

Oil Market Report

Annual Statistical Supplement 2020

(with 2019 data)

This Statistical Supplement has been prepared to provide a longer historical perspective for the oil demand, supply, trade, stocks, prices and refining data than is normally included in the *Oil Market Report (OMR)*. Readers requiring further details on individual countries are referred to the following IEA publications, for OECD countries: *Oil Information*, and for Non-OECD countries: *Energy Statistics of Non-OECD Countries* and *Energy Balances of Non-OECD Countries*. Quarterly data are available in *Oil, Gas, Coal and Electricity Quarterly Statistics and Energy Prices and Taxes*. Data in this supplement reflect the most current available information at the point of publication for years up to and including 2019. However, since data revisions are received every month, data published in future OMRs, and in the *Monthly Oil Data Service (MODS)*, will differ.

The *Annual Statistical Supplement* is produced in PDF format while the *Glossary and User's Guide* is available on line at our web site <https://www.iea.org/oilmarketreport>. Fully interactive, the online Glossary and User Guide allows the reader to search, sort and print detailed information on data sources, definitions, technical terms and the underlying methodology used in preparing the *OMR* and *Market Report Series_Oil*.



The IEA Monthly Oil Data Service

A unique source of official statistical data and the most comprehensive and up-to-date Information available on the global oil market



The IEA *Monthly Oil Data Service (MODS)* provides a detailed database of historical and projected information used in preparing the IEA *Oil Market Report (OMR)*. This service comprises **three packages**, available separately or combined, on a subscription basis via the MODS page (www.iea.org/monthly-oil-data-service). The MODS service is updated with the most recently available data on the day of official release of the *OMR*.

A dynamic software package is included allowing user-friendly access and manipulation of the data tables. Alternatively, data text files are made available to facilitate the direct importing of tables into other database software. Unless otherwise stated, each package includes historical data back to January 1984.

Packages include:

1. Supply, Demand, Balances and Stocks:

- **Supply:** monthly, quarterly and annual supply for crude, NGL and non-conventional oils in individual OECD and non-OECD countries with aggregates shown for the OECD and non-OECD regions. Data are reported in thousand barrels per day and include six to 18 months of forecasts.
- **Demand:** monthly, quarterly and annual demand data for 10 products in individual OECD countries and aggregated by OECD region; total quarterly and annual demand for Non-OECD countries. The non-OECD dataset starts in 1991. Both datasets are reported in thousand barrels per day and include six to 18 months of forecasts.
- **Balances:** monthly supply and demand balances for individual OECD countries, presenting indigenous production, imports, exports, stock changes, refinery intake and output, international marine bunkers and deliveries for inland consumption for 18 products. Data are reported in thousand metric tonnes.
- **Stocks:** comprehensive monthly coverage of industry and government-controlled stock data in individual OECD countries and for the three OECD regions, covering crude oil, NGL and feedstocks, motor gasoline, middle distillates residual fuel oil and other products. Data are reported in thousand barrels. Historical monthly data back to January 1988, with data from 1984 to 1987 available on a quarterly basis.

2. **Trade:** Monthly information on OECD Member countries' imports from over 100 origins and exports to 90 destinations for 18 products. Included are: crude oil, NGL, motor gasoline, gas/diesel oil, residual fuel oil and 16 other products. Data are reported in thousand metric tonnes.

3. **Field-by-Field Supply:** Monthly, quarterly and annual production data, starting in 1994 and including the six-eighteen month outlook period covered in the Oil Market Report, with forecasts for major fields, and production streams in nearly one hundred OECD and non-OECD countries. Data are reported in thousand barrels per day (kb/d).

Monthly Oil Data Service	1 user (site licence)	2-5 users (site licence)	6-10 users (site licence)	>10 users (site licence)	Global licence
Full service (includes 3 packages below)	€ 9,200	€ 18,400	€ 27,700	€ 36,900	€ 92,000
Supply, Demand, Balances & Stocks (SDBS)	€ 6,150	€ 12,300	€ 18,500	€ 24,600	€ 61,500
Trade	€ 2,050	€ 4,100	€ 6,200	€ 8,200	€ 20,500
Field by Field	€ 3,080	€ 6,200	€ 9,300	€ 12,300	€ 30,800
MODS + IEA DATA SERVICES GROUP PACKAGE (global corporate licence) – unlimited number of users (includes all IEA online data services including MODS and can be accessed by an unlimited number of employees from different sites working for any legal entities within a group) We offer a 10% discount on the first year's subscription					€ 100,000

A 'demo' service is available for clients interested in purchasing the MODS; if you would like access to this or require further information, please send an e-mail to: stats@iea.org. Order online at <https://webstore.iea.org/>

TABLE 1
World Oil Supply and Demand 2005-2019
(million barrels per day)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
OECD DEMAND¹															
Americas	25.8	25.7	25.9	24.6	23.7	24.3	24.1	23.7	24.1	24.2	24.6	24.9	25.1	25.7	25.6
Europe	15.9	15.9	15.6	15.5	14.8	14.8	14.3	13.9	13.7	13.6	13.9	14.1	14.4	14.3	14.3
Asia Oceania	8.8	8.7	8.6	8.3	7.9	8.1	8.2	8.6	8.4	8.1	8.1	8.1	8.1	8.0	7.8
Total	50.5	50.4	50.2	48.4	46.4	47.1	46.6	46.1	46.2	45.9	46.6	47.1	47.7	48.0	47.7
NON-OECD DEMAND¹															
FSU	3.8	3.9	3.9	4.0	3.8	3.9	4.2	4.2	4.4	4.6	4.6	4.5	4.7	4.7	4.8
Europe	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
China	6.8	7.2	7.6	7.7	8.0	9.0	9.4	9.8	10.4	10.8	11.6	12.0	12.5	13.0	13.7
Other Asia	8.9	9.2	9.8	9.8	10.1	10.6	11.0	11.4	11.7	12.1	12.6	13.1	13.7	14.0	14.3
Americas	5.0	5.1	5.4	5.6	5.6	6.1	6.2	6.4	6.6	6.7	6.6	6.4	6.4	6.2	6.2
Middle East	5.9	6.2	6.4	6.8	7.2	7.3	7.4	7.9	8.1	8.4	8.5	8.3	8.3	8.3	8.3
Africa	2.9	2.9	3.1	3.3	3.4	3.6	3.6	3.8	4.0	4.2	4.2	4.1	4.2	4.3	4.3
Total	34.0	35.4	36.9	38.0	38.8	41.2	42.5	44.2	45.8	47.4	48.8	49.1	50.4	51.2	52.4
Total Demand^{1,2}	84.6	85.7	87.1	86.4	85.2	88.3	89.1	90.3	92.0	93.3	95.4	96.1	98.1	99.2	100.0
OECD SUPPLY															
Americas ⁵	14.0	14.0	13.9	13.4	13.7	14.2	14.7	16.0	17.4	19.3	20.2	19.6	20.5	23.0	24.7
Europe	5.6	5.2	5.0	4.7	4.5	4.2	3.8	3.5	3.3	3.3	3.5	3.5	3.5	3.5	3.3
Asia Oceania	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5
Total OECD	20.2	19.8	19.5	18.8	18.9	19.0	19.1	20.0	21.1	23.1	24.1	23.5	24.4	26.9	28.6
NON-OECD SUPPLY															
FSU	11.8	12.2	12.7	12.8	13.2	13.5	13.6	13.6	13.8	13.9	14.0	14.2	14.3	14.6	14.6
Europe	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
China	3.6	3.6	3.7	3.7	3.7	4.0	4.0	4.1	4.1	4.2	4.3	4.0	3.9	3.8	3.9
Other Asia	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.7	3.5	3.5	3.6	3.6	3.6	3.4	3.3
Americas ⁵	4.0	4.1	4.1	4.2	4.4	4.6	4.7	4.7	4.8	5.0	5.2	5.1	5.1	5.1	5.3
Middle East	3.1	3.0	3.0	3.1	3.2	3.4	3.5	3.5	3.5	3.4	3.2	3.2	3.1	3.2	3.2
Africa	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.5
Total Non-OECD	28.0	28.5	29.0	29.5	30.0	31.1	31.2	31.1	31.3	31.6	32.0	31.7	31.5	31.7	31.9
Processing Gains ⁴	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3
Global Biofuels ⁵	0.6	0.8	1.1	1.4	1.6	1.8	1.9	1.9	2.1	2.3	2.3	2.4	2.5	2.6	2.8
Total Non-OPEC	50.8	51.1	51.6	51.7	52.5	54.0	54.3	55.2	56.8	59.2	60.6	59.9	60.7	63.5	65.6
OPEC³															
Crude ⁶	30.1	30.3	30.1	31.0	28.7	28.8	29.3	30.8	29.8	29.7	30.9	31.8	31.5	31.4	29.5
NGLs	3.8	3.9	3.9	3.9	4.4	4.6	4.8	4.9	4.8	5.0	5.2	5.3	5.4	5.5	5.4
Total OPEC	33.9	34.2	34.0	34.9	33.0	33.3	34.1	35.7	34.6	34.7	36.1	37.1	36.9	36.9	34.9
Total Supply⁷	84.7	85.3	85.6	86.7	85.5	87.3	88.3	90.8	91.4	93.9	96.7	97.0	97.6	100.4	100.6
STOCK CHANGE AND MISCELLANEOUS															
Reported OECD															
Industry	0.1	0.2	-0.3	0.3	-0.1	0.1	-0.2	0.2	-0.2	0.4	0.8	0.0	-0.4	0.1	0.1
Government	0.1	0.0	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Total	0.2	0.3	-0.2	0.3	0.0	0.1	-0.3	0.2	-0.2	0.4	0.8	0.0	-0.5	0.0	0.1
Floating Storage/Oil in Transit	-0.1	-0.1	0.0	0.0	0.3	-0.2	-0.1	-0.1	0.1	0.0	0.3	0.2	0.4	0.0	0.1
Other & Misc. to balance ⁸	0.0	-0.7	-1.2	0.0	0.0	-0.9	-0.4	0.4	-0.5	0.2	0.2	0.7	-0.4	1.2	0.4
Total Stock Ch. & Misc.	0.2	-0.5	-1.5	0.3	0.3	-1.1	-0.8	0.6	-0.6	0.6	1.3	0.8	-0.5	1.2	0.6

¹ Historical demand figures may not correspond to previous publications due to revisions in base levels and conversion factors of oil products.

² Measured as deliveries from refineries and primary stocks. Comprises inland deliveries, international marine bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply.

³ OPEC data based on today's membership throughout the time series.

⁴ Net volumetric gains and losses in refining process and marine transportation losses.

⁵ Global Biofuels comprise all world biofuel production including fuel ethanol from the US and Brazil. Ethanol production is no longer included in American supply.

⁶ Venezuelan Orinoco heavy crude production is included within Venezuelan crude estimates. Orimulsion fuel remains within the OPEC NGL & non-conventional category, but Orimulsion production reportedly ceased from January 2007.

⁷ Comprises crude oil, condensates, NGLs (plus ethane), oil from non-conventional sources and other sources of supply.

⁸ Includes changes in non-reported stocks in OECD and non-OECD areas.

TABLE 2.1
Quarterly World Oil Supply and Demand 2008-2010
(million barrels per day)

	1Q08	2Q08	3Q08	4Q08	2008	1Q09	2Q09	3Q09	4Q09	2009	1Q10	2Q10	3Q10	4Q10	2010
OECD DEMAND¹															
Americas	25.1	24.9	24.0	24.4	24.6	23.9	23.4	23.7	23.9	23.7	23.9	24.2	24.6	24.4	24.3
Europe	15.5	15.3	15.7	15.6	15.5	15.2	14.6	14.7	14.6	14.8	14.5	14.4	15.1	15.0	14.8
Asia Oceania	9.1	8.1	7.8	8.2	8.3	8.3	7.5	7.5	8.3	7.9	8.6	7.6	7.9	8.3	8.1
Total	49.8	48.3	47.5	48.1	48.4	47.4	45.5	45.9	46.8	46.4	46.9	46.3	47.6	47.7	47.1
NON-OECD DEMAND¹															
FSU	4.0	3.9	4.1	3.9	4.0	3.7	3.7	4.0	3.9	3.8	3.7	3.8	4.0	4.0	3.9
Europe	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
China	7.7	7.9	7.9	7.4	7.7	7.2	8.1	8.3	8.3	8.0	8.6	9.0	8.9	9.6	9.0
Other Asia	10.1	10.0	9.4	9.6	9.8	10.1	10.2	9.9	10.2	10.1	10.6	10.8	10.4	10.8	10.6
Americas	5.4	5.6	5.8	5.7	5.6	5.4	5.6	5.7	5.7	5.6	5.8	6.0	6.2	6.2	6.1
Middle East	6.5	6.9	7.3	6.7	6.8	6.7	7.2	7.7	7.1	7.2	6.9	7.4	7.2	7.3	7.3
Africa	3.3	3.3	3.2	3.3	3.3	3.5	3.4	3.4	3.3	3.4	3.5	3.6	3.6	3.6	3.6
Total	37.7	38.3	38.5	37.3	38.0	37.3	39.0	39.6	39.3	38.8	39.8	41.3	41.5	42.1	41.2
Total Demand^{1,2}	87.5	86.6	86.0	85.4	86.4	84.7	84.5	85.5	86.2	85.2	86.8	87.6	89.1	89.9	88.3
OECD SUPPLY															
Americas ⁵	13.8	13.5	13.1	13.3	13.4	13.6	13.6	13.8	13.9	13.7	14.1	14.1	14.1	14.5	14.2
Europe	4.9	4.7	4.5	4.8	4.7	4.8	4.4	4.2	4.5	4.5	4.5	4.2	3.8	4.2	4.2
Asia Oceania	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.6	0.6
Total OECD	19.3	18.9	18.2	18.8	18.8	19.1	18.6	18.7	19.0	18.9	19.2	18.9	18.6	19.3	19.0
NON-OECD SUPPLY															
FSU	12.9	12.9	12.8	12.7	12.8	13.0	13.2	13.3	13.4	13.2	13.5	13.5	13.5	13.6	13.5
Europe	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
China	3.7	3.8	3.7	3.8	3.7	3.7	3.8	3.8	3.8	3.7	3.9	4.0	4.1	4.1	4.0
Other Asia	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7
Americas ⁵	4.2	4.2	4.3	4.3	4.2	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.6	4.6
Middle East	3.1	3.1	3.2	3.2	3.1	3.1	3.2	3.3	3.2	3.2	3.4	3.3	3.5	3.5	3.4
Africa	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7
Total Non-OECD	29.5	29.5	29.5	29.4	29.5	29.7	30.0	30.1	30.3	30.0	30.7	30.9	31.2	31.4	31.1
Processing Gains ⁴	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
Global Biofuels ⁵	0.9	1.3	1.8	1.7	1.4	1.1	1.6	1.8	1.8	1.6	1.4	2.0	2.2	1.8	1.8
Total Non-OPEC	51.7	51.8	51.6	51.9	51.7	51.9	52.3	52.7	53.1	52.5	53.3	53.9	54.1	54.6	54.0
OPEC³															
Crude ⁶	31.2	31.2	31.3	30.4	31.0	28.7	28.6	28.6	28.6	28.7	28.8	28.7	28.9	28.7	28.8
NGLs	3.9	3.9	3.9	4.0	3.9	4.3	4.3	4.4	4.5	4.4	4.5	4.5	4.5	4.6	4.6
Total OPEC	35.1	35.1	35.2	34.4	34.9	33.0	32.9	33.0	33.1	33.0	33.2	33.2	33.4	33.3	33.3
Total Supply⁷	86.8	86.9	86.8	86.3	86.7	85.0	85.2	85.7	86.2	85.5	86.6	87.1	87.5	87.9	87.3
STOCK CHANGE AND MISCELLANEOUS															
REPORTED OECD															
Industry	-0.1	0.4	0.6	0.4	0.3	0.6	0.2	0.2	-1.3	-0.1	0.4	0.9	-0.1	-0.8	0.1
Government	0.1	0.0	0.0	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	0.0
Total	0.0	0.3	0.6	0.5	0.3	0.8	0.3	0.2	-1.3	0.0	0.4	0.8	-0.3	-0.7	0.1
Floating Storage/Oil in Transit	0.3	0.0	-0.3	0.1	0.0	0.6	0.2	0.0	0.5	0.3	-0.2	0.1	-0.2	-0.3	-0.2
Other & Misc. ⁸	-1.0	0.0	0.5	0.3	0.0	-1.1	0.2	-0.1	0.9	0.0	-0.3	-1.4	-1.1	-1.0	-0.9
Total Stock Ch. & Misc.	-0.7	0.3	0.8	0.8	0.3	0.2	0.7	0.2	0.1	0.3	-0.2	-0.5	-1.6	-2.0	-1.1

¹ Historical demand figures may not correspond to previous publications due to revisions in base levels and conversion factors of oil products.

² Measured as deliveries from refineries and primary stocks. Comprises inland deliveries, international marine bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply.

³ OPEC data based on today's membership throughout the time series.

⁴ Net volumetric gains and losses in refining process and marine transportation losses.

⁵ Global Biofuels comprise all world biofuel production including fuel ethanol from the US and Brazil. Ethanol production is no longer included in American supply.

⁶ Venezuelan Orinoco heavy crude production is included within Venezuelan crude estimates. Orimulsion fuel remains within the OPEC NGL & non-conventional category, but Orimulsion production reportedly ceased from January 2007.

⁷ Comprises crude oil, condensates, NGLs (plus ethane), oil from non-conventional sources and other sources of supply.

⁸ Includes changes in non-reported stocks in OECD and non-OECD areas.

TABLE 2.2
Quarterly World Oil Supply and Demand 2011-2013
(million barrels per day)

	1Q11	2Q11	3Q11	4Q11	2011	1Q12	2Q12	3Q12	4Q12	2012	1Q13	2Q13	3Q13	4Q13	2013
OECD DEMAND¹															
Americas	24.2	23.9	24.2	24.0	24.1	23.4	23.6	23.8	23.8	23.7	23.8	23.9	24.4	24.4	24.1
Europe	14.3	14.2	14.8	14.1	14.3	13.8	13.9	14.0	13.8	13.9	13.2	13.9	14.0	13.6	13.7
Asia Oceania	8.6	7.4	8.0	8.6	8.2	9.2	8.0	8.3	8.8	8.6	8.9	7.9	8.0	8.6	8.4
Total	47.1	45.4	47.0	46.8	46.6	46.4	45.6	46.1	46.4	46.1	45.9	45.7	46.4	46.6	46.2
NON-OECD DEMAND¹															
FSU	3.9	4.2	4.4	4.4	4.2	4.0	4.2	4.4	4.4	4.2	4.0	4.2	4.6	4.6	4.4
Europe	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7
China	9.4	9.4	9.2	9.7	9.4	9.8	9.4	9.5	10.5	9.8	10.6	10.2	10.2	10.5	10.4
Other Asia	11.0	11.0	10.7	11.3	11.0	11.3	11.4	11.2	11.5	11.4	11.8	11.7	11.5	11.9	11.7
Americas	6.0	6.1	6.4	6.3	6.2	6.2	6.4	6.5	6.6	6.4	6.4	6.6	6.7	6.7	6.6
Middle East	7.0	7.5	7.8	7.4	7.4	7.2	7.9	8.4	7.9	7.9	7.7	8.2	8.6	7.8	8.1
Africa	3.6	3.6	3.5	3.6	3.6	3.8	3.8	3.8	3.9	3.8	4.1	4.1	3.7	4.1	4.0
Total	41.7	42.4	42.7	43.3	42.5	43.0	43.8	44.5	45.4	44.2	45.3	45.7	45.9	46.3	45.8
Total Demand^{1,2}	88.8	87.8	89.8	90.1	89.1	89.4	89.4	90.5	91.8	90.3	91.2	91.4	92.4	92.9	92.0
OECD SUPPLY															
Americas ⁵	14.4	14.4	14.6	15.3	14.7	15.7	15.6	15.8	16.7	16.0	16.9	16.8	17.6	18.0	17.4
Europe	4.1	3.8	3.6	3.8	3.8	3.9	3.7	3.2	3.4	3.5	3.4	3.3	3.2	3.4	3.3
Asia Oceania	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.4	0.5
Total OECD	19.1	18.7	18.8	19.7	19.1	20.1	19.8	19.6	20.6	20.0	20.8	20.7	21.3	21.8	21.1
NON-OECD SUPPLY															
FSU	13.6	13.6	13.5	13.5	13.6	13.7	13.5	13.5	13.7	13.6	13.8	13.8	13.8	14.0	13.8
Europe	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
China	4.1	4.1	4.0	3.9	4.0	4.1	4.1	4.1	4.2	4.1	4.1	4.2	4.1	4.2	4.1
Other Asia	3.7	3.6	3.6	3.7	3.6	3.7	3.6	3.6	3.7	3.7	3.6	3.6	3.5	3.5	3.5
Americas ⁵	4.7	4.7	4.7	4.8	4.7	4.8	4.7	4.6	4.8	4.7	4.7	4.7	4.8	4.8	4.8
Middle East	3.6	3.5	3.5	3.4	3.5	3.4	3.4	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.5
Africa	1.7	1.7	1.6	1.6	1.6	1.5	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.4
Total Non-OECD	31.6	31.2	31.1	31.1	31.2	31.3	30.8	30.9	31.4	31.1	31.3	31.3	31.1	31.7	31.3
Processing Gains ⁴	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
Global Biofuels ⁵	1.5	1.9	2.2	1.8	1.9	1.6	1.9	2.2	1.9	1.9	1.6	2.1	2.5	2.2	2.1
Total Non-OPEC	54.3	54.0	54.2	54.7	54.3	55.1	54.7	54.8	56.1	55.2	55.8	56.2	57.1	57.9	56.8
OPEC³															
Crude ⁶	29.3	28.8	29.2	29.8	29.3	30.8	31.1	30.9	30.2	30.8	29.8	30.2	30.0	29.1	29.8
NGLs	4.8	4.7	4.8	4.9	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.9	4.8	4.8
Total OPEC	34.1	33.5	34.0	34.7	34.1	35.6	36.0	35.8	35.2	35.7	34.7	35.1	34.8	34.0	34.6
Total Supply⁷	88.4	87.5	88.1	89.4	88.3	90.8	90.7	90.7	91.2	90.8	90.4	91.3	91.9	91.9	91.4
STOCK CHANGE AND MISCELLANEOUS															
REPORTED OECD															
Industry	-0.4	0.4	-0.2	-0.7	-0.2	0.6	0.3	0.5	-0.7	0.2	0.2	0.0	0.4	-1.4	-0.2
Government	0.0	0.0	-0.4	0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0
Total	-0.4	0.5	-0.5	-0.6	-0.3	0.6	0.4	0.5	-0.7	0.2	0.2	-0.1	0.5	-1.3	-0.2
Floating Storage/Oil in Transit	0.2	-0.2	-0.2	0.0	-0.1	-0.4	0.2	-0.3	0.2	-0.1	0.3	-0.1	0.1	0.3	0.1
Other & Misc. to balance ⁸	-0.2	-0.6	-0.8	0.0	-0.4	1.1	0.8	-0.1	-0.1	0.4	-1.2	0.1	-1.0	0.0	-0.5
Total Stock Ch. & Misc.	-0.4	-0.4	-1.6	-0.7	-0.8	1.4	1.4	0.1	-0.6	0.6	-0.7	-0.1	-0.4	-1.0	-0.6

1 Historical demand figures may not correspond to previous publications due to revisions in base levels and conversion factors of oil products.

2 Measured as deliveries from refineries and primary stocks. Comprises inland deliveries, international marine bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply.

3 OPEC data based on today's membership throughout the time series.

4 Net volumetric gains and losses in refining process and marine transportation losses.

5 Global Biofuels comprise all world biofuel production including fuel ethanol from the US and Brazil. Ethanol production is no longer included in American supply.

6 Venezuelan Orinoco heavy crude production is included within Venezuelan crude estimates. Orimulsion fuel remains within the OPEC NGL & non-conventional category, but Orimulsion production reportedly ceased from January 2007.

7 Comprises crude oil, condensates, NGLs (plus ethane), oil from non-conventional sources and other sources of supply.

8 Includes changes in non-reported stocks in OECD and non-OECD areas.

TABLE 2.3
Quarterly World Oil Supply and Demand 2014-2016
(million barrels per day)

	1Q14	2Q14	3Q14	4Q14	2014	1Q15	2Q15	3Q15	4Q15	2015	1Q16	2Q16	3Q16	4Q16	2016
OECD DEMAND¹															
Americas	23.9	23.8	24.4	24.6	24.2	24.5	24.4	25.0	24.5	24.6	24.7	24.6	25.2	25.0	24.9
Europe	13.2	13.6	14.0	13.6	13.6	13.6	13.7	14.3	13.9	13.9	13.6	13.9	14.5	14.2	14.1
Asia Oceania	8.9	7.7	7.7	8.3	8.1	8.8	7.7	7.8	8.3	8.1	8.6	7.7	7.8	8.4	8.1
Total	46.0	45.0	46.1	46.5	45.9	46.8	45.8	47.2	46.7	46.6	46.9	46.3	47.5	47.6	47.1
NON-OECD DEMAND¹															
FSU	4.3	4.6	4.8	4.8	4.6	4.3	4.6	4.8	4.7	4.6	4.3	4.3	4.7	4.6	4.5
Europe	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
China	10.4	10.8	10.7	11.2	10.8	11.2	11.6	11.7	11.6	11.6	11.7	12.2	11.8	12.1	12.0
Other Asia	12.2	12.2	11.8	12.0	12.1	12.6	12.7	12.4	12.8	12.6	13.2	13.2	12.8	13.2	13.1
Americas	6.5	6.7	6.8	6.8	6.7	6.6	6.7	6.7	6.6	6.6	6.3	6.5	6.5	6.4	6.4
Middle East	8.1	8.5	8.7	8.2	8.4	7.9	8.6	8.9	8.4	8.5	7.9	8.4	8.7	8.1	8.3
Africa	4.2	4.2	4.1	4.1	4.2	4.1	4.1	4.1	4.4	4.2	4.2	4.2	4.0	4.2	4.1
Total	46.4	47.7	47.7	47.8	47.4	47.4	49.0	49.4	49.3	48.8	48.4	49.5	49.2	49.2	49.1
Total Demand^{1,2}	92.4	92.7	93.8	94.3	93.3	94.2	94.8	96.5	96.1	95.4	95.3	95.8	96.7	96.8	96.1
OECD SUPPLY															
Americas ⁵	18.4	19.0	19.4	20.1	19.3	20.2	19.8	20.3	20.3	20.2	20.0	19.0	19.5	19.9	19.6
Europe	3.5	3.2	3.1	3.5	3.3	3.4	3.5	3.4	3.6	3.5	3.7	3.5	3.4	3.6	3.5
Asia Oceania	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Total OECD	22.4	22.7	23.1	24.0	23.1	24.1	23.8	24.2	24.4	24.1	24.1	22.9	23.3	23.9	23.5
NON-OECD SUPPLY															
FSU	13.9	13.8	13.8	14.0	13.9	14.1	14.0	13.9	14.1	14.0	14.3	14.0	14.0	14.6	14.2
Europe	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
China	4.2	4.2	4.1	4.3	4.2	4.2	4.3	4.3	4.3	4.3	4.1	4.0	3.9	3.9	4.0
Other Asia	3.5	3.5	3.5	3.6	3.5	3.7	3.6	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.6
Americas ⁵	4.9	4.9	5.1	5.2	5.0	5.2	5.2	5.2	5.2	5.2	5.0	5.1	5.2	5.2	5.1
Middle East	3.4	3.4	3.4	3.3	3.4	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2
Africa	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
Total Non-OECD	31.6	31.5	31.5	32.0	31.6	32.1	31.9	31.8	32.1	32.0	31.8	31.4	31.5	32.0	31.7
Processing Gains ⁴	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
Global Biofuels ⁵	1.8	2.4	2.6	2.4	2.3	1.8	2.4	2.6	2.4	2.3	2.0	2.5	2.7	2.3	2.4
Total Non-OPEC	58.0	58.8	59.4	60.6	59.2	60.2	60.3	60.8	61.1	60.6	60.1	59.1	59.7	60.5	59.9
OPEC³															
Crude ⁶	29.4	29.5	29.9	30.0	29.7	30.0	31.0	31.3	31.2	30.9	31.3	31.5	31.9	32.5	31.8
NGLs	4.9	4.9	5.1	5.1	5.0	5.1	5.1	5.2	5.3	5.2	5.2	5.4	5.4	5.3	5.3
Total OPEC	34.3	34.4	34.9	35.0	34.7	35.1	36.1	36.6	36.5	36.1	36.5	36.9	37.3	37.8	37.1
Total Supply⁷	92.2	93.2	94.4	95.6	93.9	95.3	96.5	97.3	97.5	96.7	96.7	96.0	97.0	98.3	97.0

1 Historical demand figures may not correspond to previous publications due to revisions in base levels and conversion factors of oil products.

2 Measured as deliveries from refineries and primary stocks. Comprises inland deliveries, international marine bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply.

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7 Comprises crude oil, condensates, NGLs (plus ethane), oil from non-conventional sources and other sources of supply.

