



Oil - Supply and Demand

RESERVES

Areas and Aggregates

The World Top 10 Reserves Holders

Countries

PRODUCTION

Areas and Aggregates

The World Top 10 Producers

Countries

The World Top 10 Natural Gas Liquids Producers

RESERVES/PRODUCTION RATIO

Areas and Aggregates

The World Top 10 Producers Ranked by Reserves/Production Ratio

Countries

CONSUMPTION

Areas and Aggregates

The World Top 10 Consumers

Countries

PER CAPITA CONSUMPTION

Areas and Aggregates

The World Top 10 Consumers Ranked by Per Capita Consumption Ratio

Countries

PRODUCTION/CONSUMPTION RATIO

Areas and Aggregates

The World Top 10 Producers Ranked by Production/Consumption Ratio

Countries

Reserves

Areas and Aggregates^(*)

(million barrels as at 31st December)

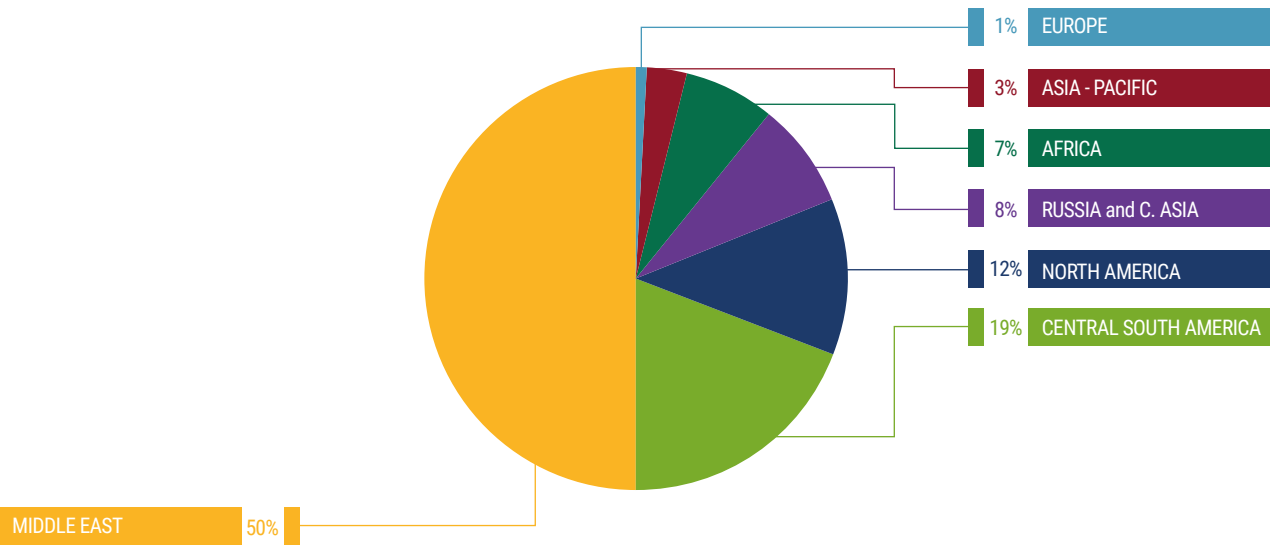
	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Europe	14,565	15,265	14,415	14,849	15,747	15,496	14,873	14,143	13,555	-4.2%	-0.6%
Russia and Central Asia	144,121	140,704	144,608	144,913	145,541	146,130	146,133	146,133	146,133	0.0%	0.1%
Middle East	793,956	802,907	807,784	804,688	803,248	863,503	865,516	869,609	879,470	1.1%	0.9%
Africa	125,244	126,833	127,106	125,882	125,042	123,534	122,885	118,206	116,706	-1.3%	-0.6%
Asia - Pacific	47,668	46,915	46,764	47,028	47,018	47,014	46,247	45,157	45,267	0.2%	-0.4%
Americas	539,335	546,594	544,591	551,641	556,705	554,933	544,293	536,299	545,287	1.7%	0.1%
- North America	200,029	206,742	205,741	213,782	217,785	216,232	206,300	199,232	206,408	3.6%	0.3%
- Central South America	339,306	339,851	338,849	337,860	338,920	338,701	337,993	337,068	338,879	0.5%	0.0%
World	1,664,887	1,679,218	1,685,268	1,689,001	1,693,300	1,750,609	1,739,946	1,729,546	1,746,418	1.0%	0.4%
European Union 27	3,314	2,958	2,790	2,770	2,761	2,760	2,723	2,854	2,634	-7.7%	-1.9%
MENA	858,179	867,370	872,157	869,002	867,434	927,638	929,651	933,744	943,605	1.1%	0.8%
OECD	232,503	234,646	231,540	238,751	243,096	241,458	231,234	222,857	229,622	3.0%	-0.1%
NON OECD	1,432,385	1,444,572	1,453,728	1,450,250	1,450,203	1,509,151	1,508,712	1,506,689	1,516,796	0.7%	0.5%
OPEC	1,165,844	1,180,767	1,187,345	1,183,674	1,182,528	1,241,281	1,242,377	1,241,819	1,250,087	0.7%	0.6%
NON OPEC	499,043	498,451	497,923	505,327	510,772	509,328	497,569	487,727	496,331	1.8%	0.0%

^(*) Data source: Eni's estimates on Enerdata *Global Energy Market & CO₂ Data* and other official data sources.

Reserves

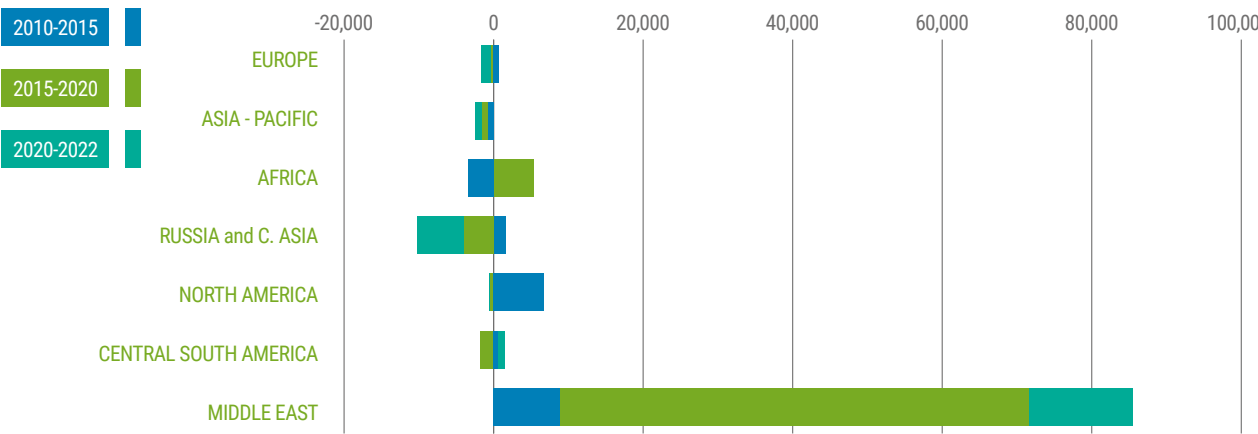
World Oil Reserves (2022)

1,746,417.948 million barrels as at 31st December



World Oil Reserves Growth (2010-2022)

81,530 million barrels as at 31st December



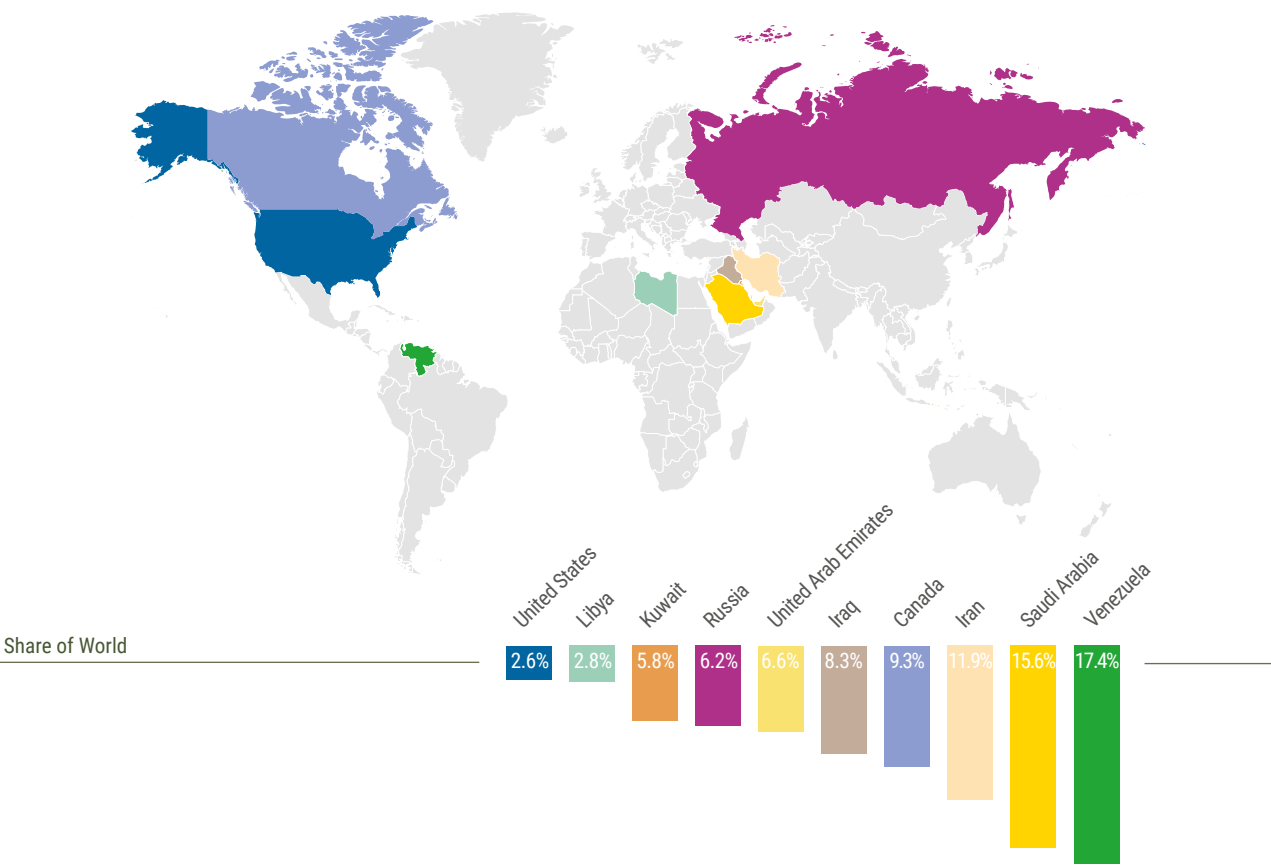
Reserves

The World Top 10 Reserves Holders^(*)

(million barrels as at 31st December)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Venezuela	296,501	300,878	302,250	302,809	303,806	303,806	303,561	303,468	303,375	0.0%	0.2%
Saudi Arabia	264,516	266,455	266,208	266,260	267,026	267,073	267,082	267,192	272,904	2.1%	0.3%
Iran	151,170	158,400	157,200	155,600	155,600	208,600	208,600	208,600	208,600	0.0%	2.7%
Canada	174,848	171,512	170,528	171,792	170,732	169,125	168,088	165,916	161,678	-2.6%	-0.7%
Iraq	143,100	142,503	148,766	147,223	145,019	145,019	145,019	145,019	145,019	0.0%	0.1%
United Arab Emirates	97,800	97,800	97,800	97,800	97,800	105,000	107,000	111,000	115,150	3.7%	1.4%
Russia	105,800	102,375	106,283	106,592	107,221	107,804	107,804	107,804	107,804	0.0%	0.2%
Kuwait	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	0.0%	0.0%
Libya	47,097	48,363	48,363	48,363	48,363	48,363	48,363	48,363	48,363	0.0%	0.2%
United States	25,181	35,230	35,213	41,990	47,053	47,107	38,212	33,315	44,730	34.3%	4.9%
The World Top 10	1,407,513	1,425,017	1,434,111	1,439,928	1,444,120	1,503,397	1,495,229	1,492,178	1,509,123	1.1%	0.6%
Rest of the World	257,374	254,202	251,157	249,073	249,180	247,211	244,717	237,368	237,295	0.0%	-0.7%
World	1,664,887	1,679,218	1,685,268	1,689,001	1,693,300	1,750,609	1,739,946	1,729,546	1,746,418	1.0%	0.4%

The World Top 10 (2022)



^(*) Data source: Eni's estimates on Enerdata *Global Energy Market & CO₂ Data* and other official data sources.

Reserves

Countries^(*)

(million barrels as at 31st December)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Europe	14,565	15,265	14,415	14,849	15,747	15,496	14,873	14,143	13,555	-4.2%	-0.6%
Albania	289	309	301	292	289	301	307	307	307	0.0%	0.5%
Austria	73	78	76	73	73	76	77	75	69	-7.6%	-0.4%
Belarus	287	308	299	291	287	299	306	306	306	0.0%	0.5%
Bulgaria	22	23	23	22	22	23	23	23	23	0.0%	0.5%
Croatia	106	113	110	107	106	110	113	113	113	0.0%	0.5%
Czech Republic	22	23	23	22	22	23	23	23	23	0.0%	0.5%
Denmark	899	491	440	428	440	428	428	415	329	-20.6%	-8.0%
France	147	157	153	148	146	153	156	326	210	-35.8%	3.0%
Germany	301	249	235	205	213	205	132	150	138	-8.2%	-6.3%
Greece	15	16	15	15	15	15	15	15	15	0.0%	0.5%
Hungary	39	42	41	40	39	41	42	46	43	-6.0%	0.8%
Italy (**)	559	595	521	571	554	532	547	582	581	-0.1%	0.3%
Lithuania	17	19	18	18	17	18	19	19	19	0.0%	0.5%
Netherlands	145	155	151	147	145	151	154	82	73	-10.7%	-5.6%
Norway	6,804	8,005	7,601	7,918	8,645	8,523	7,902	7,534	7,367	-2.2%	0.7%
Poland	139	149	145	141	139	145	148	140	152	8.5%	0.7%
Romania	600	600	600	600	600	600	600	600	600	0.0%	0.0%
Serbia	113	121	118	114	113	118	120	120	120	0.0%	0.5%
Slovakia	13	14	14	13	13	14	14	14	14	0.0%	0.5%
Spain	218	233	227	220	218	227	232	232	232	0.0%	0.5%
Türkiye	380	407	396	384	380	396	405	410	410	0.0%	0.6%
Ukraine	573	614	597	580	573	597	610	610	610	0.0%	0.5%
United Kingdom	2,805	2,542	2,313	2,500	2,700	2,500	2,500	2,000	1,800	-10.0%	-3.6%

^(*) Data source: Eni's estimates on Enerdata *Global Energy Market & CO₂ Data* and other official data sources.

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

Reserves

Countries^(*)

(million barrels as at 31st December)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Russia and Central Asia	144.121	140.704	144.608	144.913	145.541	146.130	146.133	146.133	146.133	0.0%	0.1%
Russia	105.800	102.375	106.283	106.592	107.221	107.804	107.804	107.804	107.804	0.0%	0.2%
Azerbaijan	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	0.0%	0.0%
Georgia	51	54	53	51	51	53	54	54	54	0.0%	0.5%
Kazakhstan	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	0.0%	0.0%
Kyrgyzstan	58	62	60	59	58	61	62	62	62	0.0%	0.5%
Tajikistan	17	19	18	18	17	18	19	19	19	0.0%	0.5%
Turkmenistan	600	600	600	600	600	600	600	600	600	0.0%	0.0%
Uzbekistan	594	594	594	594	594	594	594	594	594	0.0%	0.0%
	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Middle East	793,956	802,907	807,784	804,688	803,248	863,503	865,516	869,609	879,470	1.1%	0.9%
Bahrain	181	194	189	183	181	189	193	176	176	0.0%	-0.3%
Iran	151,170	158,400	157,200	155,600	155,600	208,600	208,600	208,600	208,600	0.0%	2.7%
Iraq	143,100	142,503	148,766	147,223	145,019	145,019	145,019	145,019	145,019	0.0%	0.1%
Israel	3	3	3	3	3	3	3	3	3	0.0%	0.5%
Jordan	1	2	2	1	1	2	2	2	2	0.0%	0.5%
Kuwait	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	0.0%	0.0%
Oman	5,500	5,306	5,373	5,373	5,373	5,373	5,373	5,373	5,373	0.0%	-0.2%
Qatar	24,684	25,244	25,244	25,244	25,244	25,244	25,244	25,244	25,244	0.0%	0.2%
Saudi Arabia	264,516	266,455	266,208	266,260	267,026	267,073	267,082	267,192	272,904	2.1%	0.3%
Syria	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	0.0%	0.0%
United Arab Emirates	97,800	97,800	97,800	97,800	97,800	105,000	107,000	111,000	115,150	3.7%	1.4%
Yemen	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0.0%	0.0%

^(*) Data source: Eni's estimates on Enerdata *Global Energy Market & CO₂ Data* and other official data sources.

