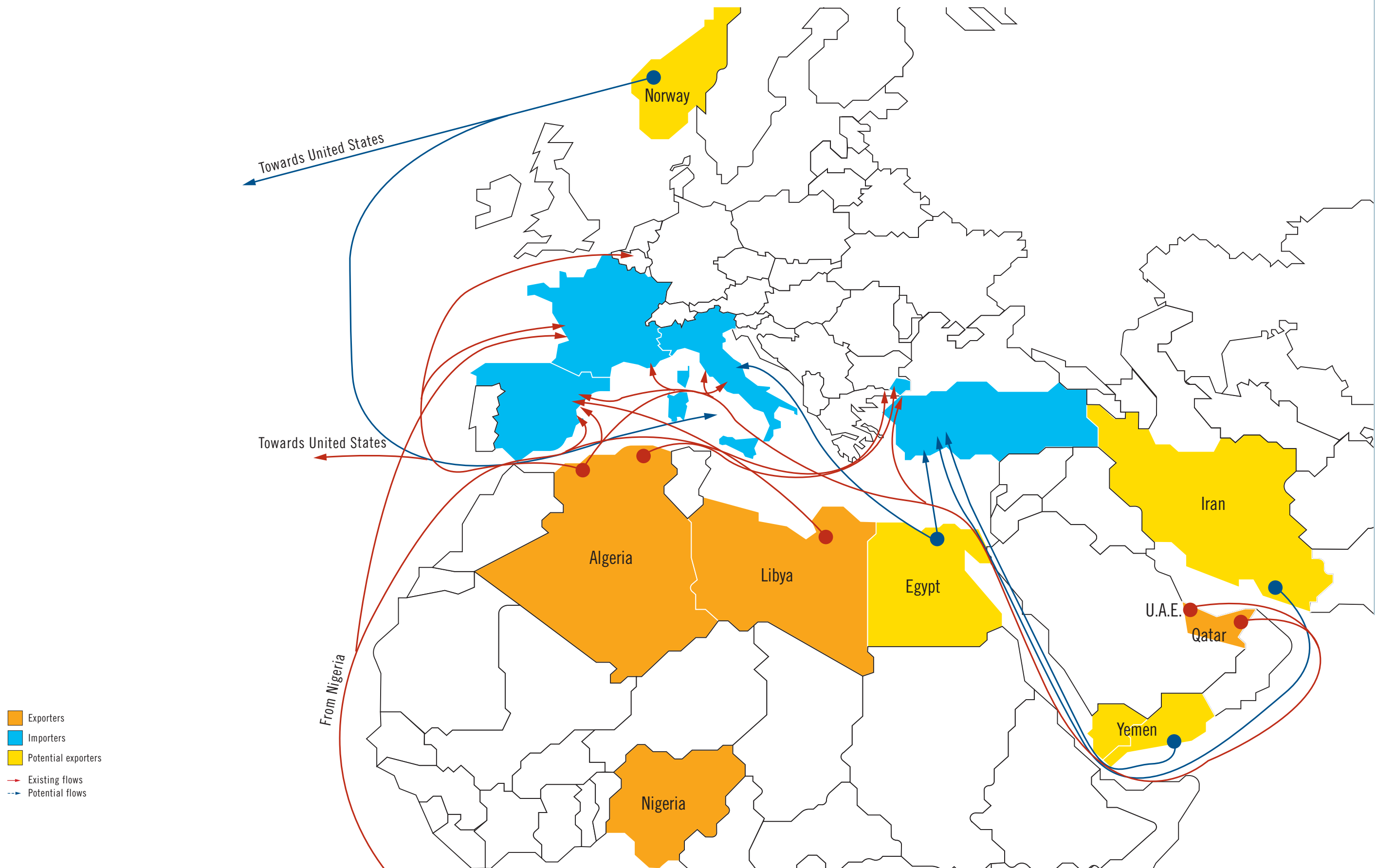
INTERNATIONAL TRADE

Export flows by LNG
Existing, under construction or planned



- Exporters
- Importers
- Potential exporters
- Potential importers
- Existing flows
- Potential flows

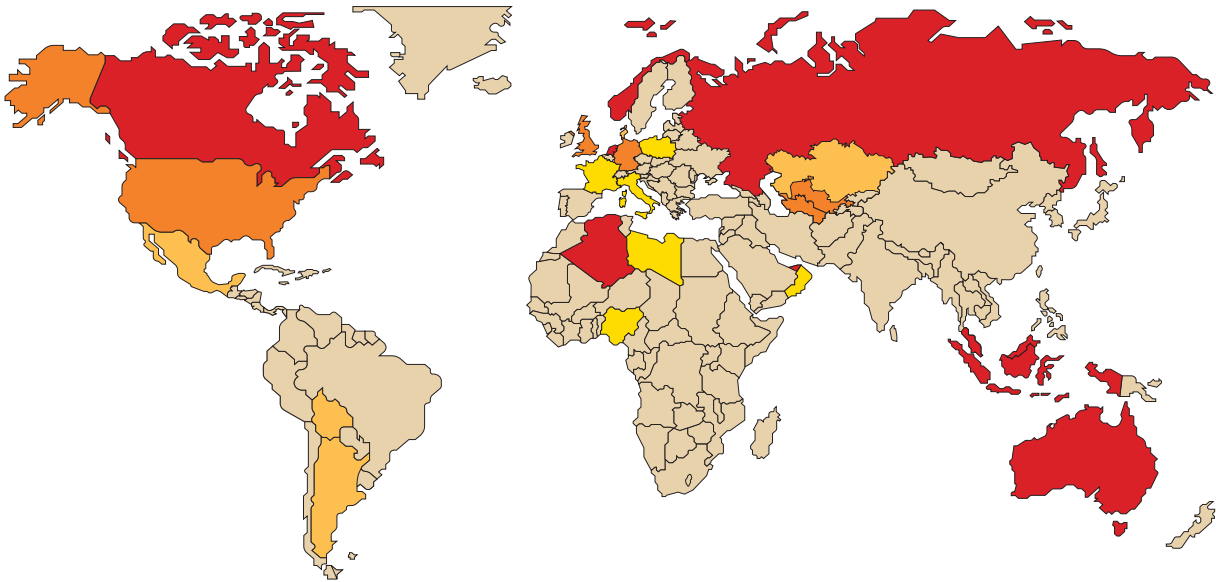
Export flows by LNG in Europe
Existing, under construction or planned



gas EXPORTS

1999

(billion cubic metres)



More than 10.9 (9 Countries)
From 3.1 to 10.0 (7 Countries)

From 1.1 to 3.0 (6 Countries)
From 0.04 to 1.0 (6 Countries)