8 Includes changes in non-reported stocks in OECD and non-OECD areas.

TABLE 2.4
Quarterly World Oil Supply and Demand 2017-2019
(million barrels per day)

	1Q17	2Q17	3Q17	4Q17	2017	1Q18	2Q18	3Q18	4Q18	2018	1Q19	2Q19	3Q19	4Q19	2019
OECD DEMAND¹															
Americas	24.7	25.2	25.2	25.4	25.1	25.5	25.5	26.1	25.8	25.7	25.4	25.4	26.0	25.7	25.6
Europe	13.9	14.4	14.8	14.5	14.4	14.1	14.3	14.7	14.2	14.3	14.0	14.2	14.7	14.1	14.3
Asia Oceania	8.6	7.8	7.9	8.4	8.1	8.6	7.6	7.6	8.0	8.0	8.2	7.4	7.6	8.0	7.8
Total	47.2	47.3	47.9	48.3	47.7	48.2	47.4	48.4	47.9	48.0	47.7	47.0	48.2	47.8	47.7
NON-OECD DEMAND¹															
FSU	4.4	4.6	4.9	4.7	4.7	4.5	4.6	4.9	4.8	4.7	4.6	4.7	4.9	4.9	4.8
Europe	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8
China	12.3	12.7	12.3	12.6	12.5	12.6	12.9	13.2	13.2	13.0	13.1	13.8	13.8	14.1	13.7
Other Asia	13.5	13.8	13.6	13.9	13.7	14.1	14.3	13.7	14.1	14.0	14.5	14.4	13.8	14.4	14.3
Americas	6.2	6.3	6.5	6.4	6.4	6.1	6.2	6.3	6.3	6.2	6.1	6.2	6.3	6.3	6.2
Middle East	8.1	8.4	8.6	8.0	8.3	8.1	8.4	8.6	8.1	8.3	8.1	8.1	8.7	8.3	8.3
Africa	4.2	4.2	4.1	4.1	4.2	4.3	4.3	4.1	4.3	4.3	4.3	4.3	4.2	4.3	4.3
Total	49.6	50.8	50.7	50.6	50.4	50.4	51.4	51.7	51.6	51.2	51.4	52.3	52.6	53.1	52.4
Total Demand^{1,2}	96.7	98.2	98.6	98.8	98.1	98.6	98.8	100.1	99.5	99.2	99.1	99.3	100.8	100.9	100.0
OECD SUPPLY															
Americas ⁵	20.1	20.0	20.5	21.5	20.5	22.0	22.3	23.5	24.3	23.0	24.1	24.5	24.7	25.6	24.7
Europe	3.7	3.5	3.4	3.4	3.5	3.6	3.4	3.3	3.5	3.5	3.5	3.2	3.2	3.5	3.3
Asia Oceania	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5
Total OECD	24.2	23.9	24.3	25.3	24.4	26.0	26.1	27.3	28.3	26.9	28.0	28.2	28.4	29.6	28.6
NON-OECD SUPPLY															
FSU	14.4	14.3	14.2	14.3	14.3	14.4	14.4	14.6	14.8	14.6	14.8	14.4	14.6	14.7	14.6
Europe	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
China	3.9	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
Other Asia	3.6	3.5	3.5	3.5	3.6	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.3	3.3
Americas ⁵	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.1	5.1	5.1	5.2	5.5	5.6	5.3
Middle East	3.1	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Africa	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.5
Total Non-OECD	31.7	31.5	31.4	31.5	31.5	31.5	31.6	31.6	32.1	31.7	31.9	31.6	31.9	32.2	31.9
Processing Gains ⁴	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Global Biofuels ⁵	2.0	2.5	2.9	2.5	2.5	2.1	2.8	3.0	2.5	2.6	2.3	3.0	3.2	2.7	2.8
Total Non-OPEC	60.2	60.2	60.8	61.6	60.7	61.9	62.8	64.2	65.1	63.5	64.6	65.2	65.9	66.9	65.6
OPEC³															
Crude ⁶	31.2	31.4	31.8	31.5	31.5	31.2	31.0	31.5	31.7	31.4	30.1	29.6	29.0	29.3	29.5
NGLs	5.4	5.4	5.4	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4
Total OPEC	36.6	36.9	37.2	36.8	36.9	36.7	36.5	37.0	37.2	36.9	35.6	35.1	34.4	34.7	34.9
Total Supply⁷	96.8	97.0	98.0	98.4	97.6	98.6	99.4	101.3	102.3	100.4	100.2	100.2	100.3	101.6	100.6
STOCK CHANGE AND MISCELLANEOUS															
REPORTED OECD															
Industry	0.3	-0.1	-0.5	-1.2	-0.4	-0.3	0.0	0.6	0.1	0.1	0.1	0.7	0.1	-0.4	0.1
Government	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	0.0	-0.1	0.0
Total	0.3	-0.2	-0.7	-1.4	-0.5	-0.2	-0.1	0.5	-0.1	0.0	0.1	0.6	0.1	-0.5	0.1
Floating Storage/Oil in Transit	0.0	-0.1	0.5	1.0	0.4	-1.0	0.3	-0.3	0.6	0.0	-0.3	-0.1	0.0	0.9	0.1
Other & Misc. to balance ⁸	-0.2	-0.8	-0.5	-0.1	-0.4	1.3	0.4	0.9	2.4	1.2	1.4	0.4	-0.6	0.3	0.4
Total Stock Ch. & Misc.	0.1	-1.1	-0.6	-0.5	-0.5	0.0	0.6	1.2	2.9	1.2	1.1	0.9	-0.5	0.7	0.6

1 Historical demand figures may not correspond to previous publications due to revisions in base levels and conversion factors of oil products.

2 Measured as deliveries from refineries and primary stocks. Comprises inland deliveries, international marine bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply.

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7 Comprises crude oil, condensates, NGLs (plus ethane), oil from non-conventional sources and other sources of supply.

8 Includes changes in non-reported stocks in OECD and non-OECD areas.

TABLE 3
OECD Oil Demand by Product and by Region¹ 2004-2019
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Americas																
LPG	3.03	2.91	2.93	2.96	2.78	2.87	2.98	3.09	3.06	3.24	3.21	3.27	3.31	3.39	3.70	3.83
Naphtha	0.49	0.43	0.41	0.39	0.34	0.31	0.38	0.36	0.33	0.38	0.35	0.34	0.34	0.31	0.32	0.24
Motor gasoline	10.55	10.64	10.78	10.89	10.61	10.64	10.68	10.44	10.37	10.55	10.61	10.90	11.09	11.09	11.17	11.05
Jet and kerosene	1.93	1.99	1.93	1.91	1.78	1.62	1.67	1.66	1.65	1.70	1.74	1.82	1.90	1.98	2.03	2.08
Gasoil	5.05	5.20	5.27	5.39	5.16	4.77	4.99	5.15	4.98	5.07	5.27	5.25	5.11	5.20	5.43	5.38
Residual fuel oil	1.53	1.58	1.23	1.28	1.12	0.97	0.96	0.88	0.79	0.71	0.59	0.55	0.63	0.65	0.60	0.57
Other products	3.04	3.08	3.16	3.10	2.81	2.55	2.60	2.52	2.49	2.47	2.41	2.48	2.47	2.50	2.48	2.47
Total	25.62	25.83	25.72	25.92	24.60	23.73	24.26	24.09	23.66	24.11	24.18	24.62	24.87	25.11	25.73	25.63
Europe																
LPG	1.00	1.04	1.02	1.01	1.03	1.01	1.01	1.00	0.95	1.04	1.08	1.13	1.13	1.16	1.19	1.17
Naphtha	1.30	1.28	1.24	1.15	1.05	1.06	1.15	1.05	1.08	1.01	1.05	1.03	1.02	1.13	1.04	1.01
Motor gasoline	2.79	2.69	2.61	2.62	2.50	2.42	2.30	2.23	2.09	2.02	2.01	1.98	1.98	1.99	2.00	2.04
Jet and kerosene	1.18	1.24	1.28	1.31	1.32	1.24	1.24	1.26	1.22	1.25	1.28	1.34	1.38	1.46	1.52	1.55
Gasoil	6.04	6.16	6.28	6.19	6.32	6.11	6.24	6.10	6.02	6.04	6.00	6.26	6.36	6.48	6.45	6.45
Residual fuel oil	1.88	1.83	1.80	1.71	1.65	1.44	1.31	1.24	1.13	1.03	0.96	0.89	0.89	0.89	0.88	0.83
Other products	1.59	1.62	1.70	1.65	1.65	1.50	1.51	1.45	1.38	1.29	1.20	1.25	1.30	1.30	1.25	1.20
Total	15.79	15.87	15.93	15.65	15.52	14.78	14.76	14.33	13.87	13.69	13.59	13.88	14.05	14.41	14.32	14.25
Asia Oceania																
LPG	0.86	0.88	0.89	0.91	0.88	0.86	0.86	0.86	0.89	0.84	0.81	0.77	0.78	0.76	0.73	0.76
Naphtha	1.55	1.59	1.63	1.72	1.62	1.63	1.71	1.73	1.80	1.85	1.89	1.98	1.98	2.08	1.99	1.96
Motor gasoline	1.65	1.66	1.64	1.64	1.60	1.61	1.64	1.61	1.62	1.59	1.56	1.56	1.57	1.56	1.55	1.53
Jet and kerosene	1.04	1.08	1.03	0.95	0.91	0.87	0.90	0.88	0.89	0.88	0.87	0.86	0.91	0.93	0.92	0.91
Gasoil	1.98	1.97	1.91	1.87	1.78	1.68	1.71	1.71	1.79	1.78	1.78	1.83	1.83	1.90	1.90	1.92
Residual fuel oil	1.14	1.12	1.06	1.02	0.96	0.81	0.80	0.79	0.92	0.78	0.67	0.63	0.64	0.54	0.51	0.42
Other products	0.55	0.55	0.55	0.53	0.55	0.43	0.49	0.58	0.67	0.63	0.55	0.50	0.43	0.38	0.35	0.29
Total	8.77	8.84	8.72	8.64	8.29	7.90	8.12	8.17	8.57	8.36	8.12	8.14	8.14	8.15	7.95	7.79
OECD																
LPG	4.89	4.82	4.85	4.88	4.69	4.74	4.85	4.94	4.89	5.13	5.11	5.17	5.23	5.30	5.62	5.76
Naphtha	3.34	3.31	3.28	3.26	3.01	3.00	3.24	3.15	3.22	3.24	3.28	3.35	3.35	3.52	3.34	3.21
Motor gasoline	14.98	14.99	15.03	15.15	14.70	14.67	14.62	14.28	14.08	14.16	14.17	14.44	14.64	14.64	14.71	14.62
Jet and kerosene	4.16	4.31	4.24	4.17	4.01	3.74	3.81	3.80	3.76	3.83	3.89	4.03	4.19	4.37	4.47	4.54
Gasoil	13.07	13.33	13.46	13.45	13.26	12.57	12.95	12.96	12.79	12.90	13.06	13.34	13.30	13.58	13.77	13.74
Residual fuel oil	4.55	4.53	4.10	4.01	3.73	3.22	3.06	2.92	2.83	2.52	2.22	2.07	2.16	2.08	1.99	1.82
Other products	5.18	5.24	5.41	5.28	5.01	4.48	4.61	4.55	4.54	4.39	4.15	4.24	4.20	4.18	4.08	3.97
Total	50.18	50.53	50.37	50.20	48.41	46.42	47.14	46.60	46.11	46.16	45.89	46.63	47.06	47.67	47.99	47.68

¹ Comprises deliveries from refineries/primary stocks plus international marine bunkers, refinery fuel and crude for direct burning, oil from non-conventional sources and other sources of supply historical demand figures may not always correspond to previous publications due to revisions in base levels and in the conversion factors of oil products.

TABLE 4
OECD Oil Demand for Selected Countries by Product¹ 2004-2019
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
United States²																
LPG	2.13	2.03	2.05	2.08	1.95	2.05	2.17	2.27	2.25	2.44	2.40	2.45	2.47	2.54	2.87	2.93
Naphtha	0.39	0.36	0.33	0.29	0.25	0.25	0.26	0.25	0.24	0.27	0.23	0.22	0.22	0.23	0.23	0.21
Motor gasoline	9.11	9.16	9.25	9.29	8.99	9.00	8.99	8.75	8.68	8.84	8.92	9.18	9.32	9.33	9.33	9.27
Jet and kerosene	1.69	1.75	1.69	1.65	1.55	1.41	1.45	1.44	1.40	1.44	1.48	1.55	1.62	1.69	1.71	1.75
Gasoil	4.06	4.12	4.17	4.20	3.95	3.63	3.80	3.90	3.74	3.83	4.04	4.00	3.88	3.93	4.15	4.08
Residual fuel oil	0.86	0.92	0.69	0.72	0.62	0.51	0.54	0.46	0.37	0.32	0.26	0.26	0.33	0.34	0.32	0.29
Other products	2.49	2.46	2.51	2.44	2.19	1.92	1.97	1.87	1.81	1.82	1.78	1.87	1.86	1.90	1.89	1.95
Total	20.73	20.80	20.69	20.68	19.50	18.77	19.18	18.95	18.49	18.96	19.11	19.53	19.69	19.96	20.50	20.47
Japan																
LPG	0.53	0.52	0.55	0.53	0.51	0.48	0.48	0.48	0.52	0.51	0.49	0.44	0.42	0.41	0.37	0.35
Naphtha	0.82	0.83	0.82	0.83	0.75	0.72	0.78	0.74	0.72	0.77	0.74	0.79	0.75	0.78	0.73	0.73
Motor gasoline	1.05	1.06	1.05	1.03	0.98	0.99	1.00	0.98	0.98	0.95	0.92	0.91	0.91	0.89	0.88	0.85
Jet and kerosene	0.70	0.74	0.69	0.63	0.58	0.55	0.55	0.53	0.54	0.53	0.52	0.50	0.51	0.52	0.50	0.48
Gasoil	1.17	1.15	1.08	1.00	0.92	0.84	0.84	0.82	0.82	0.82	0.81	0.79	0.79	0.78	0.78	0.77
Residual fuel oil	0.60	0.59	0.55	0.53	0.55	0.41	0.40	0.45	0.57	0.47	0.41	0.36	0.33	0.27	0.27	0.23
Other products	0.42	0.42	0.43	0.45	0.45	0.34	0.35	0.42	0.52	0.47	0.40	0.38	0.32	0.28	0.26	0.24
Total	5.28	5.30	5.17	5.00	4.75	4.33	4.40	4.41	4.68	4.52	4.28	4.16	4.03	3.93	3.79	3.65
Germany																
LPG	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.10	0.10	0.11	0.09	0.10	0.10	0.13	0.11	0.12
Naphtha	0.43	0.44	0.41	0.31	0.29	0.28	0.31	0.30	0.30	0.31	0.34	0.32	0.29	0.30	0.27	0.27
Motor gasoline	0.58	0.54	0.52	0.58	0.57	0.55	0.54	0.54	0.50	0.50	0.51	0.50	0.50	0.50	0.49	0.50
Jet and kerosene	0.16	0.17	0.18	0.19	0.19	0.19	0.18	0.18	0.19	0.19	0.18	0.18	0.20	0.22	0.22	0.22
Gasoil	1.12	1.11	1.15	0.96	1.10	1.06	1.10	1.05	1.08	1.13	1.08	1.10	1.12	1.13	1.07	1.11
Residual fuel oil	0.16	0.16	0.16	0.16	0.15	0.14	0.14	0.13	0.12	0.12	0.11	0.09	0.09	0.07	0.06	0.05
Other products	0.11	0.11	0.12	0.10	0.12	0.11	0.09	0.09	0.08	0.07	0.06	0.06	0.09	0.10	0.09	0.09
Total	2.65	2.62	2.64	2.41	2.53	2.43	2.47	2.39	2.39	2.44	2.37	2.37	2.38	2.45	2.33	2.36
Italy																
LPG	0.11	0.11	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.11	0.10	0.11	0.10	0.10	0.10	0.10
Naphtha	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.08	0.08	0.05	0.07	0.08	0.08	0.12	0.13	0.10
Motor gasoline	0.35	0.33	0.31	0.29	0.26	0.25	0.24	0.24	0.22	0.20	0.20	0.18	0.17	0.17	0.18	0.18
Jet and kerosene	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.11	0.11
Gasoil	0.64	0.65	0.66	0.66	0.64	0.62	0.61	0.61	0.57	0.55	0.57	0.56	0.55	0.52	0.55	0.51
Residual fuel oil	0.32	0.28	0.27	0.23	0.21	0.18	0.14	0.12	0.11	0.08	0.07	0.08	0.08	0.07	0.07	0.06
Other products	0.24	0.24	0.25	0.27	0.26	0.20	0.24	0.24	0.21	0.18	0.15	0.18	0.16	0.15	0.14	0.14
Total	1.83	1.78	1.78	1.73	1.67	1.54	1.54	1.49	1.37	1.26	1.27	1.27	1.24	1.24	1.27	1.20
France																
LPG	0.11	0.11	0.12	0.13	0.13	0.12	0.12	0.11	0.11	0.12	0.13	0.13	0.13	0.12	0.12	0.13
Naphtha	0.19	0.19	0.19	0.18	0.17	0.13	0.14	0.14	0.14	0.12	0.13	0.12	0.11	0.12	0.10	0.11
Motor gasoline	0.27	0.25	0.24	0.22	0.21	0.20	0.18	0.18	0.17	0.17	0.17	0.18	0.18	0.19	0.20	
Jet and kerosene	0.15	0.15	0.15	0.16	0.16	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17
Gasoil	0.99	1.00	0.99	0.98	0.99	0.99	0.98	0.99	0.99	0.99	0.97	0.99	0.97	0.97	0.93	0.92
Residual fuel oil	0.12	0.12	0.12	0.11	0.10	0.10	0.09	0.09	0.08	0.07	0.06	0.06	0.05	0.05	0.05	0.05
Other products	0.18	0.18	0.18	0.19	0.18	0.18	0.16	0.15	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12
Total	2.01	1.99	1.99	1.97	1.93	1.86	1.82	1.82	1.79	1.76	1.74	1.75	1.71	1.74	1.69	1.69
United Kingdom																
LPG	0.17	0.17	0.16	0.14	0.17	0.16	0.14	0.14	0.11	0.11	0.12	0.14	0.15	0.15	0.15	0.14
Naphtha	0.05	0.05	0.06	0.04	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.03
Motor gasoline	0.45	0.43	0.42	0.41	0.39	0.37	0.35	0.33	0.32	0.31	0.30	0.29	0.29	0.28	0.29	
Jet and kerosene	0.34	0.35	0.36	0.35	0.34	0.33	0.33	0.32	0.31	0.32	0.31	0.31	0.31	0.33	0.33	0.33
Gasoil	0.53	0.56	0.57	0.58	0.57	0.55	0.57	0.56	0.58	0.59	0.61	0.64	0.66	0.67	0.67	0.64
Residual fuel oil	0.09	0.09	0.08	0.08	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.02
Other products	0.17	0.16	0.16	0.14	0.16	0.14	0.15	0.14	0.13	0.12	0.12	0.13	0.12	0.13	0.12	0.12
Total	1.79	1.82	1.81	1.75	1.73	1.65	1.62	1.58	1.53	1.51	1.52	1.56	1.60	1.63	1.61	1.57
Canada																
LPG	0.38	0.38	0.39	0.39	0.36	0.35	0.34	0.35	0.35	0.35	0.35	0.37	0.41	0.40	0.39	0.44
Naphtha	0.09	0.07	0.08	0.08	0.08	0.05	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.05	0.05	0.01
Motor gasoline	0.70	0.71	0.71	0.75	0.74	0.76	0.78	0.79	0.79	0.81	0.80	0.82	0.84	0.85	0.88	0.83
Jet and kerosene	0.12	0.13	0.12	0.12	0.11	0.11	0.11	0.11	0.13	0.14	0.14	0.14	0.14	0.15	0.16	0.18
Gasoil	0.47	0.53	0.53	0.56	0.56	0.52	0.57	0.60	0.58	0.59	0.59	0.60	0.56	0.61	0.62	0.60
Residual fuel oil	0.17	0.14	0.11	0.11	0.10	0.10	0.08	0.06	0.06	0.05	0.06	0.05	0.04	0.05	0.04	0.04
Other products	0.30	0.36	0.37	0.38	0.36	0.38	0.39	0.39	0.43	0.39	0.36	0.37	0.37	0.36	0.37	0.31
Total	2.23	2.32	2.31	2.40	2.31	2.26	2.36	2.39	2.44	2.42	2.39	2.44	2.47	2.46	2.53	2.42

¹ Comprises deliveries from refineries/primary stocks plus international marine bunkers, refinery fuel and crude for direct burning, oil from non-conventional sources and other sources of supply; historical demand figures may not always correspond to previous publications due to revisions in base levels and in the conversion factors of oil products.

² US figures exclude US territories.

TABLE 5.1
Quarterly OECD Oil Demand by Product and by Region¹ 2014-2016
(million barrels per day)

	1Q14	2Q14	3Q14	4Q14	2014	1Q15	2Q15	3Q15	4Q15	2015	1Q16	2Q16	3Q16	4Q16	2016
Americas															
LPG	3.53	2.87	3.02	3.44	3.21	3.52	3.05	3.09	3.42	3.27	3.68	3.08	3.14	3.36	3.31
Naphtha	0.37	0.34	0.35	0.34	0.35	0.35	0.31	0.33	0.36	0.34	0.35	0.35	0.34	0.34	0.34
Motor gasoline	10.18	10.69	10.84	10.70	10.61	10.52	11.00	11.17	10.90	10.90	10.81	11.17	11.40	10.99	11.09
Jet and kerosene	1.67	1.72	1.80	1.77	1.74	1.73	1.83	1.89	1.85	1.82	1.78	1.90	1.99	1.92	1.90
Gasoil	5.44	5.14	5.14	5.38	5.27	5.54	5.15	5.22	5.09	5.25	5.13	5.05	5.04	5.24	5.11
Residual fuel oil	0.57	0.58	0.60	0.60	0.59	0.52	0.46	0.62	0.61	0.55	0.58	0.68	0.64	0.63	0.63
Other products	2.17	2.42	2.66	2.37	2.41	2.30	2.62	2.69	2.32	2.48	2.38	2.38	2.63	2.50	2.47
Total	23.92	23.76	24.41	24.60	24.18	24.48	24.43	25.01	24.55	24.62	24.72	24.60	25.18	24.97	24.87
Europe															
LPG	1.04	1.11	1.11	1.07	1.08	1.19	1.12	1.09	1.12	1.13	1.16	1.09	1.12	1.17	1.13
Naphtha	1.21	1.08	0.99	0.92	1.05	1.12	1.00	0.98	1.01	1.03	1.09	0.97	1.02	1.00	1.02
Motor gasoline	1.89	2.06	2.10	1.99	2.01	1.82	2.04	2.09	1.96	1.98	1.84	2.04	2.10	1.93	1.98
Jet and kerosene	1.16	1.29	1.44	1.24	1.28	1.21	1.36	1.51	1.29	1.34	1.23	1.40	1.55	1.34	1.38
Gasoil	5.80	5.84	6.11	6.27	6.00	6.23	6.03	6.39	6.40	6.26	6.22	6.25	6.38	6.59	6.36
Residual fuel oil	1.01	0.93	0.96	0.96	0.96	0.90	0.88	0.89	0.89	0.89	0.91	0.87	0.89	0.87	0.89
Other products	1.06	1.24	1.32	1.16	1.20	1.09	1.29	1.39	1.22	1.25	1.16	1.33	1.40	1.30	1.30
Total	13.16	13.56	14.02	13.60	13.59	13.56	13.72	14.34	13.89	13.88	13.60	13.95	14.46	14.20	14.05
Asia Oceania															
LPG	0.88	0.81	0.76	0.81	0.81	0.88	0.71	0.74	0.76	0.77	0.80	0.75	0.77	0.80	0.78
Naphtha	1.99	1.76	1.82	1.97	1.89	2.05	1.90	1.97	2.02	1.98	2.05	1.89	1.93	2.06	1.98
Motor gasoline	1.55	1.50	1.59	1.59	1.56	1.53	1.52	1.63	1.57	1.56	1.52	1.53	1.66	1.58	1.57
Jet and kerosene	1.12	0.70	0.67	0.99	0.87	1.12	0.68	0.69	0.95	0.86	1.16	0.73	0.70	1.03	0.91
Gasoil	1.83	1.74	1.71	1.84	1.78	1.87	1.78	1.77	1.89	1.83	1.86	1.78	1.76	1.90	1.83
Residual fuel oil	0.84	0.63	0.58	0.63	0.67	0.76	0.59	0.53	0.62	0.63	0.74	0.59	0.59	0.64	0.64
Other products	0.67	0.52	0.52	0.48	0.55	0.56	0.50	0.49	0.48	0.50	0.49	0.43	0.44	0.38	0.43
Total	8.88	7.66	7.65	8.30	8.12	8.75	7.69	7.83	8.29	8.14	8.63	7.71	7.84	8.39	8.14
OECD															
LPG	5.45	4.78	4.89	5.32	5.11	5.58	4.89	4.92	5.31	5.17	5.64	4.92	5.04	5.32	5.23
Naphtha	3.57	3.19	3.16	3.23	3.28	3.52	3.22	3.29	3.39	3.35	3.49	3.20	3.29	3.40	3.35
Motor gasoline	13.62	14.26	14.53	14.28	14.17	13.87	14.56	14.88	14.43	14.44	14.17	14.74	15.15	14.51	14.64
Jet and kerosene	3.95	3.71	3.92	4.00	3.89	4.06	3.87	4.09	4.09	4.03	4.18	4.03	4.24	4.29	4.19
Gasoil	13.07	12.72	12.96	13.49	13.06	13.64	12.95	13.38	13.38	13.34	13.21	13.08	13.19	13.73	13.30
Residual fuel oil	2.41	2.14	2.13	2.18	2.22	2.18	1.93	2.04	2.12	2.07	2.24	2.14	2.12	2.13	2.16
Other products	3.90	4.18	4.49	4.01	4.15	3.95	4.41	4.56	4.02	4.24	4.03	4.15	4.46	4.18	4.20
Total	45.96	44.98	46.08	46.51	45.89	46.80	45.83	47.17	46.73	46.63	46.95	46.26	47.48	47.56	47.06

¹ Comprises deliveries from refineries/primary stocks plus international marine bunkers, refinery fuel and crude for direct burning, oil from non-conventional sources and other sources of supply; historical demand figures may not always correspond to previous publications due to revisions in base levels and in the conversion factors of oil products.

TABLE 5.2
Quarterly OECD Oil Demand by Product and by Region¹ 2017-2019
(million barrels per day)

	1Q17	2Q17	3Q17	4Q17	2017	1Q18	2Q18	3Q18	4Q18	2018	1Q19	2Q19	3Q19	4Q19	2019
Americas															
LPG	3.62	3.21	3.11	3.61	3.39	4.08	3.36	3.57	3.80	3.70	4.25	3.46	3.58	4.05	3.83
Naphtha	0.31	0.32	0.31	0.29	0.31	0.30	0.30	0.33	0.33	0.32	0.24	0.25	0.26	0.23	0.24
Motor gasoline	10.64	11.31	11.38	11.02	11.09	10.82	11.36	11.39	11.12	11.17	10.64	11.23	11.34	10.98	11.05
Jet and kerosene	1.89	1.97	2.03	2.03	1.98	1.94	2.04	2.13	2.02	2.03	1.97	2.10	2.18	2.07	2.08
Gasoil	5.18	5.14	5.13	5.34	5.20	5.47	5.39	5.35	5.51	5.43	5.56	5.29	5.26	5.40	5.38
Residual fuel oil	0.70	0.66	0.61	0.65	0.65	0.56	0.61	0.64	0.59	0.60	0.58	0.58	0.63	0.49	0.57
Other products	2.32	2.57	2.64	2.46	2.50	2.34	2.47	2.65	2.44	2.48	2.15	2.50	2.72	2.51	2.47
Total	24.67	25.17	25.21	25.39	25.11	25.51	25.53	26.06	25.79	25.73	25.40	25.41	25.97	25.74	25.63
Europe															
LPG	1.23	1.14	1.12	1.14	1.16	1.28	1.16	1.19	1.14	1.19	1.22	1.18	1.15	1.12	1.17
Naphtha	1.18	1.05	1.13	1.16	1.13	1.19	1.02	1.01	0.93	1.04	1.17	0.90	0.95	1.02	1.01
Motor gasoline	1.87	2.06	2.09	1.95	1.99	1.86	2.07	2.08	1.97	2.00	1.88	2.10	2.16	2.04	2.04
Jet and kerosene	1.30	1.48	1.65	1.41	1.46	1.38	1.54	1.71	1.46	1.52	1.39	1.60	1.73	1.48	1.55
Gasoil	6.31	6.43	6.55	6.64	6.48	6.40	6.35	6.46	6.57	6.45	6.38	6.31	6.58	6.53	6.45
Residual fuel oil	0.88	0.86	0.89	0.93	0.89	0.88	0.88	0.89	0.85	0.88	0.88	0.86	0.83	0.75	0.83
Other products	1.16	1.36	1.40	1.27	1.30	1.12	1.26	1.39	1.23	1.25	1.11	1.26	1.28	1.17	1.20
Total	13.93	14.38	14.83	14.51	14.41	14.12	14.28	14.71	14.16	14.32	14.03	14.20	14.68	14.09	14.25
Asia Oceania															
LPG	0.84	0.74	0.71	0.75	0.76	0.85	0.72	0.66	0.70	0.73	0.82	0.72	0.70	0.80	0.76
Naphtha	2.13	1.98	2.05	2.17	2.08	2.05	1.92	1.96	2.01	1.99	2.05	1.86	1.98	1.96	1.96
Motor gasoline	1.50	1.54	1.63	1.57	1.56	1.52	1.52	1.61	1.54	1.55	1.50	1.49	1.59	1.52	1.53
Jet and kerosene	1.17	0.74	0.74	1.08	0.93	1.20	0.75	0.73	1.01	0.92	1.14	0.77	0.74	1.00	0.91
Gasoil	1.90	1.90	1.86	1.94	1.90	1.92	1.88	1.85	1.93	1.90	1.95	1.89	1.86	1.96	1.92
Residual fuel oil	0.62	0.49	0.50	0.53	0.54	0.62	0.46	0.48	0.49	0.51	0.48	0.39	0.39	0.43	0.42
Other products	0.41	0.38	0.38	0.34	0.38	0.41	0.38	0.35	0.28	0.35	0.28	0.29	0.30	0.31	0.29
Total	8.57	7.76	7.87	8.40	8.15	8.58	7.61	7.64	7.98	7.95	8.22	7.41	7.55	7.99	7.79
OECD															
LPG	5.69	5.09	4.94	5.50	5.30	6.21	5.24	5.41	5.64	5.62	6.28	5.35	5.44	5.97	5.76
Naphtha	3.62	3.35	3.48	3.62	3.52	3.55	3.24	3.30	3.28	3.34	3.45	3.01	3.18	3.21	3.21
Motor gasoline	14.00	14.91	15.10	14.55	14.64	14.21	14.95	15.07	14.62	14.71	14.03	14.82	15.09	14.55	14.62
Jet and kerosene	4.36	4.19	4.42	4.51	4.37	4.52	4.33	4.56	4.49	4.47	4.51	4.47	4.65	4.55	4.54
Gasoil	13.40	13.47	13.54	13.92	13.58	13.79	13.61	13.66	14.02	13.77	13.90	13.49	13.71	13.88	13.74
Residual fuel oil	2.21	2.00	2.00	2.11	2.08	2.07	1.95	2.01	1.93	1.99	1.94	1.83	1.84	1.66	1.82
Other products	3.89	4.31	4.42	4.08	4.18	3.87	4.12	4.39	3.96	4.08	3.54	4.05	4.30	3.99	3.97
Total	47.16	47.32	47.90	48.30	47.67	48.21	47.43	48.41	47.93	47.99	47.65	47.02	48.21	47.82	47.68

¹ Comprises deliveries from refineries/primary stocks plus international marine bunkers, refinery fuel and crude for direct burning, oil from non-conventional sources and other sources of supply; historical demand figures may not always correspond to previous publications due to revisions in base levels and in the conversion factors of oil products.