Reserves

Countries^(*)

(million barrels as at 31st December)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Africa	125,244	126,833	127,106	125,882	125,042	123,534	122,885	118,206	116,706	-1.3%	-0.6%
Algeria	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	0.0%	0.0%
Angola	9,055	9,524	9,523	8,384	8,160	7,783	7,231	2,516	875	-65.2%	-17.7%
Benin	8	12	11	12	12	12	12	12	12	0.0%	3.7%
Cameroon	290	311	302	293	290	303	309	309	309	0.0%	0.5%
Chad	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	0.0%	0.0%
Congo	2,000	2,982	2,982	2,982	2,982	1,947	1,811	1,811	1,811	0.0%	-0.8%
Côte d'Ivoire	145	155	151	147	145	151	154	154	154	0.0%	0.5%
Dem. Rep. Congo	261	280	272	264	261	272	278	175	175	0.0%	-3.3%
Egypt	4,500	3,473	3,384	3,325	3,197	3,146	3,146	3,146	3,146	0.0%	-2.9%
Equatorial Guinea	1,705	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	0.0%	-3.6%
Gabon	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0.0%	0.0%
Ghana	677	660	660	660	660	660	660	660	660	0.0%	-0.2%
Libya	47,097	48,363	48,363	48,363	48,363	48,363	48,363	48,363	48,363	0.0%	0.2%
Mauritania	145	155	151	147	145	151	154	154	154	0.0%	0.5%
Morocco	1	2	2	1	1	2	2	2	2	0.0%	0.5%
Mozambique	15	15	15	15	15	15	15	15	15	0.0%	0.2%
Niger	0	147	147	145	147	147	147	147	147	0.0%	
Nigeria	37,200	37,062	37,453	37,453	36,972	36,890	36,910	37,050	37,191	0.4%	0.0%
Sierra Leone	0	440	440	440	440	440	440	440	440	0.0%	
South Africa	22	23	23	22	22	23	23	23	23	0.0%	0.5%
South Sudan		3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	0.0%	
Sudan	5,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	0.0%	-9.5%
Tunisia	425	425	425	425	425	425	425	425	425	0.0%	0.0%
Uganda	997	1,004	1,004	1,004	1,004	1,004	1,004	1,004	1,004	0.0%	0.1%

^(*) Data source: Eni's estimates on Enerdata *Global Energy Market & CO₂ Data* and other official data sources.

Reserves

Countries^(*)

(million barrels as at 31st December)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Asia - Pacific	47,668	46,915	46,764	47,028	47,018	47,014	46,247	45,157	45,267	0.2%	-0.4%
Afghanistan	0	0	0	88	88	88	88	88	88	0.0%	
Australia	3,831	2,390	2,390	2,390	2,390	2,390	2,390	1,762	1,762	0.0%	-6.3%
Bangladesh	41	44	42	41	41	42	43	43	43	0.0%	0.5%
Brunei	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	0.0%	0.0%
China	23,268	25,626	25,664	25,948	26,190	25,963	25,963	26,430	26,941	1.9%	1.2%
India	5,833	4,790	4,680	4,550	4,480	4,660	4,540	3,618	3,522	-2.7%	-4.1%
Indonesia	3,990	3,230	3,230	3,310	3,170	3,150	2,480	2,440	2,250	-7.8%	-4.7%
Japan	64	68	66	65	64	67	68	68	68	0.0%	0.5%
Malaysia	3,739	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	0.0%	-0.3%
Mongolia	15	257	257	257	257	315	315	315	315	0.0%	29.1%
Myanmar	73	78	76	73	73	76	77	77	77	0.0%	0.5%
New Zealand	87	93	91	88	87	91	93	94	96	2.4%	0.9%
Pakistan	454	487	473	459	454	473	483	483	483	0.0%	0.5%
Papua New Guinea	128	137	133	129	128	133	136	122	122	0.0%	-0.4%
Philippines	202	216	210	204	202	210	215	215	215	0.0%	0.5%
Taiwan	3	3	3	3	3	3	3	3	3	0.0%	0.5%
Thailand	442	396	349	323	293	253	253	298	181	-39.2%	-7.2%
Vietnam	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	0.0%	0.0%

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Americas	539,335	546,594	544,591	551,641	556,705	554,933	544,293	536,299	545,287	1,7%	0,1%
Argentina	2,524	2,395	2,162	2,017	2,387	2,483	2,483	2,411	2,838	17.7%	1.0%
Barbados	3	3	3	3	3	3	3	3	3	-2.8%	0.2%
Belize	10	11	11	10	10	11	11	11	11	0.0%	0.5%
Bolivia	675	723	702	682	674	703	718	718	718	0.0%	0.5%
Brazil	13,987	13,034	12,666	12,835	13,239	12,713	11,925	11,152	12,420	11.4%	-1.0%
Canada	174,848	171,512	170,528	171,792	170,732	169,125	168,088	165,916	161,678	-2.6%	-0.7%
Chile	218	233	227	220	218	227	232	232	232	0.0%	0.5%
Colombia	1,900	2,308	2,002	1,665	1,782	1,960	2,036	1,820	2,040	12.1%	0.6%
Cuba	180	193	187	182	180	188	192	192	192	0.0%	0.5%
Ecuador	7,206	8,273	8,273	8,273	8,273	8,273	8,273	8,273	8,273	0.0%	1.2%
Guatemala	120	129	125	122	120	126	128	107	128	19.4%	0.5%
Mexico	13,796	9,632	8,652	7,695	7,010	7,042	7,319	7,584	7,537	-0.6%	-4.9%
Peru	1,240	1,187	1,225	985	859	803	746	732	746	2.0%	-4.1%
Suriname	116	124	121	117	116	121	124	124	124	-0.3%	0.5%
Trinidad and Tobago	830	728	243	243	243	243	243	243	243	0.0%	-9.7%
United States	25,181	35,230	35,213	41,990	47,053	47,107	38,212	33,315	44,730	34.3%	4.9%
Venezuela	296,501	300,878	302,250	302,809	303,806	303,806	303,561	303,468	303,375	0.0%	0.2%

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Production

Areas and Aggregates^(*)

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

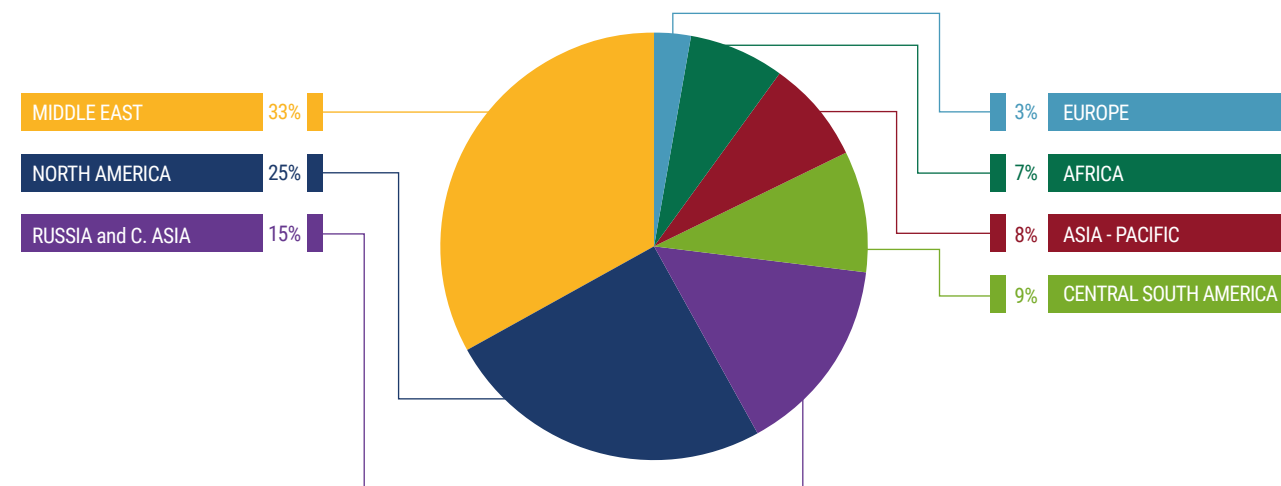
	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Europe	4,401	3,707	3,733	3,690	3,672	3,575	3,787	3,588	3,303	-7.9%	-2.4%
Russia and Central Asia	13,414	13,949	14,123	14,233	14,488	14,554	13,409	13,679	13,853	1.3%	0.3%
Middle East	25,366	29,671	31,416	30,959	31,495	30,023	27,606	27,930	30,952	10.8%	1.7%
Africa	10,240	8,324	7,796	8,205	8,298	8,456	7,037	7,412	7,139	-3.7%	-3.0%
Asia - Pacific	8,376	8,316	7,997	7,779	7,648	7,699	7,511	7,428	7,367	-0.8%	-1.1%
Americas	21,407	27,827	27,037	27,703	29,521	31,085	29,765	30,272	32,030	5.8%	3.4%
- North America	11,073	17,385	17,044	18,204	20,809	22,833	21,919	22,351	23,607	5.6%	6.5%
- Central South America	10,333	10,442	9,993	9,499	8,712	8,253	7,846	7,920	8,423	6.3%	-1.7%
World	83,205	91,794	92,101	92,569	95,123	95,393	89,117	90,308	94,645	4.8%	1.1%
European Union 27	707	609	543	547	533	486	486	467	433	-7.3%	-4.0%
MENA	29,531	32,451	34,164	34,051	34,729	33,343	29,993	31,147	34,137	9.6%	1.2%
OECD	19,628	24,929	24,353	25,167	27,637	29,550	28,742	28,954	30,015	3.7%	3.6%
NON OECD	63,577	66,866	67,748	67,401	67,486	65,843	60,374	61,354	64,630	5.3%	0.1%
OPEC	33,309	36,030	37,097	36,821	36,788	34,961	30,810	31,588	34,357	8.8%	0.3%
NON OPEC	49,896	55,765	55,004	55,748	58,335	60,431	58,306	58,720	60,288	2.7%	1.6%

^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Production

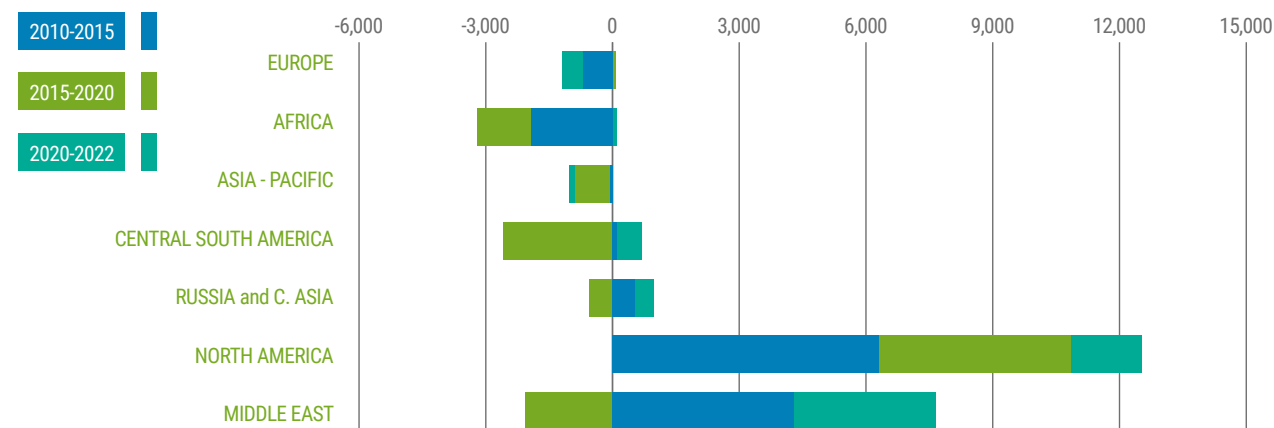
World Oil Production (2022)

94,645 thousand barrels/day



World Oil Production Growth (2010-2022)

11,441 thousand barrels/day



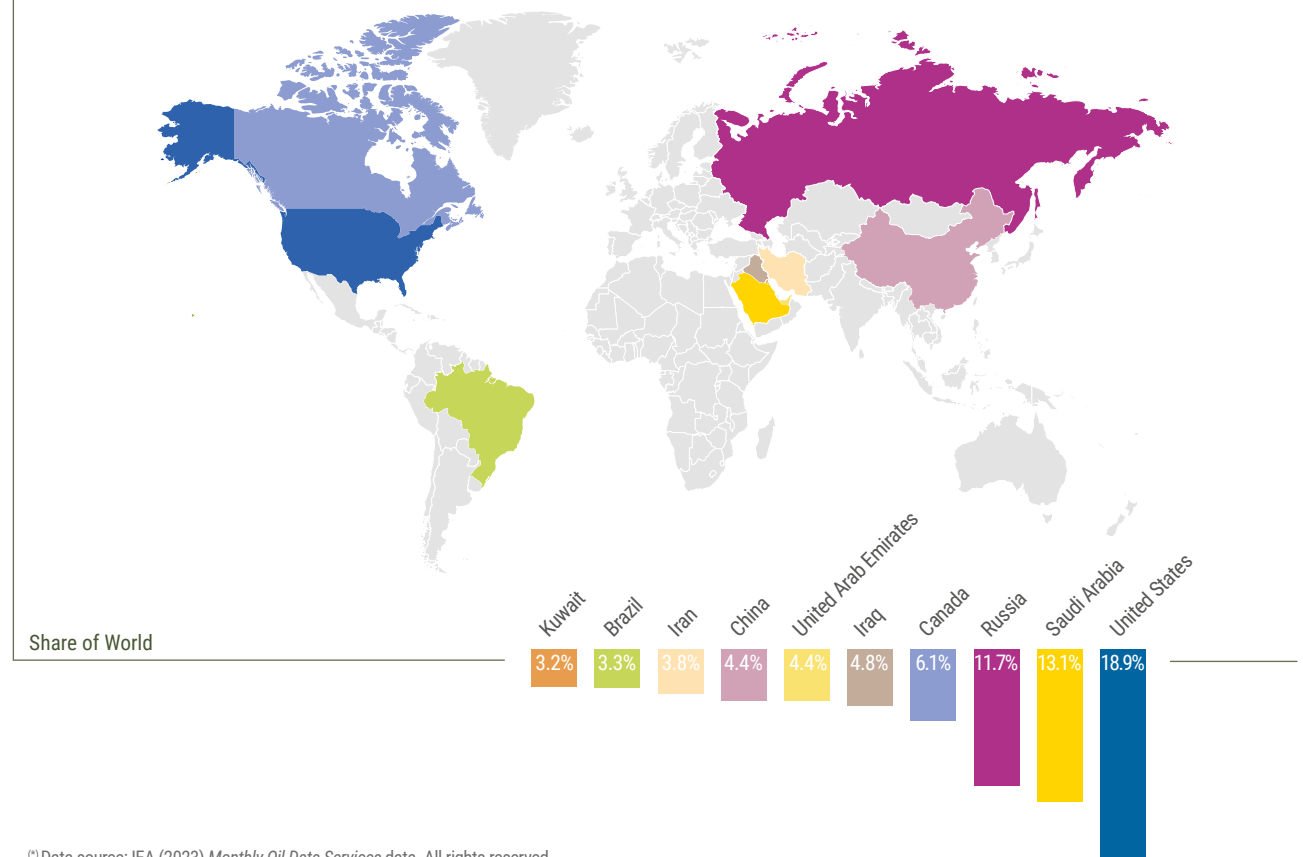
Production

The World Top 10 Producers^(*)

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

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
United States	7,615	12,849	12,429	13,214	15,401	17,222	16,570	16,759	17,850	6.5%	7.4%
Saudi Arabia	9,971	12,045	12,344	11,876	12,345	11,914	11,094	10,974	12,416	13.1%	1.8%
Russia	10,390	11,084	11,328	11,321	11,494	11,582	10,607	10,867	11,088	2.0%	0.5%
Canada	3,458	4,536	4,615	4,990	5,408	5,610	5,349	5,593	5,757	2.9%	4.3%
Iraq	2,430	4,078	4,503	4,563	4,663	4,812	4,148	4,132	4,554	10.2%	5.4%
United Arab Emirates	2,831	3,762	3,848	3,740	3,801	4,009	3,697	3,601	4,190	16.4%	3.3%
China	4,038	4,271	3,982	3,892	3,848	3,921	3,970	4,060	4,177	2.9%	0.3%
Iran	4,215	3,573	4,402	4,722	4,552	3,290	2,938	3,419	3,577	4.6%	-1.4%
Brazil	2,152	2,547	2,628	2,755	2,713	2,897	3,044	3,002	3,119	3.9%	3.1%
Kuwait	2,498	3,097	3,194	3,014	3,050	2,987	2,717	2,719	3,013	10.8%	1.6%
The World Top 10	49,598	61,842	63,272	64,087	67,275	68,244	64,134	65,125	69,741	7.1%	2.9%
Rest of the World	33,607	29,953	28,828	28,482	27,848	27,148	24,983	25,183	24,904	-1.1%	-2.5%
World	83,205	91,794	92,101	92,569	95,123	95,393	89,117	90,308	94,645	4.8%	1.1%

The World Top 10 (2022)



^(*) Data source: IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Production

Countries^(*)

Crude and non conventional oil, natural gas liquids (thousand barrels/day)										Δ y/y (2022-2021)	CAGR (2022-2010)
	2010	2015	2016	2017	2018	2019	2020	2021	2022		
Europe	4,401	3,707	3,733	3,690	3,672	3,575	3,787	3,588	3,303	-7.9%	-2.4%
Albania	13	23	19	17	16	18	17	16	15	-6.8%	1.2%
Austria	21	17	15	14	13	13	11	11	10	-8.9%	-6.1%
Belarus	34	33	33	32	34	34	34	34	32	-6.5%	-0.6%
Bulgaria	1	1	1	1	1	1	1	1	1	0.0%	0.0%
Croatia	18	14	15	15	15	14	13	12	12	-3.5%	-3.3%
Czech Republic	5	7	5	7	6	5	6	6	5	-11.7%	-0.3%
Denmark	255	159	142	140	117	104	75	69	68	-1.9%	-10.4%
Estonia	10	16	14	18	22	23	23	22	21	-2.9%	6.3%
France	41	23	31	33	21	28	26	32	37	14.1%	-1.0%
Germany	72	66	68	67	67	58	73	62	59	-6.2%	-1.7%
Greece	2	1	3	3	4	3	2	2	1	-2.9%	-3.5%
Hungary	25	18	21	22	23	23	20	22	22	0.1%	-0.9%
Italy	97	131	95	97	109	89	112	110	94	-15.2%	-0.3%
Netherlands	33	36	24	24	23	18	20	18	11	-39.4%	-8.8%
Norway	2,138	1,948	1,995	1,969	1,850	1,758	2,041	2,050	1,899	-7.4%	-1.0%
Poland	24	28	21	24	32	30	29	27	24	-10.0%	0.0%
Portugal	1	0	1	0	0	0	0	0	0	-100.0%	-100.0%
Romania	89	82	78	74	73	73	71	68	64	-6.8%	-2.7%
Serbia	17	20	18	18	17	17	16	15	14	-6.8%	-1.5%
Slovakia	3	4	4	6	3	3	3	4	4	17.8%	3.1%
Spain	10	5	3	2	2	1	1	0	0	-83.9%	-40.7%
Türkiye	48	48	49	49	55	58	62	66	69	4.5%	3.1%
Ukraine	79	54	50	49	51	55	54	54	11	-79.5%	-15.0%
United Kingdom	1,365	972	1,026	1,009	1,116	1,150	1,076	885	830	-6.2%	-4.1%
	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Russia and Central Asia	13,414	13,949	14,123	14,233	14,488	14,554	13,409	13,679	13,853	1.3%	0.3%
Russia	10,390	11,084	11,328	11,321	11,494	11,582	10,607	10,867	11,088	2.0%	0.5%
Azerbaijan	1,042	849	829	784	793	765	699	704	672	-4.5%	-3.6%
Georgia	1	1	0	0	0	0	0	0	0	-6.8%	-8.9%
Kazakhstan	1,694	1,694	1,669	1,848	1,937	1,942	1,836	1,846	1,820	-1.4%	0.6%
Kyrgyzstan	1	1	1	1	1	1	1	1	1	-6.8%	-2.7%
Tajikistan	0	0	0	0	0	0	0	0	0	-4.5%	7.2%
Turkmenistan	211	268	247	232	219	223	227	224	220	-1.6%	0.4%
Uzbekistan	75	52	48	46	43	40	38	36	51	39.6%	-3.2%