Not significant or not available

gas EXPORTS

Exports by Country of Destination (billion cubic metres)

Exporter	VIA	DESTINATION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe												
Denmark	Pipeline	Germany	0.42	0.74	0.87	0.76	0.92	0.91	0.94	2.11	1.84	1.84
		Sweden	0.63	0.53	0.72	0.85	0.84	0.82	0.86	0.86	0.86	0.86
		Total pipeline	1.05	1.27	1.59	1.61	1.76	1.73	1.80	2.97	2.70	2.70
		Total Denmark	1.05	1.27	1.59	1.61	1.76	1.73	1.80	2.97	2.70	2.70
France	Pipeline	Hungary								0.30	0.45	0.40
		Switzerland								0.30	0.35	0.40
		Total pipeline								0.60	0.80	0.80
		Total France							0.60	0.80	0.80	
Germany	Pipeline	Austria	0.12	0.10	0.23	0.24	0.25	0.30	0.47	0.30	0.32	0.36
		Belgium						0.69	0.69	0.61	0.54	0.50
		Hungary							0.20	0.60	0.70	0.90
		Poland								0.10	0.10	0.10
		Romania										0.20
		Switzerland	1.00	1.01	1.30	1.28	1.46	1.57	1.59	1.42	1.40	1.40
		Total pipeline	1.12	1.11	1.53	1.52	1.71	2.56	2.95	3.03	3.06	3.46
		Total Germany	1.12	1.11	1.53	1.52	1.71	2.56	2.95	3.03	3.06	3.46
Netherlands	Pipeline	Belgium	3.65	4.65	4.53	4.87	4.95	4.90	5.80	4.90	5.27	5.40
		France	4.54	5.52	6.17	5.00	5.11	4.75	5.70	5.30	5.50	5.60
		Germany	19.55	23.78	25.32	27.41	24.85	23.90	28.34	23.60	21.10	19.73
		Italy	5.95	5.33	5.53	5.40	4.46	3.62	4.50	5.00	3.00	2.87
		Luxembourg	0.60	0.63	0.65	0.68	0.68	0.68	0.73	0.71	0.76	0.80
		Switzerland	0.60	0.74	0.70	0.70	0.70	0.60	0.73	0.60	0.73	0.60
		Total pipeline	34.89	40.65	42.90	44.06	40.75	38.45	45.80	40.11	36.36	35.00
		Total Netherlands	34.89	40.65	42.90	44.06	40.75	38.45	45.80	40.11	36.36	35.00
Norway	Pipeline	Austria				0.09	0.32	0.31	0.38	0.41	0.43	0.52
		Belgium	2.08	2.17	2.66	2.69	2.63	2.77	5.10	4.24	5.09	5.34
		Czech Republic								0.67	0.76	1.30
		France	5.46	5.72	6.00	5.58	6.95	8.20	10.50	10.50	10.25	13.34
		Germany	8.90	8.15	9.03	9.47	9.98	10.29	14.60	17.70	17.85	16.18
		Netherlands	2.27	1.96	2.84	2.67	2.82	3.01	4.31	5.57	4.80	5.14
		Spain				0.12	1.10	1.31	1.42	1.90	2.49	2.30
		United Kingdom	7.28	6.68	5.30	4.21	3.03	1.71	1.71	1.32	0.90	1.37
		Total pipeline	25.99	24.68	25.83	24.83	26.83	27.60	38.02	42.31	42.57	45.49
		Total Norway	25.99	24.68	25.83	24.83	26.83	27.60	38.02	42.31	42.57	45.49

gas EXPORTS

Exports by Country of Destination (billion cubic metres)

Exporter	VIA	DESTINATION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
EUROPE												
Russia	Pipeline	Austria	5.10	5.12	4.90	5.06	5.05	6.13	5.94	5.32	5.50	5.24
		Bosnia							0.26	0.14	0.20	0.20
		Bulgaria	6.80	5.73	5.50	4.80	4.70	5.85	6.04	5.10	3.80	3.35
		Croatia					0.78	0.35	0.88	1.05	1.10	1.11
		Czech Rep.	5.66	6.88	6.05	7.35	7.61	7.52	9.44	8.53	8.60	7.80
		Finland	2.68	2.84	2.95	3.10	3.40	3.60	4.04	3.70	4.20	4.20
		France	10.00	10.86	11.43	10.83	11.64	12.45	11.83	10.40	10.70	12.02
		Germany	29.39	26.71	25.20	26.73	29.69	32.15	32.88	31.28	32.80	34.80
		Greece							0.10	0.16	0.90	1.50
		Hungary	6.14	6.12	5.06	5.30	5.20	6.30	7.74	7.10	7.30	7.40
		Italy	13.87	14.06	13.66	13.68	13.39	13.90	13.74	13.75	16.70	19.10
		Macedonia									0.02	0.04
		Poland	8.41	6.61	6.30	5.90	6.20	7.25	7.14	7.50	7.30	7.30
		Romania	7.30	5.28	4.86	4.60	4.50	6.15	7.14	4.50	3.80	3.20
		Serbia and Montenegro	4.51	4.47	2.22	2.30	1.77	1.55	2.44	2.27	2.00	1.10
		Slovakia	6.83	6.13	6.18	5.95	6.19	7.39	7.20	6.80	6.90	7.40
		Slovenia					0.42	0.53	0.58	0.50	0.50	0.53
		Switzerland	0.25	0.36	0.36	0.30	0.38	0.40	0.45	0.50	0.50	0.60
		Turkey	3.26	4.03	4.44	5.00	4.98	5.75	5.71	6.75	6.75	8.80
				Total pipeline	110.20	105.20	99.10	100.90	105.90	117.27	123.55	115.35
		Total Russia	110.20	105.20	99.10	100.90	105.90	117.27	123.55	115.35	119.57	125.69
United Kingdom	Pipeline	Belgium								0.30	0.65	
		France									0.20	
		Germany				0.27	0.40	0.59	1.10	0.69	0.64	2.65
		Ireland						0.13	0.83	1.50	2.10	
		Netherlands			0.06	0.35	0.47	0.44	0.32	0.32	0.50	2.20
		Total pipeline			0.06	0.62	0.87	1.03	1.55	1.84	2.94	7.80
		Total United Kingdom			0.06	0.62	0.87	1.03	1.55	1.84	2.94	7.80
CENTRAL ASIA												
Turkmenistan	Pipeline	Iran								0.10	1.75	2.00
		Total pipeline								0.10	1.75	2.00
		Total Turkmenistan								0.10	1.75	2.00

gas EXPORTS

Exports by Country of Destination (billion cubic metres)

