

Table 1
WORLD OIL SUPPLY AND DEMAND
(million barrels per day)

	2015	2016	1Q17	2Q17	3Q17	4Q17	2017	1Q18	2Q18	3Q18	4Q18	2018	1Q19	2Q19	3Q19	4Q19	2019
OECD DEMAND																	
Americas	24.6	24.9	24.6	25.1	25.2	25.3	25.1	25.3	25.4	25.8	25.7	25.5	25.4	25.7	26.1	25.9	25.8
Europe	13.8	14.0	13.9	14.3	14.7	14.4	14.3	14.1	14.2	14.7	14.1	14.3	13.9	14.4	14.7	14.3	14.3
Asia Oceania	8.1	8.1	8.5	7.7	7.8	8.3	8.1	8.5	7.6	7.6	8.0	7.9	8.2	7.5	7.5	8.0	7.8
Total OECD	46.5	47.0	46.9	47.1	47.7	48.1	47.4	47.9	47.2	48.1	47.7	47.7	47.6	47.6	48.4	48.2	47.9
NON-OECD DEMAND																	
FSU	4.6	4.5	4.3	4.5	4.7	4.6	4.5	4.5	4.6	4.9	4.8	4.7	4.7	4.7	5.0	5.0	4.8
Europe	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
China	11.6	12.0	12.4	12.9	12.3	12.7	12.6	12.7	13.0	13.2	13.1	13.0	12.9	13.5	13.7	13.7	13.5
Other Asia	12.5	13.1	13.2	13.5	13.3	13.7	13.4	13.8	14.0	13.5	14.0	13.8	14.2	14.4	13.9	14.3	14.2
Americas	6.7	6.4	6.3	6.5	6.6	6.4	6.4	6.3	6.3	6.5	6.4	6.4	6.3	6.4	6.4	6.4	6.4
Middle East	8.5	8.5	8.2	8.7	8.9	8.2	8.5	8.2	8.5	8.8	8.2	8.4	8.3	8.7	8.9	8.3	8.5
Africa	4.2	4.3	4.4	4.3	4.2	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.4	4.4	4.2	4.4	4.3
Total Non-OECD	48.8	49.5	49.6	51.0	50.7	50.6	50.5	50.6	51.6	51.7	51.7	51.4	51.5	52.7	52.8	52.9	52.5
Total Demand¹	95.3	96.4	96.6	98.1	98.4	98.7	98.0	98.4	98.8	99.9	99.4	99.1	99.1	100.3	101.2	101.1	100.4
OECD SUPPLY																	
Americas	20.0	19.4	20.0	19.8	20.3	21.3	20.3	21.8	22.1	23.3	24.0	22.8	23.8	23.9	24.5	24.9	24.3
Europe	3.5	3.5	3.7	3.5	3.4	3.4	3.5	3.6	3.4	3.3	3.5	3.5	3.5	3.3	3.3	3.5	3.4
Asia Oceania	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Total OECD ⁴	23.9	23.4	24.0	23.7	24.1	25.1	24.2	25.7	25.9	27.0	27.9	26.7	27.7	27.6	28.4	28.9	28.1
NON-OECD SUPPLY																	
FSU	14.0	14.2	14.4	14.3	14.2	14.3	14.3	14.4	14.4	14.6	14.8	14.6	14.8	14.4	14.5	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	0.1	0.1
China	4.3	4.0	3.9	3.9	3.8	3.8	3.9	3.8	3.9	3.8	3.9	3.8	3.9	4.0	3.9	3.9	3.9
Other Asia	3.6	3.6	3.5	3.4	3.4	3.4	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2
Americas	4.6	4.5	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.6	4.5	4.5	4.7	4.9	5.0	4.8
Middle East	3.3	3.3	3.2	3.2	3.3	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Africa	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5
Total Non-OECD ⁴	31.4	31.0	31.1	30.9	30.8	30.9	30.9	30.9	31.0	31.0	31.4	31.1	31.4	31.1	31.4	31.7	31.4
Processing gains ³	2.2	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	2.3
Global Biofuels	2.3	2.4	2.0	2.5	2.8	2.5	2.5	2.1	2.8	3.1	2.5	2.6	2.2	2.8	3.0	2.7	2.7
Total Non-OPEC Supply	59.8	59.1	59.4	59.4	60.0	60.8	59.9	61.1	62.0	63.4	64.2	62.7	63.7	63.9	65.1	65.6	64.6
OPEC²																	
Crude	31.4	32.4	31.7	32.0	32.4	32.0	32.0	31.7	31.6	32.0	32.2	31.9	30.6				
NGLs	5.2	5.4	5.6	5.5	5.5	5.4	5.5	5.5	5.5	5.5	5.6	5.5	5.6	5.6	5.6	5.6	5.6
Total OPEC	36.6	37.8	37.2	37.5	37.9	37.4	37.5	37.3	37.1	37.6	37.8	37.4	36.2				
Total Supply	96.4	96.9	96.6	96.9	97.9	98.3	97.4	98.4	99.1	101.0	102.0	100.1	99.8				
STOCK CHANGES AND MISCELLANEOUS																	
Reported OECD																	
Industry	0.8	0.0	0.3	-0.1	-0.5	-1.3	-0.4	-0.5	0.0	0.6	0.1	0.0	-0.2				
Government	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	0.0	-0.2	-0.1	0.1				
Total	0.8	0.0	0.3	-0.3	-0.7	-1.4	-0.5	-0.4	-0.1	0.5	-0.1	0.0	-0.2				
Floating storage/Oil in transit	0.3	0.2	0.0	-0.1	0.5	1.0	0.4	-1.0	0.3	-0.3	0.6	0.0	-0.6				
Miscellaneous to balance ⁵	0.1	0.2	-0.2	-0.9	-0.4	0.0	-0.4	1.3	0.1	0.9	2.1	1.0	1.5				
Total Stock Ch. & Misc	1.1	0.4	0.1	-1.2	-0.5	-0.4	-0.5	-0.1	0.3	1.1	2.6	1.0	0.7				
Memo items:																	
Call on OPEC crude + Stock ch. ⁶	30.3	32.0	31.6	33.2	32.9	32.4	32.5	31.8	31.2	30.9	29.6	30.9	29.9	30.9	30.5	29.9	30.3