Production

Countries^(*)

Crude and non conventional oil, natural gas liquids (thousand barrels/day)										Δ y/y (2022-2021)	CAGR (2022-2010)
	2010	2015	2016	2017	2018	2019	2020	2021	2022		
Middle East	25,366	29,671	31,416	30,959	31,495	30,023	27,606	27,930	30,952	10.8%	1.7%
Bahrain	192	213	213	210	208	208	182	185	199	7.2%	0.3%
Iran	4,215	3,573	4,402	4,722	4,552	3,290	2,938	3,419	3,577	4.6%	-1.4%
Iraq	2,430	4,078	4,503	4,563	4,663	4,812	4,148	4,132	4,554	10.2%	5.4%
Kuwait	2,498	3,097	3,194	3,014	3,050	2,987	2,717	2,719	3,013	10.8%	1.6%
Oman	871	988	1,012	978	986	979	957	979	1,072	9.5%	1.7%
Qatar	1,668	1,856	1,859	1,787	1,800	1,724	1,771	1,822	1,837	0.8%	0.8%
Saudi Arabia	9,971	12,045	12,344	11,876	12,345	11,914	11,094	10,974	12,416	13.1%	1.8%
Syria	385	27	25	25	24	34	43	43	43	-1.6%	-16.7%
United Arab Emirates	2,831	3,762	3,848	3,740	3,801	4,009	3,697	3,601	4,190	16.4%	3.3%
Yemen	306	32	16	44	67	67	60	55	53	-3.6%	-13.6%
	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Africa	10,240	8,324	7,796	8,205	8,298	8,456	7,037	7,412	7,139	-3.7%	-3.0%
Algeria	1,720	1,590	1,605	1,530	1,512	1,490	1,346	1,362	1,470	7.9%	-1.3%
Angola	1,800	1,796	1,743	1,701	1,543	1,449	1,328	1,178	1,192	1.3%	-3.4%
Cameroon	64	93	92	76	69	71	73	68	61	-9.5%	-0.4%
Chad	120	139	129	112	128	118	106	96	87	-8.9%	-2.6%
Congo	313	234	217	266	331	339	303	275	269	-2.4%	-1.3%
Côte d'Ivoire	39	26	32	40	33	36	28	28	27	-3.5%	-3.1%
Dem. Rep. Congo	22	21	19	24	23	23	22	21	20	-4.9%	-0.7%
Egypt	700	696	664	639	649	633	619	593	600	1.2%	-1.3%
Equatorial Guinea	311	276	231	212	208	196	190	180	162	-9.6%	-5.3%
Gabon	249	230	227	200	190	212	198	182	188	3.7%	-2.3%
Ghana	7	106	92	157	177	207	196	170	168	-0.7%	30.6%
Libya	1,661	437	426	877	1,029	1,159	384	1,225	1,079	-11.9%	-3.5%
Mauritania	9	5	4	3	0	0	0	0	0		-100.0%
Niger	0	15	14	15	16	15	14	12	11	-9.6%	
Nigeria	2,535	2,246	1,928	1,986	2,030	2,123	1,879	1,681	1,485	-11.7%	-4.4%
South Africa	141	106	103	106	102	104	88	91	83	-8.9%	-4.3%
South Sudan	0	148	137	147	144	172	165	153	141	-7.6%	
Sudan	465	105	81	67	71	69	61	62	60	-3.3%	-15.7%
Tunisia	84	55	53	46	43	40	37	38	36	-5.0%	-6.8%

^(*) Data source: IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

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Production

Countries^(*)

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

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Asia - Pacific	8,376	8,316	7,997	7,779	7,648	7,699	7,511	7,428	7,367	-0.8%	-1.1%
Australia	549	371	345	315	344	458	455	444	413	-7.1%	-2.4%
Bangladesh	7	8	11	12	12	11	11	10	10	-3.0%	3.2%
Brunei	169	127	121	113	111	121	110	108	93	-14.0%	-4.9%
China	4,038	4,271	3,982	3,892	3,848	3,921	3,970	4,060	4,177	2.9%	0.3%
East Timor	88	45	30	21	15	23	14	14	14	0.0%	-14.2%
India	880	872	852	861	845	803	750	728	704	-3.3%	-1.8%
Indonesia	991	817	866	824	798	772	734	683	632	-7.4%	-3.7%
Japan	18	12	11	12	10	11	10	10	9	-13.4%	-6.1%
Malaysia	717	701	737	729	723	670	604	566	562	-0.8%	-2.0%
Mongolia	6	24	22	20	19	18	18	17	16	-4.9%	8.5%
Myanmar	18	11	11	11	9	8	8	8	7	-3.0%	-7.1%
New Zealand	60	48	41	37	30	30	26	23	21	-10.6%	-8.4%
Pakistan	72	100	102	106	106	104	102	100	98	-2.4%	2.6%
Papua New Guinea	32	58	56	50	36	35	39	37	36	-3.5%	1.0%
Philippines	20	15	15	13	13	11	11	10	10	-3.0%	-5.5%
South Korea	21	22	24	25	29	28	34	37	38	2.9%	5.2%
Thailand	382	452	462	457	446	443	411	380	340	-10.5%	-1.0%
Vietnam	308	363	310	280	252	232	204	192	187	-2.8%	-4.1%

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Americas	21,407	27,827	27,037	27,703	29,521	31,085	29,765	30,272	32,030	5.8%	3.4%
Argentina	734	650	625	595	621	647	609	643	712	10.8%	-0.3%
Barbados	1	1	1	1	1	1	1	1	1	-4.9%	-5.5%
Bolivia	56	78	78	76	72	68	64	63	60	-5.4%	0.6%
Brazil	2,152	2,547	2,628	2,755	2,713	2,897	3,044	3,002	3,119	3.9%	3.1%
Canada	3,458	4,536	4,615	4,990	5,408	5,610	5,349	5,593	5,757	2.9%	4.3%
Chile	13	6	5	6	9	12	9	9	10	22.7%	-2.0%
Colombia	788	1,014	906	862	873	893	788	744	761	2.4%	-0.3%
Cuba	55	53	48	48	47	42	40	38	36	-5.6%	-3.6%
Ecuador	470	548	555	537	523	536	484	477	466	-2.3%	-0.1%
Guatemala	11	10	8	9	9	9	8	8	7	-9.5%	-3.8%
Guyana	0	0	0	0	0	1	70	110	274	149.8%	
Mexico	2,959	2,597	2,463	2,229	2,073	1,928	1,926	1,954	2,006	2.7%	-3.2%
Peru	156	150	134	133	133	140	125	121	118	-2.2%	-2.3%
Suriname	15	16	16	16	16	16	16	15	14	-4.9%	-0.5%
Trinidad and Tobago	148	109	97	99	87	82	76	77	77	0.6%	-5.3%
United States	7,615	12,849	12,429	13,214	15,401	17,222	16,570	16,759	17,850	6.5%	7.4%
Venezuela	2,775	2,665	2,429	2,133	1,534	982	587	661	762	15.2%	-10.2%

^(*) Data source: IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

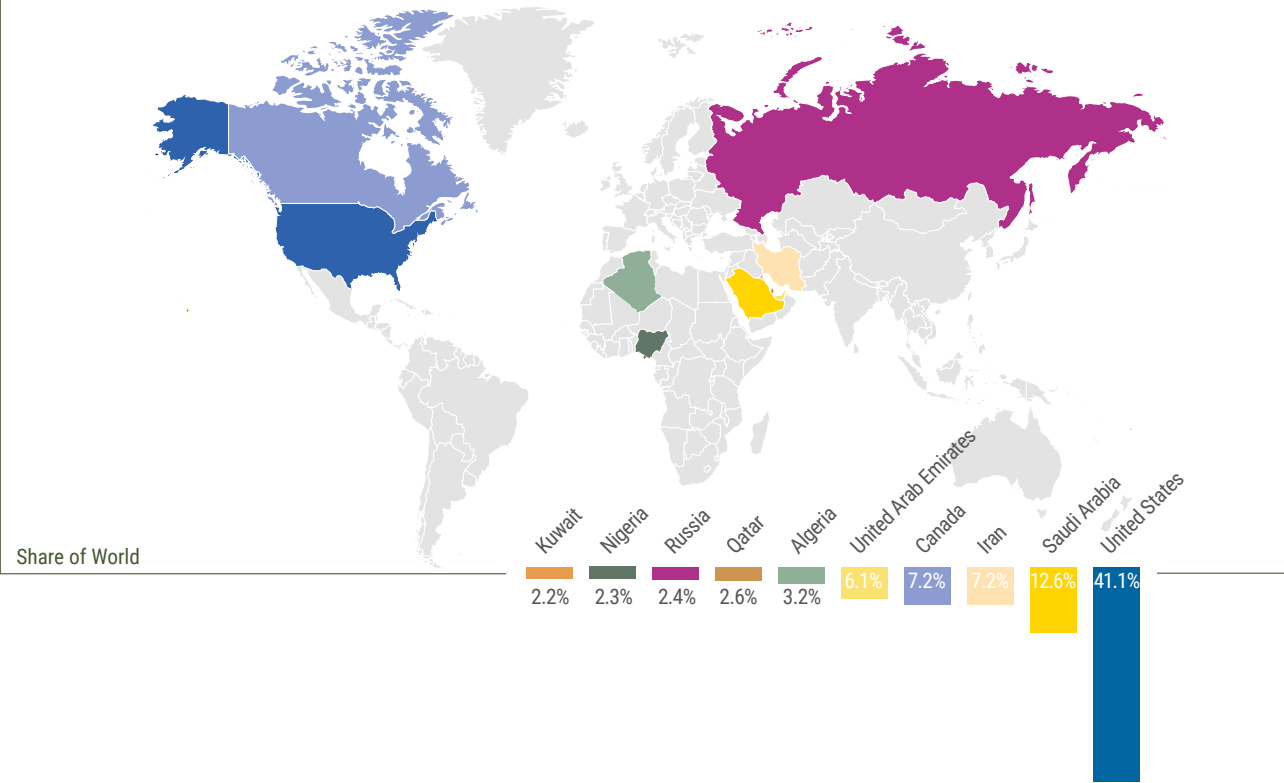
Production

The World Top 10 Natural Gas Liquids Producers^(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
United States	2,074	3,342	3,509	3,783	4,369	4,825	5,175	5,425	5,881	8.4%	9.1%
Saudi Arabia	1,710	1,805	1,848	1,838	1,939	1,890	1,804	1,742	1,808	3.8%	0.5%
Canada	608	708	792	839	904	961	949	976	1,035	6.0%	4.5%
Iran	510	727	850	910	973	931	942	999	1,031	3.1%	6.0%
United Arab Emirates	520	816	798	807	803	832	831	842	871	3.4%	4.4%
Algeria	515	481	494	483	470	466	448	451	459	1.7%	-1.0%
Qatar	339	351	351	351	351	351	351	360	372	3.2%	0.8%
Russia	251	365	364	341	333	332	338	343	349	1.7%	2.8%
Nigeria	464	459	446	443	413	377	369	355	324	-8.7%	-2.9%
Kuwait	200	310	310	307	305	305	303	303	316	4.3%	3.9%
The World Top 10	7,190	9,363	9,762	10,102	10,860	11,269	11,511	11,797	12,445	5.5%	4.7%
Rest of the World	2,448	2,254	2,256	2,297	2,237	2,205	2,048	1,967	1,872	-4.8%	-2.2%
World	9,638	11,617	12,018	12,399	13,097	13,474	13,558	13,764	14,317	4.0%	3.4%

The World Top 10 (2022)



^(*) Data source: IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Reserves/Production Ratio

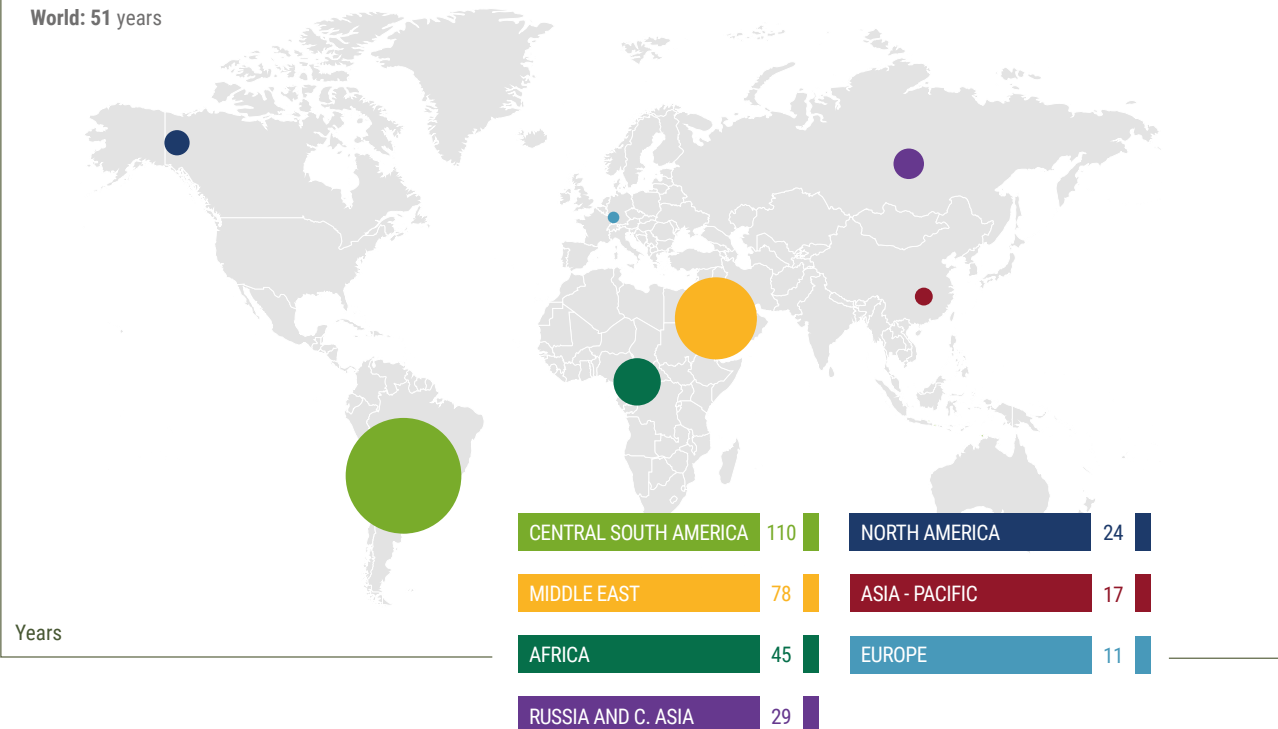
Areas and Aggregates^(*)

(years)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Europe	9	11	11	11	12	12	11	11	11
Russia and Central Asia	29	28	28	28	28	28	30	29	29
Middle East	86	74	70	71	70	79	86	85	78
Africa	34	42	45	42	41	40	48	44	45
Asia - Pacific	16	15	16	17	17	17	17	17	17
Americas	69	54	55	55	52	49	50	49	47
- North America	49	33	33	32	29	26	26	24	24
- Central South America	90	89	93	97	107	112	118	117	110
World	55	50	50	50	49	50	53	52	51
European Union 27	13	13	14	14	14	16	15	17	17
MENA	80	73	70	70	68	76	85	82	76
OECD	32	26	26	26	24	22	22	21	21
NON OECD	62	59	59	59	59	63	68	67	64
OPEC	96	90	88	88	88	97	110	108	100
NON OPEC	27	24	25	25	24	23	23	23	23

Reserves/Production Ratio (2022)

World: 51 years



^(*) Data source: Eni's calculations on Enerdata Global Energy Market & CO₂ Data, IEA (2023) Monthly Oil Data Services and other official data sources. All rights reserved.