Exporter	VIA	DESTINATION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
Middle East													
Iran	Pipeline	Russia	1.50	3.01		0.50		0.10	0.10				
	Total Pipeline		1.50	3.01		0.50		0.10	0.10				
	Total Iran		1.50	3.01		0.50		0.10	0.10				
Iraq	Pipeline	Kuwait	2.00										
	Total Pipeline		2.00										
	Total Iraq		2.00										
Oman	Pipeline	United Arab Emirates					0.10	0.50	0.50	0.50	0.45	0.45	
	Total Pipeline						0.10	0.50	0.50	0.50	0.45	0.45	
	Total Oman						0.10	0.50	0.50	0.50	0.45	0.45	
Qatar	LNG	France										0.08	
		Italy										0.04	
		Japan								2.70	3.72	5.90	
		South Korea										0.67	
		Spain									0.49	0.84	
		Turkey								0.16	0.58		
		United States										0.57	
	Total LNG										2.86	4.79	8.10
Total Qatar										2.86	4.79	8.10	
United Arab Emirates	LNG	Belgium						0.58	0.04	0.25			
		Italy									0.10	0.20	
		Japan	3.20	3.45	3.42	3.35	4.25	5.53	5.80	6.31	6.23	6.40	
		South Korea									0.08	0.08	
		Spain						0.41	0.94	1.19	0.62	0.31	
		United States								0.14	0.06	0.14	0.08
	Total LNG		3.20	3.45	3.42	3.35	4.25	6.52	6.92	7.81	7.17	7.07	
	Total United Arab Emirates		3.20	3.45	3.42	3.35	4.25	6.52	6.92	7.81	7.17	7.07	

gas EXPORTS

Exports by Country of Destination

(billion cubic metres)

Exporter	VIA	DESTINATION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
Africa														
Algeria	LNG	Belgium	3.90	4.03	4.57	4.30	3.98	3.80	3.97	4.30	4.29	4.13		
		France	9.31	9.16	9.21	9.00	8.04	7.58	7.30	9.25	9.78	9.80		
		Italy	0.03	0.14	0.59	0.29	0.21	0.05		1.90	1.90	2.06		
		Japan	0.09											
		Spain	3.20	3.88	3.94	4.34	4.13	4.90	4.80	3.87	3.91	4.17		
		Turkey					0.29	0.98	2.38	3.00	3.05	3.42		
		United Kingdom	0.05											
		United States	2.47	1.93	1.22	2.32	1.44	0.60	1.00	1.87	1.95	2.12		
		Total LNG			19.05	19.14	19.53	20.25	18.09	17.91	19.45	24.19	24.88	25.70
		Algeria	Pipeline	Italy	11.08	14.10	14.75	13.65	11.53	17.44	19.08	18.50	20.90	24.64
Portugal										0.50	0.80	1.90		
Serbia and Montenegro						0.15	0.28							
Slovenia							0.39	0.44	0.32	0.41	0.44	0.46		
Spain									0.60	4.23	4.35	6.00		
Tunisia	1.20			0.65	0.70	1.13	1.60	1.30	1.10	0.91	1.04	1.10		
Total Pipeline					12.28	14.75	15.60	15.06	13.52	19.18	21.10	24.55	27.53	34.10
Totale Algeria					31.33	33.89	35.13	35.31	31.61	37.09	40.55	48.74	52.41	59.80
Libya	LNG			Spain	1.24	1.58	1.84	1.60	1.48	1.49	1.20	1.12	0.91	0.96
				Total LNG	1.24	1.58	1.84	1.60	1.48	1.49	1.20	1.12	0.91	0.96
		Totale Libia	1.24	1.58	1.84	1.60	1.48	1.49	1.20	1.12	0.91	0.96		
Nigeria	LNG	France										0.08		
		Italy											0.50	
		Spain											0.08	
		Turkey											0.08	
		Total LNG											0.74	
Total Nigeria											0.74			

gas EXPORTS

Exports by Country of Destination (billion cubic metres)

Exporter	VIA	DESTINATION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Asia and the Pacific												
Australia	LNG	Japan	3.94	5.21	6.19	6.58	8.08	9.22	9.68	9.26	9.70	9.76
		South Korea				0.07		0.08	0.08			
		Spain					0.60	0.29	0.04			
		Turkey						0.23	0.07			
		United States					0.36			0.28	0.34	0.34
		Total LNG		3.94	5.21	6.19	6.65	9.04	9.82	9.87	9.54	10.04
	Total Australia		3.94	5.21	6.19	6.65	9.04	9.82	9.87	9.54	10.04	10.1
Brunei	LNG	Japan	7.21	7.00	7.13	7.47	7.36	7.43	7.48	7.28	7.33	7.40
		South Korea				0.07	0.36	0.95	0.95	1.02	0.80	1.01
		Total LNG	7.21	7.00	7.13	7.54	7.72	8.38	8.43	8.30	8.13	8.41
		Total Brunei	7.21	7.00	7.13	7.54	7.72	8.38	8.43	8.30	8.13	8.41
China	Pipeline	Hong Kong							0.22			
		Total Pipeline							0.22			
		Total China							0.22			
Indonesia	LNG	Japan	23.49	24.18	24.96	24.13	24.94	23.59	24.79	23.90	24.19	24.80
		South Korea	3.08	3.55	4.43	5.48	7.15	7.10	8.45	9.25	9.52	11.36
		Taiwan	0.96	1.98	2.24	2.32	3.06	2.62	2.04	2.13	2.35	2.65
		Total LNG	27.53	29.71	31.63	31.93	35.15	33.31	35.28	35.28	36.06	38.81
		Total Indonesia	27.53	29.71	31.63	31.93	35.15	33.31	35.28	35.28	36.06	38.81
Malaysia	LNG	Japan	8.61	9.47	9.61	10.09	10.60	11.55	12.44	12.54	13.18	13.37
		South Korea		0.08	0.15	0.38	0.39	1.40	3.47	5.44	3.91	4.40
		Taiwan						0.70	1.49	2.23	2.30	2.70
		United States										0.08
		Total LNG	8.61	9.55	9.76	10.47	10.99	13.65	17.40	20.21	19.39	20.55
	Pipeline	Singapore				1.50	1.50	1.50	1.50	1.50	1.50	1.50
		Total Pipeline				1.50	1.50	1.50	1.50	1.50	1.50	1.50
		Total Malaysia	8.61	9.55	9.76	11.97	12.49	15.15	18.90	21.71	20.89	22.05