¹ Measured as deliveries from refineries and primary stocks, comprises inland deliveries, international marine bunkers, refinery fuel, crude for direct burning,

oil from non-conventional sources and other sources of supply. Includes Biofuels.

² OPEC data based on today's membership throughout the time series.

³ Net volumetric gains and losses in the refining process and marine transportation losses.

⁴ Comprises crude oil, condensates, NGLs, oil from non-conventional sources and other sources of supply.

⁵ Includes changes in non-reported stocks in OECD and non-OECD areas.

⁶ Equals the arithmetic difference between total demand minus total non-OPEC supply minus OPEC NGLs.

Table 1a
WORLD OIL SUPPLY AND DEMAND: CHANGES FROM LAST MONTH'S TABLE 1
(million barrels per day)

	2015	2016	1Q17	2Q17	3Q17	4Q17	2017	1Q18	2Q18	3Q18	4Q18	2018	1Q19	2Q19	3Q19	4Q19	2019
OECD DEMAND																	
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-	-
Total OECD	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-	-0.1
NON-OECD DEMAND																	
FSU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-	-0.2	-	-	0.1	-
Other Asia	-	-	-	-	-	-	-	-	-	-	-0.1	-	-0.1	-	-	-0.1	-0.1
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-	-
Middle East	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-0.1	-	-0.1	-	-	-	-0.1
Total Non-OECD	-	-	-	-	-	-	-	-	-	-0.1	-0.2	-0.1	-0.3	-	-0.1	-0.1	-0.1
Total Demand	-	-	-	-	-	-	-	-	-	-0.1	-0.2	-0.1	-0.4	-0.1	-0.1	-0.1	-0.2
OECD SUPPLY																	
Americas	-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	-	0.1	0.1	0.1
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-0.1	-
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total OECD	-	-	-	-	-	0.1	-	-	-	-	-	-	0.2	-	0.1	0.1	0.1
NON-OECD SUPPLY																	
FSU	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1
Other Asia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-0.1
Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-OECD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-
Processing gains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Biofuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-OPEC Supply	-	-	-	-	-	0.1	-	-	-	-	-	-	0.2	-	0.2	0.2	0.1
OPEC																	
Crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGLs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total OPEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Supply	-	-	-	-	-	0.1	-	-	-	-	-	-	0.2	-	-	-	-
STOCK CHANGES AND MISCELLANEOUS																	
REPORTED OECD																	
Industry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Floating storage/Oil in transit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous to balance	-	-	-	-	-	0.1	-	0.1	-	-	0.2	0.1	-	-	-	-	-
Total Stock Ch. & Misc	-	-	-	-	-	0.1	-	-	-	-	0.2	0.1	0.7	-	-	-	-
Memo items:																	
Call on OPEC crude + Stock ch.	-	-	-	-	-	-0.1	-	-	-	-	-0.2	-0.1	-0.7	-	-0.2	-0.2	-0.3