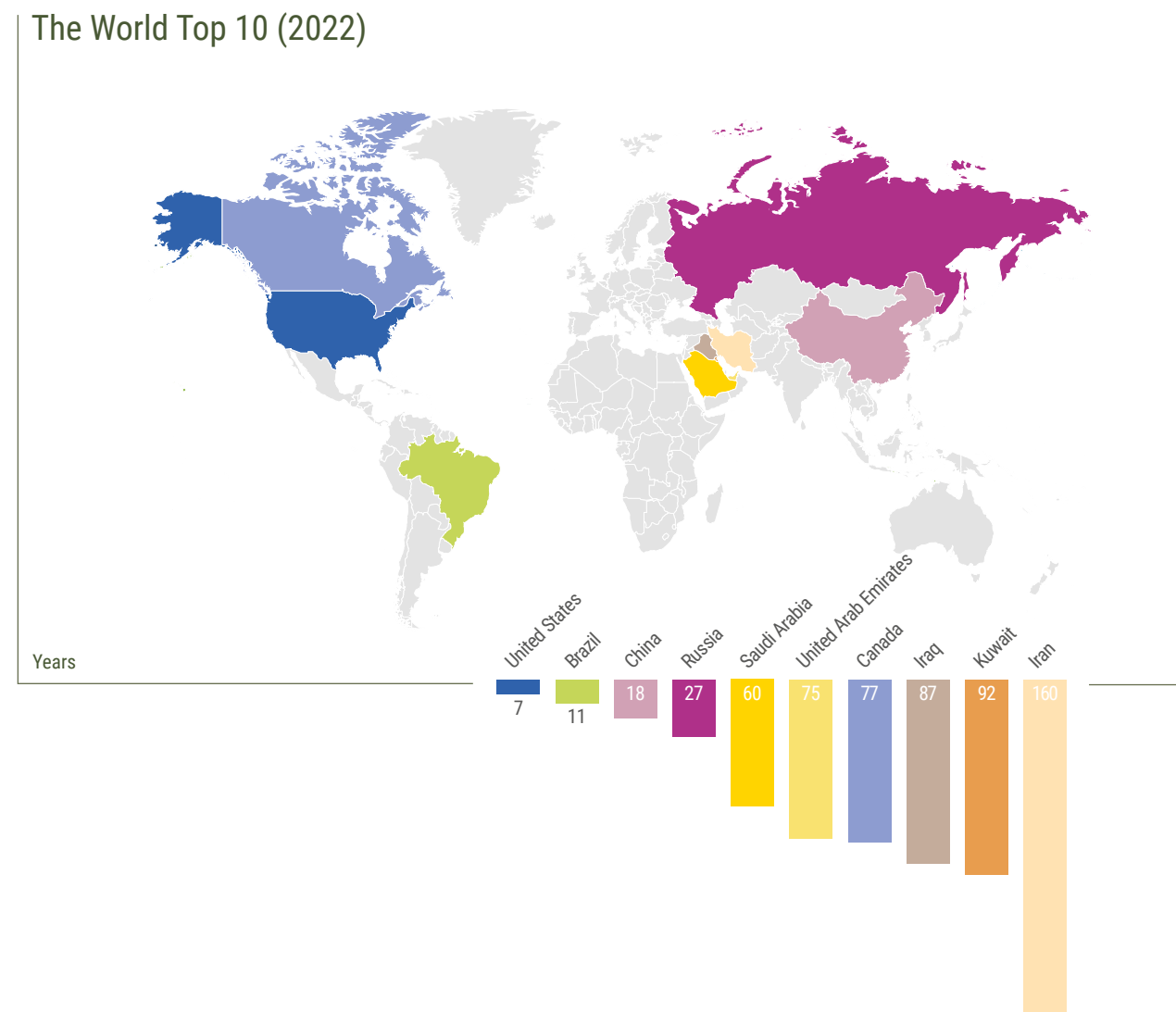
Reserves/Production Ratio

The World Top 10 Producers Ranked by Reserves/Production Ratio^(*)

(years)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Iran	98	121	98	90	94	174	194	167	160
Kuwait	111	90	87	92	91	93	102	102	92
Iraq	161	96	91	88	85	83	96	96	87
Canada	139	104	101	94	86	83	86	81	77
United Arab Emirates	95	71	70	72	70	72	79	84	75
Saudi Arabia	73	61	59	61	59	61	66	67	60
Russia	28	25	26	26	26	26	28	27	27
China	16	16	18	18	19	18	18	18	18
Brazil	18	14	13	13	13	12	11	10	11
United States	9	8	8	9	8	7	6	5	7

The World Top 10 (2022)



^(*) Data source: Eni's calculations on Enerdata Global Energy Market & CO₂ Data, IEA (2023) Monthly Oil Data Services and other official data sources. All rights reserved.

Reserves/Production Ratio

Countries^(*)

(years)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Europe	9	11	11	11	12	12	11	11	11
Albania	61	37	43	47	49	46	49	52	56
Austria	9	12	14	14	15	16	19	19	19
Belarus	23	26	25	25	23	24	24	25	26
Bulgaria	60	64	62	60	60	62	63	63	63
Croatia	16	23	20	20	20	21	24	25	26
Czech Republic	12	9	11	8	10	13	11	11	13
Denmark	10	8	8	8	10	11	16	16	13
France	10	19	14	12	19	15	16	28	16
Germany	11	10	9	8	9	10	5	7	6
Greece	17	34	13	14	10	12	23	27	28
Hungary	4	6	5	5	5	5	6	6	5
Italy (**)	16	12	15	16	14	16	13	14	17
Netherlands	12	12	17	17	17	23	21	12	18
Norway	9	11	10	11	13	13	11	10	11
Poland	16	15	19	16	12	13	14	14	17
Romania	19	20	21	22	22	23	23	24	26
Serbia	18	17	18	17	18	19	20	22	23
Slovakia	12	9	9	6	10	12	11	10	9
Spain	59	135	217	251	331	763	1.156		
Türkiye	22	23	22	21	19	19	18	17	16
Ukraine	20	31	32	33	31	30	31	31	150
United Kingdom	6	7	6	7	7	6	6	6	6

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Russia and Central Asia	29	28	28	28	28	28	30	29	29
Russia	28	25	26	26	26	26	28	27	27
Azerbaijan	18	23	23	24	24	25	27	27	29
Georgia	165	292							
Kazakhstan	49	49	49	44	42	42	45	45	45
Kyrgyzstan	175	140	151	162	177	203	224	240	257
Turkmenistan	8	6	7	7	8	7	7	7	7
Uzbekistan	22	31	34	35	38	41	43	45	32

^(*)Data source: Eni's calculations on Enerdata *Global Energy Market & CO₂ Data*, IEA (2023) *Monthly Oil Data Services* and other official data sources. All rights reserved.

Reserves/Production Ratio

Countries^(*)

(years)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Middle East	86	74	70	71	70	79	86	85	78
Bahrain	3	3	2	2	2	2	3	3	2
Iran	98	121	98	90	94	174	194	167	160
Iraq	161	96	91	88	85	83	96	96	87
Kuwait	111	90	87	92	91	93	102	102	92
Oman	17	15	15	15	15	15	15	15	14
Qatar	41	37	37	39	38	40	39	38	38
Saudi Arabia	73	61	59	61	59	61	66	67	60
Syria	18	258	272	278	285	204	159	157	160
United Arab Emirates	95	71	70	72	70	72	79	84	75
Yemen	27	257	505	187	124	123	136	149	155

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Africa	34	42	45	42	41	40	48	44	45
Algeria	19	21	21	22	22	22	25	25	23
Angola	14	15	15	14	14	15	15	6	2
Cameroon	12	9	9	11	12	12	12	12	14
Chad	34	30	32	37	32	35	39	43	47
Congo	18	35	38	31	25	16	16	18	18
Côte d'Ivoire	10	16	13	10	12	11	15	15	16
Dem. Rep. Congo	33	37	39	30	31	32	34	23	24
Egypt	18	14	14	14	13	14	14	15	14
Equatorial Guinea	15	11	13	14	15	15	16	17	19
Gabon	22	24	24	27	29	26	28	30	29
Ghana	271	17	20	11	10	9	9	11	11
Libya	78	303	311	151	129	114	345	108	123
Mauritania	43	92	99	117					
Niger		26	29	26	25	27	30	33	36
Nigeria	40	45	53	52	50	48	54	60	69
South Sudan		65	70	65	66	56	58	63	68
Sudan	29	39	51	61	58	59	67	67	69
Tunisia	14	21	22	25	27	29	32	31	33

^(*)Data source: Eni's calculations on Enerdata *Global Energy Market & CO₂ Data*, IEA (2023) *Monthly Oil Data Services* and other official data sources. All rights reserved.

Reserves/Production Ratio

Countries^(*)

(years)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Asia - Pacific	16	15	16	17	17	17	17	17	17
Australia	19	18	19	21	19	14	14	11	12
Bangladesh	16	15	11	9	9	11	11	11	12
Brunei	18	24	25	27	27	25	27	28	32
China	16	16	18	18	19	18	18	18	18
India	18	15	15	14	15	16	17	14	14
Indonesia	11	11	10	11	11	11	9	10	10
Japan	10	15	16	15	17	17	18	19	22
Malaysia	14	14	13	14	14	15	16	17	18
Mongolia	7	29	32	35	36	47	49	52	54
Myanmar	11	19	19	18	22	26	27	28	29
New Zealand	4	5	6	6	8	8	10	11	13
Pakistan	17	13	13	12	12	12	13	13	14
Papua New Guinea	11	6	7	7	10	10	9	9	9
Philippines	28	39	38	43	42	52	54	56	58
Thailand	3	2	2	2	2	2	2	2	1
Vietnam	39	33	39	43	48	52	59	63	64

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Americas	69	54	55	55	52	49	50	49	47
Argentina	9	10	9	9	11	11	11	10	11
Barbados	8	12	12	13	13	14	15	16	16
Bolivia	33	25	25	25	26	29	31	31	33
Brazil	18	14	13	13	13	12	11	10	11
Canada	139	104	101	94	86	83	86	81	77
Chile	45	102	120	97	66	53	69	74	60
Colombia	7	6	6	5	6	6	7	7	7
Cuba	9	10	11	10	10	12	13	14	15
Ecuador	42	41	41	42	43	42	47	48	49
Guatemala	30	35	43	37	37	38	41	38	50
Mexico	13	10	10	9	9	10	10	11	10
Peru	22	22	25	20	18	16	16	17	17
Suriname	21	21	21	20	20	21	22	23	24
Trinidad and Tobago	15	18	7	7	8	8	9	9	9
United States	9	8	8	9	8	7	6	5	7
Venezuela	293	309	341	389	542	848	1,417	1,257	1,091

^(*) Data source: Eni's calculations on Enerdata *Global Energy Market & CO₂ Data*, IEA (2023) *Monthly Oil Data Services* and other official data sources. All rights reserved.

Consumption

Areas and Aggregates^(*)

(thousand barrels/day)

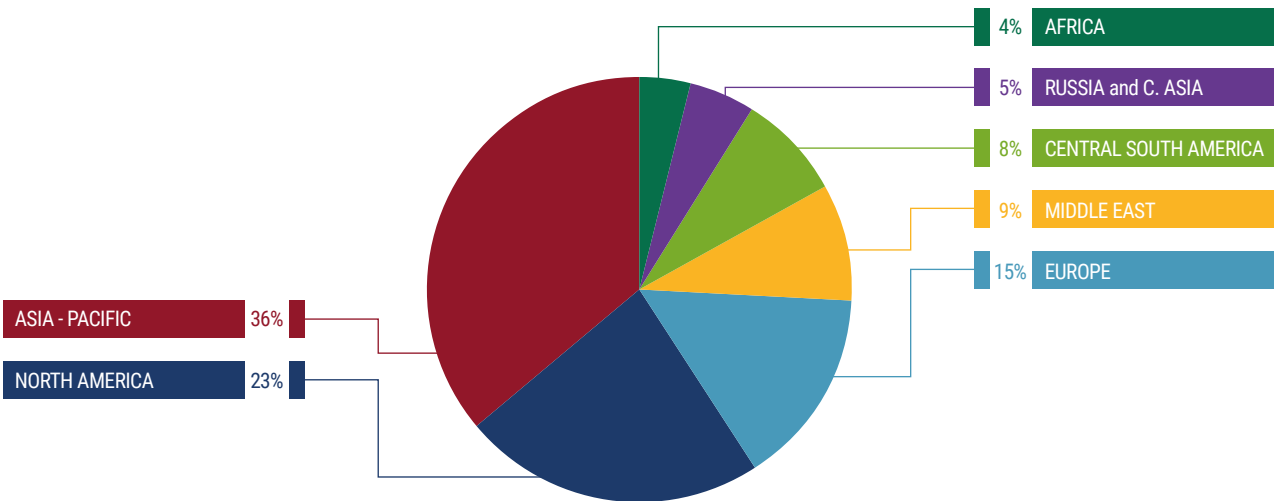
	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Europe	15,921	14,976	15,188	15,576	15,485	15,502	13,518	14,307	14,624	2.2%	-0.7%
Russia and Central Asia	3,424	4,213	4,086	4,259	4,269	4,310	4,176	4,444	4,568	2.8%	2.4%
Middle East	7,986	9,115	9,045	9,156	9,111	9,076	8,285	8,704	9,292	6.8%	1.3%
Africa	3,544	4,114	4,068	4,104	4,117	4,135	3,773	4,012	4,198	4.6%	1.4%
Asia - Pacific	27,546	32,236	33,034	34,247	35,425	35,869	33,886	35,934	36,099	0.5%	2.3%
Americas	30,205	31,108	31,119	31,253	31,603	31,700	27,901	30,257	31,135	2.9%	0.3%
- North America	21,755	22,127	22,292	22,505	23,104	23,054	20,519	22,293	22,713	1.9%	0.4%
- Central South America	8,450	8,981	8,827	8,748	8,499	8,646	7,382	7,964	8,422	5.8%	0.0%
World	88,626	95,762	96,540	98,595	100,010	100,592	91,539	97,658	99,916	2.3%	1.0%
European Union 27	12,395	11,438	11,518	11,826	11,762	11,786	10,346	10,954	11,238	2.6%	-0.8%
MENA	9,678	10,941	10,808	10,881	10,791	10,711	9,811	10,373	11,105	7.1%	1.2%
OECD	47,365	46,906	47,334	47,858	48,088	48,089	42,402	45,235	46,385	2.5%	-0.2%
NON OECD	41,261	48,856	49,206	50,737	51,922	52,503	49,137	52,423	53,531	2.1%	2.2%
OPEC	8,563	9,848	9,659	9,617	9,457	9,418	8,514	8,964	9,463	5.6%	0.8%
NON OPEC	80,063	85,914	86,881	88,978	90,553	91,174	83,025	88,694	90,453	2.0%	1.0%

^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Consumption

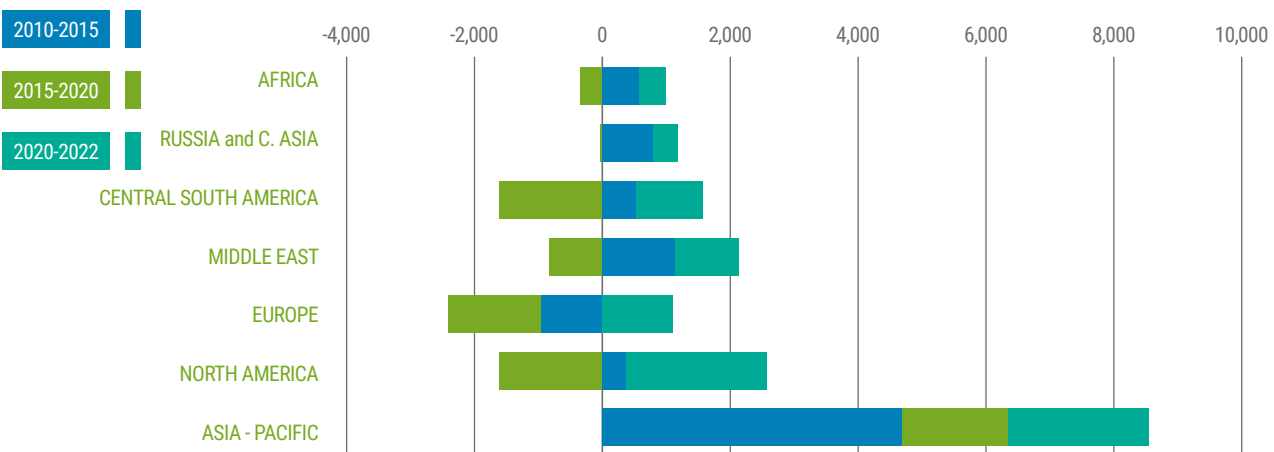
World Oil Consumption (2022)

99,916 thousand barrels/day



World Oil Consumption Growth (2010-2022)