gas EXPORTS

Exports by Country of Destination

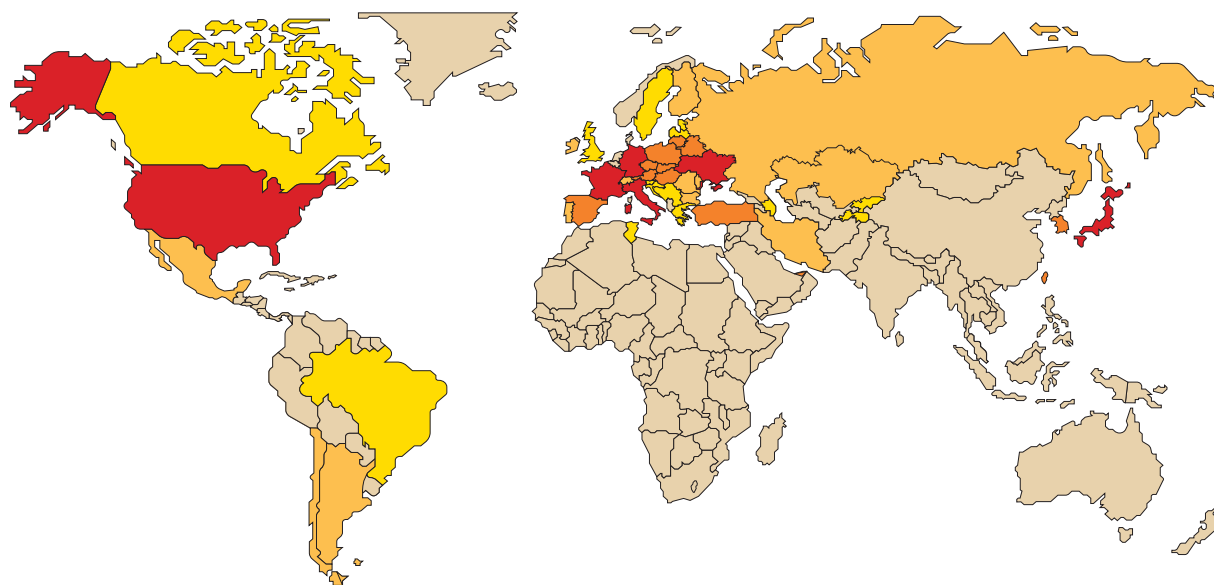
(billion cubic metres)

Exporter	VIA	DESTINATION	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
AMERICAS												
Argentina	Pipeline	Chile								0.67	1.24	2.03
	Total Pipeline									0.67	1.24	2.03
	Total Argentina										0.67	1.24
Bolivia	Pipeline	Argentina	2.20	2.22	2.20	2.07	1.98	1.98	2.04	1.83	2.16	1.20
		Brazil										0.37
	Total Pipeline		2.20	2.22	2.20	2.07	1.98	1.98	2.04	1.83	2.16	1.57
Total Bolivia		2.20	2.22	2.20	2.07	1.98	1.98	2.04	1.83	2.16	1.57	
Canada	Pipeline	United States	40.69	47.69	57.90	63.02	71.40	79.15	80.10	83.40	87.30	94.70
	Total Pipeline		40.69	47.69	57.90	63.02	71.40	79.15	80.10	83.40	87.30	94.70
	Total Canada		40.69	47.69	57.90	63.02	71.40	79.15	80.10	83.40	87.30	94.70
Mexico	Pipeline	United States				0.06	0.20	0.20	0.40	0.48	0.42	1.56
	Total Pipeline					0.06	0.20	0.20	0.40	0.48	0.42	1.56
	Total Mexico					0.06	0.20	0.20	0.40	0.48	0.42	1.56
Trinidad and Tobago	LNG	Spain										0.75
		United States										1.39
	Total LNG											2.14
	Trinidad and Tobago											2.14
United States	LNG	Japan	1.36	1.33	1.40	1.41	1.57	1.65	1.75	1.76	1.87	1.79
	Total LNG		1.36	1.33	1.40	1.41	1.57	1.65	1.75	1.76	1.87	1.79
	Pipeline	Canada	0.64	0.32	1.66	0.81	1.04	0.67	1.29	1.59	1.27	1.19
		Mexico	0.44	1.69	2.72	1.13	1.33	1.73	0.96	1.08	1.53	1.73
	Total Pipeline		1.08	2.01	4.38	1.94	2.37	2.40	2.25	2.67	2.80	2.92
Total United States		2.44	3.34	5.78	3.35	3.94	4.05	4.00	4.43	4.67	4.71	

gas IMPORTS

1999

(billion cubic metres)



- More than 20.0 (6 Countries)
- From 5.1 to 20.0 (13 Countries)
- From 1.6 to 5.0 (15 Countries)
- From 0.05 to 1.5 (17 Countries)
- Not significant or not available

gas IMPORTS

Imports by Country of Origin

(billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
Europe														
Austria	Pipeline	Germany	0.12	0.10	0.23	0.24	0.25	0.30	0.47	0.30	0.32	0.36		
		Norway				0.09	0.32	0.31	0.38	0.41	0.43	0.52		
		Russia	5.10	5.12	4.90	5.06	5.05	6.13	5.94	5.32	5.50	5.24		
	Total Pipeline			5.22	5.22	5.13	5.39	5.62	6.74	6.79	6.03	6.25	6.12	
	Total Austria			5.22	5.22	5.13	5.39	5.62	6.74	6.79	6.03	6.25	6.12	
Belgium	LNG	Algeria	3.90	4.03	4.57	4.30	3.98	3.80	3.97	4.30	4.29	4.13		
		United Arab Emirates					0.58	0.04	0.25					
	Total LNG			3.90	4.03	4.57	4.30	3.98	4.38	4.01	4.55	4.29	4.13	
	Pipeline	Germany						0.69	0.69	0.61	0.54	0.50		
		Netherlands	3.65	4.65	4.53	4.87	4.95	4.90	5.80	4.90	5.27	5.40		
		Norway	2.08	2.17	2.66	2.69	2.63	2.77	5.10	4.24	5.09	5.34		
		United Kingdom									0.30	0.65		
Total Pipeline			5.73	6.82	7.19	7.56	7.58	8.36	11.59	9.75	11.20	11.89		
Total Belgium			9.63	10.85	11.76	11.86	11.56	12.74	15.60	14.30	15.49	16.02		
Bosnia	Pipeline	Russia							0.26	0.14	0.20	0.20		
		Total Pipeline							0.26	0.14	0.20	0.20		
		Total Bosnia							0.26	0.14	0.20	0.20		
Bulgaria	Pipeline	Russia	6.80	5.73	5.50	4.80	4.70	5.85	6.04	5.10	3.80	3.35		
		Total Pipeline			6.80	5.73	5.50	4.80	4.70	5.85	6.04	5.10	3.80	3.35
		Total Bulgaria			6.80	5.73	5.50	4.80	4.70	5.85	6.04	5.10	3.80	3.35
Croatia	Pipeline	Russia					0.78	0.35	0.88	1.05	1.10	1.11		
		Total Pipeline					0.78	0.35	0.88	1.05	1.10	1.11		
		Total Croatia					0.78	0.35	0.88	1.05	1.10	1.11		
Czech Republic	Pipeline	Norvegia								0.67	0.76	1.30		
		Russia	5.66	6.88	6.05	7.35	7.61	7.52	9.44	8.53	8.60	7.80		
	Total Pipeline			5.66	6.88	6.05	7.35	7.61	7.52	9.44	9.20	9.36	9.10	
	Total Czech Republic			5.66	6.88	6.05	7.35	7.61	7.52	9.44	9.20	9.36	9.10	
Finland	Pipeline	Russia	2.68	2.84	2.95	3.10	3.40	3.60	4.04	3.70	4.20	4.20		
		Total Pipeline			2.68	2.84	2.95	3.10	3.40	3.60	4.04	3.70	4.20	4.20
		Total Finland			2.68	2.84	2.95	3.10	3.40	3.60	4.04	3.70	4.20	4.20