When submitting their monthly oil statistics, OECD Member countries periodically update data for prior periods. Similar updates to non-OECD data can occur.

Table 2
SUMMARY OF GLOBAL OIL DEMAND

	2016	1Q17	2Q17	3Q17	4Q17	2017	1Q18	2Q18	3Q18	4Q18	2018	1Q19	2Q19	3Q19	4Q19	2019
Demand (mb/d)																
Americas	24.88	24.61	25.12	25.15	25.34	25.06	25.26	25.37	25.83	25.66	25.53	25.40	25.74	26.14	25.91	25.80
Europe	13.99	13.86	14.29	14.74	14.42	14.33	14.09	14.23	14.68	14.12	14.28	13.95	14.40	14.72	14.31	14.35
Asia Oceania	8.11	8.48	7.66	7.80	8.32	8.06	8.51	7.60	7.62	7.96	7.92	8.22	7.48	7.52	8.00	7.80
Total OECD	46.97	46.95	47.07	47.69	48.08	47.45	47.86	47.20	48.14	47.74	47.74	47.57	47.62	48.37	48.22	47.95
Asia	25.05	25.68	26.38	25.63	26.32	26.00	26.52	27.06	26.69	27.11	26.85	27.16	27.85	27.53	28.07	27.66
Middle East	8.49	8.22	8.65	8.86	8.21	8.49	8.19	8.53	8.75	8.20	8.42	8.26	8.67	8.86	8.26	8.51
Americas	6.44	6.33	6.45	6.56	6.44	6.45	6.32	6.35	6.46	6.41	6.39	6.27	6.36	6.42	6.37	6.36
FSU	4.51	4.30	4.51	4.73	4.60	4.54	4.48	4.64	4.91	4.83	4.72	4.66	4.71	4.97	5.00	4.84
Africa	4.26	4.36	4.30	4.19	4.27	4.28	4.33	4.29	4.16	4.31	4.27	4.41	4.37	4.23	4.37	4.35
Europe	0.72	0.71	0.75	0.76	0.76	0.75	0.73	0.74	0.77	0.80	0.76	0.76	0.76	0.79	0.80	0.78
Total Non-OECD	49.48	49.61	51.05	50.72	50.59	50.50	50.58	51.61	51.73	51.65	51.40	51.52	52.73	52.80	52.87	52.49
World	96.45	96.56	98.11	98.41	98.67	97.95	98.44	98.81	99.87	99.39	99.14	99.08	100.35	101.18	101.09	100.44
of which: US50	19.69	19.54	20.07	20.01	20.21	19.96	20.24	20.33	20.63	20.60	20.45	20.40	20.69	20.91	20.80	20.70
Europe 5*	8.15	8.19	8.32	8.48	8.26	8.31	8.22	8.23	8.34	8.16	8.24	8.17	8.27	8.40	8.26	8.27
China	11.99	12.44	12.88	12.33	12.65	12.58	12.75	13.02	13.19	13.14	13.03	12.92	13.47	13.66	13.74	13.45
Japan	4.01	4.30	3.58	3.63	4.06	3.89	4.27	3.43	3.53	3.89	3.78	4.08	3.38	3.48	3.86	3.70
India	4.44	4.46	4.67	4.42	4.72	4.57	4.82	4.93	4.53	4.80	4.77	5.05	5.15	4.74	5.03	4.99
Russia	3.33	3.14	3.31	3.50	3.34	3.32	3.29	3.39	3.63	3.55	3.47	3.44	3.44	3.67	3.64	3.55