TABLE 6
Total OECD Oil Demand by Country¹ 2004-2019
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Americas																
United States	21.10	21.17	21.05	21.03	19.79	19.07	19.48	19.25	18.79	19.27	19.41	19.84	20.00	20.27	20.82	20.79
Canada	2.23	2.32	2.31	2.40	2.31	2.26	2.36	2.39	2.44	2.42	2.39	2.44	2.47	2.46	2.53	2.42
Mexico	2.02	2.07	2.08	2.14	2.13	2.06	2.09	2.12	2.10	2.09	2.04	2.01	2.05	2.02	2.01	2.05
Chile	0.26	0.27	0.28	0.35	0.37	0.35	0.32	0.33	0.33	0.34	0.34	0.33	0.35	0.36	0.36	0.37
Total	25.62	25.83	25.72	25.92	24.60	23.73	24.26	24.09	23.66	24.11	24.18	24.62	24.87	25.11	25.73	25.63
Europe																
Austria	0.29	0.30	0.30	0.29	0.28	0.27	0.28	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27
Belgium	0.66	0.66	0.65	0.65	0.69	0.62	0.65	0.61	0.60	0.61	0.61	0.62	0.63	0.64	0.68	0.66
Czech Republic	0.21	0.21	0.21	0.21	0.22	0.21	0.20	0.20	0.20	0.19	0.20	0.20	0.18	0.21	0.22	0.22
Denmark	0.19	0.18	0.19	0.19	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.16	0.16	0.16	0.17
Estonia	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Finland	0.22	0.22	0.22	0.23	0.22	0.21	0.21	0.21	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.20
France	2.01	1.99	1.99	1.97	1.93	1.86	1.82	1.82	1.79	1.76	1.74	1.75	1.71	1.74	1.69	1.69
Germany	2.65	2.62	2.64	2.41	2.53	2.43	2.47	2.39	2.39	2.44	2.37	2.37	2.38	2.45	2.33	2.36
Greece	0.42	0.42	0.44	0.45	0.43	0.40	0.37	0.35	0.31	0.28	0.28	0.30	0.30	0.30	0.30	0.31
Hungary	0.14	0.15	0.16	0.16	0.16	0.16	0.15	0.14	0.13	0.13	0.15	0.16	0.16	0.17	0.18	0.18
Iceland	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Ireland	0.18	0.20	0.20	0.19	0.19	0.17	0.17	0.15	0.14	0.14	0.14	0.15	0.15	0.16	0.16	0.16
Italy	1.83	1.78	1.78	1.73	1.67	1.54	1.54	1.49	1.37	1.26	1.27	1.27	1.24	1.24	1.27	1.20
Latvia	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
Lithuania	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
Luxembourg	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Netherlands	1.02	1.05	1.07	1.08	1.03	0.98	0.99	0.99	0.96	0.94	0.93	0.92	0.94	0.95	0.93	0.90
Norway	0.22	0.22	0.23	0.24	0.22	0.22	0.23	0.22	0.22	0.22	0.21	0.22	0.21	0.21	0.22	0.21
Poland	0.45	0.47	0.50	0.52	0.54	0.54	0.57	0.56	0.53	0.50	0.50	0.54	0.58	0.66	0.68	0.69
Portugal	0.33	0.34	0.30	0.31	0.29	0.28	0.27	0.26	0.23	0.23	0.23	0.24	0.24	0.24	0.23	0.25
Slovak Republic	0.07	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.08	0.09	0.09	0.08
Slovenia	0.05	0.05	0.06	0.06	0.06	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05
Spain	1.57	1.61	1.59	1.61	1.55	1.47	1.44	1.39	1.30	1.21	1.20	1.25	1.29	1.30	1.33	1.33
Sweden	0.37	0.36	0.36	0.36	0.35	0.33	0.34	0.32	0.31	0.31	0.30	0.30	0.32	0.32	0.29	0.30
Switzerland	0.27	0.27	0.27	0.25	0.26	0.26	0.26	0.24	0.25	0.25	0.23	0.23	0.23	0.22	0.22	0.23
Turkey	0.66	0.66	0.68	0.69	0.68	0.70	0.67	0.66	0.69	0.75	0.76	0.88	0.94	0.99	0.96	0.99
United Kingdom	1.79	1.82	1.81	1.75	1.73	1.65	1.62	1.58	1.53	1.51	1.52	1.56	1.60	1.63	1.61	1.57
Total	15.79	15.87	15.93	15.65	15.52	14.78	14.76	14.33	13.87	13.69	13.59	13.88	14.05	14.41	14.32	3.65
Asia Oceania																
Japan	5.28	5.30	5.17	5.00	4.75	4.33	4.40	4.41	4.68	4.52	4.28	4.16	4.03	3.93	3.79	3.65
Korea	2.16	2.19	2.18	2.24	2.14	2.19	2.27	2.26	2.32	2.33	2.35	2.47	2.61	2.63	2.57	2.55
Australia	0.94	0.96	0.97	0.99	1.00	1.00	1.04	1.10	1.13	1.14	1.13	1.12	1.12	1.17	1.19	1.18
New Zealand	0.15	0.15	0.15	0.16	0.16	0.15	0.15	0.15	0.25	0.25	0.25	0.23	0.23	0.22	0.22	0.23
Israel	0.25	0.23	0.24	0.25	0.25	0.23	0.25	0.25	0.30	0.22	0.21	0.22	0.22	0.24	0.23	0.24
Total	8.77	8.84	8.72	8.64	8.29	7.90	8.12	8.17	8.57	8.36	8.12	8.14	8.14	8.15	7.95	7.79
OECD	50.18	50.53	50.37	50.20	48.41	46.42	47.14	46.60	46.11	46.16	45.89	46.63	47.06	47.67	47.99	47.68

¹ Comprises deliveries from refineries/primary stocks plus international marine bunkers, refinery fuel and crude for direct burning, oil from non-conventional sources and other sources of supply; historical demand figures may not always correspond to previous publications due to revisions in base levels and in the conversion factors of oil products.

TABLE 7
Non-OECD Oil Demand by Product and by Region¹ 2004-2018
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Former Soviet Union															
LPG	0.33	0.35	0.37	0.39	0.41	0.42	0.40	0.46	0.49	0.55	0.60	0.61	0.62	0.68	0.80
Naphtha	0.28	0.28	0.28	0.28	0.28	0.30	0.45	0.15	0.14	0.16	0.15	0.17	0.19	0.20	0.23
Motor gasoline	0.87	0.89	0.94	0.99	1.08	1.05	1.10	1.11	1.15	1.16	1.16	1.13	1.12	1.08	1.12
Jet and kerosene	0.25	0.28	0.29	0.29	0.31	0.28	0.30	0.33	0.33	0.31	0.29	0.26	0.25	0.28	0.29
Gasoil	0.81	0.82	0.86	0.93	0.99	0.89	0.93	1.02	0.96	1.00	1.19	1.26	1.17	1.24	1.31
Residual fuel oil	0.54	0.51	0.51	0.41	0.37	0.39	0.31	0.42	0.40	0.33	0.38	0.29	0.22	0.22	0.22
Other products	0.68	0.65	0.68	0.70	0.69	0.63	0.67	0.73	0.77	0.84	0.84	0.87	0.91	0.96	0.73
Total	3.75	3.78	3.94	4.00	4.12	3.95	4.17	4.22	4.24	4.35	4.62	4.60	4.49	4.66	4.69
Non-OECD Europe															
LPG	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.05
Naphtha	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01
Motor gasoline	0.12	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Jet and kerosene	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Gasoil	0.23	0.23	0.24	0.26	0.27	0.27	0.26	0.27	0.28	0.28	0.28	0.30	0.31	0.34	0.34
Residual fuel oil	0.18	0.19	0.19	0.18	0.17	0.17	0.17	0.16	0.15	0.13	0.12	0.13	0.13	0.14	0.14
Other products	0.11	0.11	0.11	0.12	0.11	0.09	0.09	0.09	0.09	0.08	0.09	0.09	0.10	0.09	0.09
Total	0.73	0.75	0.76	0.78	0.77	0.74	0.70	0.70	0.68	0.66	0.66	0.69	0.72	0.76	0.75
China (excl. Hong Kong)															
LPG	0.64	0.65	0.72	0.74	0.67	0.68	0.72	0.75	0.74	0.84	0.96	1.14	1.38	1.53	1.58
Naphtha	0.67	0.65	0.70	0.74	0.77	0.83	0.74	0.77	0.83	0.87	0.99	1.07	1.13	1.20	1.33
Motor gasoline	1.09	1.16	1.25	1.32	1.47	1.48	1.67	1.82	1.95	2.23	2.33	2.71	2.82	2.96	3.06
Jet and kerosene	0.23	0.23	0.24	0.27	0.28	0.31	0.38	0.39	0.42	0.47	0.51	0.58	0.64	0.72	0.75
Gasoil	2.08	2.24	2.40	2.56	2.77	2.78	3.02	3.21	3.48	3.53	3.53	3.55	3.43	3.45	3.54
Residual fuel oil	0.88	0.77	0.81	0.75	0.59	0.51	0.50	0.45	0.42	0.42	0.42	0.42	0.41	0.42	0.43
Other products	0.97	1.06	1.11	1.22	1.18	1.39	2.00	2.01	1.97	2.01	2.05	2.10	2.14	2.22	2.32
Total	6.56	6.77	7.23	7.60	7.72	8.00	9.03	9.41	9.80	10.37	10.79	11.57	11.95	12.49	13.00
Other Asia															
LPG	0.68	0.71	0.77	0.84	0.88	1.01	1.12	1.22	1.28	1.34	1.41	1.48	1.60	1.69	1.76
Naphtha	0.93	0.89	0.96	1.05	1.02	1.03	1.04	1.00	1.06	1.11	1.13	1.21	1.20	1.23	1.29
Motor gasoline	1.19	1.23	1.22	1.33	1.38	1.50	1.59	1.66	1.75	1.94	2.02	2.21	2.35	2.49	2.58
Jet and kerosene	0.97	0.99	0.98	1.00	0.95	0.90	0.93	0.94	0.93	0.97	0.98	1.01	1.04	1.07	1.11
Gasoil	2.74	2.70	2.67	2.81	2.84	3.04	3.16	3.41	3.61	3.64	3.75	3.78	3.85	4.15	4.30
Residual fuel oil	1.56	1.54	1.65	1.75	1.75	1.71	1.81	1.75	1.66	1.59	1.55	1.61	1.70	1.69	1.67
Other products	0.79	0.86	0.97	1.02	0.97	0.95	1.00	1.03	1.10	1.15	1.26	1.33	1.39	1.50	1.54
Total	8.86	8.93	9.23	9.80	9.77	10.13	10.65	11.02	11.39	11.74	12.10	12.64	13.13	13.80	14.26
Non-OECD Americas															
LPG	0.57	0.56	0.58	0.58	0.61	0.59	0.61	0.59	0.62	0.64	0.65	0.63	0.64	0.63	0.64
Naphtha	0.18	0.19	0.19	0.20	0.18	0.19	0.21	0.19	0.19	0.17	0.17	0.18	0.16	0.19	0.16
Motor gasoline	1.12	1.17	1.19	1.28	1.42	1.45	1.53	1.62	1.69	1.78	1.84	1.90	1.86	1.90	1.89
Jet and kerosene	0.22	0.22	0.21	0.22	0.23	0.23	0.27	0.27	0.29	0.29	0.30	0.31	0.30	0.30	0.31
Gasoil	1.55	1.57	1.64	1.75	1.79	1.79	1.98	2.02	2.12	2.25	2.25	2.21	2.12	2.09	2.11
Residual fuel oil	0.63	0.65	0.69	0.69	0.75	0.70	0.73	0.74	0.75	0.73	0.73	0.68	0.60	0.57	0.51
Other products	0.60	0.62	0.61	0.64	0.62	0.62	0.73	0.76	0.76	0.78	0.79	0.74	0.74	0.70	0.66
Total	4.88	4.99	5.11	5.36	5.62	5.58	6.06	6.20	6.42	6.60	6.73	6.64	6.43	6.37	6.28
Middle East															
LPG	0.79	0.89	0.88	0.91	1.01	1.15	1.23	1.21	1.33	1.34	1.38	1.63	1.58	1.64	1.72
Naphtha	0.10	0.10	0.10	0.07	0.11	0.10	0.10	0.09	0.12	0.11	0.11	0.11	0.11	0.11	0.12
Motor gasoline	1.02	1.10	1.18	1.15	1.23	1.29	1.31	1.36	1.44	1.53	1.55	1.57	1.62	1.75	1.72
Jet and kerosene	0.39	0.38	0.40	0.42	0.43	0.43	0.42	0.42	0.43	0.43	0.44	0.47	0.49	0.54	0.52
Gasoil	1.39	1.52	1.64	1.74	1.81	1.90	1.94	2.05	2.13	2.25	2.25	2.03	1.93	1.87	1.77
Residual fuel oil	1.20	1.26	1.32	1.35	1.48	1.36	1.32	1.35	1.43	1.49	1.50	1.48	1.43	1.34	1.41
Other products	0.62	0.66	0.68	0.73	0.75	0.95	0.98	0.95	0.97	0.94	1.13	1.18	1.11	1.05	1.03
Total	5.51	5.92	6.19	6.38	6.83	7.17	7.30	7.43	7.85	8.09	8.37	8.48	8.27	8.29	8.29
Africa															
LPG	0.29	0.30	0.30	0.31	0.33	0.35	0.35	0.35	0.37	0.36	0.36	0.37	0.38	0.39	0.41
Naphtha	0.02	0.02	0.02	0.02	0.02	0.04	0.05	0.03	0.05	0.03	0.03	0.02	0.02	0.02	0.03
Motor gasoline	0.65	0.68	0.68	0.71	0.75	0.80	0.86	0.93	1.00	1.07	1.11	1.14	1.19	1.20	1.22
Jet and kerosene	0.26	0.28	0.28	0.28	0.30	0.28	0.30	0.29	0.30	0.29	0.30	0.29	0.26	0.28	0.29
Gasoil	0.97	1.00	1.04	1.11	1.17	1.23	1.32	1.34	1.40	1.56	1.63	1.67	1.65	1.64	1.75
Residual fuel oil	0.43	0.43	0.42	0.41	0.43	0.44	0.44	0.40	0.44	0.45	0.46	0.44	0.40	0.37	0.37
Other products	0.19	0.22	0.22	0.26	0.28	0.27	0.27	0.24	0.25	0.27	0.27	0.27	0.27	0.27	0.27
Total	2.82	2.93	2.96	3.10	3.30	3.42	3.61	3.59	3.82	4.03	4.17	4.20	4.16	4.17	4.35
Total Non-OECD															
LPG	3.35	3.52	3.67	3.83	3.97	4.26	4.50	4.64	4.87	5.12	5.42	5.91	6.25	6.61	6.95
Naphtha	2.21	2.15	2.26	2.38	2.42	2.51	2.60	2.26	2.39	2.46	2.58	2.76	2.82	2.95	3.16
Motor gasoline	6.05	6.34	6.58	6.89	7.42	7.67	8.17	8.59	9.08	9.80	10.12	10.74	11.06	11.47	11.68
Jet and kerosene	2.34	2.41	2.43	2.51	2.52	2.46	2.63	2.67	2.72	2.78	2.84	2.94	3.01	3.21	3.31
Gasoil	9.77	10.09	10.50	11.15	11.65	11.90	12.62</								

TABLE 8
Total Non-OECD Oil Demand by Country¹ 2004-2018
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Africa															
Algeria	0.27	0.27	0.27	0.29	0.32	0.35	0.35	0.36	0.40	0.42	0.43	0.45	0.43	0.43	0.44
Congo, Dem. Rep. of	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.04	0.02	0.02	0.02	0.02
Cote D'Ivoire	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.05	0.05	0.05
Egypt	0.61	0.62	0.63	0.67	0.70	0.75	0.76	0.76	0.80	0.79	0.84	0.86	0.83	0.77	0.76
Kenya	0.05	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.08	0.09	0.09	0.10	0.11	0.12	0.12
Libya	0.25	0.26	0.25	0.23	0.25	0.29	0.30	0.19	0.26	0.28	0.27	0.27	0.22	0.21	0.22
Morocco	0.18	0.19	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.28	0.27	0.27	0.28	0.29	0.29
Nigeria	0.27	0.30	0.25	0.21	0.27	0.23	0.29	0.31	0.34	0.41	0.45	0.41	0.43	0.43	0.54
South Africa	0.47	0.50	0.50	0.58	0.58	0.57	0.59	0.63	0.60	0.63	0.62	0.64	0.61	0.64	0.66
Tunisia	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.10
Other	0.58	0.59	0.64	0.69	0.74	0.78	0.83	0.85	0.91	0.97	1.01	1.06	1.09	1.09	1.14
Total	2.80	2.92	2.94	3.08	3.28	3.41	3.60	3.58	3.81	4.01	4.15	4.19	4.14	4.16	4.34
Americas															
Argentina	0.50	0.48	0.53	0.58	0.63	0.56	0.66	0.66	0.68	0.69	0.69	0.68	0.68	0.67	0.65
Brazil	2.12	2.17	2.20	2.36	2.53	2.54	2.77	2.87	2.97	3.12	3.26	3.19	3.00	3.04	2.98
Colombia	0.26	0.25	0.26	0.26	0.26	0.25	0.27	0.31	0.33	0.32	0.33	0.34	0.37	0.35	0.35
Cuba	0.18	0.18	0.17	0.16	0.16	0.17	0.20	0.18	0.19	0.18	0.17	0.18	0.18	0.16	0.16
Ecuador	0.17	0.18	0.19	0.20	0.20	0.22	0.24	0.24	0.25	0.26	0.27	0.27	0.26	0.25	0.27
Jamaica	0.07	0.07	0.08	0.08	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
Uruguay	0.04	0.04	0.05	0.05	0.06	0.06	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05
Venezuela	0.64	0.70	0.69	0.71	0.70	0.71	0.79	0.77	0.83	0.83	0.81	0.71	0.63	0.57	0.52
Other	0.90	0.91	0.94	0.96	1.00	1.01	1.04	1.05	1.06	1.08	1.10	1.17	1.21	1.22	1.24
Total	4.88	4.99	5.11	5.36	5.62	5.58	6.06	6.20	6.42	6.60	6.73	6.64	6.43	6.37	6.28
China (excl. Hong Kong)	6.56	6.77	7.23	7.60	7.72	8.00	9.03	9.41	9.80	10.37	10.79	11.57	11.95	12.49	13.00
Other Asia															
Bangladesh	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.10	0.11	0.11	0.11	0.11	0.11	0.13	0.15
Hong Kong, China	0.31	0.28	0.30	0.32	0.29	0.37	0.42	0.37	0.35	0.35	0.34	0.37	0.38	0.43	0.44
India	2.59	2.64	2.85	3.08	3.21	3.23	3.36	3.47	3.66	3.72	3.90	4.28	4.51	4.75	4.96
Indonesia	1.31	1.32	1.29	1.32	1.35	1.37	1.41	1.59	1.75	1.74	1.76	1.66	1.64	1.79	1.91
Malaysia	0.51	0.51	0.51	0.59	0.57	0.62	0.59	0.64	0.61	0.71	0.73	0.69	0.71	0.73	0.71
Pakistan	0.33	0.33	0.37	0.40	0.39	0.42	0.41	0.40	0.42	0.46	0.49	0.53	0.58	0.58	0.61
Philippines	0.34	0.31	0.29	0.30	0.29	0.30	0.31	0.30	0.31	0.33	0.40	0.43	0.46	0.47	0.47
Singapore	0.83	0.86	0.92	1.00	0.99	1.02	1.16	1.24	1.22	1.22	1.22	1.29	1.35	1.42	1.42
Sri Lanka	0.09	0.10	0.09	0.09	0.09	0.08	0.09	0.10	0.11	0.09	0.10	0.11	0.13	0.14	0.13
Chinese Taipei	0.99	1.00	1.01	1.05	1.00	0.99	1.03	0.96	0.95	0.98	1.02	1.04	1.05	1.03	1.04
Thailand	1.01	1.01	1.03	1.03	1.00	1.06	1.13	1.18	1.25	1.34	1.35	1.36	1.39	1.42	1.46
Viet Nam	0.26	0.26	0.26	0.30	0.30	0.34	0.40	0.36	0.34	0.35	0.37	0.42	0.44	0.46	0.48
Other	0.21	0.22	0.21	0.22	0.22	0.25	0.26	0.29	0.31	0.32	0.33	0.35	0.38	0.45	0.47
Total	8.85	8.92	9.22	9.79	9.76	10.12	10.64	11.00	11.38	11.72	12.09	12.62	13.10	13.78	14.24
Non-OECD Europe															
Bulgaria	0.09	0.10	0.10	0.10	0.10	0.09	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10
Romania	0.22	0.22	0.22	0.22	0.21	0.19	0.18	0.18	0.19	0.18	0.19	0.19	0.20	0.21	0.21
Former Yugoslavia	0.22	0.23	0.25	0.25	0.25	0.25	0.23	0.23	0.21	0.21	0.20	0.21	0.22	0.23	0.23
Other	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.20	0.19	0.19	0.20	0.22	0.21	0.21
Total	0.73	0.75	0.76	0.78	0.77	0.74	0.70	0.70	0.68	0.66	0.66	0.69	0.72	0.76	0.75
Former Soviet Union	3.75	3.78	3.94	4.00	4.12	3.95	4.17	4.22	4.24	4.35	4.62	4.60	4.49	4.66	4.69
Middle East															
I. R. of Iran	1.56	1.72	1.86	1.91	1.95	2.03	1.85	1.79	1.86	2.05	2.03	2.00	1.84	1.89	1.98
Iraq	0.51	0.52	0.48	0.43	0.49	0.59	0.66	0.69	0.78	0.86	0.88	0.80	0.84	0.83	0.88
Jordan	0.10	0.11	0.10	0.10	0.09	0.09	0.10	0.13	0.15	0.14	0.15	0.13	0.11	0.12	0.11
Kuwait	0.30	0.33	0.32	0.34	0.39	0.42	0.45	0.45	0.46	0.45	0.45	0.45	0.44	0.43	0.43
Saudi Arabia	1.86	1.94	2.03	2.12	2.27	2.47	2.67	2.79	2.98	2.96	3.20	3.42	3.30	3.20	3.06
Syria	0.25	0.32	0.34	0.37	0.38	0.33	0.31	0.29	0.24	0.15	0.13	0.13	0.14	0.15	0.15
United Arab Emirates	0.48	0.50	0.54	0.58	0.61	0.61	0.64	0.67	0.71	0.76	0.77	0.84	0.89	0.92	0.88
Other	0.44	0.46	0.50	0.53	0.63	0.63	0.63	0.68	0.72	0.76	0.71	0.70	0.74	0.79	0.79
Total	5.51	5.92	6.19	6.38	6.83	7.17	7.30	7.43	7.85	8.09	8.37	8.48	8.27	8.29	8.29
Total Non-OECD	33.09	34.04	35.38	36.99	38.10	38.97	41.50	42.54	44.18	45.80	47.41	48.78	49.11	50.50	51.58

¹ Includes net deliveries of oil products from refineries and primary storage, plus refinery fuel use, international marine bunkers, crude for direct burning and non-conventional oils.

Source: World Energy Statistics (2020 Edition). Figures in the table are constructed on a different basis from that employed in the rest of this Supplement.

Includes also biofuels demand.

TABLE 9
OECD Total Primary Energy Supply¹ 2004-2019*
(million tonnes of oil equivalent)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*
Americas																
Total oil	1130	1138	1125	1120	1066	1011	1012	990	987	983	984	1000	987	993	1005	1002
Coal ²	594	603	597	600	588	521	543	520	463	471	471	411	379	368	355	313
Gas	641	641	639	677	672	669	690	713	742	760	780	803	822	815	885	912
Nuclear	238	238	241	245	246	243	244	241	236	244	247	246	248	248	249	249
Hydro and other ³	175	181	185	186	191	191	197	210	217	230	233	230	235	244	254	254
Total	2777	2802	2788	2829	2762	2635	2687	2674	2645	2689	2715	2689	2671	2668	2748	2731
Europe																
Total oil	671	668	665	642	639	607	606	584	565	555	545	557	563	577	563	556
Coal ²	334	325	340	341	318	285	301	305	315	307	291	286	270	264	255	214
Gas	442	456	453	454	467	439	473	432	424	419	378	393	415	435	426	437
Nuclear	264	260	259	245	245	233	239	236	230	229	228	222	217	215	215	214
Hydro and other ³	145	155	164	176	189	197	217	215	235	246	247	258	265	271	282	294
Total	1855	1864	1882	1858	1857	1761	1834	1772	1769	1756	1690	1716	1731	1761	1742	1715
Asia Oceania																
Total oil	393	388	377	377	361	347	356	360	370	358	346	345	346	344	336	325
Coal ²	226	221	226	235	238	228	248	245	247	253	249	251	249	250	244	238
Gas	121	122	134	145	150	147	160	178	183	193	193	183	185	187	189	196
Nuclear	108	118	118	106	107	111	114	67	43	39	41	45	47	47	52	55
Hydro and other ³	34	34	35	35	36	36	41	43	42	45	48	50	52	56	58	61
Total	882	881	891	898	892	870	919	893	886	887	876	874	878	884	879	875
OECD																
Total oil	2193	2194	2168	2138	2065	1965	1974	1935	1923	1896	1875	1902	1896	1915	1904	1883
Coal ²	1153	1149	1163	1176	1144	1034	1092	1070	1025	1031	1011	948	898	882	854	765
Gas	1203	1218	1227	1277	1288	1256	1323	1322	1349	1372	1351	1379	1422	1436	1500	1546
Nuclear	610	616	618	596	597	587	596	544	509	511	516	514	512	510	516	518
Hydro and other ³	354	371	385	398	416	424	455	467	493	522	528	538	553	571	595	609
Total	5514	5548	5561	5585	5511	5266	5441	5339	5300	5332	5281	5280	5280	5314	5369	5321

^{*} provisional

1 Source: World Energy Balances (2020 edition). Figures in the table are constructed on a different definitional basis from that employed in the rest of this Supplement and are not directly comparable with it.

2 Includes peat and oil shale

3 Other includes geothermal, solar, wind, tide, wave, ocean, biofuels and waste, primary heat, and any trade of electricity and heat.

TABLE 10
Non-OECD Total Primary Energy Supply¹ 2004-2018
(million tonnes of oil equivalent)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Former Soviet Union															
Total oil	183	179	190	190	197	189	188	201	210	199	200	193	211	210	209
Coal ²	181	181	189	188	196	165	177	185	202	192	181	178	180	179	191
Gas	507	514	519	529	534	494	552	562	543	541	522	488	499	514	552
Nuclear	61	63	65	67	67	65	69	70	71	68	71	75	73	76	76
Hydro and other ³	29	29	29	30	28	29	30	29	30	33	32	32	34	35	36
Total	962	965	992	1004	1022	943	1016	1047	1056	1032	1006	966	998	1014	1064
Non-OECD Europe															
Total oil	29	31	32	32	31	29	28	28	26	25	25	27	27	28	28
Coal ²	32	30	32	34	34	30	30	34	31	28	26	27	27	27	26
Gas	22	21	22	21	20	17	18	19	18	17	16	16	16	18	18
Nuclear	6	6	7	6	7	7	7	7	7	7	7	7	7	7	7
Hydro and other ³	11	12	11	11	12	12	14	12	13	14	14	14	15	15	16
Total	100	101	104	104	104	95	96	100	95	90	88	91	92	95	95
China (excl. Hong Kong)															
Total oil	315	318	340	355	363	377	428	442	464	485	504	534	545	568	610
Coal ²	1046	1204	1337	1464	1502	1623	1790	1941	1986	2026	2025	1997	1929	1953	1980
Gas	33	39	47	59	68	75	89	110	123	141	154	159	171	195	230
Nuclear	13	14	14	16	18	18	19	22	25	29	35	45	56	65	77
Hydro and other ³	208	207	210	203	203	204	209	206	221	230	248	258	270	284	300
Total	1615	1781	1949	2098	2154	2297	2536	2722	2820	2911	2965	2991	2971	3065	3196
Other Asia															
Total oil	388	381	388	401	409	427	437	439	463	476	496	518	540	556	577
Coal ²	288	305	327	351	371	399	428	457	484	497	550	555	562	607	646
Gas	169	182	190	198	209	221	238	235	236	242	246	250	255	255	266
Nuclear	15	16	16	16	15	16	19	21	20	21	22	20	20	18	20
Hydro and other ³	356	358	358	370	383	392	404	414	414	415	415	409	426	430	430
Total	1216	1242	1279	1335	1386	1456	1526	1565	1617	1651	1729	1753	1804	1867	1939
Non-OECD Americas															
Total oil	209	218	224	233	237	231	255	252	262	278	276	267	258	254	236
Coal ²	19	19	19	20	20	17	21	23	22	25	27	28	26	25	24
Gas	97	98	103	107	111	107	119	121	130	137	143	142	137	137	133
Nuclear	5	4	6	5	6	6	6	6	6	6	5	6	6	6	6
Hydro and other ³	142	147	152	162	169	169	176	177	178	182	182	187	190	194	199
Total	472	486	504	526	543	529	577	578	598	629	634	630	617	616	599
Middle East															
Total oil	231	251	257	265	288	299	297	297	311	312	335	324	324	327	320
Coal ²	2	2	2	2	2	2	2	2	3	3	4	3	3	4	4
Gas	197	212	231	251	273	281	306	320	337	346	363	386	401	418	429
Nuclear	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2
Hydro and other ³	2	3	4	4	2	2	3	3	4	3	4	4	4	4	5
Total	432	469	494	522	565	584	608	622	655	667	705	718	735	754	760
Africa															
Total oil	117	122	126	134	143	154	162	171	167	174	194	183	187	186	190
Coal ²	103	101	103	105	114	111	109	106	105	105	113	107	111	111	114
Gas	66	75	80	85	87	86	89	97	102	101	106	110	116	125	133
Nuclear	3	3	3	3	3	3	3	4	3	4	4	3	4	4	3
Hydro and other ³	278	285	293	299	307	315	322	333	348	357	362	371	379	388	397
Total	567	585	604	626	654	669	686	711	726	740	779	774	797	814	837
Total Non-OECD															
Total oil	1473	1499	1557	1609	1667	1705	1795	1830	1904	1950	2030	2046	2093	2130	2171
Coal ²	1671	1841	2009	2164	2239	2348	2558	2749	2833	2875	2924	2895	2837	2906	2984
Gas	1089	1142	1192	1250	1302	1280	1413	1463	1489	1525	1550	1550	1596	1662	1762
Nuclear	104	106	110	113	116	116	122	130	133	135	145	157	168	178	191
Hydro and other ³	1026	1041	1058	1079	1104	1124	1158	1175	1207	1234	1256	1275	1319	1349	1383
Total	5364	5629	5925	6215	6428	6572	7046	7345	7566	7719	7906	7922	8013	8225	8490

¹ Source: World Energy Balances (2020 Edition). Figures in the table are constructed on a different basis from that employed in the rest of this Supplement and are not directly comparable with it.

² Includes Peat and Oil shale

³ Other includes geothermal, solar, wind, tide, wave, ocean, biofuels and waste, and any trade of electricity and heat.