gas IMPORTS

Imports by Country of Origin (billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
Europe													
France	LNG	Algeria	9.31	9.16	9.21	9.00	8.04	7.58	7.30	9.25	9.78	9.80	
		Nigeria											0.08
		Qatar											0.08
		United Arab Emirates											
		Total LNG		9.31	9.16	9.21	9.00	8.04	7.58	7.30	9.25	9.78	9.96
	Pipeline	Netherlands	4.54	5.52	6.17	5.00	5.11	4.75	5.70	5.30	5.50	5.60	
		Norway	5.46	5.72	6.00	5.58	6.95	8.20	10.50	10.50	10.25	13.34	
		Russia	10.00	10.86	11.43	10.83	11.64	12.45	11.83	10.40	10.70	12.02	
		United Kingdom											0.20
		Total Pipeline		20.00	22.10	23.60	21.41	23.70	25.40	28.03	26.20	26.45	31.16
Totale France		29.31	31.26	32.81	30.41	31.74	32.98	35.33	35.45	36.23	41.12		
Germany	Pipeline	Denmark	0.42	0.74	0.87	0.76	0.92	0.91	0.94	2.11	1.84	1.84	
		Netherlands	19.55	23.78	25.32	27.41	24.85	23.90	28.34	23.60	21.10	19.73	
		Norway	8.90	8.15	9.03	9.47	9.98	10.29	14.60	17.70	17.85	16.18	
		Russia	29.39	26.71	25.20	26.73	29.69	32.15	32.88	31.28	32.80	34.80	
		United Kingdom				0.27	0.40	0.59	1.10	0.69	0.64	2.65	
	Total Pipeline		58.26	59.38	60.42	64.64	65.84	67.84	77.86	75.38	74.23	75.20	
Totale Germany		58.26	59.38	60.42	64.64	65.84	67.84	77.86	75.38	74.23	75.20		
Greece	Pipeline	Russia							0.10	0.16	0.90	1.50	
		Total Pipeline							0.10	0.16	0.90	1.50	
		Totale Greece							0.10	0.16	0.90	1.50	
Hungary	Pipeline	France								0.30	0.45	0.40	
		Germany							0.20	0.60	0.70	0.90	
		Russia	6.14	6.12	5.06	5.30	5.20	6.30	7.74	7.10	7.30	7.40	
	Total Pipeline		6.14	6.12	5.06	5.30	5.20	6.30	7.94	8.00	8.45	8.70	
	Total Hungary		6.14	6.12	5.06	5.30	5.20	6.30	7.94	8.00	8.45	8.70	
Ireland	Pipeline	United Kingdom							0.13	0.83	1.50	2.10	
		Total Pipeline							0.13	0.83	1.50	2.10	
		Totale Ireland							0.13	0.83	1.50	2.10	

gas IMPORTS

Imports by Country of Origin

(billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
Europe													
Italy	LNG	Algeria	0.03	0.14	0.59	0.29	0.21	0.05		1.90	1.90	2.06	
		Nigeria											0.50
		Qatar											0.04
		United Arab Emirates										0.10	0.20
		Total LNG		0.03	0.14	0.59	0.29	0.21	0.05		1.90	2.00	2.80
	Pipeline	Algeria	11.08	14.10	14.75	13.65	11.53	17.44	19.08	18.50	20.90	24.64	
		Netherlands	5.95	5.33	5.53	5.40	4.46	3.62	4.50	5.00	3.00	2.87	
		Russia	13.87	14.06	13.66	13.68	13.39	13.90	13.74	13.75	16.70	19.10	
		Total Pipeline	30.90	33.49	33.94	32.73	29.38	34.96	37.32	37.25	40.60	46.61	
		Total Italy	30.93	33.63	34.53	33.02	29.59	35.01	37.32	39.15	42.60	49.41	
Luxembourg	Pipeline	Netherlands	0.60	0.63	0.65	0.68	0.68	0.68	0.73	0.71	0.76	0.80	
		Total Pipeline	0.60	0.63	0.65	0.68	0.68	0.68	0.73	0.71	0.76	0.80	
		Total Luxembourg	0.60	0.63	0.65	0.68	0.68	0.68	0.73	0.71	0.76	0.80	
Macedonia	Pipeline	Russia									0.02	0.04	
		Total Pipeline										0.02	0.04
		Total Macedonia										0.02	0.04
Netherlands	Pipeline	Norway	2.27	1.96	2.84	2.67	2.82	3.01	4.31	5.57	4.80	5.14	
		United Kingdom			0.06	0.35	0.47	0.44	0.32	0.32	0.50	2.20	
	Total Pipeline	2.27	1.96	2.90	3.02	3.29	3.45	4.63	5.89	5.30	7.34		
	Total Netherlands	2.27	1.96	2.90	3.02	3.29	3.45	4.63	5.89	5.30	7.34		
Poland	Pipeline	Germany								0.10	0.10	0.10	
		Russia	8.41	6.61	6.30	5.90	6.20	7.25	7.14	7.50	7.30	7.30	
	Total Pipeline	8.41	6.61	6.30	5.90	6.20	7.25	7.14	7.60	7.40	7.40		
	Total Poland	8.41	6.61	6.30	5.90	6.20	7.25	7.14	7.60	7.40	7.40		
Portugal	Pipeline	Algeria								0.50	0.80	1.90	
		Total Pipeline									0.50	0.80	1.90
		Total Portugal									0.50	0.80	1.90