Brazil	2.98	2.92	2.96	3.08	3.04	3.00	2.95	2.91	3.07	3.08	3.00	2.98	3.01	3.12	3.11	3.06
Saudi Arabia	3.30	2.93	3.41	3.62	3.13	3.27	2.93	3.18	3.32	2.96	3.10	2.98	3.31	3.43	3.09	3.20
Canada	2.47	2.37	2.36	2.52	2.52	2.45	2.32	2.34	2.56	2.49	2.43	2.30	2.35	2.56	2.47	2.42
Korea	2.61	2.62	2.49	2.57	2.65	2.58	2.63	2.55	2.48	2.44	2.52	2.53	2.49	2.46	2.52	2.50
Mexico	2.05	2.02	2.03	1.95	1.93	1.98	1.99	2.02	1.97	1.88	1.97	1.99	2.03	1.98	1.93	1.98
Iran	1.96	2.10	2.01	1.98	1.98	2.02	2.07	2.07	2.08	2.08	2.07	2.06	2.02	1.99	1.97	2.01
Total	66.98	67.04	68.10	68.10	68.50	67.94	68.48	68.41	69.33	69.07	68.83	68.91	69.61	70.39	70.42	69.83
% of World	69.4%	69.4%	69.4%	69.2%	69.4%	69.4%	69.6%	69.2%	69.4%	69.5%	69.4%	69.5%	69.4%	69.6%	69.7%	69.5%
Annual Change (% per annum)																
Americas	1.1	-0.5	2.1	-0.1	1.4	0.7	2.6	1.0	2.7	1.3	1.9	0.6	1.5	1.2	0.9	1.0
Europe	1.2	2.3	3.0	2.4	2.0	2.4	1.7	-0.4	-0.4	-2.1	-0.3	-1.0	1.2	0.2	1.4	0.4
Asia Oceania	0.0	-1.4	-0.3	0.0	-0.2	-0.5	0.4	-0.7	-2.3	-4.3	-1.8	-3.5	-1.6	-1.3	0.5	-1.5
Total OECD	1.0	0.2	2.0	0.7	1.3	1.0	2.0	0.3	0.9	-0.7	0.6	-0.6	0.9	0.5	1.0	0.4
Asia	4.1	3.1	3.7	4.4	4.0	3.8	3.3	2.6	4.1	3.0	3.2	2.4	2.9	3.2	3.6	3.0
Middle East	-0.4	1.4	0.2	-0.6	-1.3	-0.1	-0.4	-1.4	-1.2	-0.1	-0.8	0.9	1.6	1.3	0.8	1.1
Americas	-4.1	-0.3	-0.2	0.4	0.6	0.1	-0.1	-1.6	-1.5	-0.4	-0.9	-0.9	0.2	-0.6	-0.7	-0.5
FSU	-1.3	-1.1	3.6	1.0	-1.1	0.6	4.3	2.8	3.8	5.0	4.0	3.9	1.5	1.2	3.4	2.5
Africa	1.1	1.8	-0.1	1.1	-0.4	0.6	-0.6	-0.2	-0.8	0.9	-0.2	1.8	1.9	1.8	1.4	1.7
Europe	4.8	1.4	2.0	4.0	4.0	2.9	2.5	-0.9	1.4	5.4	2.0	3.7	2.9	2.5	1.0	2.6
Total Non-OECD	1.4	1.9	2.3	2.4	1.8	2.1	2.0	1.1	2.0	2.1	1.8	1.8	2.2	2.1	2.4	2.1
World	1.2	1.0	2.1	1.5	1.6	1.6	2.0	0.7	1.5	0.7	1.2	0.6	1.6	1.3	1.7	1.3
Annual Change (mb/d)																
Americas	0.28	-0.11	0.51	-0.03	0.36	0.18	0.65	0.25	0.68	0.33	0.48	0.14	0.37	0.30	0.24	0.26
Europe	0.16	0.31	0.41	0.35	0.28	0.34	0.24	-0.06	-0.05	-0.30	-0.05	-0.14	0.16	0.03	0.20	0.06
Asia Oceania	0.00	-0.12	-0.02	0.00	-0.02	-0.04	0.03	-0.05	-0.18	-0.36	-0.14	-0.30	-0.12	-0.10	0.04	-0.12
Total OECD	0.45	0.07	0.90	0.31	0.62	0.48	0.92	0.14	0.45	-0.34	0.29	-0.30	0.41	0.24	0.48	0.21