11,290 thousand barrels/day



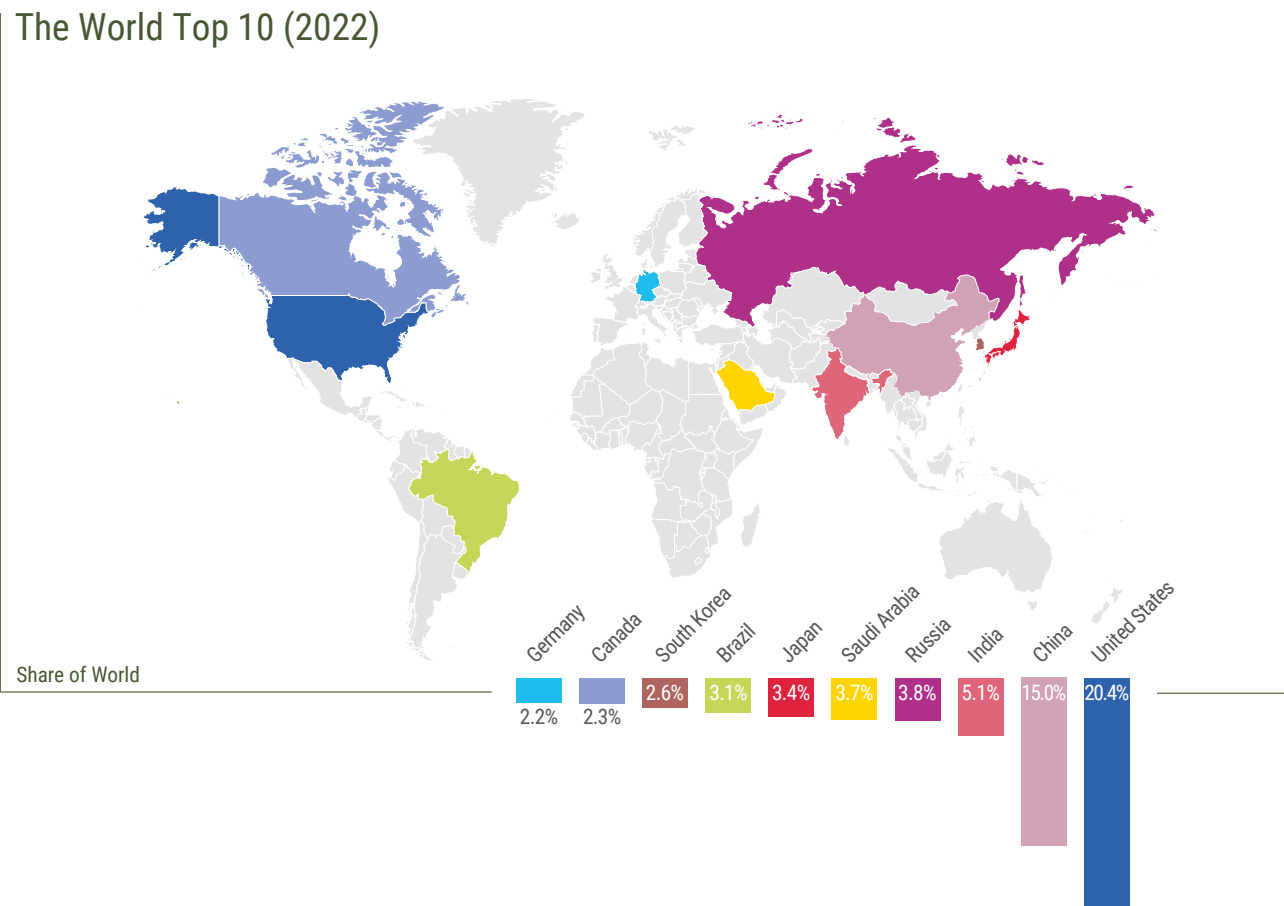
Consumption

The World Top 10 Consumers(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
United States	19,391	19,687	19,827	20,042	20,595	20,583	18,348	20,034	20,430	2.0%	0.4%
China	9,031	11,639	12,013	12,574	13,581	14,080	14,196	15,419	15,001	-2.7%	4.3%
India	3,366	4,288	4,493	4,762	4,927	4,963	4,582	4,765	5,145	8.0%	3.6%
Russia	2,828	3,472	3,308	3,496	3,494	3,568	3,421	3,655	3,760	2.9%	2.4%
Saudi Arabia	3,174	3,895	3,870	3,804	3,608	3,635	3,448	3,494	3,717	6.4%	1.3%
Japan	4,402	4,169	4,036	3,945	3,852	3,764	3,361	3,415	3,369	-1.3%	-2.2%
Brazil	2,779	3,193	3,006	3,045	2,979	3,082	2,866	3,006	3,067	2.0%	0.8%
South Korea	2,269	2,473	2,603	2,627	2,564	2,596	2,448	2,578	2,582	0.2%	1.1%
Canada	2,364	2,440	2,465	2,463	2,509	2,471	2,171	2,259	2,283	1.1%	-0.3%
Germany	2,467	2,368	2,383	2,450	2,327	2,355	2,148	2,126	2,171	2.1%	-1.1%
The World Top 10	52,071	57,624	58,004	59,208	60,436	61,097	56,989	60,751	61,525	1.3%	1.4%
Rest of the World	36,555	38,138	38,536	39,387	39,574	39,495	34,550	36,907	38,391	4.0%	0.4%
World	88,626	95,762	96,540	98,595	100,010	100,592	91,539	97,658	99,916	2.3%	1.0%

The World Top 10 (2022)



(*) Data source: IEA (2023) Monthly Oil Data Services. All rights reserved.

Consumption

Countries^(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Europe	15,921	14,976	15,188	15,576	15,485	15,502	13,518	14,307	14,624	2.2%	-0.7%
Albania	26	26	28	30	27	29	23	28		-100.0%	-100.0%
Austria	278	258	262	263	269	277	239	253	246	-2.8%	-1.0%
Belarus	151	139	137	137	151	146	147	152	145	-4.6%	-0.3%
Belgium	653	624	633	638	684	643	563	631	599	-5.1%	-0.7%
Bosnia Herzegovina	34	31	35	35	35	34	32	34	35	2.9%	0.2%
Bulgaria	84	95	96	98	100	104	95	99	101	2.0%	1.5%
Croatia	78	69	68	73	72	71	60	67	70	4.5%	-0.9%
Cyprus	57	48	52	53	53	53	45	51	52	2.0%	-0.8%
Czech Republic	202	196	180	214	217	219	192	212	218	2.8%	0.6%
Denmark	167	154	158	159	161	165	137	140	148	5.7%	-1.0%
Estonia	27	29	29	30	30	28	28	30	30	0.0%	0.9%
Finland	214	207	210	209	210	209	189	179	190	6.1%	-1.0%
France	1,817	1,747	1,709	1,737	1,686	1,689	1,428	1,548	1,535	-0.8%	-1.4%
Germany	2,467	2,368	2,383	2,450	2,327	2,355	2,148	2,126	2,171	2.1%	-1.1%
Gibraltar	83	74	75	84	82	84	84	84	84	0.0%	0.1%
Greece	370	295	296	303	300	310	251	268	301	12.3%	-1.7%
Hungary	149	155	154	167	179	180	168	183	180	-1.6%	1.6%
Iceland	15	17	19	21	23	20	13	14	19	35.7%	2.0%
Ireland	164	146	152	154	159	159	135	141	151	7.1%	-0.7%
Italy	1,544	1,274	1,237	1,244	1,272	1,255	1,032	1,185	1,223	3.2%	-1.9%
Kosovo	11	14	14	15	15	16	15	15	16	6.7%	3.2%
Latvia	37	37	38	38	35	40	35	37	37	0.0%	0.0%
Lithuania	56	57	62	64	68	68	64	66	66	0.0%	1.4%
Luxembourg	60	56	56	59	63	64	53	54	49	-9.3%	-1.7%
Malta	47	43	45	51	52	54	50	53	56	5.7%	1.5%
Moldova	17	18	19	20	21	21	20	21	21	0.0%	1.8%
Montenegro	7	6	7	8	8	9	7	8	8	0.0%	1.1%
Netherlands	985	932	935	943	929	904	861	850	881	3.6%	-0.9%
North Macedonia	18	20	22	21	21	22	21	21	20	-4.8%	0.9%
Norway	228	234	224	231	236	242	211	238	190	-20.2%	-1.5%
Poland	568	541	582	658	680	698	661	702	728	3.7%	2.1%
Portugal	274	237	237	242	231	249	203	208	241	15.9%	-1.1%
Romania	176	194	204	217	214	228	219	232	233	0.4%	2.4%
Serbia	81	71	77	77	76	78	72	78	80	2.6%	-0.1%
Slovakia	84	79	82	90	92	86	87	93	95	2.2%	1.0%
Slovenia	55	49	52	54	57	55	46	47	52	10.6%	-0.5%
Spain	1,441	1,247	1,290	1,297	1,332	1,328	1,089	1,188	1,286	8.2%	-0.9%
Sweden	341	301	316	321	290	295	268	311	299	-3.9%	-1.1%
Switzerland	261	227	228	225	222	220	180	185	191	3.2%	-2.6%
Türkiye	675	881	942	991	958	987	921	978	1,019	4.2%	3.5%
Ukraine	293	220	244	236	243	244	215	239	168	-29.7%	-4.5%
United Kingdom	1,626	1,560	1,599	1,619	1,605	1,564	1,211	1,258	1,361	8.2%	-1.5%

^(*) Data source: IEA (2023) *Monthly Oil Data Services*. All rights reserved.

Consumption

Countries^(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Russia and Central Asia	3,424	4,213	4,086	4,259	4,269	4,310	4,176	4,444	4,568	2.8%	2.4%
Russia	2,828	3,472	3,308	3,496	3,494	3,568	3,421	3,655	3,760	2.9%	2.4%
Armenia	9	7	7	8	8	10	13	13	14	7.7%	3.8%
Azerbaijan	74	96	96	102	103	110	101	105	109	3.8%	3.3%
Georgia	22	26	32	31	29	31	29	30	32	6.7%	3.2%
Kazakhstan	233	322	349	334	326	290	314	325	331	1.8%	3.0%
Kyrgyzstan	27	36	38	32	41	30	25	32	31	-3.1%	1.2%
Tajikistan	11	22	22	21	24	26	26	30	31	3.3%	9.0%
Turkmenistan	126	151	149	150	151	152	150	148	150	1.4%	1.5%
Uzbekistan	94	81	85	85	93	93	97	106	110	3.8%	1.3%
Middle East	7,986	9,115	9,045	9,156	9,111	9,076	8,285	8,704	9,292	6.8%	1.3%
Bahrain	61	61	60	63	65	64	55	55	61	10.9%	0.0%
Iran	1,848	2,003	1,839	1,898	1,979	1,937	1,763	1,833	1,850	0.9%	0.0%
Iraq	565	606	655	689	713	754	619	707	829	17.3%	3.2%
Israel	251	217	221	238	232	235	210	219	244	11.4%	-0.2%
Jordan	102	134	110	124	111	108	88	99	105	6.1%	0.2%
Kuwait	450	448	439	438	438	415	385	419	428	2.1%	-0.4%
Lebanon	120	162	169	179	168	169	134	156	156	0.0%	2.2%
Oman	127	185	194	191	233	213	181	242	255	5.4%	6.0%
Qatar	173	287	305	337	357	358	296	306	351	14.7%	6.1%
Saudi Arabia	3,174	3,895	3,870	3,804	3,608	3,635	3,448	3,494	3,717	6.4%	1.3%
Syria	307	123	120	123	148	133	124	126	128	1.6%	-7.0%
United Arab Emirates	660	921	1,004	1,014	988	984	919	984	1,102	12.0%	4.4%
Yemen	148	73	59	58	71	71	63	64	66	3.1%	-6.5%

^(*) Data source: IEA (2023) *Monthly Oil Data Services*. All rights reserved.

Consumption

Countries^(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Africa	3,544	4,114	4,068	4,104	4,117	4,135	3,773	4,012	4,198	4.6%	1.4%
Algeria	351	447	430	425	437	446	436	451	480	6.4%	2.6%
Angola	99	154	135	119	117	127	98	118	121	2.5%	1.7%
Benin	35	36	45	45	51	50	55	54	56	3.7%	4.0%
Cameroon	34	39	39	38	40	39	37	37	39	5.4%	1.1%
Congo	12	15	14	12	12	12	11	11	12	9.1%	0.0%
Côte d'Ivoire	24	45	50	50	52	56	52	55	59	7.3%	7.8%
Dem. Rep. Congo	16	21	16	18	17	18	19	16	18	12.5%	1.0%
Egypt	763	858	829	773	716	652	619	676	773	14.3%	0.1%
Ethiopia	44	69	81	87	93	95	92	89	96	7.9%	6.7%
Gabon	19	22	23	15	15	15	14	14	15	7.1%	-2.0%
Ghana	71	85	94	92	101	103	98	105	110	4.8%	3.7%
Kenya	85	105	111	119	117	122	107	113	122	8.0%	3.1%
Libya	304	219	200	205	210	209	176	223	234	4.9%	-2.2%
Morocco	257	274	277	293	288	297	266	289	295	2.1%	1.2%
Mozambique	16	26	28	28	28	30	27	28	30	7.1%	5.4%
Nigeria	293	415	427	431	456	488	431	480	458	-4.6%	3.8%
Senegal	38	47	48	46	51	60	51	59	62	5.1%	4.2%
South Africa	587	637	607	663	648	621	533	567	578	1.9%	-0.1%
South Sudan	0	14	13	12	13	14	13	12	13	8.3%	
Sudan	114	122	137	141	141	143	132	133	135	1.5%	1.4%
Tanzania	88	102	98	104	103	103	94	93	83	-10.8%	-0.5%
Tunisia	33	52	51	53	54	64	62	64	67	4.7%	6.1%
Zambia	17	28	27	29	29	31	29	30	31	3.3%	5.1%
Zimbabwe	14	27	24	25	31	29	23	24	25	4.2%	5.0%
Others Africa	230	255	264	281	297	311	298	271	286	5.5%	1.8%

^(*) Data source: IEA (2023) *Monthly Oil Data Services*. All rights reserved.

Consumption

Countries^(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Asia - Pacific	27,546	32,236	33,034	34,247	35,425	35,869	33,886	35,934	36,099	0.5%	2.3%
Australia	1,045	1,123	1,114	1,164	1,183	1,166	999	1,020	1,079	5.8%	0.3%
Bangladesh	80	136	145	164	188	189	147	195	201	3.1%	8.0%
Brunei	16	17	15	15	17	21	24	62	63	1.6%	12.1%
China	9,031	11,639	12,013	12,574	13,581	14,080	14,196	15,419	15,001	-2.7%	4.3%
Hong Kong	415	371	384	433	438	412	287	262	219	-16.4%	-5.2%
India	3,366	4,288	4,493	4,762	4,927	4,963	4,582	4,765	5,145	8.0%	3.6%
Indonesia	1,406	1,683	1,594	1,703	1,858	1,833	1,659	1,729	1,774	2.6%	2.0%
Japan	4,402	4,169	4,036	3,945	3,852	3,764	3,361	3,415	3,369	-1.3%	-2.2%
Malaysia	586	688	709	731	712	752	667	704	785	11.5%	2.5%
Myanmar	24	74	89	141	143	148	139	121	130	7.4%	15.1%
Nepal	22	27	44	54	59	55	59	59	61	3.4%	8.9%
New Zealand	153	161	168	177	180	185	149	149	160	7.4%	0.4%
North Korea	17	18	20	18	18	19	19	18	18	0.0%	0.5%
Pakistan	400	526	577	575	462	445	427	500	487	-2.6%	1.7%
Philippines	314	401	430	461	467	478	399	445	471	5.8%	3.4%
Singapore	1,162	1,294	1,340	1,396	1,388	1,361	1,236	1,224	1,260	2.9%	0.7%
South Korea	2,269	2,473	2,603	2,627	2,564	2,596	2,448	2,578	2,582	0.2%	1.1%
Sri Lanka	88	105	136	135	127	134	110	123	79	-35.8%	-0.9%
Taiwan	1,047	1,046	1,051	1,037	1,041	987	945	990	911	-8.0%	-1.2%
Thailand	1,118	1,363	1,407	1,434	1,472	1,477	1,353	1,409	1,485	5.4%	2.4%
Vietnam	395	399	432	457	489	521	441	491	557	13.4%	2.9%
Others Asia - Pacific	190	235	234	244	259	283	239	256	262	2.3%	2.7%

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Consumption

Countries^(*)

(thousand barrels/day)

	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
Americas	30,205	31,108	31,119	31,253	31,603	31,700	27,901	30,257	31,135	2.9%	0.3%
Argentina	656	682	677	666	648	625	524	599	654	9.2%	0.0%
Bolivia	59	79	82	85	89	91	77	85	88	3.5%	3.4%
Brazil	2,779	3,193	3,006	3,045	2,979	3,082	2,866	3,006	3,067	2.0%	0.8%
Canada	2,364	2,440	2,465	2,463	2,509	2,471	2,171	2,259	2,283	1.1%	-0.3%
Chile	322	331	352	357	363	362	331	367	381	3.8%	1.4%
Colombia	266	338	372	346	349	373	323	357	375	5.0%	2.9%
Costa Rica	50	53	58	59	60	60	50	57	60	5.3%	1.5%
Cuba	182	183	168	168	167	151	152	157	157	0.0%	-1.2%
Curacao	69	78	73	66	60	54	44	53	52	-1.9%	-2.3%
Dominican Republic	123	133	142	133	145	152	118	151	160	6.0%	2.2%
Ecuador	235	268	256	253	274	270	223	255	262	2.7%	0.9%
El Salvador	45	50	50	46	51	59	46	56	58	3.6%	2.1%
Guatemala	70	89	92	93	100	109	101	109	112	2.8%	4.0%
Haiti	16	22	23	23	23	23	22	21	21	0.0%	2.3%
Honduras	46	60	57	54	49	56	50	55	56	1.8%	1.7%
Jamaica	51	52	56	53	60	61	38	56	58	3.6%	1.1%
Mexico	2,094	2,006	2,053	2,019	1,886	1,985	1,599	1,655	1,916	15.8%	-0.7%
Nicaragua	29	34	36	36	33	34	31	35	36	2.9%	1.8%
Panama	122	144	151	164	158	176	137	163	176	8.0%	3.1%
Paraguay	36	47	53	60	63	62	57	60	61	1.7%	4.5%
Peru	200	236	247	262	266	274	211	265	274	3.4%	2.7%
Trinidad and Tobago	43	46	47	44	37	31	26	27	29	7.4%	-3.2%
United States	19,391	19,687	19,827	20,042	20,595	20,583	18,348	20,034	20,430	2.0%	0.4%
Uruguay	51	52	51	49	52	54	49	53	56	5.7%	0.8%
Venezuela	788	703	623	567	484	396	214	230	217	-5.7%	-10.2%
Others Americas	118	102	102	100	103	106	93	92	96	4.3%	-1.7%

^(*) Data source: IEA (2023) *Monthly Oil Data Services*. All rights reserved.