gas IMPORTS

Imports by Country of Origin (billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe												
Romania	Pipeline Germany											0.20
		Russia	7.30	5.28	4.86	4.60	4.50	6.15	7.14	4.50	3.80	3.20
	Total Pipeline		7.30	5.28	4.86	4.60	4.50	6.15	7.14	4.50	3.80	3.40
	Total Romania		7.30	5.28	4.86	4.60	4.50	6.15	7.14	4.50	3.80	3.40
Russia	Pipeline Iran		1.50	3.01		0.50		0.10	0.10			
	Total Pipeline		1.50	3.01		0.50		0.10	0.10			
	Total Russia		1.50	3.01		0.50		0.10	0.10			
Serbia and Montenegro	Pipeline Algeria				0.15	0.28						
		Russia	4.51	4.47	2.22	2.30	1.77	1.55	2.44	2.27	2.00	1.10
	Total Pipeline		4.51	4.47	2.37	2.58	1.77	1.55	2.44	2.27	2.00	1.10
	Total Serbia and Montenegro		4.51	4.47	2.37	2.58	1.77	1.55	2.44	2.27	2.00	1.10
Slovakia	Pipeline Russia		6.83	6.13	6.18	5.95	6.19	7.39	7.20	6.80	6.90	7.40
	Total Pipeline		6.83	6.13	6.18	5.95	6.19	7.39	7.20	6.80	6.90	7.40
	Total Slovakia		6.83	6.13	6.18	5.95	6.19	7.39	7.20	6.80	6.90	7.40
Slovenia	Pipeline Algeria						0.39	0.44	0.32	0.41	0.44	0.46
		Russia					0.42	0.53	0.58	0.50	0.50	0.53
	Total Pipeline						0.81	0.97	0.90	0.91	0.94	0.99
	Total Slovenia						0.81	0.97	0.90	0.91	0.94	0.99
Spain	LNG											
		Algeria	3.20	3.88	3.94	4.34	4.13	4.90	4.80	3.87	3.91	4.17
		Australia					0.60	0.29	0.04			
		Libya	1.24	1.58	1.84	1.60	1.48	1.49	1.20	1.12	0.91	0.96
		Nigeria										0.08
		Qatar									0.49	0.84
		Trinidad and Tobago										0.75
		United Arab Emirates						0.41	0.94	1.19	0.62	0.31
	Total LNG		4.44	5.46	5.78	5.94	6.21	7.09	6.98	6.18	5.93	7.11
	Pipeline											
	Algeria							0.60	4.23	4.35	6.00	
	Norway				0.12	1.10	1.31	1.42	1.90	2.49	2.30	
Total Pipeline					0.12	1.10	1.31	2.02	6.13	6.84	8.30	
Total Spain		4.44	5.46	5.78	6.06	7.31	8.40	9.00	12.31	12.77	15.41	

gas IMPORTS

Imports by Country of Origin

(billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Europe												
Sweden	Pipeline	Denmark	0.63	0.53	0.72	0.85	0.84	0.82	0.86	0.86	0.86	0.86
	Total Pipeline		0.63	0.53	0.72	0.85	0.84	0.82	0.86	0.86	0.86	0.86
	Total Sweden		0.63	0.53	0.72	0.85	0.84	0.82	0.86	0.86	0.86	0.86
Switzerland	Pipeline	France								0.30	0.35	0.40
		Germany	1.00	1.01	1.30	1.28	1.46	1.57	1.59	1.42	1.40	1.40
		Netherlands	0.60	0.74	0.70	0.70	0.70	0.60	0.73	0.60	0.73	0.60
		Russia	0.25	0.36	0.36	0.30	0.38	0.40	0.45	0.50	0.50	0.60
	Total Pipeline		1.85	2.11	2.36	2.28	2.54	2.57	2.77	2.82	2.98	3.00
	Total Switzerland		1.85	2.11	2.36	2.28	2.54	2.57	2.77	2.82	2.98	3.00
Turkey	LNG	Algeria					0.29	0.98	2.38	3.00	3.05	3.42
		Australia						0.23	0.07			
		Nigeria										0.08
		Qatar								0.16	0.58	
	Total LNG						0.29	1.21	2.45	3.16	3.63	3.50
	Pipeline	Russia	3.26	4.03	4.44	5.00	4.98	5.75	5.71	6.75	6.75	8.80
Total Pipeline		3.26	4.03	4.44	5.00	4.98	5.75	5.71	6.75	6.75	8.80	
Total Turkey		3.26	4.03	4.44	5.00	5.27	6.96	8.16	9.91	10.38	12.30	
United Kingdom	LNG	Algeria	0.05									
	Total LNG		0.05									
	Pipeline	Norway	7.28	6.68	5.30	4.21	3.03	1.71	1.71	1.32	0.90	1.37
Total Pipeline		7.28	6.68	5.30	4.21	3.03	1.71	1.71	1.32	0.90	1.37	
Total United Kingdom		7.33	6.68	5.30	4.21	3.03	1.71	1.71	1.32	0.90	1.37	

gas IMPORTS

Imports by Country of Origin (billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Middle East												
Iran	Pipeline	Turkmenistan								0.10	1.75	2.00
	Total Pipeline									0.10	1.75	2.00
	Total Iran										0.10	1.75
Kuwait	Pipeline	Iraq	2.00									
	Total Pipeline		2.00									
	Total Kuwait		2.00									
United Arab Emirates	Pipeline	Oman					0.10	0.50	0.50	0.50	0.45	0.45
	Total Pipeline						0.10	0.50	0.50	0.50	0.45	0.45
	Total United Arab Emirates						0.10	0.50	0.50	0.50	0.45	0.45
Africa												
Tunisia	Pipeline	Algeria	1.20	0.65	0.70	1.13	1.60	1.30	1.10	0.91	1.04	1.10
	Total Pipeline		1.20	0.65	0.70	1.13	1.60	1.30	1.10	0.91	1.04	1.10
	Total Tunisia		1.20	0.65	0.70	1.13	1.60	1.30	1.10	0.91	1.04	1.10