TABLE 11
World Oil Production 2004-2019
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
OPEC																
Crude oil																
Saudi Arabia	8.90	9.35	9.22	8.76	9.21	8.18	8.18	9.35	9.78	9.66	9.72	10.16	10.42	9.96	10.33	9.80
Iran	3.93	3.88	3.91	3.98	3.90	3.74	3.70	3.62	3.00	2.68	2.81	2.85	3.55	3.81	3.58	2.36
Iraq	1.99	1.81	1.90	2.09	2.38	2.43	2.36	2.67	2.95	3.08	3.34	4.00	4.42	4.47	4.57	4.71
UAE	2.35	2.46	2.62	2.52	2.59	2.27	2.31	2.50	2.65	2.76	2.77	2.95	3.05	2.93	3.00	3.18
Kuwait	2.34	2.42	2.50	2.44	2.60	2.28	2.30	2.53	2.74	2.81	2.79	2.79	2.88	2.71	2.75	2.68
Neutral Zone ⁶	0.60	0.58	0.58	0.56	0.57	0.54	0.53	0.59	0.54	0.52	0.38	0.07	0.00	0.00	0.00	0.00
Angola	0.99	1.23	1.37	1.64	1.83	1.75	1.75	1.66	1.78	1.72	1.66	1.76	1.71	1.64	1.49	1.39
Nigeria	2.32	2.40	2.24	2.13	1.95	1.82	2.07	2.03	2.01	1.84	1.85	1.77	1.47	1.53	1.60	1.73
Libya	1.55	1.64	1.71	1.71	1.72	1.55	1.55	0.46	1.39	0.90	0.46	0.40	0.39	0.83	0.97	1.09
Algeria	1.25	1.33	1.34	1.35	1.33	1.24	1.21	1.18	1.17	1.15	1.12	1.11	1.11	1.05	1.04	1.02
Congo	0.22	0.24	0.27	0.22	0.23	0.27	0.31	0.29	0.27	0.23	0.25	0.23	0.21	0.26	0.32	0.33
Gabon	0.27	0.27	0.24	0.25	0.24	0.24	0.25	0.25	0.25	0.23	0.23	0.23	0.23	0.20	0.19	0.21
Equatorial Guinea	0.31	0.30	0.28	0.27	0.26	0.22	0.24	0.22	0.26	0.22	0.20	0.18	0.14	0.13	0.12	0.11
Venezuela	2.52	2.79	2.73	2.74	2.78	2.67	2.53	2.50	2.50	2.50	2.46	2.46	2.24	1.97	1.40	0.87
Total Crude oil⁵	28.94	30.13	30.33	30.10	31.02	28.65	28.76	29.28	30.75	29.78	29.66	30.88	31.81	31.48	31.36	29.49
NGLs^{1,5}	3.48	3.81	3.87	3.88	3.92	4.36	4.55	4.77	4.91	4.84	5.00	5.18	5.31	5.39	5.50	5.45
TOTAL OPEC⁵	32.43	33.94	34.20	33.98	34.94	33.01	33.31	34.06	35.66	34.63	34.66	36.06	37.12	36.87	36.86	34.94
NON-OPEC²																
OECD																
Americas	14.46	13.98	13.99	13.92	13.43	13.74	14.19	14.68	15.96	17.36	19.26	20.15	19.60	20.52	23.04	24.72
United States ⁴	7.45	7.08	6.99	7.01	6.92	7.43	7.76	8.08	9.14	10.32	12.02	13.02	12.50	13.29	15.54	17.23
Mexico	3.83	3.77	3.69	3.48	3.16	2.98	2.96	2.94	2.92	2.89	2.80	2.60	2.47	2.24	2.08	1.93
Canada	3.17	3.12	3.31	3.41	3.34	3.32	3.46	3.65	3.89	4.14	4.43	4.54	4.62	4.99	5.41	5.54
Chile	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Europe	6.07	5.61	5.19	4.95	4.72	4.49	4.16	3.83	3.53	3.32	3.33	3.49	3.53	3.49	3.47	3.34
UK	2.05	1.85	1.67	1.66	1.54	1.47	1.37	1.12	0.95	0.89	0.87	0.97	1.03	1.01	1.11	1.13
Norway	3.18	2.96	2.77	2.55	2.47	2.35	2.14	2.04	1.92	1.84	1.89	1.95	1.99	1.97	1.85	1.74
Other	0.84	0.80	0.75	0.74	0.71	0.67	0.66	0.67	0.66	0.60	0.57	0.57	0.51	0.51	0.51	0.46
Asia Oceania	0.59	0.60	0.58	0.61	0.63	0.64	0.65	0.56	0.55	0.47	0.49	0.45	0.42	0.39	0.41	0.53
Australia	0.53	0.55	0.53	0.53	0.53	0.54	0.55	0.47	0.47	0.39	0.41	0.37	0.34	0.31	0.35	0.46
Others	0.05	0.05	0.05	0.08	0.10	0.10	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07
Total OECD	21.12	20.18	19.77	19.48	18.78	18.87	19.00	19.08	20.04	21.15	23.08	24.10	23.54	24.40	26.92	28.58
Non-OECD																
FSU	11.45	11.83	12.16	12.74	12.81	13.24	13.53	13.57	13.60	13.83	13.90	14.04	14.21	14.31	14.57	14.64
Russia	9.37	9.64	9.72	10.02	9.96	10.15	10.39	10.54	10.62	10.79	10.89	11.08	11.33	11.32	11.49	11.58
Azerbaijan	0.31	0.45	0.65	0.86	0.92	1.05	1.04	0.92	0.88	0.88	0.86	0.85	0.83	0.78	0.79	0.77
Kazakhstan	1.25	1.29	1.36	1.42	1.49	1.62	1.69	1.70	1.68	1.73	1.73	1.69	1.67	1.85	1.94	1.94
Others	0.51	0.45	0.43	0.44	0.45	0.42	0.40	0.41	0.41	0.42	0.41	0.41	0.38	0.36	0.35	0.35
Asia	7.21	7.39	7.38	7.35	7.43	7.41	7.73	7.68	7.77	7.70	7.72	7.89	7.60	7.41	7.25	7.18
China	3.48	3.60	3.62	3.68	3.74	3.75	4.03	4.04	4.11	4.15	4.17	4.27	3.95	3.86	3.81	3.88
Malaysia	0.79	0.78	0.74	0.74	0.74	0.70	0.72	0.65	0.66	0.62	0.65	0.70	0.74	0.73	0.72	0.67
India	0.81	0.78	0.80	0.82	0.82	0.88	0.91	0.90	0.88	0.88	0.87	0.85	0.86	0.84	0.80	0.80
Indonesia	1.10	1.09	1.02	0.97	1.00	0.99	0.99	0.94	0.90	0.86	0.84	0.82	0.87	0.83	0.80	0.77
Others	1.03	1.15	1.19	1.14	1.13	1.15	1.11	1.13	1.19	1.18	1.17	1.23	1.19	1.13	1.07	1.06
Europe	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.13	0.13	0.12	0.12
Latin America	3.86	4.00	4.13	4.08	4.23	4.36	4.59	4.74	4.72	4.76	5.03	5.17	5.10	5.13	5.10	5.33
Brazil ⁴	1.54	1.71	1.81	1.84	1.91	2.03	2.15	2.21	2.17	2.13	2.37	2.55	2.63	2.75	2.71	2.90
Argentina	0.86	0.81	0.81	0.78	0.80	0.74	0.73	0.67	0.67	0.65	0.66	0.65	0.62	0.59	0.62	0.64
Colombia	0.53	0.53	0.53	0.53	0.59	0.67	0.79	0.92	0.95	1.02	1.00	1.01	0.91	0.86	0.87	0.89
Ecuador	0.53	0.54	0.54	0.51	0.51	0.47	0.47	0.50	0.51	0.52	0.56	0.55	0.56	0.54	0.52	0.54
Others	0.39	0.42	0.44	0.42	0.42	0.44	0.44	0.43	0.42	0.44	0.45	0.42	0.38	0.38	0.37	0.36
Middle East	3.07	3.06	3.02	2.98	3.14	3.19	3.42	3.48	3.47	3.45	3.36	3.23	3.24	3.15	3.20	3.19
Oman	0.78	0.78	0.74	0.71	0.76	0.82	0.87	0.89	0.93	0.95	0.95	0.99	1.01	0.98	0.99	0.98
Qatar	1.17	1.22	1.28	1.33	1.47	1.47	1.67	1.81	2.01	2.04	2.02	1.97	1.97	1.89	1.92	1.91
Others	1.11	1.07	1.00	0.94	0.91	0.90	0.88	0.77	0.53	0.46	0.39	0.27	0.25	0.28	0.30	0.31
Africa	1.59	1.57	1.64	1.75	1.74	1.69	1.65	1.62	1.38	1.45	1.50	1.51	1.40	1.40	1.45	1.46
Egypt	0.67	0.65	0.64	0.66	0.70	0.68	0.70	0.69	0.69	0.70	0.71	0.70	0.66	0.64	0.65	0.63
Others	0.92	0.92	0.99	1.08	1.04	1.00	0.95	0.93	0.69	0.75	0.79	0.82	0.74	0.76	0.80	0.82
Total Non-OECD	27.33	28.00	28.47	29.05	29.49	30.02	31.06	31.23	31.08	31.34	31.64	31.98	31.			

TABLE 12.1
Monthly OECD Industry Closing Stock Levels¹ 2016-2017
(million barrels)

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16
Americas												
Crude	632.6	647.9	661.4	664.2	658.5	652.4	649.7	642.0	623.9	649.6	647.9	646.1
Gasoline	292.2	285.9	273.0	274.3	271.9	273.7	272.8	262.6	259.8	257.6	265.4	269.5
Middle distillates	238.7	240.6	240.5	232.2	229.7	220.4	230.1	234.7	237.1	230.5	235.4	238.2
Heavy fuel oil	50.4	52.2	50.7	50.4	47.2	46.8	45.0	46.8	45.2	45.6	47.6	48.2
Total products ²	780.4	765.5	756.7	761.2	764.3	773.0	794.9	801.3	801.5	782.3	788.7	775.1
Total³	1587.1	1584.1	1592.0	1602.0	1604.3	1611.1	1639.7	1638.1	1620.9	1626.9	1625.4	1598.5
Europe												
Crude	361.8	359.4	351.9	358.0	362.8	362.4	368.6	360.9	358.4	353.1	346.5	345.2
Gasoline	103.2	109.0	101.5	100.9	99.9	97.0	97.5	93.2	90.4	92.9	94.5	99.4
Middle distillates	324.4	323.3	323.1	325.4	325.5	325.1	335.3	337.3	327.6	316.3	314.3	307.0
Heavy fuel oil	78.3	82.9	83.4	77.8	80.3	77.0	76.0	74.4	71.6	70.7	70.4	72.1
Total products ²	606.0	613.6	606.8	602.6	607.8	599.7	611.6	604.2	586.2	578.9	580.6	578.1
Total³	1038.3	1048.1	1031.3	1033.0	1041.4	1032.2	1051.0	1036.0	1018.1	1004.5	1001.2	995.1
Asia Oceania												
Crude	191.1	195.4	196.0	193.9	202.6	202.2	196.1	187.5	201.4	201.6	194.6	191.5
Gasoline	25.1	24.3	25.8	24.7	25.1	26.2	24.6	24.0	23.8	23.8	22.7	23.7
Middle distillates	64.0	58.9	58.4	60.9	64.1	66.5	71.1	75.1	73.2	71.1	65.0	62.6
Heavy fuel oil	18.3	18.4	19.4	18.3	18.2	18.5	18.9	19.3	18.6	18.6	19.6	17.0
Total products ²	166.8	162.7	165.6	163.8	170.6	174.6	184.0	192.0	186.0	180.7	171.1	161.3
Total³	424.2	421.1	420.6	419.6	433.5	437.3	441.2	441.4	449.0	445.5	429.1	413.7
OECD												
Crude	1185.4	1202.8	1209.3	1216.1	1223.9	1217.0	1214.5	1190.4	1183.7	1204.2	1188.9	1182.8
Gasoline	420.5	419.2	400.2	399.8	396.8	396.9	395.0	379.7	374.0	374.2	382.6	392.5
Middle distillates	627.0	622.9	622.0	618.5	619.3	612.1	636.4	647.1	637.9	617.9	614.8	607.9
Heavy fuel oil	147.0	153.4	153.5	146.5	145.7	142.3	139.9	140.5	135.4	134.8	137.6	137.4
Total products ²	1553.1	1541.8	1529.1	1527.6	1542.7	1547.3	1590.4	1597.5	1573.6	1541.9	1540.5	1514.6
Total³	3049.6	3053.3	3043.9	3054.6	3079.2	3080.6	3131.9	3115.5	3088.1	3077.0	3055.7	3007.3
	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17
Americas												
Crude	667.4	684.9	697.4	676.7	670.5	657.5	643.3	618.4	625.2	617.1	610.4	581.4
Gasoline	294.0	286.4	271.6	275.7	275.4	269.2	262.2	255.2	251.9	247.3	254.3	267.9
Middle distillates	243.3	240.4	227.4	233.5	230.8	224.8	222.1	216.5	210.9	200.9	203.1	219.2
Heavy fuel oil	45.6	43.3	44.8	43.5	43.0	39.1	36.9	38.5	40.4	35.8	35.7	35.2
Total products ²	778.7	760.6	731.7	745.7	756.0	751.8	751.8	754.8	744.0	722.6	720.7	734.5
Total³	1623.4	1619.1	1605.5	1602.8	1614.6	1596.0	1588.0	1575.2	1571.0	1540.0	1524.1	1498.3
Europe												
Crude	356.8	361.4	361.5	354.7	360.7	365.3	362.1	344.3	340.0	336.6	348.8	331.7
Gasoline	105.0	105.7	101.2	100.3	95.0	92.8	90.1	90.1	87.4	90.7	92.9	99.4
Middle distillates	321.3	316.7	312.6	322.7	309.9	298.8	305.5	311.9	294.9	277.7	267.4	272.6
Heavy fuel oil	72.4	71.8	70.1	67.3	66.2	66.5	63.8	61.8	59.4	63.3	61.2	59.7
Total products ²	606.3	600.7	594.6	605.3	578.4	566.8	568.8	578.4	558.0	543.7	534.7	545.9
Total³	1033.5	1035.1	1027.6	1035.0	1013.7	1004.9	1006.6	994.4	971.1	954.2	958.3	948.0
Asia Oceania												
Crude	192.2	184.9	188.1	193.4	198.4	189.7	197.0	195.1	198.2	188.4	188.0	190.1
Gasoline	25.2	24.5	22.9	24.2	25.9	24.8	22.6	24.6	22.7	22.9	23.4	22.6
Middle distillates	68.6	64.9	58.8	65.7	65.9	62.5	63.5	69.1	65.7	72.5	65.5	63.0
Heavy fuel oil	17.6	18.6	17.8	18.3	20.2	20.3	20.8	19.5	18.6	20.4	20.5	18.5
Total products ²	166.4	165.5	154.7	164.7	168.9	169.1	175.1	181.5	171.3	182.6	175.7	164.7
Total³	420.4	411.5	402.3	419.8	431.7	423.4	436.0	441.6	432.4	435.0	426.4	413.2
OECD												
Crude	1216.4	1231.1	1247.0	1224.8	1229.5	1212.4	1202.4	1157.7	1163.5	1142.1	1147.2	1103.2
Gasoline	424.1	416.6	395.7	400.2	396.2	386.8	374.9	369.9	362.0	360.8	370.6	389.9
Middle distillates	633.3	622.0	598.8	622.0	606.6	586.1	591.1	597.5	571.6	551.1	536.1	554.7
Heavy fuel oil	135.6	133.7	132.7	129.1	129.3	126.0	121.5	119.8	118.5	119.5	117.4	113.4
Total products ²	1551.3	1526.8	1480.9	1515.7	1503.3	1487.7	1495.7	1514.6	1473.3	1448.9	1431.1	1445.1
Total³	3077.2	3065.7	3035.5	3057.7	3060.0	3024.3	3030.6	3011.2	2974.4	2929.2	2908.8	2859.5

¹ Stocks are primary national territory stocks on land (excluding utility stocks and including pipeline and entrepot stocks where known) and include stocks held by industry to meet IEA, EU and national emergency reserve commitments and are subject to government control in emergencies.

² Total products includes Gasoline, Middle distillates, Fuel oil and Other products.

³ Total includes NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 12.2
Monthly OECD Industry Closing Stock Levels¹ 2018-2019
(million barrels)

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18
Americas												
Crude	582.0	582.2	586.4	586.8	593.7	572.9	563.5	567.5	572.9	597.1	611.3	605.0
Gasoline	278.6	285.1	273.0	271.8	271.7	267.3	265.0	267.8	270.5	261.7	257.8	278.6
Middle distillates	218.0	214.8	205.9	195.8	186.4	191.8	199.6	205.3	216.3	196.8	194.0	217.5
Heavy fuel oil	37.7	38.7	40.8	38.7	37.6	35.3	34.7	34.2	35.2	34.9	35.1	34.2
Total products ²	724.9	721.0	704.1	698.8	700.8	710.7	725.3	743.4	765.7	734.7	718.6	749.8
Total³	1484.3	1476.8	1470.8	1465.2	1479.4	1473.0	1480.6	1508.9	1542.9	1535.3	1528.1	1543.6
Europe												
Crude	341.7	349.1	352.2	362.0	369.4	364.0	363.0	351.1	335.4	340.2	338.8	333.9
Gasoline	100.8	102.8	96.6	93.4	84.7	83.8	82.1	83.3	84.5	85.6	88.3	93.8
Middle distillates	287.7	278.9	264.5	256.3	253.5	250.2	258.7	270.9	266.5	246.1	239.5	256.5
Heavy fuel oil	60.0	61.1	59.0	58.6	58.9	58.0	58.7	58.1	55.7	55.1	56.3	53.8
Total products ²	565.2	555.8	535.1	521.2	504.7	506.7	516.0	527.2	521.4	500.4	496.9	515.8
Total³	984.0	982.7	967.6	966.4	956.4	951.8	960.7	956.7	932.8	919.9	915.6	929.8
Asia Oceania												
Crude	187.2	184.0	161.3	163.0	162.0	161.5	158.5	158.2	139.8	157.2	160.7	154.9
Gasoline	24.7	24.9	25.0	25.5	27.4	25.2	25.9	24.9	25.3	27.5	26.1	24.8
Middle distillates	62.8	59.9	62.2	65.1	64.2	65.8	72.3	73.1	78.2	74.5	78.5	74.1
Heavy fuel oil	19.1	18.4	17.4	18.1	19.1	20.0	19.2	18.6	19.1	18.0	19.2	20.1
Total products ²	163.9	161.3	162.7	166.2	166.5	166.6	174.6	175.1	186.7	184.7	189.9	182.7
Total³	411.1	402.9	379.6	389.5	390.7	389.7	396.4	399.2	391.9	407.0	417.9	401.8
OECD												
Crude	1110.9	1115.3	1099.8	1111.9	1125.0	1098.4	1085.0	1076.8	1048.0	1094.5	1110.8	1093.8
Gasoline	404.1	412.8	394.6	390.7	383.8	376.3	373.1	376.0	380.2	374.8	372.2	397.2
Middle distillates	568.5	553.6	532.6	517.2	504.1	507.9	530.6	549.3	560.9	517.4	512.0	548.1
Heavy fuel oil	116.8	118.3	117.1	115.4	115.6	113.3	112.7	110.9	110.1	108.0	110.6	108.1
Total products ²	1453.9	1438.1	1401.9	1386.2	1371.9	1384.0	1416.0	1445.7	1473.8	1419.8	1405.4	1448.3
Total³	2879.4	2862.4	2818.0	2821.1	2826.5	2814.4	2837.6	2864.8	2867.6	2862.2	2861.7	2875.2
	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19
Americas												
Crude	611.9	608.1	615.2	629.5	639.2	616.4	595.7	583.5	582.0	595.8	605.5	591.4
Gasoline	291.8	278.3	266.4	260.7	265.1	259.8	260.9	258.5	257.8	250.5	259.5	280.8
Middle distillates	213.1	207.2	205.1	199.8	198.8	200.5	209.2	208.1	202.4	184.9	189.7	204.4
Heavy fuel oil	37.5	33.5	34.1	33.5	35.0	35.5	36.3	34.2	35.7	37.9	40.3	37.7
Total products ²	745.7	715.5	709.6	710.7	733.0	743.7	762.6	767.3	765.0	731.8	732.9	756.0
Total³	1543.7	1508.8	1508.3	1532.5	1571.9	1564.8	1568.5	1564.4	1558.8	1542.2	1540.9	1538.4
Europe												
Crude	337.9	353.6	363.4	357.9	355.6	358.6	357.4	360.1	355.4	358.4	355.9	352.1
Gasoline	105.5	104.8	98.7	88.4	88.3	89.8	87.7	87.4	85.9	87.3	90.4	92.3
Middle distillates	256.4	260.3	268.0	270.6	273.2	276.3	278.1	288.5	279.7	267.0	270.5	277.0
Heavy fuel oil	58.1	59.4	59.4	59.0	60.6	59.5	61.3	64.3	65.6	66.4	65.0	59.5
Total products ²	533.9	540.7	540.9	529.6	534.2	542.0	541.0	554.2	548.7	532.2	542.9	546.6
Total³	954.9	977.8	988.9	970.6	973.3	982.6	985.0	1000.5	988.1	974.8	979.8	978.5
Asia Oceania												
Crude	152.8	167.6	158.8	156.7	155.8	152.3	158.8	159.9	142.3	146.1	153.0	154.7
Gasoline	27.3	26.5	26.7	26.1	27.4	25.8	27.8	25.7	26.9	26.2	25.7	26.8
Middle distillates	64.8	63.6	67.4	65.7	68.5	70.0	72.4	77.8	79.4	73.9	75.6	72.5
Heavy fuel oil	20.3	20.7	19.3	20.1	20.0	19.7	18.9	19.7	21.0	20.1	19.0	17.4
Total products ²	171.4	170.1	166.2	163.6	172.1	175.3	181.1	192.8	194.1	184.2	181.2	175.3
Total³	386.3	396.3	381.3	381.6	388.2	391.0	403.7	419.0	400.8	396.9	399.2	393.8
OECD												
Crude	1102.7	1129.3	1137.5	1144.2	1150.6	1127.3	1111.9	1103.5	1079.7	1100.3	1114.4	1098.3
Gasoline	424.6	409.6	391.8	375.2	380.9	375.5	376.4	371.7	370.6	364.1	375.6	400.0
Middle distillates	534.2	531.0	540.5	536.1	540.5	546.9	559.7	574.3	561.6	525.8	535.8	553.8
Heavy fuel oil	116.0	113.6	112.7	112.5	115.7	114.7	116.5	118.3	122.3	124.3	124.4	114.6
Total products²	1451.0	1426.3	1416.6	1403.8	1439.3	1461.0	1484.7	1514.4	1507.8	1448.3	1456.9	1478.0
Total³	2884.9	2883.0	2878.4	2884.7	2933.4	2938.4	2957.2	2983.9	2947.7	2914.0	2919.9	2910.6

¹ Stocks are primary national territory stocks on land (excluding utility stocks and including pipeline and entrepot stocks where known) and include stocks held by industry to meet IEA, EU and national emergency reserve commitments and are subject to government control in emergencies.

² Total products includes Gasoline, Middle distillates, Fuel oil and Other products.

³ Total includes NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 13.1
Quarterly OECD Americas Industry Stock Changes¹ 2010-2019
(million barrels per day)

	Crude	Other oils ²	Motor gasoline	Middle distillates	Residual fuel oil	Other products	Total products	Total oil
1Q10	0.51	0.00	0.07	-0.25	0.04	-0.10	-0.23	0.28
2Q10	0.05	0.14	-0.14	0.16	0.03	0.37	0.42	0.61
3Q10	0.03	0.08	0.03	0.13	-0.03	0.07	0.19	0.31
4Q10	-0.31	-0.15	0.03	-0.05	0.01	-0.26	-0.28	-0.73
2010	0.07	0.02	-0.01	0.00	0.01	0.02	0.03	0.11
1Q11	0.18	-0.03	-0.03	-0.25	-0.04	-0.20	-0.52	-0.37
2Q11	0.04	0.16	-0.02	-0.04	-0.02	0.32	0.25	0.45
3Q11	-0.34	0.08	0.01	0.15	-0.02	0.14	0.29	0.03
4Q11	-0.03	-0.19	0.09	-0.04	-0.02	-0.17	-0.14	-0.36
2011	-0.04	0.00	0.01	-0.04	-0.02	0.02	-0.03	-0.06
1Q12	0.39	0.13	-0.03	-0.22	0.03	-0.03	-0.26	0.26
2Q12	0.20	0.06	-0.16	-0.19	0.02	0.36	0.04	0.29
3Q12	-0.12	0.09	-0.06	0.16	-0.01	0.18	0.27	0.24
4Q12	-0.11	-0.21	0.32	0.09	-0.03	-0.29	0.09	-0.22
2012	0.09	0.02	0.02	-0.04	0.00	0.06	0.04	0.14
1Q13	0.34	-0.09	-0.07	-0.21	0.03	-0.20	-0.45	-0.19
2Q13	-0.17	0.12	0.00	0.03	0.00	0.34	0.38	0.32
3Q13	0.02	0.07	-0.07	0.12	-0.03	0.16	0.18	0.27
4Q13	-0.25	-0.23	0.08	-0.10	0.03	-0.49	-0.47	-0.96
2013	-0.02	-0.03	-0.01	-0.04	0.01	-0.05	-0.09	-0.14
1Q14	0.27	0.07	-0.01	-0.13	-0.03	-0.18	-0.35	-0.01
2Q14	0.07	0.19	-0.08	0.07	0.01	0.51	0.52	0.77
3Q14	-0.19	0.13	-0.08	0.12	0.00	0.34	0.38	0.32
4Q14	0.40	-0.18	0.33	0.06	-0.03	-0.26	0.10	0.32
2014	0.14	0.05	0.04	0.03	-0.01	0.10	0.16	0.35
1Q15	0.82	0.00	-0.09	-0.08	0.05	-0.21	-0.33	0.49
2Q15	0.01	0.15	-0.18	0.13	0.03	0.40	0.38	0.55
3Q15	-0.11	0.15	0.07	0.08	-0.01	0.20	0.33	0.37
4Q15	0.26	-0.16	0.11	0.17	0.02	-0.20	0.10	0.20
2015	0.24	0.04	-0.02	0.07	0.02	0.05	0.12	0.40
1Q16	0.58	-0.04	0.06	0.05	0.01	-0.32	-0.20	0.34
2Q16	-0.10	0.13	0.01	-0.22	-0.04	0.44	0.18	0.21
3Q16	-0.31	0.11	-0.15	0.18	-0.02	0.30	0.31	0.11
4Q16	0.24	-0.20	0.11	0.01	0.03	-0.44	-0.29	-0.24
2016	0.10	0.00	0.00	0.01	0.00	-0.01	0.00	0.10
1Q17	0.57	-0.01	0.02	-0.12	-0.04	-0.35	-0.48	0.08
2Q17	-0.44	0.11	-0.03	-0.03	-0.06	0.34	0.22	-0.10
3Q17	-0.35	0.16	-0.19	-0.15	0.01	0.24	-0.08	-0.27
4Q17	-0.48	-0.21	0.17	0.09	-0.06	-0.31	-0.10	-0.79
2017	-0.18	0.01	0.00	-0.05	-0.04	-0.02	-0.11	-0.27
1Q18	0.05	-0.02	0.06	-0.15	0.06	-0.31	-0.34	-0.31
2Q18	-0.15	0.10	-0.06	-0.15	-0.06	0.35	0.07	0.02
3Q18	0.00	0.16	0.03	0.27	0.00	0.30	0.60	0.76
4Q18	0.35	-0.17	0.09	0.01	-0.01	-0.26	-0.17	0.01
2018	0.06	0.02	0.03	0.00	0.00	0.02	0.04	0.12
1Q19	0.11	-0.05	-0.14	-0.12	-0.01	-0.15	-0.41	-0.35
2Q19	0.01	0.23	-0.07	-0.05	0.02	0.48	0.37	0.62
3Q19	-0.37	0.08	-0.02	0.02	0.00	0.23	0.23	-0.06
4Q19	0.10	-0.23	0.25	0.02	0.02	-0.39	-0.10	-0.22
2019	-0.04	0.01	0.01	-0.03	0.01	0.04	0.03	-0.01

¹ Stock changes are closing stocks minus opening stocks.² Other oils include NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 13.2
Quarterly OECD Europe Industry Stock Changes¹ 2010-2019
(million barrels per day)

	Crude	Other oils ²	Motor gasoline	Middle distillates	Residual fuel oil	Other products	Total products	Total oil
1Q10	-0.03	0.08	0.03	-0.03	0.02	-0.05	-0.02	0.03
2Q10	0.11	-0.06	-0.08	0.05	0.04	0.02	0.02	0.08
3Q10	-0.23	-0.04	-0.02	-0.11	-0.01	0.01	-0.13	-0.40
4Q10	0.04	0.05	0.02	-0.01	-0.09	0.02	-0.06	0.03
2010	-0.03	0.01	-0.01	-0.03	-0.01	0.00	-0.05	-0.07
1Q11	0.00	-0.05	0.05	0.06	-0.02	-0.02	0.06	0.01
2Q11	-0.04	0.03	-0.09	-0.13	-0.03	0.03	-0.23	-0.23
3Q11	-0.12	-0.05	-0.04	-0.13	0.00	0.06	-0.11	-0.28
4Q11	-0.22	0.03	0.06	0.12	-0.04	-0.04	0.09	-0.10
2011	-0.10	-0.01	-0.01	-0.02	-0.02	0.01	-0.05	-0.15
1Q12	0.31	0.04	-0.01	0.06	0.01	0.02	0.08	0.43
2Q12	0.03	0.01	-0.07	-0.30	-0.02	-0.01	-0.39	-0.35
3Q12	-0.10	-0.03	0.06	0.13	0.03	-0.02	0.20	0.06
4Q12	-0.04	-0.07	-0.01	-0.04	0.01	0.00	-0.04	-0.15
2012	0.05	-0.02	-0.01	-0.04	0.01	0.00	-0.04	0.00
1Q13	0.06	0.05	0.09	0.03	0.05	-0.04	0.12	0.24
2Q13	0.00	-0.03	-0.10	-0.15	-0.04	-0.03	-0.32	-0.35
3Q13	0.05	0.03	0.01	0.15	-0.05	-0.10	0.01	0.09
4Q13	-0.06	0.03	-0.01	-0.02	-0.06	0.02	-0.07	-0.10
2013	0.01	0.02	0.00	0.00	-0.03	-0.04	-0.07	-0.03
1Q14	0.05	0.06	0.04	-0.04	-0.07	-0.01	-0.07	0.04
2Q14	0.06	0.00	-0.09	-0.01	0.08	0.02	-0.01	0.05
3Q14	-0.12	-0.01	0.01	0.18	-0.05	0.06	0.20	0.07
4Q14	0.04	-0.05	0.04	-0.17	0.03	-0.01	-0.11	-0.13
2014	0.01	0.00	0.00	-0.01	0.00	0.02	0.00	0.00
1Q15	0.28	0.07	0.12	0.08	0.02	0.00	0.22	0.58
2Q15	0.00	0.01	-0.18	0.21	0.02	-0.04	0.01	0.02
3Q15	-0.05	-0.03	0.04	0.27	0.03	0.04	0.37	0.30
4Q15	0.24	-0.05	0.03	0.00	0.03	0.01	0.06	0.25
2015	0.12	0.00	0.00	0.14	0.02	0.00	0.17	0.29
1Q16	-0.17	0.06	0.09	0.08	0.08	0.01	0.26	0.16
2Q16	0.12	-0.03	-0.05	0.02	-0.07	0.02	-0.08	0.01
3Q16	-0.04	0.04	-0.07	0.03	-0.06	-0.04	-0.15	-0.15
4Q16	-0.14	-0.02	0.10	-0.22	0.01	0.03	-0.09	-0.25
2016	-0.06	0.01	0.02	-0.02	-0.01	0.01	-0.01	-0.06
1Q17	0.18	0.00	0.02	0.06	-0.02	0.10	0.16	0.34
2Q17	0.04	0.01	-0.09	-0.15	-0.04	-0.02	-0.30	-0.25
3Q17	-0.27	0.00	-0.06	-0.04	-0.08	0.08	-0.10	-0.37
4Q17	-0.09	-0.03	0.13	-0.24	0.00	-0.02	-0.13	-0.25
2017	-0.04	0.00	0.00	-0.09	-0.03	0.03	-0.09	-0.14
1Q18	0.33	0.08	-0.01	-0.03	0.02	0.05	0.02	0.43
2Q18	0.13	0.01	-0.14	-0.16	-0.01	0.00	-0.31	-0.17
3Q18	-0.31	-0.05	0.01	0.18	-0.02	0.00	0.16	-0.21
4Q18	-0.02	0.04	0.10	-0.11	-0.02	-0.03	-0.06	-0.03
2018	0.03	0.02	-0.01	-0.03	-0.01	0.00	-0.05	0.00
1Q19	0.33	0.05	0.05	0.13	0.06	0.03	0.28	0.66
2Q19	-0.05	-0.03	-0.10	0.09	0.00	0.02	0.01	-0.07
3Q19	-0.03	0.02	-0.04	0.04	0.07	0.01	0.07	0.06
4Q19	-0.04	-0.05	0.07	-0.03	-0.07	0.00	-0.02	-0.11
2019	0.05	0.00	0.00	0.06	0.02	0.02	0.08	0.13