Asia	0.98	0.77	0.95	1.07	1.01	0.95	0.84	0.68	1.06	0.79	0.84	0.64	0.80	0.84	0.96	0.81
Middle East	-0.04	0.12	0.02	-0.05	-0.11	-0.01	-0.03	-0.12	-0.11	-0.01	-0.07	0.07	0.14	0.11	0.06	0.10
Americas	-0.28	-0.02	-0.01	0.02	0.04	0.01	-0.01	-0.10	-0.10	-0.03	-0.06	-0.05	0.02	-0.04	-0.04	-0.03
FSU	-0.06	-0.05	0.16	0.05	-0.05	0.03	0.18	0.12	0.18	0.23	0.18	0.18	0.07	0.06	0.16	0.12
Africa	0.05	0.08	0.00	0.05	-0.02	0.03	-0.03	-0.01	-0.03	0.04	-0.01	0.08	0.08	0.08	0.06	0.07
Europe	0.03	0.01	0.01	0.03	0.03	0.02	0.02	-0.01	0.01	0.04	0.01	0.03	0.02	0.02	0.01	0.02
Total Non-OECD	0.69	0.90	1.12	1.16	0.90	1.03	0.97	0.56	1.01	1.06	0.90	0.93	1.12	1.07	1.22	1.09
World	1.14	0.97	2.03	1.48	1.52	1.50	1.89	0.70	1.46	0.72	1.19	0.64	1.54	1.30	1.70	1.30
Revisions to Oil Demand from Last Month's Report (mb/d)																
Americas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.06	-0.01	-0.02	-0.03
Europe	0.00	0.03	0.04	0.03	0.02	0.03	0.01	0.02	0.02	-0.02	0.01	0.00	0.04	0.03	0.00	0.02
Asia Oceania	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.01	-0.01	-0.01	-0.04
Total OECD	0.00	0.03	0.04	0.03	0.02	0.03	0.01	0.02	0.02	-0.02	0.01	-0.14	-0.03	0.00	-0.03	-0.05
Asia	0.00	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.01	-0.02	-0.08	-0.03	-0.26	0.01	0.00	-0.03	-0.07
Middle East	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.05	0.03	0.02	0.05	0.04
Americas	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.06	-0.02	-0.02	-0.03	-0.03
FSU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	-0.01	-0.01	0.00	0.01
Africa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.07	-0.03	-0.09	-0.04	-0.04	-0.04	-0.05
Europe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Total Non-OECD	0.00	-0.03	-0.03	-0.03	-0.03	-0.03	-0.04	-0.03	-0.07	-0.16	-0.08	-0.30	-0.03	-0.05	-0.05	-0.11
World	0.00	0.00	0.01	0.00	-0.01	0.00	-0.03	0.00	-0.05	-0.18	-0.07	-0.44	-0.06	-0.05	-0.08	-0.16
Revisions to Oil Demand Growth from Last Month's Report (mb/d)																
World	0.00	0.00	0.01	0.00	-0.02	0.00	-0.03	-0.01	-0.05	-0.17	-0.07	-0.41	-0.06	0.00	0.10	-0.09