gas IMPORTS

Imports by Country of Origin

(billions of cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Asia and the Pacific												
Hong Kong	Pipeline	China							0.22			
	Total Pipeline								0.22			
	Total Hong Kong								0.22			
Japan	LNG	Algeria	0.09									
		Australia	3.94	5.21	6.19	6.58	8.08	9.22	9.68	9.26	9.70	9.76
		Brunei	7.21	7.00	7.13	7.47	7.36	7.43	7.48	7.28	7.33	7.40
		Indonesia	23.49	24.18	24.96	24.13	24.94	23.59	24.79	23.90	24.19	24.80
		Malaysia	8.61	9.47	9.61	10.09	10.60	11.55	12.44	12.54	13.18	13.37
		Qatar								2.70	3.72	5.90
		United Arab Emirates	3.20	3.45	3.42	3.35	4.25	5.53	5.80	6.31	6.23	6.40
		United States	1.36	1.33	1.40	1.41	1.57	1.65	1.75	1.76	1.87	1.79
	Total LNG		47.90	50.64	52.71	53.03	56.80	58.97	61.94	63.75	66.22	69.42
	Total Japan		47.90	50.64	52.71	53.03	56.80	58.97	61.94	63.75	66.22	69.42
Singapore	Pipeline	Malaysia				1.50	1.50	1.50	1.50	1.50	1.50	1.50
	Total Pipeline					1.50	1.50	1.50	1.50	1.50	1.50	1.50
	Total Singapore					1.50	1.50	1.50	1.50	1.50	1.50	1.50
South Korea	LNG	Australia				0.07		0.08	0.08			
		Brunei				0.07	0.36	0.95	0.95	1.02	0.80	1.01
		Indonesia	3.08	3.55	4.43	5.48	7.15	7.10	8.45	9.25	9.52	11.36
		Malaysia		0.08	0.15	0.38	0.39	1.40	3.47	5.44	3.91	4.40
		Qatar										0.67
		United Arab Emirates									0.08	0.08
	Total LNG		3.08	3.63	4.58	6.00	7.90	9.53	12.95	15.71	14.31	17.52
	Total South Korea		3.08	3.63	4.58	6.00	7.90	9.53	12.95	15.71	14.31	17.52
Taiwan	LNG	Indonesia	0.96	1.98	2.24	2.32	3.06	2.62	2.04	2.13	2.35	2.65
		Malaysia						0.70	1.49	2.23	2.30	2.70
	Total LNG		0.96	1.98	2.24	2.32	3.06	3.32	3.53	4.36	4.65	5.35
	Total Taiwan		0.96	1.98	2.24	2.32	3.06	3.32	3.53	4.36	4.65	5.35

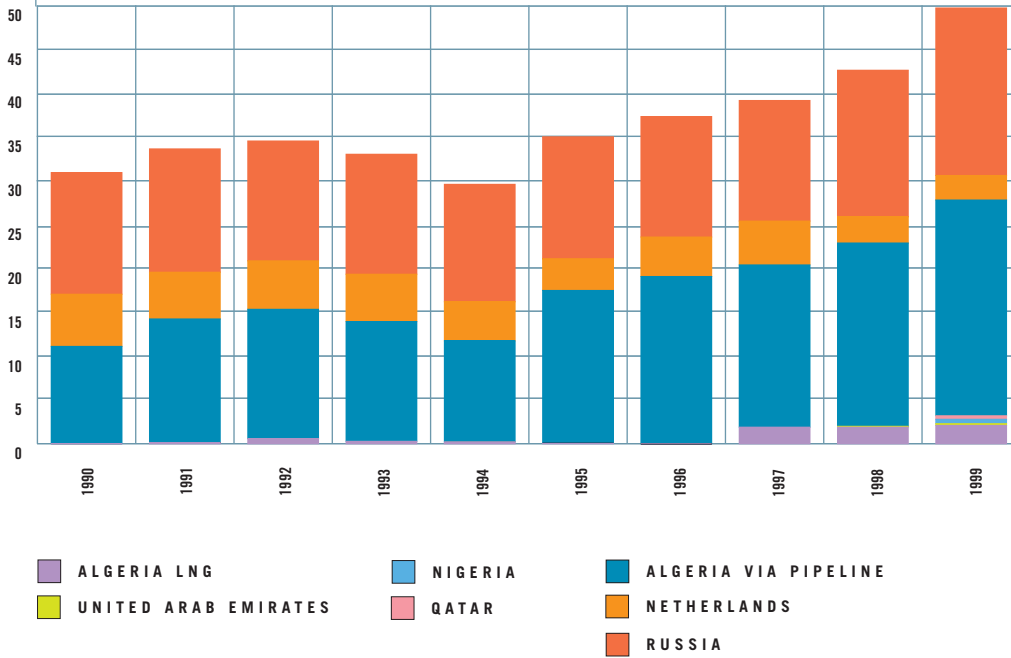
gas IMPORTS

Imports by Country of Origin (billion cubic metres)

Importer	VIA	SOURCE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Americas												
Argentina	Pipeline	Bolivia	2.20	2.22	2.20	2.07	1.98	1.98	2.04	1.83	2.16	1.20
	Total Pipeline		2.20	2.22	2.20	2.07	1.98	1.98	2.04	1.83	2.16	1.20
	Total Argentina		2.20	2.22	2.20	2.07	1.98	1.98	2.04	1.83	2.16	1.20
Brazil	Pipeline	Bolivia										0.37
	Total Pipeline											0.37
	Total Brazil											0.37
Canada	Pipeline	United States	0.64	0.32	1.66	0.81	1.04	0.67	1.29	1.59	1.27	1.19
	Total Pipeline		0.64	0.32	1.66	0.81	1.04	0.67	1.29	1.59	1.27	1.19
	Total Canada		0.64	0.32	1.66	0.81	1.04	0.67	1.29	1.59	1.27	1.19
Chile	Pipeline	Argentina								0.67	1.24	2.03
	Total Pipeline									0.67	1.24	2.03
	Total Chile									0.67	1.24	2.03
Mexico	Pipeline	United States	0.44	1.69	2.72	1.13	1.33	1.73	0.96	1.08	1.53	1.73
	Total Pipeline		0.44	1.69	2.72	1.13	1.33	1.73	0.96	1.08	1.53	1.73
	Total Mexico		0.44	1.69	2.72	1.13	1.33	1.73	0.96	1.08	1.53	1.73
United States	LNG	Algeria	2.47	1.93	1.22	2.32	1.44	0.60	1.00	1.87	1.95	2.12
		Australia					0.36			0.28	0.34	0.34
		Malaysia										0.08
		Qatar										0.57
		Trinidad and Tobago										1.39
		United Arab Emirates							0.14	0.06	0.14	0.08
	Total LNG		2.47	1.93	1.22	2.32	1.80	0.60	1.14	2.21	2.43	4.58
	Pipeline	Canada	40.69	47.69	57.90	63.02	71.40	79.15	80.10	83.40	87.30	94.70
		Mexico				0.06	0.20	0.20	0.40	0.48	0.42	1.56
	Total Pipeline		40.69	47.69	57.90	63.08	71.60	79.35	80.50	83.88	87.72	96.26
Total United States		43.16	49.62	59.12	65.40	73.40	79.95	81.64	86.09	90.15	100.84	

gas IMPORTS

Italian Imports in the last ten years
(billion cubic metres)