1 Stock changes are closing stocks minus opening stocks.

2 Other oils include NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 13.3
Quarterly OECD Asia Oceania Industry Stock Changes¹ 2010-2019
(million barrels per day)

	Crude	Other oils ²	Motor gasoline	Middle distillates	Residual fuel oil	Other products	Total products	Total oil
1Q10	0.07	0.02	0.03	-0.05	0.02	-0.04	-0.04	0.05
2Q10	0.01	0.08	0.01	0.00	0.01	0.09	0.11	0.20
3Q10	-0.12	-0.02	-0.03	0.10	0.01	0.02	0.10	-0.04
4Q10	0.03	0.01	-0.01	-0.08	-0.03	-0.03	-0.15	-0.11
2010	0.00	0.02	0.00	-0.01	0.00	0.01	0.01	0.02
1Q11	0.04	0.00	0.01	-0.05	0.02	-0.05	-0.07	-0.03
2Q11	-0.01	0.05	0.01	0.13	0.00	0.02	0.16	0.21
3Q11	-0.03	-0.01	-0.01	0.02	-0.01	0.11	0.12	0.08
4Q11	-0.02	-0.04	-0.02	-0.08	-0.01	-0.07	-0.19	-0.24
2011	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1Q12	0.05	0.00	0.03	-0.08	0.01	-0.10	-0.14	-0.09
2Q12	0.17	0.06	0.01	0.08	0.00	0.07	0.16	0.39
3Q12	0.03	-0.04	0.02	0.08	0.02	0.07	0.19	0.19
4Q12	-0.17	-0.04	-0.03	-0.09	-0.02	-0.01	-0.16	-0.37
2012	0.02	-0.01	0.00	0.00	0.00	0.01	0.01	0.03
1Q13	0.03	0.05	0.04	0.04	0.00	-0.04	0.03	0.12
2Q13	0.02	0.02	-0.01	-0.03	-0.01	-0.02	-0.06	-0.02
3Q13	-0.08	-0.01	-0.03	0.09	0.00	0.09	0.16	0.07
4Q13	-0.11	-0.06	-0.01	-0.02	0.00	-0.10	-0.14	-0.31
2013	-0.03	0.00	0.00	0.02	0.00	-0.02	0.00	-0.04
1Q14	0.27	0.01	0.01	-0.13	0.02	0.00	-0.10	0.18
2Q14	-0.03	0.02	0.00	-0.02	0.00	-0.01	-0.03	-0.05
3Q14	0.01	0.05	-0.02	0.18	0.02	0.10	0.28	0.34
4Q14	-0.06	-0.12	-0.02	-0.07	-0.02	-0.05	-0.16	-0.33
2014	0.05	-0.01	-0.01	-0.01	0.00	0.01	0.00	0.04
1Q15	0.05	-0.02	0.02	-0.09	-0.03	-0.08	-0.18	-0.15
2Q15	0.26	0.02	0.02	0.06	0.01	0.04	0.14	0.41
3Q15	0.01	0.04	-0.02	0.06	0.03	0.04	0.11	0.16
4Q15	0.04	-0.04	-0.01	-0.01	-0.01	-0.08	-0.11	-0.11
2015	0.09	0.00	0.01	0.01	0.00	-0.02	-0.01	0.08
1Q16	-0.11	-0.04	0.03	-0.08	-0.01	0.06	0.00	-0.14
2Q16	0.07	0.02	0.00	0.09	-0.01	0.01	0.10	0.18
3Q16	-0.01	0.01	-0.03	0.07	0.00	0.08	0.12	0.13
4Q16	-0.11	-0.01	0.00	-0.11	-0.02	-0.13	-0.27	-0.38
2016	-0.04	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.05
1Q17	-0.04	-0.01	-0.01	-0.05	0.01	-0.03	-0.08	-0.13
2Q17	0.02	0.06	0.02	0.04	0.03	0.07	0.16	0.23
3Q17	0.09	-0.02	-0.02	0.03	-0.02	0.03	0.02	0.10
4Q17	-0.09	-0.05	0.00	-0.03	0.00	-0.04	-0.07	-0.21
2017	0.00	-0.01	0.00	0.00	0.00	0.01	0.01	0.00
1Q18	-0.32	-0.03	0.02	-0.01	-0.01	-0.03	-0.04	-0.39
2Q18	0.00	0.06	0.00	0.04	0.03	-0.03	0.04	0.11
3Q18	-0.24	0.04	0.00	0.13	-0.01	0.09	0.22	0.02
4Q18	0.16	-0.01	0.00	-0.04	0.01	-0.01	-0.04	0.11
2018	-0.10	0.02	0.00	0.03	0.00	0.01	0.05	-0.03
1Q19	0.04	-0.09	0.02	-0.07	-0.01	-0.12	-0.18	-0.23
2Q19	-0.07	0.08	-0.01	0.03	0.00	0.08	0.10	0.11
3Q19	-0.11	0.01	0.01	0.10	0.01	0.08	0.20	0.11
4Q19	0.13	-0.01	0.00	-0.08	-0.04	-0.09	-0.20	-0.08
2019	0.00	0.00	0.01	0.00	-0.01	-0.01	-0.02	-0.02

1 Stock changes are closing stocks minus opening stocks.

2 Other oils include NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 13.4
Quarterly OECD Industry Stock Changes¹ 2010-2019
(million barrels per day)

	Crude	Other oils ²	Motor gasoline	Middle distillates	Residual fuel oil	Other products	Total products	Total oil
1Q10	0.55	0.10	0.12	-0.32	0.09	-0.18	-0.30	0.35
2Q10	0.17	0.16	-0.21	0.21	0.08	0.48	0.55	0.88
3Q10	-0.32	0.03	-0.02	0.12	-0.03	0.10	0.17	-0.13
4Q10	-0.24	-0.10	0.04	-0.14	-0.11	-0.27	-0.49	-0.82
2010	0.04	0.05	-0.02	-0.03	0.01	0.03	-0.02	0.07
1Q11	0.22	-0.08	0.03	-0.25	-0.04	-0.26	-0.52	-0.39
2Q11	0.00	0.24	-0.10	-0.05	-0.04	0.37	0.18	0.42
3Q11	-0.48	0.02	-0.03	0.04	-0.03	0.31	0.29	-0.16
4Q11	-0.27	-0.20	0.13	0.00	-0.07	-0.29	-0.23	-0.70
2011	-0.14	0.00	0.01	-0.06	-0.05	0.03	-0.07	-0.21
1Q12	0.75	0.17	-0.02	-0.23	0.04	-0.11	-0.32	0.60
2Q12	0.40	0.12	-0.22	-0.41	0.01	0.43	-0.20	0.33
3Q12	-0.19	0.02	0.01	0.37	0.04	0.24	0.66	0.49
4Q12	-0.32	-0.32	0.27	-0.05	-0.03	-0.30	-0.11	-0.75
2012	0.16	0.00	0.01	-0.08	0.01	0.06	0.01	0.17
1Q13	0.44	0.01	0.06	-0.14	0.08	-0.29	-0.29	0.16
2Q13	-0.15	0.11	-0.11	-0.15	-0.04	0.29	0.00	-0.05
3Q13	-0.01	0.09	-0.09	0.36	-0.08	0.15	0.34	0.43
4Q13	-0.43	-0.26	0.06	-0.14	-0.03	-0.57	-0.68	-1.37
2013	-0.04	-0.02	-0.02	-0.02	-0.02	-0.10	-0.16	-0.21
1Q14	0.60	0.14	0.05	-0.30	-0.08	-0.20	-0.53	0.21
2Q14	0.09	0.20	-0.17	0.03	0.09	0.53	0.48	0.77
3Q14	-0.30	0.16	-0.09	0.48	-0.04	0.50	0.86	0.73
4Q14	0.38	-0.35	0.35	-0.19	-0.03	-0.31	-0.18	-0.14
2014	0.19	0.04	0.04	0.01	-0.01	0.13	0.16	0.39
1Q15	1.16	0.06	0.06	-0.08	0.04	-0.29	-0.29	0.93
2Q15	0.27	0.18	-0.33	0.39	0.06	0.41	0.53	0.98
3Q15	-0.15	0.17	0.09	0.41	0.05	0.27	0.81	0.83
4Q15	0.53	-0.25	0.14	0.16	0.04	-0.28	0.06	0.34
2015	0.45	0.04	-0.01	0.22	0.04	0.03	0.28	0.77
1Q16	0.30	-0.01	0.18	0.05	0.08	-0.25	0.07	0.36
2Q16	0.09	0.12	-0.04	-0.11	-0.12	0.47	0.20	0.40
3Q16	-0.36	0.16	-0.25	0.28	-0.08	0.33	0.29	0.08
4Q16	-0.01	-0.23	0.20	-0.33	0.02	-0.54	-0.64	-0.88
2016	0.00	0.01	0.02	-0.03	-0.02	0.00	-0.02	-0.01
1Q17	0.71	-0.03	0.03	-0.11	-0.05	-0.28	-0.41	0.28
2Q17	-0.38	0.18	-0.10	-0.14	-0.07	0.39	0.07	-0.12
3Q17	-0.53	0.15	-0.27	-0.16	-0.08	0.35	-0.16	-0.54
4Q17	-0.66	-0.29	0.30	-0.18	-0.06	-0.37	-0.31	-1.25
2017	-0.22	0.00	-0.01	-0.15	-0.07	0.02	-0.20	-0.41
1Q18	0.07	0.03	0.06	-0.19	0.07	-0.29	-0.36	-0.26
2Q18	-0.02	0.17	-0.20	-0.27	-0.04	0.32	-0.20	-0.04
3Q18	-0.55	0.15	0.04	0.58	-0.04	0.39	0.98	0.57
4Q18	0.50	-0.14	0.18	-0.14	-0.02	-0.30	-0.28	0.08
2018	0.00	0.05	0.02	-0.01	-0.01	0.03	0.04	0.09
1Q19	0.49	-0.09	-0.06	-0.06	0.04	-0.24	-0.32	0.07
2Q19	-0.11	0.28	-0.18	0.07	0.02	0.58	0.49	0.66
3Q19	-0.52	0.11	-0.05	0.16	0.08	0.32	0.51	0.10
4Q19	0.20	-0.28	0.32	-0.08	-0.08	-0.48	-0.32	-0.40
2019	0.01	0.00	0.01	0.02	0.02	0.05	0.09	0.11

¹ Stock changes are closing stocks minus opening stocks.² Other oils include NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 14.1
Total Stocks in OECD Regions¹ 1999-2019

Closing Stocks	Industry	Million Barrels			Days of Forward Demand ²				Total
		Organisation ³	Government	Total	Industry	Organisation ³	Government		
Americas									
1999	1135.2	0.0	567.2	1702.4	47.7	0.0	23.9	71.6	
2000	1153.6	0.0	542.7	1696.3	47.0	0.0	22.1	69.1	
2001	1268.6	0.0	552.2	1820.9	52.6	0.0	22.9	75.5	
2002	1181.4	0.0	601.1	1782.5	47.9	0.0	24.3	72.2	
2003	1165.0	0.0	640.4	1805.4	45.7	0.0	25.1	70.8	
2004	1194.9	0.0	677.6	1872.5	46.1	0.0	26.2	72.3	
2005	1239.1	0.0	686.5	1925.7	48.3	0.0	26.8	75.1	
2006	1256.2	0.0	690.6	1946.8	48.2	0.0	26.5	74.7	
2007	1191.6	0.0	698.9	1890.5	47.4	0.0	27.8	75.2	
2008	1260.5	0.0	703.8	1964.3	52.8	0.0	29.5	82.2	
2009	1266.5	0.0	728.6	1995.1	53.1	0.0	30.5	83.6	
2010	1307.6	0.0	728.5	2036.1	54.0	0.0	30.1	84.0	
2011	1286.0	0.0	696.6	1982.6	54.9	0.0	29.8	84.7	
2012	1337.6	0.0	696.3	2033.9	56.2	0.0	29.2	85.4	
2013	1286.1	0.0	697.0	1983.1	53.8	0.0	29.1	82.9	
2014	1414.0	0.0	693.0	2107.0	57.8	0.0	28.3	86.1	
2015	1560.9	0.0	697.1	2258.0	63.1	0.0	28.2	91.3	
2016	1598.5	0.0	697.1	2295.5	64.8	0.0	28.3	93.1	
2017	1498.3	0.0	664.8	2163.2	58.7	0.0	26.1	84.8	
2018	1543.6	0.0	651.1	2194.7	61.3	0.0	25.9	87.2	
2019	1538.4	0.0	637.0	2175.3	63.9	0.0	26.5	90.4	
Europe									
1999	914.6	307.6	40.6	1262.8	59.0	19.8	2.6	81.5	
2000	966.4	334.4	25.1	1325.8	62.1	21.5	1.6	85.2	
2001	958.9	333.7	23.8	1316.5	61.2	21.3	1.5	84.0	
2002	925.3	333.8	24.6	1283.8	58.9	21.2	1.6	81.7	
2003	954.6	351.5	26.7	1332.8	60.4	22.3	1.7	84.4	
2004	955.9	352.4	28.9	1337.2	59.9	22.1	1.8	83.7	
2005	978.1	380.8	31.1	1390.0	60.2	23.4	1.9	85.5	
2006	1007.3	384.2	33.1	1424.7	65.1	24.8	2.1	92.1	
2007	982.3	396.8	31.2	1410.3	63.4	25.6	2.0	91.1	
2008	1026.8	392.5	32.2	1451.5	67.4	25.8	2.1	95.3	
2009	1008.2	403.6	31.4	1443.2	69.6	27.9	2.2	99.6	
2010	973.3	398.4	32.1	1403.8	68.3	28.0	2.3	98.5	
2011	921.1	396.5	31.1	1348.7	66.8	28.7	2.3	97.7	
2012	919.4	406.4	31.4	1357.1	69.8	30.8	2.4	103.0	
2013	889.2	436.7	36.5	1362.4	67.6	33.2	2.8	103.5	
2014	892.0	437.1	36.6	1365.7	65.8	32.2	2.7	100.7	
2015	998.9	438.9	37.0	1474.7	73.5	32.3	2.7	108.4	
2016	995.1	446.1	36.6	1477.8	71.4	32.0	2.6	106.1	
2017	948.0	445.1	36.0	1429.1	67.1	31.5	2.5	101.2	
2018	929.8	445.9	34.9	1410.5	66.3	31.8	2.5	100.5	
2019	978.5	447.1	35.1	1460.6	73.3	33.5	2.6	109.4	

¹ Stocks are on land primary stocks. They include stocks held by industry to meet IEA, EU and national emergency commitments and are subject to government control in emergencies. They are on a national territory rather than an ownership basis; they exclude power station stocks and include pipeline and entrepot stocks, where known.

² Note that days of forward demand represent the stock level divided by the forward quarter average daily demand for petroleum products.

³ Stock holding organisations established in some European countries to hold mandatory stocks.

TABLE 14.2
Total Stocks in OECD Regions¹ 1999-2019

Closing Stocks	Industry	Million Barrels ¹			Days of Forward Demand ²			
		Organisation ³	Government	Total	Industry	Organisation ³	Government	Total
Asia Oceania								
1999	437.5	0.0	370.5	807.9	45.4	0.0	38.5	83.9
2000	454.4	0.0	370.4	824.8	47.3	0.0	38.6	85.8
2001	443.3	0.0	379.7	823.0	48.0	0.0	41.1	89.2
2002	407.6	0.0	389.2	796.8	41.4	0.0	39.5	80.8
2003	434.8	0.0	395.8	830.5	45.7	0.0	41.6	87.3
2004	430.3	0.0	395.5	825.9	44.2	0.0	40.6	84.8
2005	394.4	0.0	393.1	787.4	41.3	0.0	41.2	82.5
2006	428.8	0.0	396.4	825.2	46.8	0.0	43.2	90.0
2007	406.6	0.0	404.0	810.6	44.5	0.0	44.2	88.7
2008	406.3	0.0	406.4	812.7	48.8	0.0	48.9	97.7
2009	385.1	0.0	409.0	794.1	45.0	0.0	47.8	92.8
2010	393.8	0.0	409.6	803.4	45.7	0.0	47.5	93.2
2011	395.3	0.0	413.6	808.9	43.2	0.0	45.2	88.3
2012	405.4	0.0	414.6	819.9	45.6	0.0	46.7	92.3
2013	392.4	0.0	417.1	809.4	44.2	0.0	47.0	91.2
2014	405.2	0.0	416.8	822.0	46.3	0.0	47.6	93.9
2015	433.8	0.0	416.4	850.2	50.3	0.0	48.3	98.5
2016	413.7	0.0	421.2	834.9	48.3	0.0	49.2	97.5
2017	413.2	0.0	423.0	836.2	48.2	0.0	49.3	97.5
2018	401.8	0.0	419.8	821.7	48.9	0.0	51.1	100.0
2019	393.8	0.0	416.2	810.0	50.8	0.0	53.7	104.5
Total								
1999	2487.2	307.6	978.4	3773.1	50.9	6.3	20.0	77.1
2000	2574.3	334.4	938.2	3846.9	51.8	6.7	18.9	77.4
2001	2670.9	333.7	955.8	3960.4	54.5	6.8	19.5	80.8
2002	2514.3	333.8	1014.9	3863.0	50.0	6.6	20.2	76.9
2003	2554.4	351.5	1062.9	3968.8	50.3	6.9	20.9	78.1
2004	2581.1	352.4	1102.0	4035.5	50.0	6.8	21.4	78.2
2005	2611.6	380.8	1110.7	4103.1	50.8	7.4	21.6	79.8
2006	2692.3	384.2	1120.1	4196.7	53.1	7.6	22.1	82.8
2007	2580.5	396.8	1134.1	4111.4	51.8	8.0	22.8	82.6
2008	2693.6	392.5	1142.4	4228.5	56.8	8.3	24.1	89.1
2009	2659.8	403.6	1169.0	4232.5	56.7	8.6	24.9	90.2
2010	2674.7	398.4	1170.1	4243.3	56.8	8.5	24.8	90.1
2011	2602.4	396.5	1141.3	4140.2	56.1	8.6	24.6	89.3
2012	2662.3	406.4	1142.2	4210.9	58.0	8.9	24.9	91.8
2013	2567.7	436.7	1150.5	4155.0	55.9	9.5	25.0	90.4
2014	2711.2	437.1	1146.4	4294.7	57.9	9.3	24.5	91.8
2015	2993.5	438.9	1150.5	4582.9	63.8	9.4	24.5	97.6
2016	3007.3	446.1	1154.9	4608.2	63.8	9.5	24.5	97.7
2017	2859.5	445.1	1123.8	4428.5	59.3	9.2	23.3	91.9
2018	2875.2	445.9	1105.9	4426.9	60.6	9.4	23.3	93.4
2019	2910.6	447.1	1088.2	4445.9	64.4	9.9	24.1	98.4

¹ Stocks are on land primary stocks. They include stocks held by industry to meet IEA, EU and national emergency commitments and are subject to government control in emergencies.

They are on a national territory rather than an ownership basis; they exclude power station stocks and include pipeline and entrepot stocks, where known.

² Note that days of forward demand represent the stock level divided by the forward quarter average daily demand for petroleum products.

³ Stock holding organisations established in some European countries to hold mandatory stocks.

TABLE 15.1
Industry Stocks by Category in OECD Regions¹ 2000-2019

Closing Stocks	Million Barrels					Days of Forward Demand ²			
	Crude oil	Motor gasoline	Middle distillates	Residual fuel oil	Other products ³	Crude oil	Motor gasoline	Middle distillates	Residual fuel oil
Americas									
2000	396.7	226.8	196.4	46.1	150.9	21.8	23.7	27.2	25.9
2001	423.7	242.3	224.1	50.2	177.2	23.9	24.7	34.0	34.2
2002	389.2	241.5	209.1	41.1	165.5	21.9	24.5	29.5	26.8
2003	381.0	235.1	211.4	46.6	152.1	20.7	22.9	29.5	28.7
2004	397.2	245.9	200.5	51.4	162.7	21.0	23.8	27.2	32.6
2005	433.7	237.2	214.6	45.5	166.6	23.6	22.8	29.3	31.2
2006	412.4	240.6	219.9	50.9	186.1	22.3	22.8	29.3	36.4
2007	391.0	247.5	210.3	48.2	154.2	21.2	23.6	29.1	43.4
2008	434.2	243.7	219.4	44.8	168.5	24.8	23.5	32.6	41.0
2009	433.4	255.6	242.0	45.2	147.6	25.4	24.9	36.8	45.9
2010	458.5	253.7	241.3	50.2	154.4	26.3	24.8	35.3	53.2
2011	444.4	259.0	226.6	41.8	163.3	25.7	25.6	34.0	52.1
2012	475.9	265.7	211.6	42.9	183.9	27.4	26.2	31.2	55.9
2013	469.6	261.0	197.4	46.1	166.7	26.2	25.6	27.8	81.6
2014	519.9	275.7	208.9	41.5	204.4	28.8	26.2	28.7	79.5
2015	609.0	268.0	235.9	49.5	221.3	32.8	24.8	34.2	84.8
2016	646.1	269.5	238.2	48.2	219.2	35.2	25.3	33.7	69.0
2017	581.4	267.9	219.2	35.2	212.3	31.2	24.8	29.6	62.5
2018	605.0	278.6	217.5	34.2	219.6	32.5	26.2	29.0	58.8
2019	591.4	280.8	204.4	37.7	233.0	32.4	27.7	29.1	94.9
Europe									
2000	321.7	121.8	236.8	110.1	111.2	22.8	45.0	33.6	53.1
2001	328.5	126.5	231.3	95.9	113.2	24.2	46.9	33.7	41.5
2002	306.6	118.5	236.3	99.8	100.7	22.7	46.3	33.0	47.6
2003	323.3	119.4	234.7	104.3	101.5	23.2	48.2	32.1	53.9
2004	332.7	115.2	232.8	98.9	103.8	23.7	48.1	31.2	48.8
2005	338.8	114.5	249.1	100.1	102.6	24.4	49.4	32.2	48.6
2006	355.8	114.2	269.3	100.4	98.6	25.6	50.4	36.1	55.9
2007	340.0	110.4	245.7	103.1	106.9	24.4	50.5	32.5	61.4
2008	353.4	103.2	279.3	103.5	112.0	27.3	48.6	36.1	64.0
2009	344.2	102.8	290.0	95.3	108.3	28.2	52.5	39.2	69.9
2010	334.2	98.2	282.5	85.1	102.8	26.3	51.0	38.7	66.4
2011	300.2	96.3	275.2	77.0	104.9	24.5	52.6	38.8	62.9
2012	318.2	93.5	263.3	80.0	104.4	27.0	55.4	37.8	74.0
2013	318.1	89.0	256.2	67.4	91.2	28.2	53.1	36.8	66.7
2014	320.6	91.3	252.7	65.1	96.9	26.6	55.9	34.0	72.5
2015	363.1	93.1	305.8	73.1	97.6	29.7	56.5	41.0	80.2
2016	345.2	99.4	307.0	72.1	99.6	27.7	60.0	40.4	81.6
2017	331.7	99.4	272.6	59.7	114.1	26.3	56.4	35.0	67.6
2018	333.9	93.8	256.5	53.8	111.7	26.8	53.3	33.0	61.1
2019	352.1	92.3	277.0	59.5	117.8	29.3	54.2	37.1	83.3

¹ Stocks are on land primary stocks. They include stocks held by industry to meet IEA, EU and national emergency commitments and are subject to government control in emergencies.

They are on a national territory rather than an ownership basis; they exclude power station stocks and include pipeline and entrepot stocks, where known.

² Note that days of forward demand for petroleum products represent the stock level divided by the forward quarter average daily demand. Days of Crude oil stocks are based on refinery throughputs for the next month.

³ "Other products" category includes other refined petroleum products. This category does not include NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 15.2
Industry Stocks by Category in OECD Regions¹ 2000-2019

Closing Stocks	Million Barrels					Days of Forward Demand ²			
	Crude oil	Motor gasoline	Middle distillates	Residual fuel oil	Other products ³	Crude oil	Motor gasoline	Middle distillates	Residual fuel oil
Asia Oceania									
2000	172.1	23.6	83.6	23.5	71.4	20.8	17.4	22.9	17.8
2001	176.0	22.3	76.2	23.2	66.3	22.8	15.7	21.6	19.2
2002	161.1	22.4	64.0	21.8	67.1	20.7	16.0	17.4	15.7
2003	180.1	22.0	73.8	23.0	64.4	23.7	15.5	20.8	18.1
2004	171.2	24.2	75.1	22.4	66.1	22.5	16.5	20.7	17.9
2005	158.0	22.5	61.1	20.5	63.5	20.2	15.5	17.6	16.7
2006	172.8	22.2	73.5	22.6	66.1	22.8	15.5	22.8	21.3
2007	161.4	22.4	70.5	21.4	61.4	21.2	16.5	22.4	19.2
2008	162.3	20.6	64.8	20.0	68.5	22.7	14.5	22.4	20.6
2009	162.6	22.9	62.1	18.6	57.2	22.8	15.9	21.2	22.0
2010	161.0	23.2	60.0	19.0	60.9	22.4	16.2	20.4	22.9
2011	160.0	22.5	61.6	19.0	62.3	22.6	15.3	20.4	18.9
2012	167.4	24.3	60.5	19.7	65.5	23.4	16.9	20.5	21.4
2013	155.7	23.7	67.8	19.3	58.7	22.6	16.5	23.0	23.1
2014	173.2	21.1	63.7	20.8	63.2	24.3	15.0	21.4	27.4
2015	205.5	22.6	65.4	20.5	56.7	29.0	16.0	21.6	27.7
2016	191.5	23.7	62.6	17.0	58.0	25.8	17.2	20.4	27.3
2017	190.1	22.6	63.0	18.5	60.7	25.8	16.0	20.2	29.6
2018	154.9	24.8	74.1	20.1	63.7	21.8	17.9	24.0	41.7
2019	154.7	26.8	72.5	17.4	58.7	22.4	20.6	25.7	38.2
Total									
2000	890.5	372.2	516.8	179.7	333.6	21.9	27.3	28.8	34.7
2001	928.2	391.1	531.6	169.3	356.7	23.8	28.1	31.3	33.9
2002	856.9	382.4	509.4	162.8	333.4	22.0	27.7	28.4	32.4
2003	884.4	376.6	519.9	173.9	318.0	22.1	26.6	28.8	36.0
2004	901.1	385.3	508.4	172.7	332.5	22.2	27.1	27.5	35.6
2005	930.4	374.2	524.8	166.1	332.8	23.2	26.4	28.3	35.0
2006	941.0	377.1	562.6	174.0	350.9	23.5	26.4	30.9	40.9
2007	892.4	380.3	526.6	172.7	322.5	22.3	27.1	29.4	44.2
2008	949.9	367.6	563.5	168.3	349.1	25.3	26.4	32.4	45.7
2009	940.2	381.2	594.1	159.2	313.1	25.8	27.9	35.2	49.8
2010	953.7	375.1	583.8	154.3	318.2	25.5	27.6	34.2	50.5
2011	904.6	377.8	563.4	137.8	330.5	24.7	28.1	33.6	45.4
2012	961.5	383.5	535.5	142.6	353.8	26.5	28.9	32.1	51.5
2013	943.5	373.7	521.5	132.8	316.6	26.2	28.1	30.6	55.1
2014	1013.6	388.1	525.3	127.4	364.5	27.2	28.6	29.7	58.5
2015	1177.6	383.7	607.0	143.2	375.6	31.1	27.7	34.9	64.0
2016	1182.8	392.5	607.9	137.4	376.8	30.9	28.7	34.2	62.3
2017	1103.2	389.9	554.7	113.4	387.1	28.6	27.9	30.3	54.8
2018	1093.8	397.2	548.1	108.1	395.0	28.6	28.8	29.9	55.6
2019	1098.3	400.0	553.8	114.6	409.6	29.6	30.4	32.0	73.1

¹ Stocks are on land primary stocks. They include stocks held by industry to meet IEA, EU and national emergency commitments and are subject to government control in emergencies. They are on a national territory rather than an ownership basis; they exclude power station stocks and include pipeline and entrepot stocks, where known.

² Note that days of forward demand for petroleum products represent the stock level divided by the forward quarter average daily demand. Days of Crude oil stocks are based on refinery throughputs for the next month.

³ "Other products" category includes other refined petroleum products. This category does not include NGLs, Refinery feedstocks, Additives/oxygenates and Other hydrocarbons.