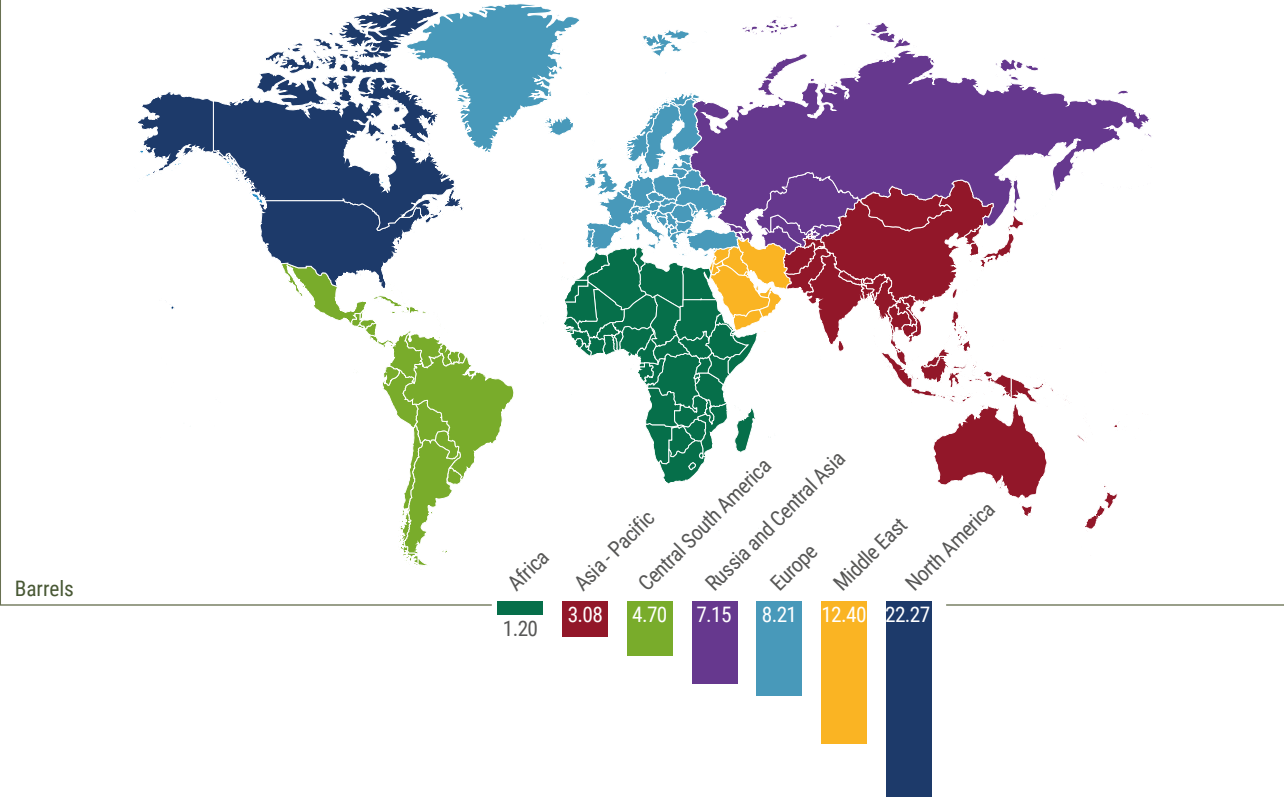
Per Capita Consumption

Areas and Aggregates^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Europe	9.28	8.56	8.65	8.84	8.76	8.75	7.61	8.04	8.21
Russia and Central Asia	5.35	6.50	6.28	6.53	6.53	6.59	6.38	6.80	7.15
Middle East	13.27	13.60	13.23	13.16	12.86	12.58	11.34	11.78	12.40
Africa	1.36	1.40	1.35	1.33	1.30	1.27	1.13	1.18	1.20
Asia - Pacific	2.61	2.90	2.94	3.03	3.10	3.12	2.92	3.08	3.08
Americas	11.89	11.66	11.55	11.50	11.53	11.48	10.04	10.83	11.08
- North America	23.10	22.59	22.58	22.63	23.07	22.88	20.27	21.97	22.27
- Central South America	5.28	5.32	5.17	5.08	4.89	4.93	4.18	4.48	4.70
World	4.66	4.74	4.72	4.77	4.78	4.76	4.29	4.54	4.61
European Union 27	10.24	9.40	9.46	9.70	9.64	9.65	8.46	8.96	9.20
MENA	9.00	9.19	8.91	8.82	8.59	8.38	7.57	7.90	8.34
OECD	13.42	12.87	12.91	12.98	12.97	12.90	11.33	12.06	12.33
NON OECD	2.66	2.95	2.93	2.99	3.02	3.02	2.79	2.95	2.99
OPEC	7.62	7.78	7.46	7.28	7.02	6.86	6.10	6.32	6.55
NON OPEC	4.47	4.54	4.54	4.60	4.63	4.62	4.16	4.41	4.47

Per Capita Consumption (2022)



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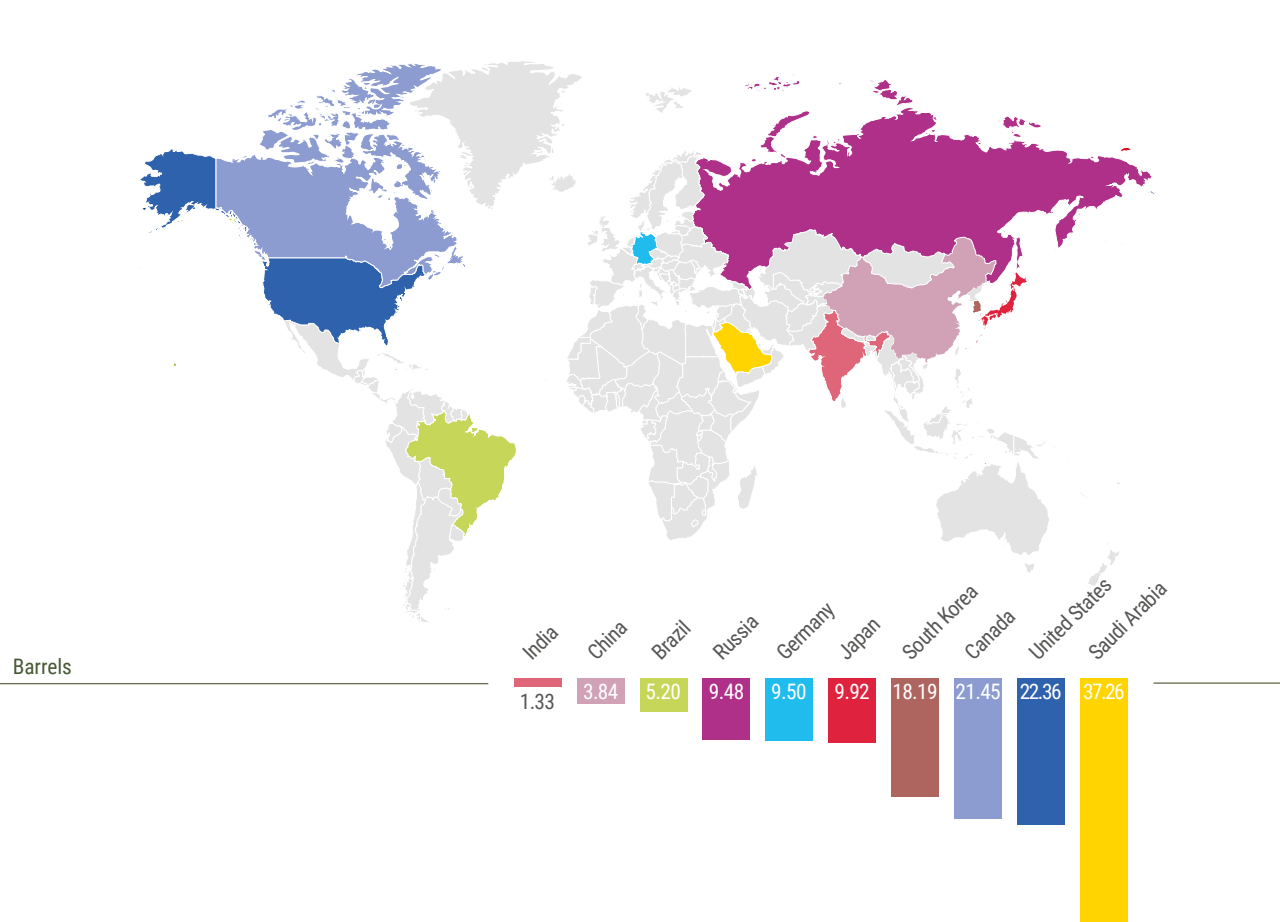
Per Capita Consumption

The World Top 10 Consumers Ranked by Per Capita Consumption^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Saudi Arabia	39.39	43.41	42.27	40.61	37.61	37.03	34.96	35.47	37.26
United States	22.85	22.33	22.32	22.40	22.88	22.74	20.20	22.01	22.36
Canada	25.41	24.96	24.96	24.63	24.75	24.03	20.87	21.58	21.45
Germany	11.07	10.53	10.56	10.82	10.25	10.34	9.41	9.30	9.50
Russia	7.21	8.76	8.32	8.77	8.76	8.94	8.57	9.19	9.48
South Korea	16.97	17.70	18.52	18.61	18.11	18.29	17.23	18.15	18.19
Brazil	5.17	5.68	5.30	5.33	5.17	5.31	4.91	5.12	5.20
Japan	12.54	11.96	11.60	11.37	11.14	10.92	9.79	10.00	9.92
India	0.99	1.18	1.23	1.28	1.31	1.31	1.20	1.24	1.33
China	2.44	3.05	3.13	3.25	3.50	3.61	3.64	3.95	3.84

The World Top 10 (2022)



^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* and IHS Global Insight data. All rights reserved.

Per Capita Consumption

Countries^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Europe	9.28	8.56	8.65	8.84	8.76	8.75	7.61	8.04	8.21
Albania	3.25	3.29	3.55	3.81	3.43	3.70	2.95	3.60	3.73
Austria	12.13	10.90	10.95	10.91	11.11	11.39	9.79	10.35	10.04
Belarus	5.66	5.23	5.15	5.15	5.68	5.51	5.57	5.79	5.55
Belgium	21.91	20.25	20.42	20.46	21.81	20.39	17.77	19.84	18.76
Bosnia Herzegovina	3.26	3.21	3.67	3.71	3.76	3.69	3.52	3.79	3.95
Bulgaria	4.13	4.82	4.90	5.04	5.18	5.42	4.99	5.24	5.39
Croatia	6.52	5.92	5.88	6.36	6.32	6.28	5.35	6.02	6.34
Cyprus	25.40	20.68	22.37	22.63	22.38	22.09	18.54	20.77	20.94
Czech Republic	7.00	6.75	6.19	7.34	7.43	7.48	6.54	7.22	7.41
Denmark	10.98	9.90	10.11	10.12	10.19	10.39	8.58	8.73	9.18
Estonia	7.40	8.05	8.04	8.30	8.28	7.71	7.70	8.26	8.28
Finland	14.56	13.79	13.95	13.85	13.90	13.82	12.48	11.80	12.52
France	10.62	9.99	9.75	9.88	9.57	9.57	8.08	8.76	8.67
Germany	11.07	10.53	10.56	10.82	10.25	10.34	9.41	9.30	9.50
Greece	12.24	9.96	10.05	10.34	10.30	10.70	8.72	9.36	10.58
Hungary	5.48	5.79	5.76	6.26	6.73	6.78	6.35	6.93	6.84
Iceland	17.20	18.74	20.66	22.31	23.79	20.23	12.94	13.80	18.60
Ireland	13.23	11.42	11.76	11.78	12.00	11.85	9.96	10.32	10.97
Italy	9.42	7.72	7.51	7.57	7.75	7.67	6.33	7.30	7.56
Kosovo	2.26	2.84	2.88	3.07	3.06	3.25	3.04	3.03	3.22
Latvia	6.43	6.78	7.03	7.10	6.60	7.62	6.73	7.21	7.30
Lithuania	6.51	7.02	7.71	8.04	8.63	8.71	8.28	8.64	8.76
Luxembourg	43.19	35.90	35.04	36.12	37.83	37.68	30.69	30.83	27.62
Malta	40.97	34.38	35.12	38.82	38.61	39.14	35.41	36.73	38.33
Moldova	2.16	2.31	2.46	2.63	2.81	2.85	2.76	2.95	3.00
Montenegro	4.12	3.52	4.11	4.69	4.69	5.28	4.11	4.72	4.69
Netherlands	21.64	19.96	19.93	20.00	19.62	19.00	18.03	17.73	18.31
North Macedonia	3.14	3.46	3.81	3.63	3.63	3.80	3.63	3.64	3.49
Norway	17.02	16.46	15.61	15.98	16.22	16.52	14.32	16.08	12.76
Poland	5.41	5.19	5.59	6.33	6.55	6.72	6.37	6.78	7.04
Portugal	9.45	8.35	8.37	8.57	8.19	8.83	7.19	7.38	8.56
Romania	3.14	3.55	3.76	4.03	4.00	4.30	4.16	4.43	4.47
Serbia	4.05	3.65	3.98	4.00	3.97	4.10	3.81	4.17	4.29
Slovakia	5.67	5.30	5.50	6.03	6.16	5.75	5.82	6.22	6.35
Slovenia	9.76	8.59	9.08	9.39	9.88	9.50	7.93	8.09	8.95
Spain	11.29	9.80	10.13	10.16	10.39	10.28	8.39	9.13	9.87
Sweden	13.27	11.15	11.59	11.65	10.42	10.49	9.43	10.84	10.35
Switzerland	12.18	10.00	9.94	9.72	9.52	9.36	7.61	7.77	7.98
Türkiye	3.37	4.04	4.24	4.41	4.22	4.32	4.00	4.21	4.36
Ukraine	2.34	1.79	1.99	1.93	2.00	2.01	1.79	2.00	1.60
United Kingdom	9.46	8.73	8.89	8.94	8.82	8.55	6.59	6.82	7.36

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Per Capita Consumption

Countries^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Russia and Central Asia	5.35	6.50	6.28	6.53	6.53	6.59	6.38	6.80	7.15
Russia	7.21	8.76	8.32	8.77	8.76	8.94	8.57	9.19	9.48
Armenia	1.11	0.89	0.89	1.02	1.03	1.29	1.69	1.70	1.84
Azerbaijan	2.92	3.55	3.51	3.70	3.70	3.92	3.58	3.72	3.84
Georgia	2.09	2.52	3.10	3.00	2.81	3.00	2.81	2.91	3.12
Kazakhstan	5.11	6.59	7.05	6.66	6.42	5.64	6.04	6.18	6.23
Kyrgyzstan	1.80	2.22	2.30	1.91	2.40	1.73	1.42	1.79	1.71
Tajikistan	0.53	0.94	0.92	0.86	0.96	1.02	0.99	1.12	1.14
Turkmenistan	8.73	9.56	9.27	9.17	9.09	9.01	8.76	8.52	8.51
Uzbekistan	1.20	0.96	0.99	0.97	1.05	1.03	1.06	1.14	1.16
	2010	2015	2016	2017	2018	2019	2020	2021	2022
Middle East	13.27	13.60	13.23	13.16	12.86	12.58	11.34	11.78	12.40
Bahrain	18.35	16.35	15.54	15.78	15.95	15.63	13.59	13.72	15.12
Iran	8.95	8.94	8.06	8.20	8.44	8.17	7.37	7.61	7.63
Iraq	6.60	5.86	6.18	6.35	6.41	6.62	5.31	5.93	6.80
Israel	12.50	9.89	9.89	10.45	10.01	9.96	8.75	8.98	9.85
Jordan	5.37	5.15	4.03	4.43	3.87	3.68	2.94	3.24	3.40
Kuwait	55.80	41.83	39.58	38.76	37.03	34.11	32.23	35.98	36.60
Lebanon	8.77	9.24	9.86	10.69	10.30	10.67	8.64	10.18	10.37
Oman	16.08	16.11	16.10	15.35	18.48	16.89	14.54	19.54	20.34
Qatar	36.85	43.38	42.90	45.36	47.10	46.55	39.14	41.55	47.54
Saudi Arabia	39.39	43.41	42.27	40.61	37.61	37.03	34.96	35.47	37.26
Syria	5.02	2.34	2.31	2.36	2.79	2.42	2.18	2.16	2.11
United Arab Emirates	28.40	37.70	40.74	40.81	39.45	38.99	36.12	38.35	42.60
Yemen	2.18	0.93	0.74	0.70	0.84	0.82	0.71	0.71	0.71

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Per Capita Consumption

Countries^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Africa	1.36	1.40	1.35	1.33	1.30	1.27	1.13	1.18	1.20
Algeria	3.57	4.13	3.89	3.77	3.80	3.81	3.66	3.73	3.90
Angola	1.55	2.00	1.69	1.44	1.37	1.43	1.07	1.25	1.24
Benin	1.35	1.20	1.46	1.42	1.56	1.48	1.59	1.52	1.53
Cameroon	0.62	0.62	0.60	0.57	0.58	0.55	0.51	0.50	0.51
Congo	0.99	1.08	0.99	0.82	0.80	0.79	0.70	0.69	0.73
Côte d'Ivoire	0.41	0.70	0.75	0.73	0.74	0.78	0.71	0.73	0.76
Dem. Rep. Congo	0.09	0.10	0.07	0.08	0.07	0.07	0.07	0.06	0.07
Egypt	3.19	3.20	3.03	2.77	2.52	2.25	2.10	2.26	2.54
Ethiopia	0.18	0.25	0.28	0.29	0.31	0.30	0.29	0.27	0.28
Gabon	4.05	3.96	4.02	2.56	2.50	2.44	2.23	2.18	2.29
Ghana	1.01	1.07	1.16	1.11	1.19	1.19	1.11	1.17	1.20
Kenya	0.75	0.82	0.85	0.89	0.85	0.87	0.75	0.78	0.82
Libya	17.09	12.91	11.62	11.73	11.83	11.61	9.65	12.08	12.54
Morocco	2.89	2.88	2.88	3.01	2.93	2.99	2.65	2.85	2.87
Mozambique	0.25	0.35	0.37	0.36	0.35	0.36	0.32	0.32	0.33
Nigeria	0.66	0.82	0.83	0.81	0.84	0.88	0.76	0.82	0.76
Senegal	1.11	1.19	1.19	1.11	1.20	1.37	1.13	1.28	1.31
South Africa	4.14	4.16	3.93	4.27	4.12	3.90	3.31	3.48	3.52
South Sudan	0.00	0.46	0.43	0.41	0.46	0.49	0.45	0.41	0.43
Sudan	0.96	1.15	1.26	1.27	1.24	1.23	1.11	1.10	1.09
Tanzania	0.71	0.71	0.66	0.67	0.65	0.63	0.56	0.53	0.46
Tunisia	2.95	3.22	3.06	3.21	3.15	3.12	2.82	2.77	2.45
Zambia	0.45	0.63	0.59	0.61	0.59	0.62	0.56	0.56	0.57
Zimbabwe	0.40	0.70	0.61	0.62	0.75	0.69	0.54	0.55	0.56