gas

INTERNATIONAL PRICES

CIF prices by import Country/Area *

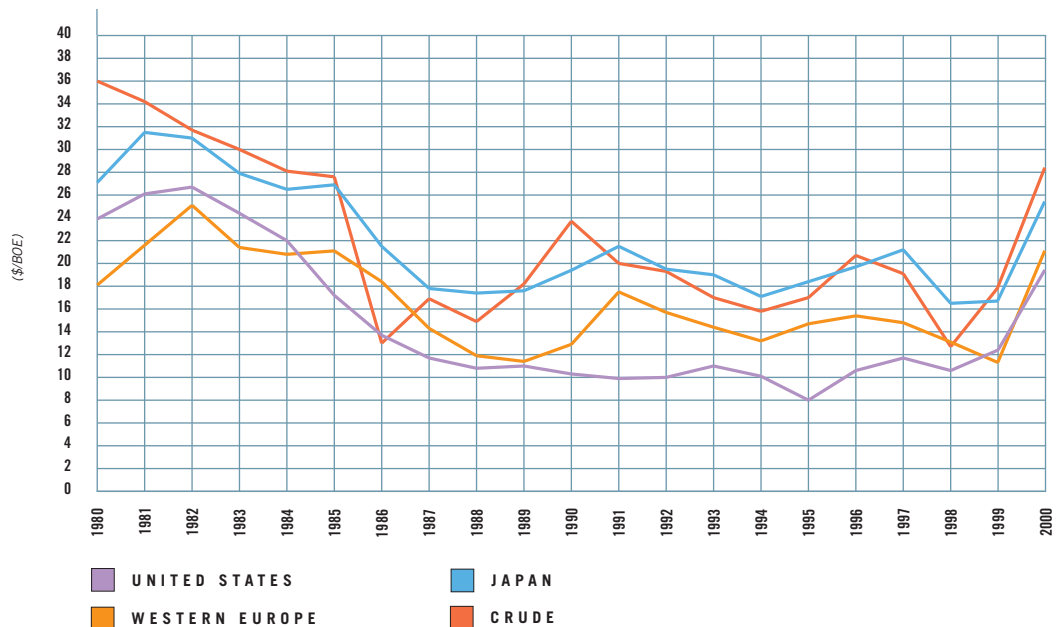
Year	PRICES IN \$/mBtu			PRICES IN \$/BOE****			CRUDE \$/barrel
	U.S. **	W. EUROPE ***	JAPAN	U.S. **	W. EUROPE ***	JAPAN	
1980	4.4	3.0 - 3.7	5.0	23.9	16.2 - 20.0	27.1	36.0
1981	4.8	3.3 - 4.7	5.8	26.1	17.8 - 25.4	31.5	34.2
1982	4.9	4.1 - 5.2	5.7	26.7	22.1 - 28.1	31.0	31.7
1983	4.5	3.5 - 4.4	5.2	24.4	18.9 - 23.8	27.9	30.0
1984	4.1	3.5 - 4.2	4.9	22.0	18.9 - 22.7	26.5	28.1
1985	3.2	3.4 - 4.4	5.0	17.2	18.4 - 23.8	26.9	27.6
1986	2.5	3.2 - 3.6	4.0	13.7	17.3 - 19.4	21.5	13.0
1987	2.2	2.5 - 2.8	3.3	11.7	13.5 - 15.1	17.8	16.9
1988	2.0	1.9 - 2.5	3.2	10.8	10.3 - 13.5	17.4	14.9
1989	2.0	1.7 - 2.5	3.3	11.0	9.2 - 13.5	17.6	18.2
1990	1.9	2.4	3.6	10.3	12.9	19.4	23.7
1991	1.8	3.2	4.0	9.9	17.5	21.5	20.0
1992	1.9	2.9	3.6	10.0	15.7	19.5	19.3
1993	2.0	2.7	3.5	11.0	14.4	19.0	17.0
1994	1.9	2.5	3.2	10.1	13.2	17.1	15.8
1995	1.5	2.7	3.4	8.0	14.7	18.4	17.0
1996	2.0	2.9	3.7	10.6	15.4	19.7	20.7
1997	2.2	2.7	3.9	11.7	14.8	21.2	19.1
1998	2.0	2.4	3.1	10.6	13.1	16.5	12.7
1999	2.3	2.1	3.1	12.4	11.3	16.7	17.9
2000	3.6	3.9	4.7	19.4	21.1	25.4	28.4

* Prices before re-gasification for LNG. Figures based on annual averages

** Prices at border

*** Annual average prices up to 1989

**** BOE = barrels of oil equivalent



- Data sources: Eni, Enerdata, International Energy Agency, Cedigaz, Oil & Gas Journal, Platt's.
- Measurement units adopted are:
 - oil - thousands of barrels/day (for reserves millions of barrels)
 - natural gas - billion cubic metres/year (for reserves billions of cubic metres)
 - population - millions.
- Data concerning "Reserves" refer to 1 January of each year. The figures in other chapters indicate annual averages.
- Empty cells in charts indicate data not available, 0 indicates not significant data.
- In all chapters, except "Production", the data concerning the former Soviet Union are available starting from 1991. For 1985 and 1990, the figures used are aggregates for the ex USSR. The first available year for each of the components of the former Yugoslavia and ex Czechoslovakia is 1991. In the section concerning natural gas the figures for the ex USSR and ex Yugoslavia have been estimated where official figures are missing.
- In the chapter "**Production**" of natural gas, figures relate to marketed production.
- In the chapters "**Reserves/Production ratios**" and "**Production/Consumption ratios**" the list of countries has been made by selecting the biggest producers in the most recent year for which figures are available and listing them according to the value of the ratios Reserves/Production and Production/Consumption. In the "**Per-capita consumption**" chapter, the list has been made by selecting the biggest consumers in the most recent year for which figures are available and listing per value of per-capita consumption.
- In the map "**Production/Consumption**", countries with ratios between 0.95 and 1.05 are considered self-sufficient. Values of less than 0.95 indicate net importers and values of more than 1.05 net exporters.



Società per Azioni

Headquarters:

Piazzale Enrico Mattei 1, Rome, Italy

Capital Stock: 8,002,127,653,000 lire

Registered in Rome n. 6866/92UIC

Branches:

Via Emilia 1, San Donato Milanese (MI), Italy

Strada Provinciale 82, Gela (CL), Italy

Web site:

<http://www.eni.it>

Produced by:

Eni S.p.A.

Strategic Studies, Public Affairs and International Relations

Economic Research

Editorial co-ordination:

EniComunicazione S.p.A. - Rome

Design:

Angelini Design - Rome

Layout and pre-press:

ATON - Immagine e Comunicazione S.r.l. - Rome

Printing:

Baioni Stampa S.r.l. - Rome

Printed of recycled paper:

Symbol Matt

June 2001



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