TABLE 16.1
Spot Crude and Product Prices 2008-2019
(\$/bbl)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	1Q19	2Q19	3Q19	4Q19
CRUDE OIL PRICES																
North Sea Dated	97.10	61.70	79.51	111.21	111.68	108.68	98.94	52.37	43.72	54.16	71.27	64.12	63.08	68.74	61.84	63.06
Brent (Asia) Mth 1	..	..	79.86	111.33	112.01	108.94	99.38	52.96	44.65	54.86	72.23	64.86	64.65	70.17	62.38	62.49
WTI (Cushing) Mth 1 ¹	99.64	61.93	79.48	95.04	94.12	98.03	93.28	48.71	43.33	50.78	65.20	57.03	54.87	59.89	56.40	56.88
Urals (Mediterranean)	94.07	61.00	78.17	109.61	110.85	108.39	97.97	51.50	42.11	53.26	70.17	64.31	63.46	68.77	61.84	63.40
Dubai (1st month)	94.20	61.86	78.13	106.33	109.02	105.44	96.52	50.84	41.46	53.15	69.65	63.49	63.40	67.52	61.23	62.00
Tapis (Dated) ²	108.03	62.08	79.14	114.43	118.27	114.85	107.81	56.60	44.2	56.37	73.69	69.16	67.08	72.91	66.63	70.08
PRODUCT PRICES																
<i>Rotterdam</i>																
Premium Unl 10 ppm	..	..	87.68	116.90	123.40	117.18	108.61	67.30	54.24	65.80	78.78	71.35	64.09	79.58	72.78	69.21
Naphtha	88.90	59.91	80.11	104.56	105.37	101.43	93.95	51.83	43.31	54.39	67.88	56.72	55.81	59.24	53.63	58.35
Jet/Kerosene	126.59	71.02	90.63	127.42	129.00	124.11	113.87	65.32	53.0	65.92	86.39	79.24	78.30	81.19	79.03	78.51
ULSD 10ppm	127.84	71.97	92.50	128.84	131.74	126.14	114.93	67.12	53.3	66.28	86.22	79.45	79.18	81.87	77.92	78.96
Gasoil 0.1 %	123.84	69.38	89.75	125.02	128.03	123.40	112.63	65.48	52.4	64.68	84.28	77.73	77.46	80.14	76.53	76.91
LSFO 1%	79.14	56.36	72.28	100.38	105.12	96.42	86.96	41.01	34.24	48.72	63.22	62.21	60.18	64.33	61.60	62.83
HSFO 3.5%	70.11	52.93	67.99	94.51	97.65	91.47	81.04	37.85	30.62	45.63	61.13	50.31	57.19	60.06	51.20	33.35
<i>Mediterranean</i>																
Premium Unl 10 ppm	98.10	68.92	87.24	117.63	124.01	117.76	109.27	67.91	55.34	65.83	79.41	71.31	65.29	77.58	72.12	70.45
Naphtha	86.02	58.13	78.08	102.28	102.82	98.90	91.47	49.17	41.55	52.74	66.08	54.43	53.48	57.08	51.94	55.36
Jet Aviation Fuel	125.00	70.10	89.61	126.28	127.68	122.85	112.58	63.82	52.0	65.04	85.37	77.76	76.90	79.75	77.97	76.48
ULSD 10ppm	126.47	71.87	91.90	128.82	130.76	125.41	114.69	66.84	53.4	66.20	86.03	79.05	79.13	81.24	77.73	78.23
Gasoil 0.1 %	125.67	69.93	90.03	124.79	127.33	123.16	112.24	64.68	52.1	64.60	84.74	77.70	77.51	79.68	76.99	76.72
LSFO 1%	80.95	56.92	73.11	101.55	106.57	97.90	88.53	42.19	34.96	49.91	64.31	63.90	62.56	65.04	62.73	65.32
HSFO 3.5%	70.42	52.38	67.39	93.87	97.00	90.82	80.53	39.23	32.94	47.22	62.06	52.17	58.47	60.65	52.70	37.35
<i>US Gulf Coast</i>																
Super Unleaded	109.38	73.42	91.29	123.86	131.91	127.42	117.36	77.29	62.7	73.82	85.71	79.24	72.72	87.04	81.48	75.52
Unleaded	104.50	69.52	87.01	116.66	120.03	114.66	106.68	66.94	56.8	67.98	80.10	72.28	65.69	80.84	74.00	68.37
Jet/Kerosene	124.07	69.93	90.31	125.92	128.22	122.67	113.30	63.86	52.4	65.40	85.12	78.81	78.34	80.80	78.19	77.90
ULSD 10 ppm	126.47	71.87	91.90	125.32	128.68	123.93	114.42	66.69	55.9	68.46	86.47	79.61	79.29	81.85	78.31	78.99
No. 6 3% ³	72.59	55.92	69.70	95.72	99.32	92.96	82.82	40.73	32.12	46.03	60.20	52.57	60.09	60.32	50.83	39.32
<i>Singapore</i>																
Premium Unleaded	103.25	70.37	88.48	119.81	123.44	118.98	110.75	69.09	56.2	67.96	80.21	72.55	67.20	75.06	72.76	75.03
Naphtha	89.89	61.07	79.41	102.75	103.73	101.19	94.43	52.88	42.81	53.99	67.50	57.15	56.16	58.68	53.64	60.13
Jet/Kerosene	122.30	70.26	90.28	125.70	126.81	122.87	112.40	64.69	53.0	65.28	85.05	77.26	76.35	79.77	77.00	75.99
Gasoil 0.05%	123.42	70.43	90.39	126.25	128.08	123.24	112.53	64.47	52.2	65.65	84.33	77.23	76.13	79.92	76.61	76.32
LSWR Cracked	..	..	..	109.75	115.43	106.16	98.55	48.07	39.64	52.47	67.44	64.61	66.11	71.34	66.74	54.62
HSFO 180 CST	81.17	58.59	74.09	102.25	105.73	97.48	88.29	45.83	36.47	50.84	67.04	58.62	63.96	65.23	62.33	43.51
HSFO 380 CST 4%	78.72	58.12	72.88	100.65	103.94	96.39	87.22	44.55	35.63	50.01	66.01	57.57	63.36	63.40	61.43	42.63

¹Since 2006: WTI Formula Basis month 1.²Previous to April 2011 the assessment for official Tapis selling price.³Waterborne

TABLE 16.2
IEA/KBC Global Indicator Refining Margins 2012-2019¹

	2012	2013	2014	2015	2016	2017	2018	2019	1Q19	2Q19	3Q19	4Q19
NW Europe												
Brent (Cracking)	6.37	3.48	3.35	7.28	4.28	5.96	4.43	4.96	3.40	4.64	7.01	4.80
Urals (Cracking)	6.35	3.43	3.85	7.69	5.61	6.47	5.44	4.20	3.94	4.42	6.27	2.16
Brent (Hydroskimming)	1.72	-1.76	-1.84	1.61	-0.07	2.10	0.38	2.48	1.42	1.34	4.37	2.78
Urals (Hydroskimming)	-0.17	-3.11	-2.86	1.00	0.24	1.80	0.84	-1.19	1.21	0.02	1.08	-7.08
Mediterranean												
Es Sider (Cracking)	7.82	4.85	5.24	8.86	6.11	7.46	6.85	6.34	6.56	4.72	7.94	6.14
Urals (Cracking)	6.99	3.94	4.49	7.70	5.69	6.82	6.43	4.73	5.73	4.05	6.29	2.86
Es Sider (Hydroskimming)	3.35	-0.25	0.30	3.89	2.33	4.17	2.84	3.79	3.98	1.83	5.39	3.96
Urals (Hydroskimming)	-0.65	-3.90	-3.41	0.92	0.61	2.23	1.06	-1.31	1.58	-0.53	0.63	-6.93
US Gulf Coast												
50/50 HLS/LLS (Cracking)	6.18	5.69	7.78	9.14	6.54	9.46	8.55	9.01	6.20	10.06	10.74	9.05
Mars (Cracking)	2.36	1.38	1.91	5.65	4.72	6.37	4.24	2.40	2.04	4.67	3.72	-0.85
ASCI (Cracking)	2.05	1.15	1.88	5.38	4.37	6.04	3.93	2.20	2.07	4.52	3.61	-1.38
50/50 HLS/LLS (Coking)	7.27	7.07	9.28	11.16	8.55	11.18	10.27	9.80	6.89	11.09	11.86	9.36
50/50 Maya/Mars (Coking)	5.63	3.87	6.24	10.48	9.75	10.46	8.22	6.04	2.81	7.08	7.50	6.76
ASCI (Coking)	5.53	5.61	6.97	11.14	9.97	10.83	8.89	7.25	4.31	8.22	9.01	7.46
US Midcon												
WTI (Cracking)	24.45	17.43	13.77	16.19	9.55	13.50	13.06	14.78	12.18	21.31	15.15	10.49
30/70 WCS/Bakken (Cracking)	29.19	22.63	17.72	15.72	8.78	12.47	18.66	13.62	11.66	20.63	13.98	8.20
Bakken (Cracking)	30.26	23.35	20.61	18.67	10.43	13.71	16.95	15.55	11.99	22.73	16.41	11.07
WTI (Coking)	25.51	19.26	15.76	18.56	11.71	15.36	14.85	15.64	12.83	22.71	16.26	10.77
30/70 WCS/Bakken (Coking)	31.02	25.57	21.33	19.66	12.36	15.44	21.66	16.52	12.64	23.06	16.97	13.43
Bakken (Coking)	30.34	23.84	21.21	19.66	11.35	14.45	17.58	15.72	12.05	23.19	16.71	10.92
Singapore												
Dubai (Hydroskimming)	0.04	-1.63	-1.98	0.62	0.18	1.72	0.83	-1.29	0.63	-0.81	2.31	-7.29
Tapis (Hydroskimming)	0.36	-2.76	0.55	4.28	1.88	3.34	1.77	-0.03	0.98	-0.52	2.38	-2.96
Dubai (Hydrocracking)	6.54	5.58	5.29	6.61	5.15	6.06	4.96	3.81	3.03	3.46	6.02	2.70
Tapis (Hydrocracking)	2.62	0.52	3.47	8.30	4.89	6.36	4.86	2.06	2.17	0.73	3.94	1.38

¹ Global Indicator Refining Margins are calculated for various complexity configurations, each optimised for processing the specific crude(s) in a specific refining centre. Margins include energy cost, but exclude other variable costs, depreciation and amortisation. Consequently, reported margins should be taken as an indication, or proxy, of changes in profitability for a given refining centre. No attempt is made to model or otherwise comment upon the relative economics of specific refineries running individual crude slates and producing custom product sales, nor are these calculations intended to infer the marginal values of crude for pricing purposes.

Source: IEA, KBC Advanced Technologies (KBC)

Note: A methodology change in Dubai hydrocracking margins resulted in a revision of historical values.

TABLE 17
Monthly Weighted Average CIF¹ Cost of Crude Oil Imported into IEA Regions² 2016-2019
(US dollars per barrel)

		Americas ²	Europe ^{2,3}	Asia Oceania ²	Total IEA ^{2,3}
1Q16	January	27.89	30.73	33.86	30.70
	February	26.99	30.97	29.88	29.44
	March	30.76	36.06	33.06	33.60
	Quarterly Average	28.58	32.61	32.22	31.27
2Q16	April	34.58	39.33	37.97	37.51
	May	39.22	44.67	42.10	42.26
	June	43.50	46.84	46.12	45.58
	Quarterly Average	39.11	43.53	41.99	41.73
3Q16	July	42.29	44.26	46.86	44.25
	August	40.53	44.06	44.56	43.05
	September	40.61	44.99	44.99	43.67
	Quarterly Average	41.17	44.42	45.47	43.66
4Q16	October	43.56	47.36	45.95	45.83
	November	42.48	44.54	48.71	44.95
	December	45.54	50.92	48.22	48.55
	Quarterly Average	43.88	47.62	47.68	46.48
1Q17	January	47.39	53.30	53.87	51.65
	February	48.62	53.52	55.55	52.52
	March	47.05	51.02	55.11	50.86
	Quarterly Average	47.67	52.61	54.82	51.66
2Q17	April	46.73	50.99	53.34	50.28
	May	47.11	49.30	53.03	49.44
	June	44.49	46.58	50.42	46.83
	Quarterly Average	46.13	48.94	52.30	48.85
3Q17	July	44.81	47.43	47.95	46.77
	August	46.43	50.63	49.42	49.06
	September	48.73	54.49	52.49	52.31
	Quarterly Average	46.56	50.77	49.91	49.30
4Q17	October	50.65	56.72	55.67	54.58
	November	54.97	61.29	58.75	58.78
	December	56.68	63.75	63.14	61.45
	Quarterly Average	54.09	60.58	59.36	58.31
1Q18	January	59.41	67.89	65.56	64.62
	February	57.35	66.24	68.11	64.14
	March	56.11	65.14	66.06	62.57
	Quarterly Average	57.67	66.44	66.51	63.79
2Q18	April	59.22	69.52	67.09	65.57
	May	65.03	74.60	72.20	70.94
	June	66.14	73.68	75.85	71.58
	Quarterly Average	63.54	72.63	71.62	69.38
3Q18	July	66.38	73.59	76.29	71.95
	August	64.44	71.96	76.11	70.81
	September	64.36	77.20	76.81	73.10
	Quarterly Average	65.10	74.19	76.38	71.92
4Q18	October	65.30	80.15	80.05	75.82
	November	51.90	67.96	77.56	65.83
	December	41.95	58.44	68.10	56.05
	Quarterly Average	52.96	68.77	75.32	65.88
1Q19	January	47.54	58.65	62.11	56.33
	February	54.69	62.96	62.96	60.79
	March	59.15	65.78	66.49	64.06
	Quarterly Average	53.65	62.42	63.83	60.34
2Q19	April	63.50	70.42	69.65	68.26
	May	65.12	71.21	72.46	69.77
	June	59.11	65.59	70.17	64.78
	Quarterly Average	62.53	69.11	70.75	67.62
3Q19	July	57.81	64.63	66.29	63.16
	August	55.77	60.14	65.85	60.45
	September	56.30	62.13	63.86	60.87
	Quarterly Average	56.63	62.31	65.40	61.51
4Q19	October	54.29	60.70	64.68	60.06
	November	54.59	63.18	64.82	61.32
	December	55.19	66.34	67.40	63.47
	Quarterly Average	54.71	63.40	65.68	61.66

¹ CIF stands for Cost, Insurance and Freight.

TABLE 18
Weighted Average CIF¹ Cost of Crude Oil Imported into IEA Countries² 2004-2019
(US dollars per barrel)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Americas																
Canada	38.13	52.37	64.33	70.04	101.41	60.29	79.14	110.80	110.61	108.60	98.60	53.48	43.60	54.30	70.88	63.12
United States	35.86	48.82	59.17	66.77	94.97	58.83	76.02	102.43	101.16	97.26	89.43	45.81	37.94	48.12	59.19	56.33
Total²	36.05	49.12	59.58	67.03	95.48	58.95	76.27	103.05	101.97	98.20	90.10	46.45	38.28	48.58	60.02	56.93
Europe																
Austria	38.21	53.15	64.44	71.86	103.05	60.69	80.00	110.92	112.50	110.63	103.81	55.52	42.89	54.73	71.12	64.52
Belgium	35.35	50.06	61.06	70.35	96.01	61.77	79.65	110.50	110.83	108.45	98.49	51.65	42.06	53.01	70.57	63.78
Czech Republic	34.82	51.28	62.05	68.54	97.71	60.77	79.04	110.42	112.33	110.26	102.13	54.91	42.80	53.69	71.51	64.39
Denmark	38.78	54.40	66.92	74.94	96.48	62.87	80.40	112.77	107.90	107.25	100.19	52.43	44.69	55.40	72.04	64.88
Finland	36.09	51.12	63.37	70.48	94.79	61.01	79.10	109.23	110.47	107.57	97.53	49.28	42.19	53.04	68.49	63.58
France	37.61	52.74	63.69	72.22	97.63	61.64	79.78	111.78	112.01	109.56	99.40	53.14	43.48	54.47	71.59	64.98
Germany	36.65	52.30	63.29	71.60	96.70	61.18	78.49	110.63	112.21	109.62	99.76	52.65	42.80	54.02	70.50	64.43
Greece	34.53	50.33	60.97	69.93	93.60	60.10	78.97	109.41	111.92	107.61	95.55	49.32	40.08	50.81	68.14	62.24
Ireland	39.24	55.24	66.38	74.16	100.39	62.61	80.95	113.92	115.64	110.46	99.87	53.54	45.03	55.01	72.18	65.03
Italy	36.60	51.33	62.50	70.20	96.67	60.69	79.29	110.23	112.18	109.98	99.09	52.06	42.33	53.17	70.88	64.70
Netherlands	35.02	50.00	61.47	68.74	97.89	60.54	78.55	109.19	111.54	108.55	99.22	51.66	41.62	52.63	69.99	63.96
Norway	39.20	53.08	58.83	70.16	80.22	69.08	81.06	111.18	108.23	109.07	101.61	51.29	46.12	53.70	72.69	67.41
Poland	..	..	..	..	94.02	60.83	77.89	109.58	109.97	107.71	96.28	49.75	40.64	52.63	69.06	63.49
Portugal	37.89	51.94	62.77	70.23	98.83	62.49	79.13	112.33	112.21	109.74	100.22	53.44	42.73	53.59	71.36	65.89
Slovak Republic	..	..	..	69.97	90.49	59.37	78.72	108.90	109.83	107.29	95.63	50.70	42.32	53.71	70.14	62.88
Spain	36.03	50.54	60.99	68.66	94.86	59.78	77.84	108.50	109.48	106.77	97.07	49.51	40.08	51.69	69.02	62.84
Sweden	36.47	51.78	62.50	70.13	95.09	60.58	79.00	110.67	112.36	109.10	97.75	51.19	42.41	54.17	71.49	64.80
Switzerland	38.73	55.81	66.76	74.92	101.03	63.27	80.92	112.51	111.30	110.35	101.91	54.38	44.73	56.31	72.32	64.57
Turkey	34.90	50.65	61.48	68.59	98.07	61.27	78.26	109.81	111.70	108.37	99.71	51.42	41.28	52.01	71.16	65.09
United Kingdom	37.75	53.79	65.00	73.80	99.34	62.39	80.60	113.49	112.62	110.27	100.07	53.81	44.62	54.69	72.65	65.58
Total^{2,3}	36.53	51.74	62.77	70.81	96.83	61.09	79.05	110.54	111.58	108.93	98.89	51.83	42.18	53.26	70.52	64.25
Asia Oceania																
Japan	36.59	51.57	64.03	70.09	100.98	61.29	79.43	109.30	114.75	110.61	104.16	54.20	41.79	54.42	72.85	66.78
Korea	36.15	50.19	62.82	70.01	98.11	61.12	78.72	108.63	113.24	108.59	101.24	53.32	41.00	53.47	71.56	65.42
Australia	40.93	56.71	66.71	77.13	107.83	63.40	82.60	115.66	117.78	114.19	107.05	57.90	46.87	56.99	76.03	70.21
New Zealand	41.71	56.07	67.36	73.84	105.80	65.85	80.62	112.38	117.70	113.43	105.96	57.99	44.91	55.91	75.68	69.27
Total²	36.65	51.33	63.68	70.48	100.43	61.39	79.34	109.45	114.42	110.14	103.25	54.07	41.75	54.13	72.46	66.38
IEA^{2,3}	36.38	50.67	61.80	69.33	97.19	60.40	78.13	107.61	109.15	105.85	97.43	50.88	40.86	52.05	67.77	62.75

1 CIF stands for Cost, Insurance and Freight.

2 Regional aggregates are volume-weighted. Data are based on monthly submissions from IEA countries to the crude oil import register.

3 Poland is not included prior to 2008; and the Slovak Republic prior to 2007. Hungary is not covered. Data for Mexico are not available.

TABLE 19.1
Monthly End-Use Prices for Oil Products 2019
(in national currencies¹)

	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19
PRICES INCLUDING TAXES												
GASOLINE² (per litre)												
France	1.423	1.442	1.481	1.559	1.584	1.537	1.514	1.502	1.495	1.500	1.507	1.523
Germany	1.342	1.336	1.360	1.458	1.523	1.501	1.460	1.427	1.408	1.397	1.397	1.389
Italy	1.488	1.514	1.552	1.603	1.626	1.603	1.593	1.577	1.576	1.577	1.574	1.581
Spain	1.203	1.237	1.267	1.327	1.356	1.321	1.320	1.319	1.310	1.306	1.298	1.308
United Kingdom	1.196	1.192	1.202	1.243	1.284	1.282	1.272	1.284	1.273	1.266	1.255	1.249
Japan	143.0	143.3	145.2	147.0	150.2	147.9	145.7	144.6	143.7	147.2	146.9	147.9
Canada	1.069	1.097	1.217	1.334	1.338	1.220	1.269	1.206	1.203	1.206	1.182	1.173
United States	0.594	0.610	0.665	0.739	0.755	0.718	0.724	0.692	0.685	0.694	0.686	0.675
AUTOMOTIVE DIESEL³ (per litre)												
France	1.398	1.430	1.460	1.470	1.482	1.433	1.420	1.415	1.433	1.441	1.441	1.458
Germany	1.233	1.247	1.260	1.272	1.297	1.260	1.248	1.234	1.248	1.257	1.251	1.267
Italy	1.432	1.459	1.493	1.508	1.519	1.495	1.481	1.465	1.468	1.473	1.469	1.477
Spain	1.156	1.199	1.228	1.244	1.260	1.215	1.209	1.206	1.212	1.215	1.215	1.226
United Kingdom	1.294	1.294	1.308	1.332	1.357	1.343	1.320	1.326	1.319	1.314	1.303	1.301
Japan	124.1	124.4	126.1	127.7	130.7	128.7	126.7	125.8	125.0	127.7	127.5	128.4
Canada	1.172	1.185	1.232	1.269	1.289	1.223	1.193	1.184	1.202	1.247	1.283	1.285
United States	0.787	0.792	0.813	0.824	0.835	0.816	0.804	0.794	0.797	0.807	0.811	0.807
DOMESTIC HEATING OIL (per litre)												
France	0.896	0.932	0.948	0.953	0.965	0.912	0.913	0.906	0.930	0.928	0.929	0.953
Germany	0.705	0.706	0.720	0.736	0.748	0.704	0.703	0.700	0.710	0.708	0.696	0.708
Italy	1.276	1.292	1.308	1.325	1.333	1.287	1.299	1.295	1.310	1.309	1.315	1.325
Spain	0.716	0.754	0.775	0.794	0.812	0.760	0.771	0.769	0.784	0.769	0.768	0.777
United Kingdom	0.567	0.588	0.585	0.596	0.615	0.582	0.592	0.591	0.602	0.588	0.581	0.586
Japan ⁴	87.9	87.9	88.9	90.0	91.9	91.2	90.3	90.1	89.4	90.9	90.7	91.2
Canada	1.111	1.120	1.138	1.168	1.190	1.146	1.129	1.118	1.125	1.146	1.160	1.194
United States	0.775	0.800	0.806	0.820	0.800	0.778	0.775	0.758	0.765	0.795	0.788	0.802
LOW SULPHUR FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.531	0.566	0.579	0.590	0.592	0.570	0.584	0.557	0.548	0.566	0.567	0.601
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Italy	0.444	0.474	0.489	0.501	0.499	0.482	0.496	0.466	0.463	0.476	0.481	0.509
Spain	0.403	0.402	0.433	0.443	0.454	0.446	0.444	0.439	0.433	0.429	0.434	0.458
United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c
Japan	68.9	70.8	72.9	75.2	75.9	72.0	71.5	69.6	70.1	70.0	71.3	73.1
United States	0.448	0.493	0.515	0.530	0.514	0.503	0.511	0.461	0.490	0.485	0.501	0.548
PRICES EXCLUDING TAXES												
GASOLINE² (per litre)												
France	0.495	0.511	0.543	0.608	0.629	0.590	0.571	0.561	0.555	0.559	0.565	0.578
Germany	0.474	0.468	0.488	0.570	0.625	0.606	0.572	0.544	0.528	0.519	0.519	0.513
Italy	0.492	0.513	0.544	0.586	0.605	0.586	0.578	0.565	0.564	0.565	0.562	0.568
Spain	0.521	0.549	0.574	0.624	0.648	0.619	0.618	0.617	0.610	0.606	0.600	0.608
United Kingdom	0.417	0.413	0.423	0.456	0.490	0.488	0.481	0.490	0.481	0.475	0.466	0.461
Japan	75.8	76.1	77.8	79.5	82.5	80.3	78.3	77.3	76.5	79.7	79.4	80.3
Canada	0.673	0.699	0.808	0.889	0.894	0.797	0.839	0.782	0.780	0.783	0.760	0.751
United States	0.470	0.486	0.541	0.615	0.631	0.594	0.600	0.568	0.558	0.567	0.559	0.548
AUTOMOTIVE DIESEL³ (per litre)												
France	0.556	0.583	0.608	0.616	0.626	0.585	0.574	0.570	0.585	0.592	0.592	0.606
Germany	0.566	0.578	0.589	0.599	0.620	0.589	0.579	0.567	0.579	0.586	0.581	0.595
Italy	0.557	0.579	0.607	0.619	0.628	0.608	0.597	0.584	0.586	0.590	0.587	0.594
Spain	0.576	0.612	0.636	0.649	0.662	0.625	0.620	0.618	0.623	0.625	0.625	0.634
United Kingdom	0.499	0.498	0.510	0.530	0.552	0.540	0.520	0.525	0.519	0.516	0.506	0.504
Japan	82.4	82.7	84.2	85.7	88.5	86.6	84.8	84.0	83.2	85.7	85.5	86.4
Canada	0.825	0.838	0.880	0.884	0.905	0.859	0.828	0.820	0.836	0.878	0.906	0.911
United States	0.643	0.648	0.668	0.679	0.690	0.671	0.659	0.649	0.649	0.659	0.663	0.659
DOMESTIC HEATING OIL (per litre)												
France	0.591	0.621	0.634	0.638	0.648	0.604	0.604	0.599	0.619	0.617	0.618	0.638
Germany	0.531	0.532	0.544	0.557	0.567	0.530	0.530	0.527	0.535	0.533	0.523	0.533
Italy	0.643	0.656	0.669	0.683	0.690	0.652	0.661	0.658	0.671	0.670	0.674	0.683
Spain	0.495	0.526	0.544	0.559	0.574	0.531	0.541	0.539	0.552	0.539	0.538	0.545
United Kingdom	0.429	0.448	0.446	0.457	0.474	0.443	0.452	0.452	0.462	0.448	0.442	0.447
Japan ⁴	78.6	78.6	79.5	80.5	82.3	81.6	80.8	80.6	80.0	81.4	81.2	81.6
Canada	1.000	1.008	1.024	1.042	1.048	1.009	0.993	0.983	0.990	1.008	1.021	1.051
LOW SULPHUR FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.392	0.426	0.440	0.451	0.452	0.431	0.444	0.418	0.408	0.426	0.428	0.462
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Italy	0.413	0.443	0.458	0.470	0.468	0.451	0.464	0.435	0.432	0.445	0.449	0.478
Spain	0.386	0.385	0.416	0.426	0.437	0.429	0.427	0.422	0.416	0.412	0.417	0.441
United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c
Japan	68.9	70.8	72.9	75.2	75.9	72.0	71.5	69.6	70.1	70.0	71.3	73.1

¹ Euros for France, Germany, Italy and Spain; pounds for United Kingdom; yen for Japan; Canadian dollars for Canada; US dollars for United States.
² Unleaded premium (95 RON) for France, Germany, Italy, Spain and United Kingdom; regular unleaded for Canada, Japan and United States.

³ Automotive diesel prices are for non-commercial use.

⁴ Kerosene for Japan.

⁵ VAT excluded from prices for European countries as it is refunded to industry.

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For more information, please see "Monthly Oil Price Statistics" report (<https://www.iea.org/statistics/monthly/#oilprices>).

TABLE 19.2
Monthly End-Use Prices for Oil Products 2019
(in US dollars¹)

	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19
PRICES INCLUDING TAXES												
GASOLINE² (per litre)												
France	1.625	1.636	1.673	1.752	1.772	1.736	1.698	1.671	1.646	1.658	1.665	1.692
Germany	1.532	1.516	1.536	1.638	1.704	1.695	1.637	1.588	1.550	1.544	1.544	1.543
Italy	1.699	1.718	1.753	1.801	1.819	1.811	1.786	1.754	1.735	1.743	1.739	1.757
Spain	1.374	1.403	1.431	1.491	1.517	1.492	1.480	1.467	1.442	1.444	1.434	1.453
United Kingdom	1.542	1.551	1.582	1.620	1.649	1.625	1.586	1.561	1.573	1.600	1.617	1.636
Japan	1.310	1.299	1.305	1.317	1.364	1.369	1.346	1.360	1.337	1.361	1.350	1.355
Canada	0.803	0.831	0.910	0.997	0.994	0.918	0.969	0.908	0.908	0.914	0.893	0.891
United States	0.594	0.610	0.665	0.739	0.755	0.718	0.724	0.692	0.685	0.694	0.686	0.675
AUTOMOTIVE DIESEL³ (per litre)												
France	1.596	1.622	1.649	1.652	1.658	1.619	1.592	1.574	1.577	1.593	1.592	1.620
Germany	1.408	1.415	1.423	1.429	1.451	1.423	1.400	1.373	1.374	1.389	1.382	1.408
Italy	1.635	1.655	1.687	1.694	1.699	1.689	1.661	1.630	1.616	1.628	1.623	1.641
Spain	1.320	1.360	1.387	1.398	1.410	1.372	1.356	1.342	1.334	1.343	1.343	1.362
United Kingdom	1.668	1.684	1.722	1.736	1.743	1.703	1.646	1.612	1.629	1.661	1.679	1.704
Japan	1.137	1.128	1.134	1.144	1.187	1.191	1.171	1.183	1.163	1.181	1.172	1.176
Canada	0.880	0.897	0.922	0.949	0.958	0.920	0.911	0.892	0.908	0.945	0.969	0.976
United States	0.787	0.792	0.813	0.824	0.835	0.816	0.804	0.794	0.797	0.807	0.811	0.807
DOMESTIC HEATING OIL (per litre)												
France	1.024	1.058	1.071	1.071	1.079	1.031	1.023	1.008	1.023	1.026	1.026	1.059
Germany	0.805	0.801	0.814	0.827	0.837	0.795	0.789	0.779	0.782	0.782	0.769	0.786
Italy	1.457	1.466	1.478	1.489	1.492	1.454	1.456	1.440	1.443	1.447	1.453	1.473
Spain	0.818	0.855	0.876	0.892	0.908	0.858	0.865	0.856	0.863	0.850	0.849	0.863
United Kingdom	0.732	0.765	0.770	0.777	0.789	0.738	0.738	0.719	0.743	0.743	0.748	0.768
Japan ⁴	0.805	0.797	0.799	0.806	0.835	0.844	0.834	0.847	0.832	0.841	0.834	0.835
Canada	0.835	0.848	0.851	0.873	0.884	0.863	0.862	0.842	0.850	0.869	0.876	0.907
United States	0.775	0.800	0.806	0.820	0.800	0.778	0.775	0.758	0.765	0.795	0.788	0.802
LOW SULPHUR FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.607	0.642	0.654	0.663	0.662	0.644	0.655	0.620	0.603	0.625	0.627	0.668
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Italy	0.507	0.538	0.553	0.563	0.558	0.544	0.556	0.519	0.510	0.526	0.531	0.566
Spain	0.460	0.456	0.490	0.497	0.508	0.504	0.498	0.488	0.477	0.474	0.480	0.509
United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c
Japan	0.631	0.642	0.655	0.674	0.689	0.666	0.661	0.655	0.652	0.647	0.655	0.670
United States	0.448	0.493	0.515	0.530	0.514	0.503	0.511	0.461	0.490	0.485	0.501	0.548
PRICES EXCLUDING TAXES												
GASOLINE² (per litre)												
France	0.565	0.580	0.613	0.683	0.704	0.666	0.640	0.624	0.611	0.618	0.624	0.642
Germany	0.541	0.531	0.551	0.640	0.699	0.684	0.641	0.605	0.581	0.574	0.573	0.570
Italy	0.562	0.582	0.615	0.658	0.677	0.662	0.648	0.629	0.621	0.625	0.621	0.631
Spain	0.595	0.623	0.648	0.701	0.725	0.699	0.693	0.686	0.671	0.670	0.663	0.676
United Kingdom	0.538	0.538	0.557	0.594	0.629	0.619	0.600	0.596	0.594	0.600	0.600	0.604
Japan	0.695	0.690	0.699	0.712	0.749	0.743	0.723	0.727	0.712	0.737	0.730	0.735
Canada	0.505	0.529	0.604	0.665	0.664	0.600	0.640	0.589	0.589	0.594	0.574	0.570
United States	0.470	0.486	0.541	0.615	0.631	0.594	0.600	0.568	0.558	0.567	0.559	0.548
AUTOMOTIVE DIESEL³ (per litre)												
France	0.635	0.661	0.687	0.692	0.700	0.661	0.644	0.634	0.644	0.654	0.654	0.673
Germany	0.646	0.656	0.665	0.673	0.694	0.665	0.649	0.631	0.637	0.648	0.642	0.661
Italy	0.636	0.657	0.686	0.696	0.703	0.687	0.670	0.650	0.645	0.652	0.649	0.660
Spain	0.658	0.694	0.718	0.729	0.741	0.706	0.695	0.688	0.686	0.691	0.691	0.704
United Kingdom	0.643	0.648	0.671	0.691	0.709	0.685	0.648	0.638	0.641	0.652	0.652	0.660
Japan	0.755	0.750	0.757	0.768	0.804	0.801	0.784	0.790	0.774	0.793	0.786	0.791
Canada	0.620	0.634	0.658	0.661	0.672	0.646	0.632	0.618	0.631	0.666	0.684	0.692
United States	0.643	0.648	0.668	0.679	0.690	0.671	0.659	0.649	0.649	0.659	0.663	0.659
DOMESTIC HEATING OIL (per litre)												
France	0.675	0.704	0.716	0.717	0.724	0.682	0.678	0.666	0.681	0.682	0.682	0.709
Germany	0.606	0.603	0.614	0.626	0.634	0.599	0.594	0.586	0.589	0.589	0.578	0.593
Italy	0.734	0.744	0.756	0.767	0.772	0.737	0.742	0.732	0.739	0.740	0.745	0.759
Spain	0.565	0.597	0.615	0.628	0.642	0.600	0.607	0.599	0.607	0.596	0.594	0.606
United Kingdom	0.553	0.583	0.587	0.595	0.609	0.562	0.564	0.549	0.570	0.567	0.569	0.585
Japan ⁴	0.720	0.712	0.715	0.721	0.748	0.755	0.746	0.758	0.744	0.752	0.746	0.748
Canada	0.751	0.763	0.766	0.779	0.779	0.760	0.758	0.741	0.748	0.764	0.771	0.798
LOW SULPHUR FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.447	0.484	0.497	0.506	0.506	0.486	0.498	0.465	0.449	0.471	0.473	0.513
Germany	..	..	..	..	..	..	..	..	..	..	..	..
Italy	0.471	0.503	0.517	0.528	0.523	0.509	0.521	0.484	0.475	0.492	0.496	0.531
Spain	0.441	0.437	0.470	0.478	0.489	0.485	0.479	0.469	0.458	0.455	0.461	0.491
United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c
Japan	0.631	0.642	0.655	0.674	0.689	0.666	0.661	0.655	0.652	0.647	0.655	0.670

1 Converted from national currencies using nominal exchange rates taken from *OECD Main Economic Indicators*.

2 Unleaded premium (95 RON) for France, Germany, Italy, Spain and United Kingdom; regular unleaded for Canada, Japan and United States.