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Per Capita Consumption

Countries^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Asia - Pacific	2.61	2.90	2.94	3.03	3.10	3.12	2.92	3.08	3.08
Australia	17.32	17.21	16.81	17.28	17.29	16.78	14.20	14.36	15.04
Bangladesh	0.20	0.31	0.33	0.37	0.42	0.42	0.32	0.42	0.43
Brunei	14.75	14.72	12.85	12.72	14.29	17.50	19.83	50.81	51.21
China	2.44	3.05	3.13	3.25	3.50	3.61	3.64	3.95	3.84
Hong Kong	21.24	18.30	18.85	21.18	21.37	20.06	13.97	12.76	10.67
India	0.99	1.18	1.23	1.28	1.31	1.31	1.20	1.24	1.33
Indonesia	2.10	2.37	2.22	2.35	2.54	2.48	2.23	2.31	2.35
Japan	12.54	11.96	11.60	11.37	11.14	10.92	9.79	10.00	9.92
Malaysia	7.45	8.08	8.21	8.34	8.02	8.37	7.33	7.65	8.44
Myanmar	0.18	0.52	0.63	0.98	0.99	1.02	0.95	0.82	0.88
Nepal	0.30	0.36	0.58	0.70	0.76	0.70	0.73	0.72	0.73
New Zealand	12.85	12.80	13.14	13.61	13.58	13.62	10.75	10.60	11.26
North Korea	0.25	0.26	0.29	0.26	0.26	0.27	0.27	0.25	0.25
Pakistan	0.75	0.91	0.99	0.97	0.77	0.73	0.69	0.79	0.75
Philippines	1.21	1.42	1.50	1.58	1.57	1.58	1.30	1.43	1.49
Singapore	82.14	83.59	85.63	88.39	87.13	84.68	76.34	75.20	76.96
South Korea	16.97	17.70	18.52	18.61	18.11	18.29	17.23	18.15	18.19
Sri Lanka	1.55	1.80	2.32	2.29	2.15	2.26	1.85	2.06	1.32
Taiwan	16.56	16.24	16.26	15.99	16.01	15.15	14.48	15.14	13.92
Thailand	5.98	7.08	7.27	7.38	7.55	7.56	6.91	7.18	7.56
Vietnam	1.65	1.58	1.69	1.77	1.88	1.99	1.67	1.84	2.07

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Per Capita Consumption

Countries^(*)

(barrels)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Americas	11.89	11.66	11.55	11.50	11.53	11.48	10.04	10.83	11.08
Argentina	5.83	5.75	5.66	5.52	5.33	5.10	4.25	4.83	5.25
Bolivia	2.11	2.60	2.66	2.71	2.80	2.82	2.35	2.57	2.63
Brazil	5.17	5.68	5.30	5.33	5.17	5.31	4.91	5.12	5.20
Canada	25.41	24.96	24.96	24.63	24.75	24.03	20.87	21.58	21.45
Chile	6.91	6.76	7.10	7.09	7.08	6.94	6.26	6.87	7.09
Colombia	2.17	2.62	2.85	2.61	2.59	2.71	2.31	2.53	2.64
Costa Rica	3.95	3.95	4.28	4.31	4.34	4.31	3.56	4.04	4.23
Cuba	5.88	5.89	5.41	5.41	5.38	4.87	4.91	5.09	5.11
Curacao	158.02	167.89	156.06	140.45	118.56	102.07	84.84	101.63	99.29
Dominican Republic	4.59	4.67	4.92	4.56	4.92	5.10	3.92	4.96	5.20
Ecuador	5.72	6.04	5.68	5.53	5.88	5.68	4.63	5.23	5.31
El Salvador	2.69	2.93	2.92	2.68	2.97	3.43	2.67	3.24	3.34
Guatemala	1.76	2.03	2.06	2.05	2.17	2.33	2.12	2.26	2.29
Haiti	0.59	0.76	0.78	0.77	0.76	0.75	0.71	0.67	0.66
Honduras	1.99	2.36	2.20	2.05	1.83	2.05	1.80	1.95	1.96
Jamaica	6.81	6.79	7.29	6.89	7.79	7.91	4.92	7.23	7.49
Mexico	6.79	6.09	6.17	6.00	5.55	5.79	4.63	4.77	5.48
Nicaragua	1.81	1.97	2.06	2.03	1.83	1.86	1.67	1.86	1.89
Panama	12.29	13.28	13.69	14.61	13.85	15.18	11.64	13.67	14.57
Paraguay	2.28	2.78	3.09	3.45	3.57	3.47	3.14	3.27	3.28
Peru	2.50	2.80	2.90	3.03	3.01	3.05	2.31	2.87	2.94
Trinidad and Tobago	11.13	11.50	11.68	10.86	8.98	7.44	6.25	6.46	6.91
United States	22.85	22.33	22.32	22.40	22.88	22.74	20.20	22.01	22.36
Uruguay	5.55	5.58	5.45	5.23	5.54	5.75	5.22	5.65	5.97
Venezuela	10.02	8.40	7.40	6.77	5.92	4.99	2.74	2.98	2.80

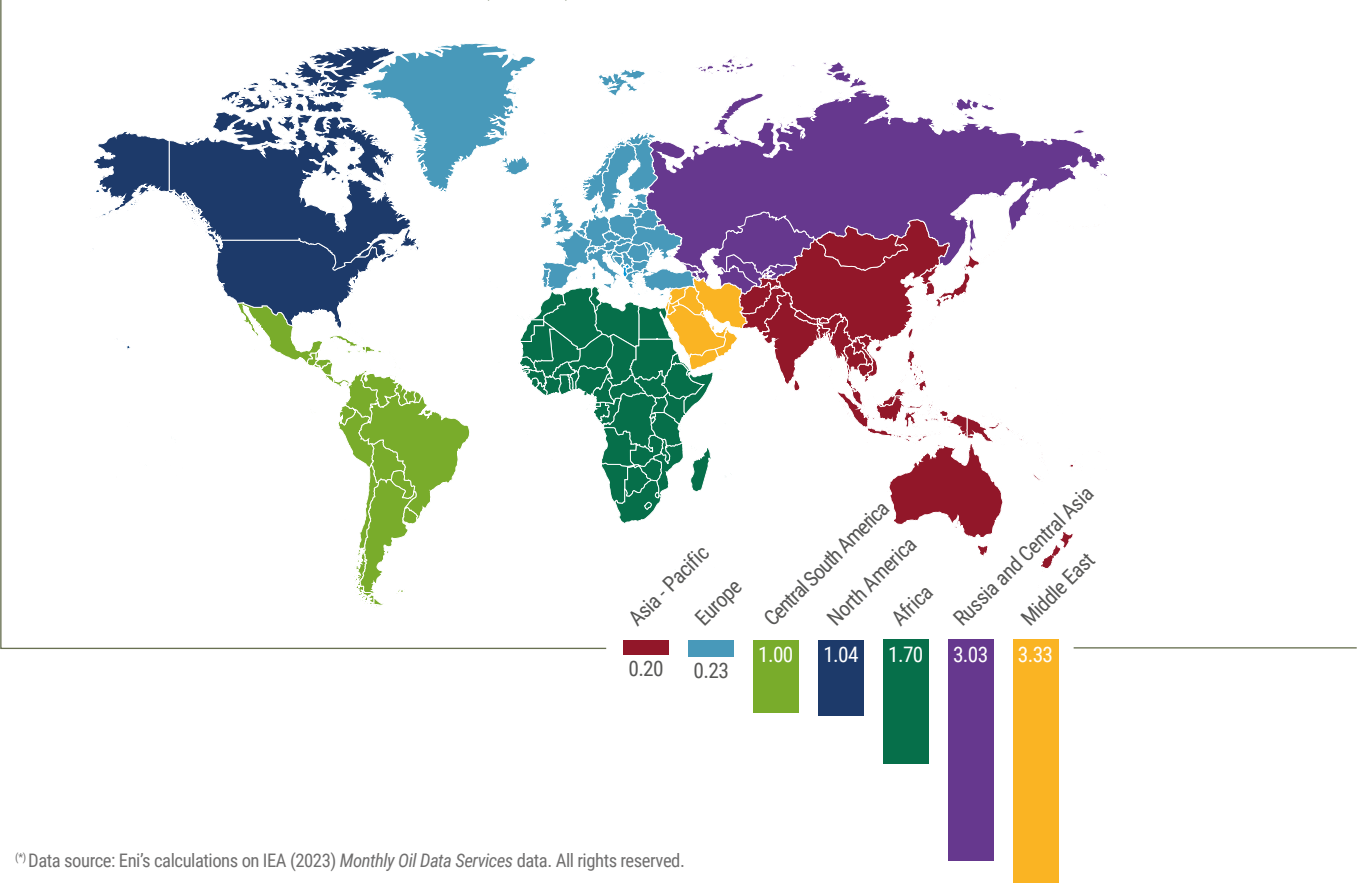
^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* and IHS Global Insight data. All rights reserved.

Production/Consumption Ratio

Areas and Aggregates^(*)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Europe	0.28	0.25	0.25	0.24	0.24	0.23	0.28	0.25	0.23
Russia and Central Asia	3.92	3.31	3.46	3.34	3.39	3.38	3.21	3.08	3.03
Middle East	3.18	3.26	3.47	3.38	3.46	3.31	3.33	3.21	3.33
Africa	2.89	2.02	1.92	2.00	2.02	2.04	1.87	1.85	1.70
Asia - Pacific	0.30	0.26	0.24	0.23	0.22	0.21	0.22	0.21	0.20
Americas	0.71	0.89	0.87	0.89	0.93	0.98	1.07	1.00	1.03
- North America	0.51	0.79	0.76	0.81	0.90	0.99	1.07	1.00	1.04
- Central South America	1.22	1.16	1.13	1.09	1.03	0.95	1.06	0.99	1.00
World	0.94	0.96	0.95	0.94	0.95	0.95	0.97	0.92	0.95
European Union 27	0.06	0.05	0.05	0.05	0.05	0.04	0.05	0.04	0.04
MENA	3.05	2.97	3.16	3.13	3.22	3.11	3.06	3.00	3.07
OECD	0.41	0.53	0.51	0.53	0.57	0.61	0.68	0.64	0.65
NON OECD	1.54	1.37	1.38	1.33	1.30	1.25	1.23	1.17	1.21
OPEC	3.89	3.66	3.84	3.83	3.89	3.71	3.62	3.52	3.63
NON OPEC	0.62	0.65	0.63	0.63	0.64	0.66	0.70	0.66	0.67

Production/Consumption Ratio (2022)



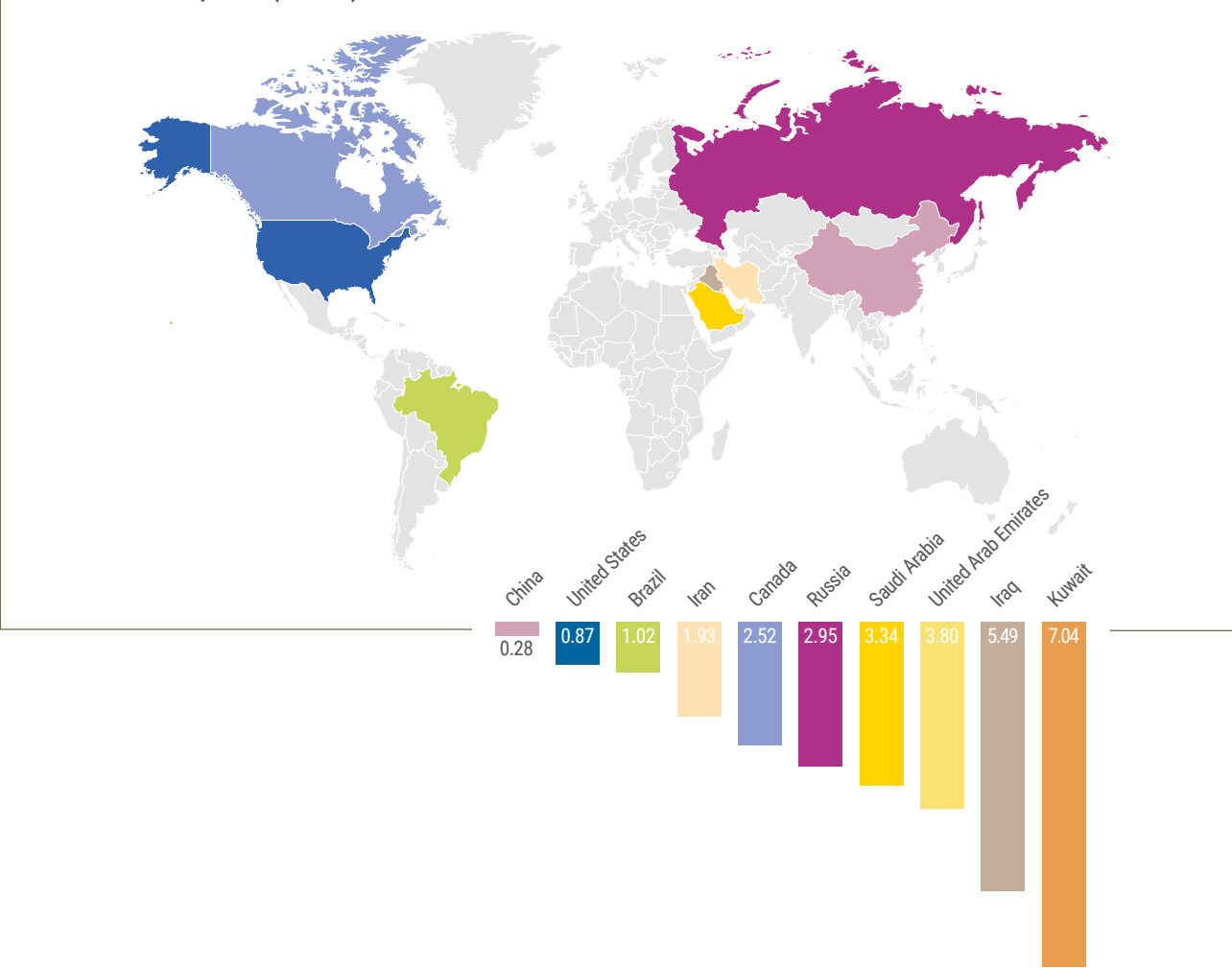
^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Production/Consumption Ratio

The World Top 10 Producers Ranked by Production/Consumption Ratio^(*)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Kuwait	5.55	6.91	7.27	6.88	6.96	7.20	7.06	6.49	7.04
Iraq	4.30	6.73	6.88	6.62	6.54	6.38	6.70	5.84	5.49
United Arab Emirates	4.29	4.08	3.83	3.69	3.85	4.07	4.02	3.66	3.80
Saudi Arabia	3.14	3.09	3.19	3.12	3.42	3.28	3.22	3.14	3.34
Russia	3.67	3.19	3.42	3.24	3.29	3.25	3.10	2.97	2.95
Canada	1.46	1.86	1.87	2.03	2.16	2.27	2.46	2.48	2.52
Iran	2.28	1.78	2.39	2.49	2.30	1.70	1.67	1.87	1.93
Brazil	0.77	0.80	0.87	0.90	0.91	0.94	1.06	1.00	1.02
United States	0.39	0.65	0.63	0.66	0.75	0.84	0.90	0.84	0.87
China	0.45	0.37	0.33	0.31	0.28	0.28	0.28	0.26	0.28

The World Top 10 (2022)



^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Production/Consumption Ratio

Countries^(*)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Europe	0.28	0.25	0.25	0.24	0.24	0.23	0.28	0.25	0.23
Albania	0.50	0.88	0.68	0.57	0.59	0.62	0.75	0.57	0.52
Austria	0.08	0.07	0.06	0.05	0.05	0.05	0.05	0.04	0.04
Belarus	0.23	0.24	0.24	0.23	0.22	0.23	0.23	0.22	0.22
Bulgaria	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Croatia	0.23	0.20	0.22	0.20	0.21	0.20	0.21	0.18	0.17
Czech Republic	0.03	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.02
Denmark	1.53	1.03	0.90	0.88	0.73	0.63	0.54	0.49	0.46
Estonia	0.38	0.55	0.49	0.61	0.72	0.81	0.82	0.73	0.71
France	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.02
Germany	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03
Greece	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00
Hungary	0.17	0.12	0.14	0.13	0.13	0.13	0.12	0.12	0.12
Italy	0.06	0.10	0.08	0.08	0.09	0.07	0.11	0.09	0.08
Netherlands	0.03	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.01
Norway	9.38	8.32	8.90	8.52	7.84	7.27	9.67	8.61	9.99
Poland	0.04	0.05	0.04	0.04	0.05	0.04	0.04	0.04	0.03
Romania	0.50	0.42	0.38	0.34	0.34	0.32	0.32	0.30	0.27
Serbia	0.21	0.28	0.23	0.23	0.22	0.22	0.23	0.19	0.18
Slovakia	0.04	0.06	0.05	0.07	0.04	0.04	0.04	0.04	0.05
Spain	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Türkiye	0.07	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07
Ukraine	0.27	0.25	0.21	0.21	0.21	0.23	0.25	0.23	0.07
United Kingdom	0.84	0.62	0.64	0.62	0.70	0.74	0.89	0.70	0.61
	2010	2015	2016	2017	2018	2019	2020	2021	2022
Russia and Central Asia	3.92	3.31	3.46	3.34	3.39	3.38	3.21	3.08	3.03
Russia	3.67	3.19	3.42	3.24	3.29	3.25	3.10	2.97	2.95
Azerbaijan	14.08	8.85	8.63	7.69	7.70	6.96	6.92	6.70	6.17
Georgia	0.04	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Kazakhstan	7.27	5.26	4.78	5.53	5.94	6.70	5.85	5.68	5.50
Kyrgyzstan	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.02	0.02
Tajikistan	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.01
Turkmenistan	1.67	1.78	1.66	1.55	1.45	1.47	1.52	1.51	1.47
Uzbekistan	0.80	0.64	0.56	0.54	0.46	0.43	0.39	0.34	0.46

^(*) Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* data. All rights reserved.