3 Automotive diesel prices are for non-commercial use.

4 Kerosene for Japan.

5 VAT excluded from prices for European countries as it is refunded to industry.

.. - Not available; c - Confidential

TABLE 20.1
Annual End-Use Prices for Oil Products 2008-2019
(in national currencies¹)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
PRICES INCLUDING TAXES												
GASOLINE² (per litre)												
France	1.356	1.207	1.344	1.500	1.567	1.538	1.486	1.356	1.301	1.375	1.507	1.505
Germany	1.403	1.295	1.417	1.560	1.651	1.598	1.536	1.401	1.303	1.372	1.464	1.438
Italy	1.381	1.234	1.364	1.555	1.787	1.749	1.712	1.538	1.444	1.528	1.599	1.574
Spain	1.108	1.002	1.165	1.319	1.424	1.431	1.387	1.228	1.151	1.218	1.290	1.298
United Kingdom	1.071	0.993	1.169	1.333	1.354	1.341	1.275	1.111	1.088	1.176	1.252	1.249
Japan	156.9	120.2	132.9	145.8	146.9	156.0	162.9	137.6	120.6	133.5	149.7	146.0
Canada	1.141	0.945	1.035	1.239	1.275	1.281	1.283	1.088	1.029	1.146	1.288	1.209
United States	0.859	0.622	0.735	0.932	0.958	0.926	0.889	0.640	0.568	0.639	0.720	0.686
AUTOMOTIVE DIESEL³ (per litre)												
France	1.270	1.002	1.145	1.336	1.396	1.350	1.288	1.155	1.102	1.230	1.437	1.439
Germany	1.333	1.090	1.226	1.425	1.490	1.429	1.363	1.189	1.099	1.180	1.316	1.294
Italy	1.344	1.081	1.216	1.448	1.706	1.658	1.610	1.406	1.282	1.384	1.488	1.480
Spain	1.130	0.911	1.075	1.270	1.365	1.359	1.306	1.115	1.014	1.101	1.204	1.215
United Kingdom	1.175	1.039	1.193	1.387	1.418	1.404	1.335	1.149	1.101	1.201	1.300	1.315
Japan	140.5	103.5	112.8	126.0	127.2	135.2	141.9	117.0	102.0	112.2	128.4	126.9
Canada	1.251	0.896	1.009	1.245	1.254	1.285	1.341	1.092	0.977	1.102	1.288	1.231
United States	1.003	0.651	0.791	1.016	1.049	1.036	1.011	0.715	0.610	0.701	0.841	0.807
DOMESTIC HEATING OIL (per litre)												
France	0.837	0.575	0.713	0.887	0.969	0.927	0.861	0.711	0.633	0.739	0.912	0.929
Germany	0.761	0.524	0.644	0.816	0.888	0.835	0.769	0.592	0.492	0.570	0.694	0.676
Italy	1.234	1.042	1.172	1.354	1.455	1.421	1.379	1.168	1.095	1.168	1.270	1.307
Spain	0.812	0.554	0.693	0.861	0.950	0.912	0.857	0.664	0.565	0.655	0.759	0.771
United Kingdom	0.585	0.440	0.541	0.681	0.708	0.698	0.623	0.458	0.426	0.505	0.594	0.588
Japan ⁴	106.1	66.7	76.3	90.5	91.7	98.9	105.2	82.1	64.2	78.1	91.8	90.9
Canada	1.134	0.784	0.903	1.128	1.177	1.203	1.253	1.050	0.959	0.977	1.151	1.117
United States	0.892	0.698	0.820	1.019	1.049	1.048	1.030	0.734	0.583	0.695	0.835	0.831
FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.402	0.317	0.411	0.522	0.601	0.552	0.518	0.376	0.342	0.452	0.562	0.569
Germany	0.405	0.315	0.394	0.513	0.567	0.506	0.452	0.278	0.231	..	..	..
Italy	0.434	0.331	0.440	0.560	0.644	0.574	0.538	0.386	0.315	0.382	0.444	0.483
Spain	0.438	0.328	0.423	0.525	0.601	0.559	0.529	0.345	0.279	0.363	0.427	0.435
United Kingdom	..	c	c	c	c	c	c	c	c	c	c	c
Japan	93.1	52.1	62.1	74.8	77.6	84.6	87.9	62.3	48.2	59.6	74.1	71.8
Canada	0.610	0.493	0.568	0.734	0.779	0.740	0.692	0.401	0.340	0.467	0.585	0.594
United States	0.558	0.372	0.482	0.670	0.727	0.694	0.647	0.353	0.264	0.359	0.465	0.442
PRICES EXCLUDING TAXES												
GASOLINE² (per litre)												
France	0.528	0.403	0.518	0.643	0.706	0.673	0.626	0.500	0.437	0.487	0.565	0.563
Germany	0.525	0.433	0.536	0.656	0.733	0.688	0.636	0.523	0.440	0.499	0.576	0.554
Italy	0.588	0.464	0.573	0.696	0.760	0.714	0.673	0.532	0.455	0.524	0.583	0.562
Spain	0.559	0.442	0.556	0.675	0.740	0.718	0.681	0.553	0.489	0.546	0.604	0.600
United Kingdom	0.408	0.319	0.423	0.529	0.549	0.538	0.483	0.347	0.328	0.400	0.464	0.461
Japan	95.7	58.6	70.8	83.0	84.0	92.5	95.6	71.1	55.1	67.0	82.0	78.0
Canada	0.815	0.630	0.694	0.858	0.883	0.887	0.889	0.705	0.648	0.747	0.873	0.788
United States	0.725	0.495	0.605	0.799	0.823	0.791	0.752	0.496	0.425	0.493	0.572	0.536
AUTOMOTIVE DIESEL³ (per litre)												
France	0.634	0.410	0.529	0.680	0.737	0.690	0.633	0.482	0.408	0.479	0.589	0.590
Germany	0.650	0.446	0.560	0.727	0.782	0.731	0.675	0.528	0.454	0.521	0.635	0.617
Italy	0.699	0.478	0.590	0.745	0.804	0.750	0.700	0.535	0.434	0.517	0.603	0.595
Spain	0.672	0.459	0.578	0.730	0.786	0.753	0.709	0.554	0.470	0.543	0.627	0.625
United Kingdom	0.496	0.360	0.443	0.574	0.602	0.591	0.533	0.378	0.338	0.422	0.504	0.516
Japan	102.5	66.0	74.8	87.4	88.5	95.9	99.9	76.1	62.0	71.4	86.4	84.6
Canada	0.985	0.652	0.739	0.941	0.946	0.970	1.020	0.776	0.667	0.769	0.931	0.865
United States	0.862	0.515	0.652	0.877	0.908	0.894	0.868	0.565	0.460	0.549	0.685	0.648
DOMESTIC HEATING OIL (per litre)												
France	0.643	0.424	0.539	0.685	0.754	0.719	0.661	0.516	0.432	0.497	0.605	0.618
Germany	0.578	0.379	0.480	0.625	0.685	0.640	0.585	0.436	0.352	0.418	0.522	0.507
Italy	0.625	0.465	0.573	0.723	0.799	0.768	0.727	0.554	0.494	0.554	0.638	0.668
Spain	0.616	0.391	0.504	0.644	0.712	0.666	0.621	0.461	0.379	0.452	0.537	0.540
United Kingdom	0.459	0.314	0.406	0.537	0.563	0.553	0.482	0.325	0.294	0.369	0.454	0.449
Japan ⁴	99.0	61.5	70.6	84.2	85.2	91.9	95.6	73.5	56.7	69.5	82.2	81.0
Canada	1.043	0.721	0.822	1.016	1.058	1.086	1.131	0.946	0.862	0.879	1.035	0.986
United States	0.850	0.666	0.782	0.972	1.000	0.999	0.982	0.700	0.556	0.662	0.796	0.792
FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.383	0.298	0.393	0.504	0.583	0.533	0.497	0.331	0.273	0.357	0.423	0.429
Germany	0.380	0.290	0.369	0.488	0.542	0.481	0.427	0.253	0.206	..	..	..
Italy	0.402	0.300	0.408	0.528	0.612	0.543	0.506	0.355	0.284	0.351	0.413	0.452
Spain	0.423	0.313	0.407	0.509	0.586	0.543	0.512	0.329	0.262	0.347	0.411	0.418
United Kingdom	..	c	c	c	c	c	c	c	c	c	c	c
Japan	93.1	52.1	62.1	74.8	77.6	84.6	87.9	62.3	48.2	59.6	74.1	71.8
Canada	0.558	0.451	0.520	0.671	0.713	0.677	0.634	0.367	0.311	0.428	0.535	0.544
United States	0.531	0.354	0.459	0.637	0.691	0.660	0.615	0.336	0.251	0.342	0.442	0.421

1 Euros for France, Germany, Italy and Spain; pounds for United Kingdom; yen for Japan; Canadian dollars for Canada; US dollars for United States.

2 Unleaded premium (95 RON) for France, Germany, Italy, Spain and United Kingdom; regular unleaded for Canada, Japan and United States.

3 Automotive diesel prices are for non-commercial use.

4 Kerosene for Japan.

5 VAT excluded from prices for European countries as it is refunded to industry.

LSFO for France, Germany, Italy, Japan, Spain and United Kingdom; HSFO for Canada and United States.

.. - Not available; c - Confidential

Source database: Energy Prices and Taxes for OECD Countries (<http://data.iea.org/payment/products/111-energy-prices-and-taxes-quarterly.aspx>).

TABLE 20.2
Annual End-Use Prices for Oil Products 2008-2019
 (in US dollars¹)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
PRICES INCLUDING TAXES												
GASOLINE² (per litre)												
France	1.983	1.677	1.780	2.085	2.014	2.041	1.972	1.505	1.439	1.550	1.779	1.685
Germany	2.051	1.799	1.876	2.169	2.122	2.121	2.038	1.554	1.441	1.547	1.728	1.609
Italy	2.019	1.714	1.807	2.163	2.296	2.321	2.272	1.706	1.597	1.723	1.888	1.762
Spain	1.619	1.392	1.542	1.834	1.830	1.900	1.840	1.362	1.273	1.373	1.522	1.452
United Kingdom	1.962	1.548	1.806	2.136	2.145	2.097	2.099	1.698	1.469	1.514	1.670	1.594
Japan	1.518	1.285	1.515	1.829	1.840	1.598	1.539	1.137	1.108	1.190	1.356	1.339
Canada	1.069	0.828	1.005	1.252	1.276	1.244	1.161	0.851	0.776	0.883	0.994	0.911
United States	0.859	0.622	0.735	0.932	0.958	0.926	0.889	0.640	0.568	0.639	0.720	0.686
AUTOMOTIVE DIESEL³ (per litre)												
France	1.857	1.391	1.516	1.857	1.795	1.792	1.709	1.281	1.218	1.387	1.696	1.610
Germany	1.948	1.514	1.624	1.982	1.915	1.897	1.808	1.319	1.216	1.330	1.553	1.448
Italy	1.965	1.502	1.610	2.013	2.192	2.201	2.136	1.560	1.418	1.560	1.756	1.656
Spain	1.652	1.266	1.423	1.765	1.754	1.803	1.733	1.237	1.121	1.241	1.420	1.360
United Kingdom	2.153	1.621	1.842	2.224	2.247	2.195	2.197	1.756	1.486	1.547	1.734	1.678
Japan	1.359	1.106	1.285	1.581	1.594	1.385	1.341	0.967	0.937	1.000	1.163	1.164
Canada	1.172	0.785	0.979	1.259	1.255	1.248	1.214	0.854	0.737	0.849	0.993	0.928
United States	1.003	0.651	0.791	1.016	1.049	1.036	1.011	0.715	0.610	0.701	0.841	0.807
DOMESTIC HEATING OIL (per litre)												
France	1.223	0.798	0.944	1.234	1.246	1.231	1.143	0.789	0.701	0.833	1.076	1.040
Germany	1.112	0.728	0.854	1.135	1.142	1.108	1.021	0.657	0.544	0.643	0.819	0.757
Italy	1.804	1.447	1.552	1.883	1.870	1.886	1.830	1.295	1.211	1.317	1.499	1.463
Spain	1.188	0.769	0.918	1.197	1.221	1.210	1.137	0.737	0.625	0.738	0.895	0.863
United Kingdom	1.071	0.686	0.836	1.092	1.121	1.091	1.025	0.700	0.575	0.650	0.792	0.751
Japan ⁴	1.026	0.713	0.869	1.136	1.149	1.014	0.994	0.679	0.590	0.696	0.832	0.834
Canada	1.062	0.687	0.877	1.140	1.178	1.168	1.134	0.822	0.724	0.753	0.888	0.841
United States	0.892	0.698	0.820	1.019	1.049	1.048	1.030	0.734	0.583	0.695	0.835	0.831
FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.587	0.440	0.544	0.726	0.773	0.733	0.688	0.417	0.378	0.509	0.663	0.637
Germany	0.592	0.437	0.521	0.713	0.729	0.672	0.599	0.309	0.256	..	..	..
Italy	0.634	0.460	0.582	0.778	0.827	0.762	0.713	0.428	0.348	0.431	0.524	0.541
Spain	0.640	0.456	0.560	0.729	0.773	0.743	0.702	0.383	0.308	0.409	0.504	0.487
United Kingdom	..	c	c	c	c	c	c	c	c	c	c	c
Japan	0.901	0.557	0.707	0.938	0.973	0.867	0.830	0.515	0.443	0.532	0.671	0.658
Canada	0.572	0.432	0.552	0.742	0.780	0.719	0.627	0.314	0.257	0.360	0.451	0.448
United States	0.558	0.372	0.482	0.670	0.727	0.694	0.647	0.353	0.264	0.359	0.465	0.442
PRICES EXCLUDING TAXES												
GASOLINE² (per litre)												
France	0.772	0.560	0.686	0.894	0.908	0.893	0.830	0.554	0.483	0.549	0.667	0.630
Germany	0.768	0.602	0.710	0.913	0.942	0.914	0.844	0.580	0.487	0.562	0.679	0.620
Italy	0.860	0.645	0.759	0.967	0.976	0.948	0.893	0.591	0.503	0.591	0.688	0.629
Spain	0.817	0.614	0.737	0.939	0.951	0.953	0.904	0.613	0.541	0.615	0.713	0.671
United Kingdom	0.747	0.498	0.653	0.847	0.870	0.842	0.795	0.530	0.442	0.516	0.619	0.588
Japan	0.925	0.627	0.806	1.041	1.052	0.947	0.903	0.588	0.507	0.597	0.743	0.715
Canada	0.764	0.552	0.673	0.868	0.883	0.861	0.805	0.552	0.489	0.575	0.673	0.593
United States	0.725	0.495	0.605	0.799	0.823	0.791	0.752	0.496	0.425	0.493	0.572	0.536
AUTOMOTIVE DIESEL³ (per litre)												
France	0.927	0.569	0.701	0.945	0.948	0.916	0.839	0.534	0.451	0.540	0.695	0.660
Germany	0.950	0.620	0.742	1.011	1.005	0.970	0.895	0.586	0.502	0.588	0.750	0.690
Italy	1.022	0.664	0.782	1.036	1.033	0.996	0.929	0.594	0.480	0.582	0.711	0.666
Spain	0.982	0.638	0.765	1.015	1.010	1.000	0.940	0.614	0.520	0.612	0.740	0.700
United Kingdom	0.910	0.561	0.684	0.920	0.955	0.923	0.877	0.578	0.456	0.543	0.672	0.659
Japan	0.992	0.705	0.852	1.097	1.109	0.983	0.944	0.629	0.570	0.636	0.782	0.775
Canada	0.923	0.571	0.718	0.951	0.947	0.942	0.923	0.607	0.503	0.592	0.718	0.652
United States	0.862	0.515	0.652	0.877	0.908	0.894	0.868	0.565	0.460	0.549	0.685	0.648
DOMESTIC HEATING OIL (per litre)												
France	0.940	0.589	0.714	0.953	0.969	0.954	0.877	0.572	0.477	0.560	0.713	0.692
Germany	0.845	0.526	0.636	0.868	0.881	0.850	0.776	0.484	0.389	0.471	0.616	0.567
Italy	0.914	0.646	0.759	1.005	1.027	1.019	0.965	0.614	0.546	0.625	0.753	0.747
Spain	0.900	0.544	0.668	0.895	0.915	0.884	0.823	0.512	0.419	0.509	0.634	0.605
United Kingdom	0.842	0.490	0.627	0.860	0.891	0.865	0.793	0.496	0.397	0.475	0.606	0.573
Japan ⁴	0.958	0.657	0.804	1.056	1.068	0.942	0.903	0.607	0.521	0.619	0.745	0.743
Canada	0.977	0.632	0.798	1.027	1.059	1.054	1.024	0.740	0.650	0.677	0.798	0.743
United States	0.850	0.666	0.782	0.972	1.000	0.999	0.982	0.700	0.556	0.662	0.796	0.792
FUEL OIL FOR INDUSTRY⁵ (per kg)												
France	0.560	0.414	0.520	0.701	0.749	0.708	0.659	0.367	0.302	0.402	0.500	0.481
Germany	0.555	0.402	0.488	0.678	0.697	0.639	0.566	0.281	0.228	..	..	..
Italy	0.588	0.416	0.541	0.735	0.787	0.720	0.672	0.394	0.314	0.395	0.487	0.506
Spain	0.618	0.435	0.540	0.708	0.753	0.721	0.680	0.365	0.290	0.391	0.485	0.468
United Kingdom	..	c	c	c	c	c	c	c	c	c	c	c
Japan	0.901	0.557	0.707	0.938	0.973	0.867	0.830	0.515	0.443	0.532	0.671	0.658
Canada	0.523	0.395	0.505	0.679	0.713	0.658	0.574	0.287	0.235	0.329	0.413	0.410
United States	0.531	0.354	0.459	0.637	0.691	0.660	0.615	0.336	0.251	0.342	0.442	0.421

¹ Converted from national currencies using nominal exchange rates taken from OECD Main Economic Indicators.² Unleaded premium (95 RON) for France, Germany, Italy, Spain and United Kingdom; regular unleaded for Canada, Japan and United States.³ Automotive diesel prices are for non-commercial use.⁴ Kerosene for Japan.⁵ VAT excluded from prices for European countries as it is refunded to industry.

LIFO for France, Germany, Italy, Japan, Spain and United Kingdom; HSFO for Canada and United States.

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Source database: Energy Prices and Taxes for OECD Countries (<http://data.iea.org/payment/products/111-energy-prices-and-taxes-quarterly.aspx>).

TABLE 21
Regional OECD Crude Oil Imports by Source¹ 2004-2019
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
OECD Americas																
Venezuela	1.75	1.73	1.59	1.60	1.45	1.34	1.26	1.14	0.99	0.82	0.81	0.86	0.74	0.62	0.51	0.08
Other Central & South America	0.63	0.71	0.84	0.76	0.87	1.04	1.06	1.09	1.02	0.91	0.89	1.03	1.02	0.93	0.80	0.87
North Sea	0.90	0.77	0.54	0.45	0.37	0.41	0.33	0.22	0.12	0.19	0.06	0.04	0.11	0.12	0.15	0.14
Other OECD Europe	-	-	-	-	-	-	-	-	-	-	0.00	0.01	0.01	-	-	-
Non-OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Former Soviet Union ²	0.17	0.22	0.19	0.24	0.26	0.38	0.36	0.34	0.13	0.08	0.04	0.04	0.08	0.12	0.15	0.19
Saudi Arabia	1.60	1.55	1.52	1.55	1.60	1.08	1.19	1.29	1.45	1.43	1.22	1.13	1.18	1.04	0.98	0.60
Kuwait	0.25	0.23	0.18	0.18	0.21	0.19	0.20	0.20	0.32	0.33	0.32	0.21	0.21	0.14	0.08	0.04
Iran	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	0.75	0.61	0.64	0.56	0.70	0.48	0.47	0.50	0.57	0.41	0.39	0.22	0.42	0.60	0.52	0.33
Oman	0.01	0.02	0.04	0.03	0.02	0.04	0.01	0.04	0.01	0.00	-	-	0.03	0.01	-	-
United Arab Emirates	0.00	-	0.00	0.01	0.01	0.04	0.00	0.01	-	0.00	0.01	0.00	0.01	0.02	0.01	0.00
Other Middle East	0.01	0.01	0.03	0.02	-	0.01	-	0.01	-	-	-	-	-	0.00	-	-
West Africa ³	1.70	1.85	1.93	2.01	1.86	1.59	1.80	1.45	0.82	0.57	0.27	0.27	0.45	0.50	0.32	0.27
Other Africa	0.49	0.61	0.78	0.82	0.76	0.66	0.57	0.39	0.42	0.23	0.12	0.14	0.22	0.21	0.20	0.14
Asia	0.13	0.11	0.11	0.08	0.10	0.10	0.10	0.07	0.05	0.04	0.04	0.04	0.05	0.03	0.06	0.03
Other	0.26	0.26	0.04	0.10	0.06	0.18	0.17	0.15	0.21	0.11	0.03	0.02	0.01	0.00	0.00	0.00
Total	8.66	8.68	8.44	8.41	8.26	7.54	7.49	6.87	6.10	5.13	4.20	4.02	4.54	4.36	3.76	2.70
of which Non-OECD	7.74	7.91	7.89	7.96	7.86	7.12	7.15	6.64	5.97	4.94	4.14	3.97	4.43	4.23	3.61	2.55
OECD Europe																
Canada	-	-	-	0.00	-	0.00	0.01	0.02	0.01	0.05	0.07	0.03	0.03	0.05	0.08	0.06
Mexico + USA	0.18	0.22	0.17	0.18	0.18	0.12	0.13	0.15	0.18	0.19	0.23	0.30	0.35	0.42	0.64	0.90
Venezuela	0.09	0.14	0.21	0.19	0.18	0.18	0.11	0.10	0.13	0.10	0.13	0.11	0.07	0.07	0.06	0.11
Other Central & South America	0.04	0.05	0.07	0.09	0.10	0.07	0.10	0.13	0.19	0.17	0.23	0.18	0.17	0.16	0.13	0.12
Non-OECD Europe	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Former Soviet Union ²	4.24	4.31	4.44	4.55	4.44	4.45	4.59	4.56	4.37	4.30	3.94	4.22	4.43	4.44	4.15	4.24
Saudi Arabia	1.37	1.30	1.10	0.90	0.85	0.63	0.65	0.87	1.02	0.93	0.93	0.93	0.86	0.75	0.82	0.79
Kuwait	0.13	0.15	0.14	0.13	0.12	0.08	0.06	0.08	0.08	0.11	0.07	0.10	0.19	0.20	0.14	0.10
Iran	0.85	0.84	0.87	0.86	0.77	0.57	0.76	0.78	0.28	0.11	0.11	0.44	0.80	0.54	0.07	-
Iraq	0.28	0.27	0.34	0.40	0.42	0.44	0.39	0.43	0.50	0.49	0.55	1.00	1.00	0.99	0.96	1.12
Oman	-	-	-	0.00	0.00	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-
United Arab Emirates	-	0.00	0.03	0.02	0.01	0.01	0.01	0.02	-	0.01	0.01	0.01	0.01	0.01	0.00	0.00
Other Middle East	0.21	0.19	0.16	0.17	0.15	0.14	0.17	0.12	0.00	0.00	0.00	0.01	0.01	0.00	-	0.00
West Africa ³	0.49	0.65	0.64	0.66	0.87	0.88	0.75	0.98	1.23	1.39	1.45	1.65	1.10	0.96	1.12	1.14
Other Africa	1.76	1.74	1.70	1.63	1.82	1.46	1.47	0.90	1.51	1.23	1.03	1.01	0.74	1.05	1.16	1.18
Asia	0.01	-	-	-	0.00	0.00	0.02	0.00	0.01	0.00	0.01	-	-	0.00	-	-
Other	0.00	0.09	0.04	0.00	0.03	0.01	0.02	0.01	-0.02	0.00	0.06	-0.01	0.02	0.00	0.01	0.01
Total	9.63	9.95	9.93	9.78	9.95	9.06	9.25	9.16	9.51	9.10	8.83	9.67	9.44	9.90	9.81	9.86
of which Non-OECD	9.45	9.74	9.75	9.59	9.77	8.94	9.11	8.99	9.32	8.86	8.53	9.34	9.05	9.44	9.09	8.91
OECD Asia Oceania																
Canada	-	-	0.00	-	-	-	-	0.00	-	-	0.00	-	-	-	0.00	0.00
Mexico + USA	0.01	0.00	-	-	-	-	-	-	-	0.01	0.09	0.18	0.20	0.34	0.61	-
Venezuela	-	-	0.01	-	-	-	-	0.01	0.01	0.01	0.01	0.00	0.01	-	-	-
Other Central & South America	0.06	0.01	0.02	0.01	0.00	0.01	0.01	0.02	0.03	0.03	0.06	0.07	0.03	0.03	0.04	0.05
North Sea	0.01	0.01	-	-	-	-	-	0.00	0.02	0.12	0.06	0.07	0.05	0.10	0.10	0.01
Other OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Former Soviet Union ²	0.05	0.05	0.07	0.26	0.21	0.27	0.42	0.28	0.28	0.40	0.44	0.51	0.34	0.41	0.44	0.44
Saudi Arabia	1.85	2.04	2.10	1.84	1.93	1.83	1.83	1.94	1.99	1.91	1.90	1.96	2.08	2.17	2.04	1.88
Kuwait	0.57	0.62	0.65	0.58	0.64	0.62	0.57	0.60	0.66	0.65	0.64	0.64	0.66	0.67	0.67	0.67
Iran	0.76	0.74	0.66	0.69	0.64	0.59	0.52	0.50	0.32	0.27	0.23	0.22	0.47	0.54	0.27	0.14
Iraq	0.12	0.06	0.09	0.17	0.15	0.23	0.29	0.34	0.33	0.31	0.22	0.40	0.46	0.40	0.43	0.36
Oman	0.22	0.25	0.16	0.13	0.13	0.15	0.16	0.12	0.13	0.09	0.06	0.03	0.09	0.04	0.06	0.06
United Arab Emirates	1.50	1.46	1.52	1.47	1.47	1.17	1.12	1.17	1.08	1.22	1.20	1.19	1.15	1.15	1.10	1.26
Other Middle East	0.68	0.72	0.74	0.62	0.62	0.55	0.58	0.58	0.63	0.60	0.59	0.57	0.47	0.39	0.45	0.45
West Africa ³	0.17	0.13	0.14	0.08	0.02	0.03	0.05	0.11	0.21	0.16	0.15	0.08	0.07	0.07	0.09	0.06
Other Africa	0.12	0.12	0.15	0.17	0.13	0.07	0.08	0.07	0.06	0.06	0.06	0.06	0.06	0.09	0.11	0.09
Non-OECD Asia	0.76	0.73	0.71	0.67	0.68	0.56	0.64	0.61	0.68	0.54	0.50	0.42	0.34	0.33	0.32	0.22
Other	0.16	0.22	0.20	0.22	0.18	0.24	0.20	0.22	0.24	0.22	0.23	0.25	0.21	0.25	0.24	0.25
Total	7.02	7.16	7.21	6.91	6.81	6.31	6.47	6.58	6.75	6.54	6.37	6.57	6.66	6.85	6.70	6.54
of which Non-OECD	6.83	7.00	7.02	6.91	6.81	6.31	6.47	6.56	6.63	6.47	6.29	6.41	6.43	6.55	6.25	5.91
Total OECD Trade	25.31	25.80	25.57	25.10	25.02	22.91	23.21	22.61	22.36	20.77	19.39	20.27	20.64	21.11	20.27	19.10
of which Non-OECD	24.02	24.64	24.66	24.46	24.44	22.37	22.73	22.20	21.92	20.27	18.95	19.72	20.22	18.94	17.38	

1 Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes, and converted to barrels at 7.37 barrels per tonne.

Data will differ from that in the Oil Information (2020 Edition) and also from that in Table 22 of this Supplement, the latter based on submissions in barrels.