Production/Consumption Ratio

Countries^(*)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Middle East	3.18	3.26	3.47	3.38	3.46	3.31	3.33	3.21	3.33
Bahrain	3.14	3.49	3.54	3.33	3.20	3.25	3.30	3.37	3.26
Iran	2.28	1.78	2.39	2.49	2.30	1.70	1.67	1.87	1.93
Iraq	4.30	6.73	6.88	6.62	6.54	6.38	6.70	5.84	5.49
Kuwait	5.55	6.91	7.27	6.88	6.96	7.20	7.06	6.49	7.04
Oman	6.86	5.34	5.22	5.12	4.23	4.59	5.29	4.04	4.20
Qatar	9.64	6.47	6.09	5.30	5.04	4.82	5.98	5.95	5.23
Saudi Arabia	3.14	3.09	3.19	3.12	3.42	3.28	3.22	3.14	3.34
Syria	1.25	0.22	0.21	0.20	0.16	0.25	0.35	0.35	0.33
United Arab Emirates	4.29	4.08	3.83	3.69	3.85	4.07	4.02	3.66	3.80
Yemen	2.07	0.44	0.28	0.76	0.94	0.94	0.96	0.86	0.80
	2010	2015	2016	2017	2018	2019	2020	2021	2022
Africa	2.89	2.02	1.92	2.00	2.02	2.04	1.87	1.85	1.70
Algeria	4.90	3.56	3.73	3.60	3.46	3.34	3.09	3.02	3.06
Angola	18.19	11.66	12.91	14.30	13.19	11.41	13.55	9.98	9.86
Cameroon	1.88	2.38	2.35	1.99	1.72	1.83	1.98	1.83	1.57
Congo	26.07	15.61	15.52	22.16	27.55	28.28	27.58	25.02	22.39
Côte d'Ivoire	1.63	0.58	0.64	0.80	0.63	0.65	0.54	0.50	0.45
Dem. Rep. Congo	1.38	1.00	1.19	1.33	1.35	1.28	1.17	1.33	1.12
Egypt	0.92	0.81	0.80	0.83	0.91	0.97	1.00	0.88	0.78
Gabon	13.11	10.44	9.87	13.36	12.66	14.17	14.16	12.97	12.56
Ghana	0.10	1.24	0.97	1.71	1.75	2.00	2.00	1.62	1.53
Libya	5.47	2.00	2.13	4.28	4.90	5.54	2.18	5.49	4.61
Nigeria	8.65	5.41	4.52	4.61	4.45	4.35	4.36	3.50	3.24
South Africa	0.24	0.17	0.17	0.16	0.16	0.17	0.16	0.16	0.14
South Sudan		10.55	10.51	12.27	11.10	12.25	12.66	12.71	10.85
Sudan	4.08	0.86	0.59	0.48	0.51	0.49	0.46	0.46	0.44
Tunisia	2.54	1.06	1.04	0.86	0.80	0.62	0.59	0.59	0.53

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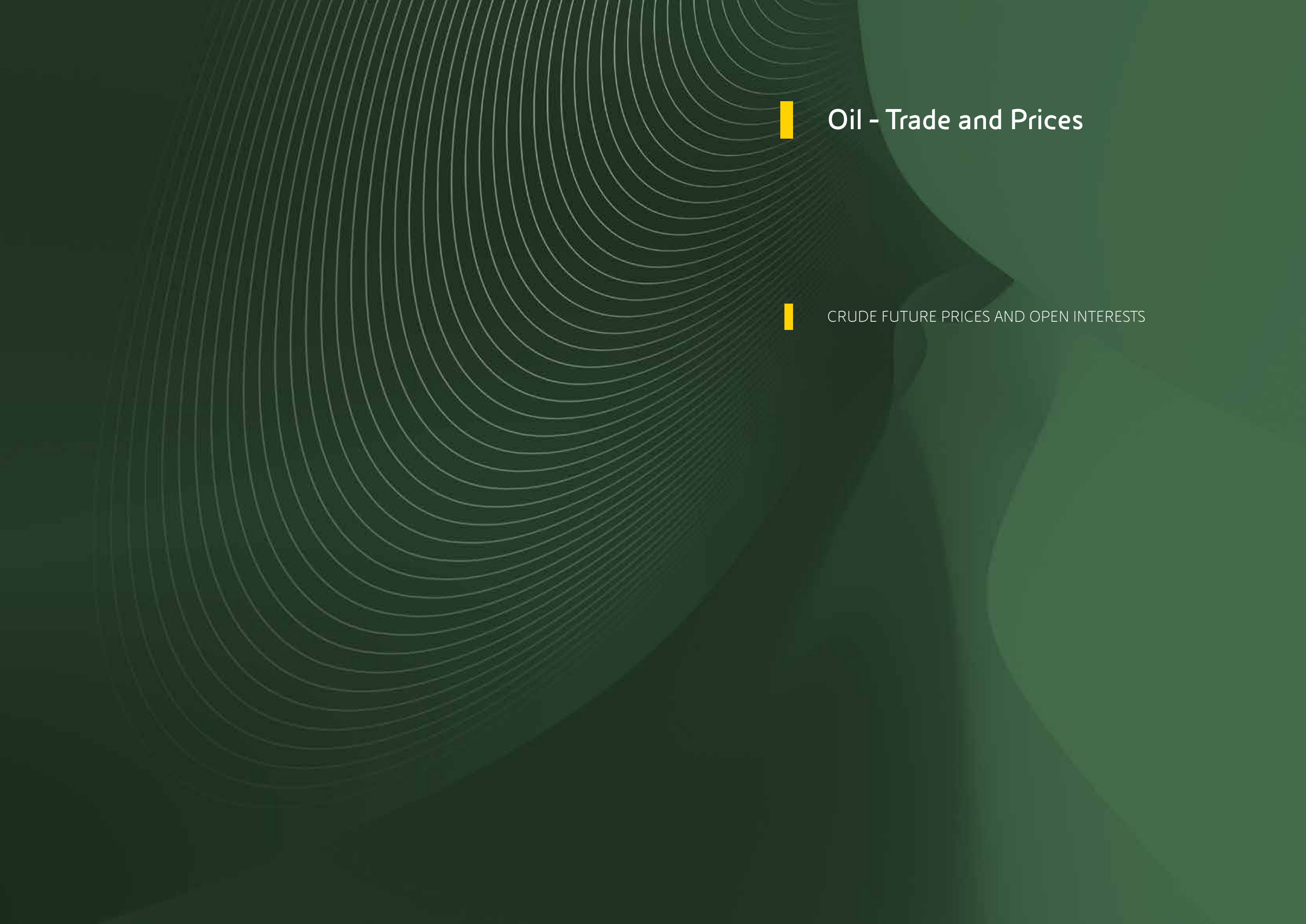
Production/Consumption Ratio

Countries^(*)

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Asia - Pacific	0.30	0.26	0.24	0.23	0.22	0.21	0.22	0.21	0.20
Australia	0.53	0.33	0.31	0.27	0.29	0.39	0.46	0.44	0.38
Bangladesh	0.09	0.06	0.08	0.07	0.06	0.06	0.07	0.05	0.05
Brunei	10.57	7.46	8.06	7.54	6.56	5.76	4.59	1.74	1.47
China	0.45	0.37	0.33	0.31	0.28	0.28	0.28	0.26	0.28
India	0.26	0.20	0.19	0.18	0.17	0.16	0.16	0.15	0.14
Indonesia	0.70	0.49	0.54	0.48	0.43	0.42	0.44	0.39	0.36
Malaysia	1.22	1.02	1.04	1.00	1.02	0.89	0.91	0.80	0.72
Myanmar	0.75	0.15	0.12	0.08	0.06	0.05	0.06	0.06	0.06
New Zealand	0.39	0.30	0.24	0.21	0.17	0.16	0.18	0.16	0.13
Pakistan	0.18	0.19	0.18	0.18	0.23	0.23	0.24	0.20	0.20
Philippines	0.06	0.04	0.03	0.03	0.03	0.02	0.03	0.02	0.02
South Korea	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Thailand	0.34	0.33	0.33	0.32	0.30	0.30	0.30	0.27	0.23
Vietnam	0.78	0.91	0.72	0.61	0.52	0.45	0.46	0.39	0.34

	2010	2015	2016	2017	2018	2019	2020	2021	2022
Americas	0.71	0.89	0.87	0.89	0.93	0.98	1.07	1.00	1.03
Argentina	1.12	0.95	0.92	0.89	0.96	1.04	1.16	1.07	1.09
Bolivia	0.94	0.99	0.95	0.90	0.81	0.74	0.83	0.75	0.68
Brazil	0.77	0.80	0.87	0.90	0.91	0.94	1.06	1.00	1.02
Canada	1.46	1.86	1.87	2.03	2.16	2.27	2.46	2.48	2.52
Chile	0.04	0.02	0.01	0.02	0.02	0.03	0.03	0.02	0.03
Colombia	2.96	3.00	2.44	2.49	2.50	2.39	2.44	2.08	2.03
Cuba	0.30	0.29	0.29	0.29	0.28	0.28	0.27	0.24	0.23
Ecuador	2.00	2.04	2.17	2.12	1.91	1.98	2.17	1.87	1.78
Guatemala	0.16	0.11	0.09	0.10	0.09	0.08	0.08	0.07	0.06
Mexico	1.41	1.29	1.20	1.10	1.10	0.97	1.20	1.18	1.05
Peru	0.78	0.63	0.54	0.51	0.50	0.51	0.59	0.46	0.43
Trinidad and Tobago	3.45	2.36	2.06	2.24	2.36	2.65	2.92	2.84	2.66
United States	0.39	0.65	0.63	0.66	0.75	0.84	0.90	0.84	0.87
Venezuela	3.52	3.79	3.90	3.76	3.17	2.48	2.74	2.87	3.51

^(*)Data source: Eni's calculations on IEA (2023) *Monthly Oil Data Services* data. All rights reserved.



Oil - Trade and Prices

CRUDE FUTURE PRICES AND OPEN INTERESTS

Crude Future Prices and Open Interests^(*)

Crude Future Prices

(US\$/barrel)	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
ICE Brent	80.3	53.6	45.1	54.7	71.7	64.2	43.2	70.9	99.0	39.6%	1.8%
CME WTI	79.6	48.8	43.5	50.9	64.9	57.0	39.3	68.1	94.3	38.5%	1.4%

Total Open Interests

(no. contracts - daily totals)	2010	2015	2016	2017	2018	2019	2020	2021	2022	Δ y/y (2022-2021)	CAGR (2022-2010)
ICE Brent	813,445	1,922,243	2,195,065	2,401,096	2,369,529	2,379,096	2,544,098	2,418,589	1,934,904	-20.0%	7.5%
CME WTI	1,341,531	1,679,710	1,818,925	2,282,425	2,378,026	2,077,109	2,126,738	2,265,907	1,677,461	-26.0%	1.9%



^(*) Data source: ICE London and CME New York.



Oil - Refining Industry

REFINING CAPACITY
Areas and Aggregates

Refining Capacity

Areas and Aggregates^(*)

2005	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbbbl/d)	Conversion Capacity (FCC eqv.) (mmtons)	Complexity Ratio	
					FCC eqv. (%)	NCI
Europe	137	873	17,476	280	34%	8.7
Russia and Central Asia	61	370	7,438	63	17%	6.7
Middle East	47	361	7,319	61	17%	5.5
Africa	46	158	3,152	27	17%	5.6
Asia - Pacific	260	1,236	24,765	536	43%	7.3
Americas	253	1,358	27,174	862	63%	10.0
- North America	175	1,034	20,686	716	69%	11.2
- Central South America	78	324	6,488	146	45%	7.2
World	804	4,355	87,324	1,828	43%	8.2

2010	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbbbl/d)	Conversion Capacity (FCC eqv.) (mmtons)	Complexity Ratio	
					FCC eqv. (%)	NCI
Europe	128	840	16,812	290	37%	8.9
Russia and Central Asia	66	378	7,612	66	18%	6.9
Middle East	58	393	8,003	79	20%	6.0
Africa	46	159	3,189	28	17%	5.7
Asia - Pacific	298	1,485	29,792	783	53%	8.2
Americas	242	1,353	27,087	881	65%	10.6
- North America	167	1,034	20,688	729	70%	11.6
- Central South America	75	319	6,399	152	47%	7.4
World	838	4,609	92,495	2,127	47%	8.7

Refining Capacity

Areas and Aggregates^(*)

2015	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbbbl/d)	Conversion Capacity (FCC eqv.) (mmtons)	Complexity Ratio	
					FCC eqv. (%)	NCI
Europe	113	772	15,443	293	41%	9.2
Russia and Central Asia	70	414	8,350	79	19%	7.0
Middle East	58	441	8,950	118	27%	6.8
Africa	48	159	3,195	32	20%	6.1
Asia - Pacific	323	1,715	34,424	1,021	59%	9.0
Americas	239	1,366	27,350	922	67%	10.9
- North America	164	1,070	21,417	777	73%	11.8
- Central South America	75	296	5,933	145	49%	7.7
World	851	4,867	97,712	2,464	51%	9.1

2022	Refineries (no.)	Primary Capacity (mmtons)	Primary Capacity (kbbbl/d)	Conversion Capacity (FCC eqv.) (mmtons)	Complexity Ratio	
					FCC eqv. (%)	NCI
Europe	105	742	14,849	315	45%	9.4
Russia and Central Asia	72	435	8,760	140	32%	8.2
Middle East	65	544	11,122	159	29%	7.6
Africa	52	147	2,947	35	24%	6.3
Asia - Pacific	300	1,869	37,563	1,247	67%	10.2
Americas	227	1,351	27,079	904	67%	10.8
- North America	155	1,047	20,972	743	71%	11.7
- Central South America	72	305	6,107	161	53%	7.8
World	821	5,088	102,320	2,799	55%	9.7

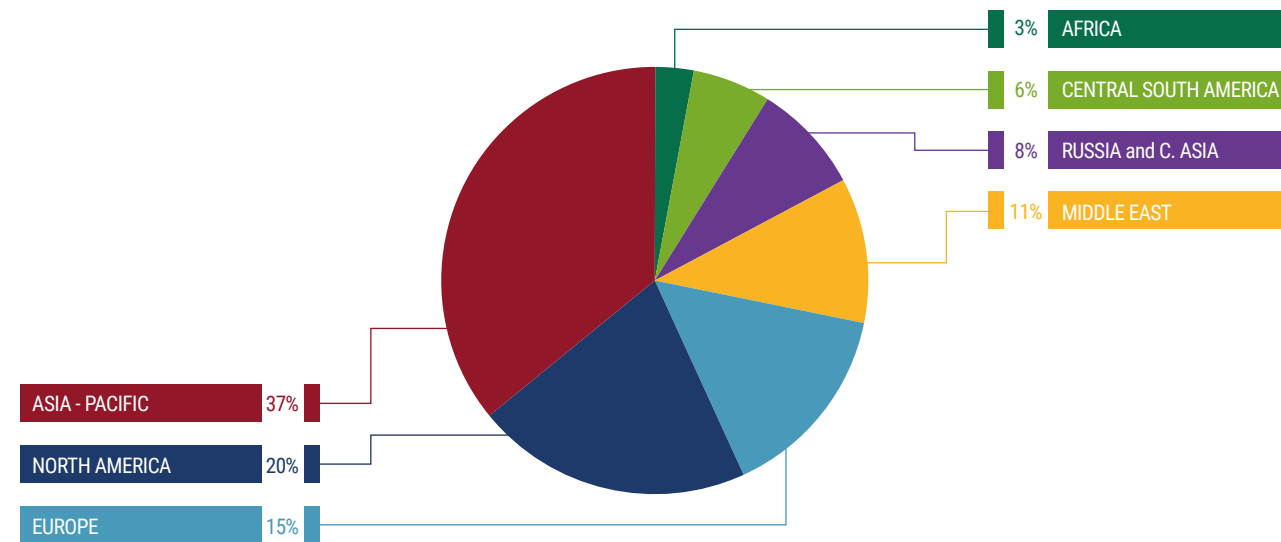
^(*) Data source: Eni's calculations on Icis Consulting data.

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Refining Capacity

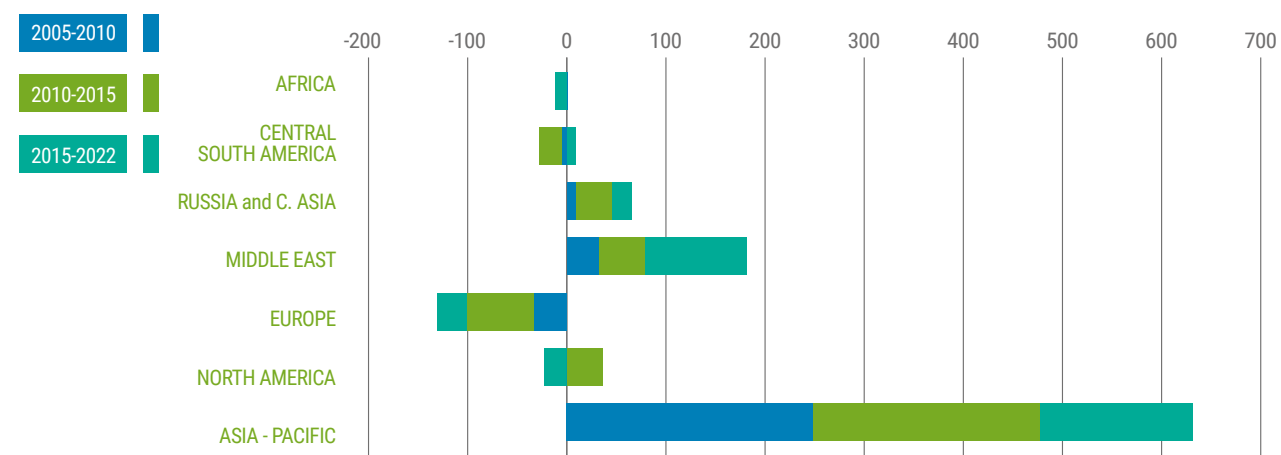
World Primary Capacity (2022)

5,088 million tons



World Primary Capacity Growth (2005-2022)

732 million tons



Refining Capacity

2022 Complexity ratio (FCC eqv.%)