3 FSU excludes Estonia, Latvia and Lithuania.

4 West Africa includes Angola, Nigeria, Gabon, Congo, Democratic Republic of Congo and Equatorial Guinea.

TABLE 22
IEA Member Country Destinations of Selected Crude Streams¹ 2004-2019
(million barrels per day)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Saudi Light & Extra Light																
Americas	0.55	0.46	0.58	0.73	0.70	0.52	0.69	0.69	0.76	0.74	0.65	0.63	0.69	0.59	0.66	0.20
Europe	1.03	0.90	0.78	0.70	0.70	0.59	0.66	0.83	0.85	0.79	0.84	0.78	0.79	0.69	0.69	0.68
Asia Oceania	1.24	1.31	1.32	1.19	1.22	1.28	1.21	1.24	1.26	1.21	1.17	1.25	1.40	1.56	1.45	1.42
Saudi Medium																
Americas	0.80	0.81	0.64	0.56	0.64	0.40	0.36	0.37	0.44	0.45	0.36	0.37	0.44	0.33	0.30	0.12
Europe	0.11	0.16	0.14	0.05	0.05	0.02	0.00	0.02	0.05	0.01	0.03	0.03	0.01	0.01	0.01	0.02
Asia Oceania	0.23	0.26	0.35	0.34	0.39	0.34	0.34	0.40	0.45	0.43	0.45	0.44	0.41	0.37	0.41	0.23
Saudi Heavy																
Americas	0.22	0.17	0.21	0.09	0.07	0.03	0.02	0.02	0.05	0.10	0.08	0.04	0.02	0.04	0.04	0.03
Europe	0.23	0.23	0.18	0.11	0.09	0.02	0.00	0.01	0.12	0.13	0.06	0.05	0.03	0.02	0.05	0.08
Asia Oceania	0.15	0.25	0.23	0.20	0.24	0.15	0.22	0.20	0.20	0.21	0.22	0.24	0.24	0.19	0.13	0.19
Iraqi Basrah Light²																
Americas	0.71	0.60	0.53	0.50	0.60	0.40	0.36	0.29	0.49	0.38	0.35	0.17	0.42	0.63	0.50	0.31
Europe	0.21	0.23	0.32	0.30	0.21	0.12	0.09	0.11	0.26	0.25	0.50	0.72	0.81	0.76	0.76	0.85
Asia Oceania	0.12	0.06	0.08	0.17	0.15	0.24	0.29	0.34	0.33	0.31	0.24	0.41	0.46	0.40	0.43	0.37
Iraqi Kirkuk																
Americas	0.02	-	0.00	-	0.08	0.06	0.03	0.08	0.05	0.01	-	-	-	-	-	-
Europe	0.08	0.05	0.01	0.11	0.23	0.31	0.27	0.27	0.22	0.19	0.06	0.24	0.15	0.16	0.10	0.19
Iranian Light																
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Europe	0.24	0.20	0.26	0.27	0.23	0.15	0.24	0.23	0.12	0.08	0.10	0.09	0.21	0.27	0.16	0.00
Asia Oceania	0.16	0.15	0.13	0.09	0.08	0.07	0.04	0.04	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.00
Iranian Heavy³																
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Europe	0.57	0.63	0.58	0.56	0.49	0.40	0.49	0.55	0.16	0.03	0.01	0.02	0.21	0.52	0.35	0.04
Asia Oceania	0.65	0.62	0.56	0.64	0.61	0.57	0.52	0.51	0.33	0.30	0.28	0.27	0.52	0.57	0.28	0.14
Venezuelan Light & Medium																
Americas	0.67	0.82	0.69	0.76	0.62	0.39	0.14	0.18	0.13	0.08	0.03	0.06	0.02	0.07	0.01	-
Europe	0.01	0.04	0.11	0.08	0.06	0.07	0.02	0.02	0.02	0.02	0.02	-	0.00	0.00	0.00	0.01
Asia Oceania	-	-	-	0.01	-	-	-	-	0.01	0.01	0.01	0.01	0.00	0.01	-	-
Venezuelan 22 API and heavier																
Americas	0.88	0.72	0.72	0.68	0.65	0.75	0.86	0.76	0.69	0.61	0.64	0.67	0.63	0.48	0.44	0.05
Europe	0.05	0.06	0.06	0.07	0.07	0.07	0.06	0.05	0.08	0.07	0.08	0.09	0.05	0.04	0.03	0.09
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mexican Maya																
Americas	1.36	1.27	1.24	1.22	1.02	0.93	0.91	0.82	0.73	0.70	0.66	0.50	0.53	0.58	0.63	0.51
Europe	0.16	0.17	0.16	0.14	0.14	0.10	0.11	0.12	0.14	0.14	0.14	0.15	0.17	0.20	0.21	0.19
Asia Oceania	0.00	-	-	-	-	-	-	-	-	-	-	0.01	0.05	0.07	0.08	0.13
Mexican Isthmus																
Americas	-	0.03	0.04	0.01	0.01	0.01	0.04	0.07	0.04	0.05	0.06	0.02	-	-	-	-
Europe	0.01	0.03	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.03	0.03	0.03	0.02	0.01	0.01	-
Asia Oceania	0.00	-	-	-	-	-	-	-	-	-	-	0.01	0.08	0.12	0.06	0.04
Russian Urals																
Americas	0.12	0.13	0.09	0.06	0.05	0.15	0.08	0.01	0.00	0.00	-	-	-	0.01	0.01	0.01
Europe	1.86	1.77	1.68	1.86	1.81	1.72	1.80	1.69	1.86	1.79	1.58	1.61	1.72	1.64	1.40	1.37
Asia Oceania	0.01	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	0.01	0.00	-
Nigerian Light⁴																
Americas	0.80	0.90	0.79	0.88	0.68	0.54	0.60	0.53	0.24	0.07	0.00	0.02	0.07	0.04	0.01	0.03
Europe	0.28	0.35	0.33	0.24	0.29	0.32	0.34	0.45	0.58	0.53	0.55	0.57	0.39	0.39	0.53	0.51
Asia Oceania	0.11	0.05	0.04	0.01	-	0.00	-	0.05	0.04	0.03	0.02	-	0.01	0.02	0.02	0.02
Nigerian Medium																
Americas	0.23	0.17	0.17	0.23	0.27	0.21	0.25	0.18	0.12	0.08	0.00	0.01	0.06	0.07	0.03	0.05
Europe	0.04	0.07	0.10	0.07	0.14	0.13	0.09	0.14	0.25	0.23	0.32	0.33	0.20	0.31	0.31	0.40
Asia Oceania	0.01	0.01	0.00	0.01	-	-	-	-	0.00	0.00	-	-	-	-	-	-

¹ Data based on monthly submissions from IEA countries to the crude oil import register (in '000 bbl), subject to availability. Data may differ from Table 21 of this Supplement.

The IEA Europe weighted average includes the Slovak Republic from 2007 onwards and Poland from 2008 onwards. Hungary is not included.

Data for Mexico are not available.

² Iraqi Total minus Kirkuk.

³ Iranian Total minus Iranian Light.

⁴ 33 API and lighter (e.g., Bonny Light, Escravos, Pennington, Qua Iboe and Oso Condensate).

TABLE 23
Regional OECD Gasoline Imports by Source¹ 2006-2019
(thousand barrels per day)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
OECD Americas														
Venezuela	68.61	60.56	51.04	30.79	40.62	33.37	19.39	22.93	28.89	21.66	14.94	17.92	23.49	3.58
Other Central & South America	126.18	105.90	83.15	60.72	37.77	45.05	72.38	58.51	26.91	36.84	68.66	41.87	64.23	81.54
ARA (Belgium, Germany, Netherlands)	251.87	240.81	267.10	209.72	157.87	132.84	174.19	155.81	189.33	144.77	154.54	177.81	167.21	180.07
Other Europe	545.36	527.81	498.93	420.67	406.10	406.30	354.11	292.65	285.27	325.21	328.29	325.80	322.80	293.20
FSU ²	66.74	68.92	67.06	53.84	36.59	32.37	20.12	18.79	33.28	40.81	56.09	51.99	59.21	79.00
Saudi Arabia	17.94	31.16	24.18	20.87	16.39	18.29	13.69	5.14	7.73	0.14	-	0.76	10.52	7.27
Algeria	5.21	2.97	4.47	5.56	4.98	7.95	0.84	1.29	0.37	-	1.40	-	1.47	-
Other Middle East & Africa ³	32.90	40.09	43.19	28.79	27.37	34.65	32.81	33.42	30.80	28.76	31.67	24.03	18.82	13.65
Singapore	5.21	10.41	1.06	4.35	3.20	0.60	2.03	13.37	0.42	5.74	6.40	10.41	8.40	4.69
OECD Asia Oceania	18.84	16.66	15.83	20.89	13.51	7.67	3.54	9.93	3.95	9.18	6.41	10.37	12.83	27.71
Non-OECD Asia (excl. Singapore)	13.84	28.92	17.85	25.80	56.97	42.72	32.73	47.61	57.16	56.85	64.33	63.36	83.88	108.07
Other	0.21	0.31	3.98	1.61	0.02	0.59	3.90	0.07	0.70	0.19	2.56	2.69	0.35	149.02
Total⁴	1152.91	1134.51	1077.83	883.62	801.39	762.41	729.73	659.50	664.81	670.15	735.28	727.01	773.21	947.79
of which Non-OECD	343.01	354.40	298.39	232.95	223.93	217.49	200.09	201.11	186.90	190.98	246.04	213.07	271.25	447.49
OECD Europe														
OECD Americas	6.14	5.90	2.67	4.13	7.42	6.92	13.49	5.22	6.73	3.09	1.29	3.93	4.17	3.08
Venezuela	2.80	5.63	9.65	2.86	6.45	6.72	5.95	3.78	2.04	0.21	0.46	-	0.04	0.02
Other Central & South America	1.11	23.64	22.76	20.26	5.34	3.62	3.41	1.35	11.13	3.94	1.32	2.78	5.38	3.39
Non-OECD Europe	19.88	22.11	19.89	23.64	24.24	14.84	10.64	15.49	18.89	17.55	14.68	15.03	10.53	18.19
FSU ²	27.82	25.58	18.78	17.79	9.58	14.24	4.07	6.51	20.09	53.53	70.75	79.15	58.06	53.52
Saudi Arabia	2.53	12.02	7.14	9.01	14.23	10.55	11.25	5.42	2.34	0.55	0.02	0.31	1.57	0.49
Algeria	6.08	3.32	1.78	0.25	0.63	1.49	1.47	0.49	1.68	1.48	1.21	0.61	0.48	0.41
Other Middle East & Africa ³	20.27	29.02	29.09	26.17	25.66	17.84	16.47	20.59	7.45	4.64	1.81	4.84	4.29	7.88
Singapore	-	2.18	2.93	2.96	2.71	2.43	2.61	2.22	1.99	0.06	0.55	2.18	2.27	2.80
OECD Asia Oceania	0.18	0.02	-	0.05	0.37	0.23	0.63	0.42	0.74	0.46	0.76	0.83	1.18	0.81
Non-OECD Asia (excl. Singapore)	0.07	2.63	0.74	2.03	-	0.14	1.64	0.02	2.34	0.14	0.97	3.03	2.46	0.17
Other	86.28	57.00	104.86	86.15	78.46	134.43	130.24	33.45	35.65	10.77	-2.74	40.80	19.62	21.02
Total⁴	173.17	189.06	220.29	195.29	175.09	213.44	201.88	94.97	111.09	96.43	91.10	153.47	110.06	111.78
of which Non-OECD	166.85	183.14	217.62	191.12	167.30	206.29	187.76	89.34	103.61	92.88	89.05	148.71	104.71	107.90
OECD Asia Oceania														
OECD Americas	0.12	0.12	0.54	0.31	0.12	0.10	0.05	0.87	0.65	0.82	0.08	-	3.53	6.40
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	-	-	-	-	-	-	-	-	-	-	-	0.40	-	-
ARA (Belgium, Germany, Netherlands)	0.61	-	0.47	-	-	-	1.70	-	-	-	-	-	12.55	14.28
Other Europe	3.48	-	1.54	2.38	0.77	-	-	-	-	-	-	-	7.08	5.30
FSU ²	-	-	-	-	-	-	-	-	-	-	-	-	0.54	0.14
Saudi Arabia	1.86	-	-	0.06	0.62	0.74	0.72	1.13	0.64	0.25	0.39	0.37	0.49	0.68
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East & Africa ³	-	-	0.72	3.37	0.26	-	-	-	-	0.21	-	4.63	1.36	-
Singapore	83.50	61.86	77.99	84.61	57.17	67.17	58.15	54.70	50.50	48.59	43.75	51.52	48.52	45.84
Non-OECD Asia (excl. Singapore)	6.65	10.86	8.82	5.75	4.75	6.09	3.41	4.68	10.66	30.20	26.70	30.06	19.33	20.81
Other	13.96	17.45	14.24	14.65	20.66	21.49	24.31	13.89	10.33	11.49	15.59	15.07	19.54	20.85
Total⁴	110.18	90.29	104.31	111.13	84.34	95.59	88.34	75.26	72.79	91.55	86.51	102.05	112.94	114.30
of which Non-OECD	105.96	90.17	101.77	108.44	83.45	95.49	86.59	74.39	72.13	90.73	86.43	102.05	89.78	88.31
Total OECD Trade⁴	1436.25	1413.86	1402.43	1190.05	1060.82	1071.45	1019.96	829.73	848.68	858.13	912.89	982.52	996.21	1173.87
of which Non-OECD	615.82	627.71	617.78	532.51	474.68	519.28	474.44	364.84	362.64	374.59	421.52	463.82	465.74	643.70

1 Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes. Data differs from that published in the Oil Information (2020 Edition).

2 FSU excludes Estonia, Latvia and Lithuania.

3 Other Middle East & Africa excludes Israel.

4 Total figure excludes intra-regional trade.

TABLE 24
Regional OECD Gasoil/Diesel Imports by Source¹ 2006-2019
(thousand barrels per day)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
OECD Americas														
Venezuela	45.35	17.66	2.78	8.80	3.20	6.04	5.75	0.04	2.96	0.69	0.41	2.39	4.11	0.80
Other Central & South America	15.96	11.31	14.90	9.00	2.00	4.86	2.81	9.89	9.95	4.11	9.52	13.34	29.88	37.89
ARA (Belgium, Germany, Netherlands)	23.42	5.81	3.96	7.40	4.57	1.98	1.18	3.67	10.34	7.56	3.09	7.15	5.58	5.38
Other Europe	20.56	20.73	8.80	10.74	13.44	3.91	8.38	10.57	8.71	5.80	8.58	2.62	3.44	2.18
FSU ²	31.00	29.89	19.59	14.92	16.83	9.14	6.16	12.90	36.48	29.94	13.17	5.56	16.47	5.85
Saudi Arabia	0.22	1.74	-	-	0.69	-	-	-	5.49	3.35	0.59	2.02	17.47	3.27
Algeria	0.27	-	2.22	2.90	0.76	0.49	-	-	-	-	-	-	-	-
Other Middle East & Africa ³	1.32	1.94	0.84	0.33	1.23	1.27	1.49	2.25	5.46	3.52	3.36	4.45	8.09	2.06
Singapore	4.97	10.07	4.76	3.67	9.35	3.70	0.33	1.68	0.74	-	0.75	0.36	1.00	0.06
OECD Asia Oceania	35.81	52.19	33.73	16.98	18.22	17.00	8.04	4.65	6.43	14.62	18.20	17.96	15.49	23.25
Non-OECD Asia (excl. Singapore)	6.31	4.21	5.63	-	2.68	0.22	1.61	0.86	8.56	5.96	8.89	21.58	22.59	28.90
Other	5.46	7.70	22.33	16.50	27.22	23.25	22.92	11.01	0.31	0.54	0.14	0.04	-	73.03
Total⁴	190.64	163.24	119.54	91.23	100.20	71.87	58.67	57.53	95.43	76.10	66.69	77.48	124.13	182.68
of which Non-OECD	110.86	84.88	74.86	56.12	63.96	48.98	41.08	38.63	69.95	48.12	36.83	49.75	99.62	151.86
OECD Europe														
OECD Americas	58.33	37.95	180.92	191.69	136.83	249.59	300.03	304.25	282.19	276.69	275.51	222.35	153.90	138.25
Venezuela	21.91	17.68	17.20	21.44	11.18	11.49	1.94	0.04	3.13	1.25	-	-	-	-
Other Central & South America	5.11	1.76	2.26	4.82	9.61	15.25	14.33	7.50	15.96	1.57	2.69	3.09	3.84	0.06
Non-OECD Europe	26.65	57.64	56.17	71.27	71.51	68.45	36.34	26.06	44.11	40.53	47.74	48.42	38.91	41.18
FSU ²	508.51	476.40	414.27	486.13	467.96	373.14	360.42	457.41	491.62	531.27	562.23	641.44	639.78	605.65
Saudi Arabia	7.97	1.16	1.20	1.76	1.43	1.51	0.77	2.68	16.06	96.31	130.49	160.13	224.64	205.23
Algeria	2.53	3.31	-	-	0.53	-	-	-	-	-	1.43	-	-	0.08
Other Middle East & Africa ³	10.18	23.03	19.77	24.59	35.50	27.26	23.34	44.98	40.67	56.82	69.87	72.13	75.74	83.07
Singapore	22.01	11.38	11.11	10.01	15.86	20.05	13.02	12.04	10.30	2.60	20.12	15.43	14.27	27.33
OECD Asia Oceania	23.83	20.32	25.50	42.86	25.57	33.07	21.61	35.91	49.36	42.76	39.64	27.92	24.59	35.53
Non-OECD Asia (excl. Singapore)	35.03	29.47	32.22	34.42	119.69	117.89	105.52	111.57	81.41	121.69	172.05	125.23	150.98	151.90
Other	152.84	57.08	66.63	60.44	91.79	26.08	32.59	17.21	-19.23	-36.28	-18.20	20.62	12.06	9.65
Total⁴	874.90	737.19	827.27	949.42	987.46	943.78	909.92	1019.65	1015.58	1135.21	1303.56	1336.75	1338.71	1297.94
of which Non-OECD	792.74	678.92	620.85	714.87	825.06	661.12	588.28	679.49	684.03	815.76	988.41	1086.48	1160.22	1124.18
OECD Asia Oceania														
OECD Americas	0.04	-	0.26	0.47	0.04	-	-	0.08	0.16	-	1.73	0.88	-	1.33
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	-	-	-	-	-	-	-	0.14	0.59	0.08	-	0.04	-	-
ARA (Belgium, Germany, Netherlands)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe	-	0.06	-	-	-	-	-	-	-	-	-	-	-	-
FSU ²	0.45	0.37	0.45	2.23	1.27	1.66	3.18	2.41	2.41	4.54	5.08	4.84	4.50	4.05
Saudi Arabia	-	0.84	-	-	-	-	-	-	-	-	0.82	-	2.98	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East & Africa ³	0.02	-	-	-	-	-	-	-	-	-	1.65	0.88	8.34	7.32
Singapore	65.38	77.15	105.40	72.64	86.45	107.57	119.10	100.23	116.87	91.56	86.38	86.68	141.07	110.82
Non-OECD Asia (excl. Singapore)	11.38	12.37	13.15	11.83	9.20	18.60	21.38	27.47	28.84	57.49	94.64	95.88	90.64	133.14
Other	10.40	26.20	9.60	4.39	6.38	15.45	39.46	10.48	3.25	4.35	5.83	6.93	5.33	5.50
Total⁴	87.68	116.99	128.86	91.56	103.34	143.27	183.12	140.82	152.12	158.03	196.12	196.13	252.86	262.14
of which Non-OECD	87.64	116.93	128.59	91.09	103.30	143.27	183.12	140.74	151.96	158.03	194.39	195.25	252.86	260.81
Total OECD Trade⁴														
of which Non-OECD	991.24	880.73	824.31	862.08	992.31	853.37	812.48	858.86	905.94	1021.91	1219.63	1331.48	1512.70	1536.86

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes. Data differs from that published in the Oil Information (2020 Edition).

² FSU excludes Estonia, Latvia and Lithuania.

³ Other Middle East & Africa excludes Israel.

⁴ Total figure excludes intra-regional trade.

TABLE 25
Regional OECD Jet and Kerosene Imports by Source¹ 2006-2019

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(thousand barrels per day)														
OECD Americas														
Venezuela	33.61	44.23	25.71	10.59	11.60	20.14	11.96	15.86	21.64	18.71	11.31	16.03	6.43	0.28
Other Central & South America	14.99	7.41	3.55	1.50	1.22	4.78	0.89	1.56	-	1.59	0.48	0.89	2.12	6.68
ARA (Belgium, Germany, Netherlands)	1.40	0.70	1.21	1.09	1.31	0.85	0.20	0.93	0.62	0.07	0.41	-	0.26	-
Other Europe	1.29	0.88	2.97	2.60	2.30	1.37	0.39	0.20	-	0.02	-	0.02	0.22	0.20
FSU ²	-	0.23	-	1.27	1.00	0.83	-	-	-	0.02	0.07	0.85	0.04	-
Saudi Arabia	4.17	1.72	-	1.78	0.52	0.56	4.66	1.24	7.23	1.65	1.13	1.74	1.39	2.28
Algeria	1.69	0.13	0.56	-	0.09	-	-	0.78	0.17	0.74	-	0.02	-	-
Other Middle East & Africa ³	6.37	4.04	-	1.50	3.98	2.52	2.17	3.13	5.91	0.74	1.32	2.69	2.11	9.71
Singapore	16.99	9.10	3.01	4.65	4.30	4.74	4.07	-	1.04	-	0.41	1.87	6.00	3.24
OECD Asia Oceania	61.49	98.69	24.92	27.03	42.11	34.71	40.96	48.29	49.97	88.22	96.66	104.09	83.63	135.58
Non-OECD Asia (excl. Singapore)	13.12	10.65	0.95	8.36	7.00	2.89	7.97	8.80	7.15	21.93	54.57	30.21	26.71	14.44
Other	6.17	5.32	3.93	1.56	0.52	3.67	0.07	0.67	6.17	7.60	2.64	12.54	11.08	17.50
Total⁴	161.29	183.10	66.82	61.94	75.94	77.05	73.33	81.46	99.90	141.28	168.99	170.95	139.99	189.92
of which Non-OECD	97.50	83.26	38.72	31.22	30.22	40.12	31.79	32.04	49.31	52.98	71.92	66.84	55.88	54.14
OECD Europe														
OECD Americas	4.45	3.04	5.45	15.33	13.49	4.25	26.57	22.37	17.68	15.10	38.15	20.18	32.11	20.08
Venezuela	28.13	9.30	23.47	40.50	17.21	10.77	10.61	0.17	2.31	5.98	5.85	5.22	1.04	-
Other Central & South America	4.30	2.40	4.52	3.69	4.17	6.37	4.11	6.04	4.21	2.40	1.44	1.73	1.77	0.86
Non-OECD Europe	0.73	2.25	-	5.22	14.21	1.73	1.08	2.94	3.28	1.94	4.33	3.35	5.70	1.64
FSU ²	11.94	16.97	15.91	22.50	18.59	22.86	12.12	16.24	20.60	33.63	36.86	29.98	37.00	41.42
Saudi Arabia	64.46	69.02	45.73	55.38	38.00	52.01	56.47	52.87	84.30	86.77	111.78	94.46	98.12	105.26
Algeria	3.22	4.66	4.05	1.36	8.77	8.77	4.48	13.54	22.91	13.08	13.54	11.61	9.11	10.69
Other Middle East & Africa ³	137.28	184.05	130.24	139.85	174.85	162.54	183.33	206.69	180.17	156.85	177.77	207.23	197.16	199.47
Singapore	5.38	8.31	34.75	39.31	15.82	21.76	6.83	11.20	11.08	5.94	13.74	28.22	24.97	28.57
OECD Asia Oceania	2.57	0.02	21.96	14.62	7.47	34.39	29.91	31.28	53.00	46.48	54.86	47.54	31.82	36.18
Non-OECD Asia (excl. Singapore)	19.88	41.28	61.40	62.24	56.87	53.45	61.23	71.44	62.07	53.26	51.23	53.29	69.40	73.42
Other	59.02	15.41	45.04	34.56	45.01	20.94	0.86	4.23	-9.18	21.18	-7.06	1.40	0.52	2.29
Total⁴	341.37	356.72	392.51	434.57	414.45	399.85	397.60	439.02	452.42	442.62	502.49	504.21	508.72	519.89
of which Non-OECD	334.35	353.65	365.11	404.62	393.48	361.21	341.13	385.37	381.74	381.04	409.48	436.49	444.79	463.63
OECD Asia Oceania														
OECD Americas	0.39	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARA (Belgium, Germany, Netherlands)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FSU ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-	0.87	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East & Africa ³	0.94	0.07	-	-	-	-	-	-	-	-	-	1.28	1.30	-
Singapore	17.87	23.85	28.71	33.47	33.57	30.56	33.80	41.58	23.20	18.47	23.90	22.66	27.90	21.42
Non-OECD Asia (excl. Singapore)	7.43	3.97	1.60	4.45	2.59	2.84	1.93	2.54	17.71	33.02	36.13	33.95	25.93	28.55
Other	46.51	21.10	9.27	22.55	9.19	26.50	29.63	29.19	18.87	14.06	12.68	21.79	33.45	26.17
Total⁴	73.15	48.98	39.58	60.47	45.34	59.89	65.36	73.32	59.79	65.55	72.72	79.68	89.45	76.15
of which Non-OECD	72.76	48.98	39.58	60.47	45.34	59.89	65.36	73.32	59.79	65.55	72.72	79.68	89.45	76.15
Total OECD Trade⁴	575.80	588.80	498.91	556.97	535.73	536.80	536.29	593.80	612.11	649.45	744.20	754.84	738.16	785.96
of which Non-OECD	504.60	485.89	443.41	496.31	469.04	461.22	438.27	490.73	490.84	499.56	554.12	583.01	590.13	593.92

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes. Data differs from that published in the Oil Information (2020 Edition).

² FSU excludes Estonia, Latvia and Lithuania.

³ Other Middle East & Africa excludes Israel.

⁴ Total figure excludes intra-regional trade.

TABLE 26
Regional OECD Residual Fuel Oil Imports by Source¹ 2006-2019

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
(thousand barrels per day)														
OECD Americas														
Venezuela	34.54	16.64	18.31	9.76	1.42	3.59	2.24	0.13	-	1.79	17.20	15.60	42.17	6.61
Other Central & South America	164.37	129.18	110.22	107.76	113.72	109.57	101.42	65.32	62.35	55.51	49.09	70.79	71.95	49.14
ARA (Belgium, Germany, Netherlands)	10.49	6.68	9.79	8.09	7.40	13.94	6.35	17.74	20.47	11.66	11.83	5.29	7.48	5.77
Other Europe	29.78	39.78	26.41	17.93	14.67	20.10	19.34	9.44	6.30	4.72	6.95	2.63	7.02	8.28
FSU ²	51.82	93.77	83.02	77.31	65.43	62.15	20.45	37.31	22.42	29.12	49.44	23.70	23.05	29.29
Saudi Arabia	0.95	0.71	0.89	7.57	0.47	-	0.18	-	-	-	0.44	-	-	1.86
Algeria	4.82	-	6.88	12.64	36.13	38.99	28.93	8.30	7.23	4.23	3.66	0.95	-	8.36
Other Middle East & Africa ³	32.98	27.06	29.48	24.56	34.43	17.90	27.46	24.30	12.55	7.17	9.52	8.54	6.88	5.31
Singapore	4.80	2.74	1.18	1.37	1.19	1.22	-	-	-	-	0.53	2.55	-	0.93
OECD Asia Oceania	2.55	0.73	-	-	-	-	-	1.24	-	-	-	-	-	-
Non-OECD Asia (excl. Singapore)	5.93	5.22	1.60	3.21	2.61	0.46	-	1.55	0.47	1.46	-	0.69	0.20	0.02
Other	0.22	0.40	0.02	0.60	-	-	-	-	0.29	-	0.04	0.49	2.41	6.87
Total⁴	343.25	322.90	287.80	270.82	277.47	267.92	206.38	165.33	132.08	115.66	148.68	131.24	161.15	122.43
of which Non-OECD	300.88	275.71	251.61	245.54	255.40	233.92	180.69	138.56	105.32	100.01	129.90	123.33	146.65	108.38
OECD Europe														
OECD Americas	18.91	28.17	43.41	30.90	33.22	30.22	33.71	16.40	16.96	12.21	15.23	5.87	4.42	6.64
Venezuela	1.70	-	-	-	-	-	-	-	0.07	-	-	-	-	-
Other Central & South America	25.52	19.70	25.84	18.66	17.49	27.43	27.90	26.22	26.19	20.50	5.43	2.16	2.65	4.56
Non-OECD Europe	9.07	9.37	19.05	16.58	18.96	13.98	7.93	15.67	17.79	12.10	15.33	17.23	16.91	20.61
FSU ²	176.30	198.27	232.68	247.46	290.62	336.11	292.43	330.34	463.63	468.95	412.75	182.18	143.16	144.23
Saudi Arabia	2.40	-	0.09	6.10	-	0.88	0.05	1.22	-	-	-	0.11	0.65	-
Algeria	6.93	3.32	3.72	6.68	3.41	1.54	-	0.72	-	2.79	3.01	0.85	1.17	0.19
Other Middle East & Africa ³	48.68	25.62	38.47	27.94	23.27	10.21	4.85	7.74	8.08	9.10	16.44	22.85	14.99	18.94
Singapore	0.23	-	0.11	0.74	1.50	1.31	-	0.09	-	0.27	0.48	-	-	1.06
OECD Asia Oceania	0.57	0.04	-	-	0.46	1.70	1.78	8.09	10.81	13.31	9.62	9.44	7.95	14.37
Non-OECD Asia (excl. Singapore)	-	-	0.35	-	0.41	1.06	1.06	0.30	-	-	0.05	0.53	0.11	2.79
Other	98.52	54.04	26.12	105.82	21.17	38.28	94.79	103.16	12.58	-38.95	-17.53	-8.39	5.00	8.41
Total⁴	388.82	338.52	389.82	460.87	410.52	462.70	464.50	509.97	556.12	500.28	460.81	232.81	197.00	221.81
of which Non-OECD	369.34	310.32	346.41	429.97	376.84	430.79	429.01	485.47	528.34	474.76	435.96	217.51	184.63	202.07
OECD Asia Oceania														
OECD Americas	2.50	0.24	-	0.20	1.17	2.04	1.02	0.38	2.77	0.69	-	0.22	0.46	0.99
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	0.58	-	-	-	-	-	-	-	-	-	-	-	-	-
ARA (Belgium, Germany, Netherlands)	-	-	-	0.02	-	-	1.56	-	1.77	-	-	-	-	-
Other Europe	-	-	-	-	-	-	-	14.09	24.10	-	1.11	-	-	-
FSU ²	1.31	0.09	1.09	0.11	1.11	2.39	3.71	2.72	10.13	9.65	3.64	9.45	15.95	6.08
Saudi Arabia	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.86
Algeria	-	-	-	-	-	-	-	1.53	2.39	-	1.02	-	-	-
Other Middle East & Africa ³	0.86	-	-	-	-	-	-	6.51	6.53	15.24	5.04	17.83	22.92	27.30
Singapore	8.45	5.60	15.87	27.68	13.03	16.40	39.01	40.42	35.38	44.21	73.08	58.32	37.44	24.71
Non-OECD Asia (excl. Singapore)	58.15	61.91	81.59	59.06	72.31	90.30	132.84	138.11	109.11	98.15	69.35	58.79	84.94	39.92
Other	28.28	36.27	34.25	29.29	35.31	37.00	44.62	29.36	9.11	3.12	0.58	0.47	0.27	1.33
Total⁴	100.14	104.11	132.80	116.38	122.93	148.14	222.76	231.59	200.44	173.45	152.80	146.10	161.97	101.18
of which Non-OECD	97.64	103.88	132.80	116.16	121.76	146.10	220.18	220.49	174.66	172.76	151.69	145.88	161.52	100.19
Total OECD Trade⁴														
of which Non-OECD	767.86	689.91	730.82	791.67	754.00	810.81	829.88	844.52	808.32	747.53	717.55	486.71	492.80	410.64

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes. Data differs from that published in the Oil Information (2020 Edition).

² FSU excludes Estonia, Latvia and Lithuania.

³ Other Middle East & Africa excludes Israel.

⁴ Total figure excludes intra-regional trade.

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