* France, Germany, Italy, Spain and UK

Table 2a
OECD REGIONAL OIL DEMAND¹
(million barrels per day)

	Latest month vs.									
	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19 ²	Jan 19 Feb 18
Americas										
LPG and ethane	3.33	3.63	3.99	3.29	3.48	3.77	3.91	4.34	4.27	-0.08 0.35
Naphtha	0.34	0.29	0.28	0.27	0.31	0.32	0.31	0.24	0.25	0.01 -0.04
Motor gasoline	11.11	11.08	10.73	11.28	11.29	11.03	10.90	10.46	10.69	0.23 0.16
Jet and kerosene	1.98	2.03	1.95	2.04	2.12	2.01	1.98	1.95	1.92	-0.03 0.02
Gasoil/diesel oil	5.14	5.38	5.39	5.38	5.30	5.47	5.16	5.51	5.61	0.10 0.43
Residual fuel oil	0.68	0.67	0.63	0.68	0.71	0.67	0.71	0.63	0.66	0.03 0.05
Other products	2.47	2.44	2.31	2.42	2.62	2.40	2.22	2.18	1.88	-0.30 -0.37
Total	25.06	25.53	25.26	25.37	25.83	25.66	25.19	25.31	25.27	-0.04 0.59
Europe										
LPG and ethane	1.14	1.16	1.25	1.12	1.15	1.11	1.15	1.15	1.14	0.00 -0.09
Naphtha	1.12	1.01	1.13	0.99	1.00	0.92	0.99	1.17	1.10	-0.06 -0.07
Motor gasoline	1.97	1.98	1.86	2.05	2.06	1.95	1.92	1.79	1.87	0.08 -0.05
Jet and kerosene	1.45	1.52	1.38	1.54	1.71	1.46	1.39	1.39	1.38	-0.01 -0.02
Gasoil/diesel oil	6.48	6.45	6.44	6.34	6.45	6.57	6.19	6.41	6.60	0.19 -0.24
Residual fuel oil	0.89	0.88	0.89	0.89	0.90	0.84	0.84	0.89	0.93	0.03 0.01
Other products	1.29	1.28	1.14	1.30	1.42	1.27	1.14	1.01	1.17	0.16 0.01
Total	14.33	14.28	14.09	14.23	14.68	14.12	13.62	13.80	14.19	0.39 -0.45
Asia Oceania										
LPG and ethane	0.75	0.72	0.82	0.72	0.65	0.70	0.77	0.84	0.85	0.01 0.01
Naphtha	2.04	1.99	2.04	1.92	1.97	2.02	2.07	2.10	2.12	0.03 -0.01
Motor gasoline	1.54	1.53	1.51	1.51	1.59	1.52	1.58	1.45	1.51	0.07 -0.02
Jet and kerosene	0.91	0.91	1.18	0.74	0.72	1.00	1.19	1.23	1.22	-0.01 -0.12
Gasoil/diesel oil	1.89	1.92	1.95	1.90	1.88	1.96	1.99	1.94	2.01	0.06 -0.01
Residual fuel oil	0.58	0.55	0.66	0.49	0.52	0.53	0.53	0.53	0.55	0.02 -0.16
Other products	0.35	0.30	0.35	0.32	0.30	0.23	0.25	0.23	0.22	0.00 -0.09
Total	8.06	7.92	8.51	7.60	7.62	7.96	8.38	8.31	8.48	0.17 -0.41
OECD										
LPG and ethane	5.21	5.51	6.06	5.13	5.28	5.58	5.83	6.33	6.26	-0.07 0.27
Naphtha	3.50	3.29	3.45	3.18	3.27	3.26	3.37	3.51	3.47	-0.03 -0.13
Motor gasoline	14.62	14.59	14.10	14.84	14.93	14.50	14.40	13.69	14.07	0.37 0.08
Jet and kerosene	4.35	4.46	4.51	4.33	4.55	4.47	4.56	4.57	4.52	-0.05 -0.11
Gasoil/diesel oil	13.51	13.76	13.77	13.63	13.63	13.99	13.34	13.86	14.21	0.35 0.18
Residual fuel oil	2.15	2.11	2.18	2.06	2.14	2.04	2.09	2.05	2.14	0.08 -0.11
Other products	4.11	4.02	3.80	4.04	4.33	3.90	3.60	3.42	3.27	-0.15 -0.45
Total	47.45	47.74	47.86	47.20	48.14	47.74	47.19	47.43	47.94	0.51 -0.27

¹ Demand, measured as deliveries from refineries and primary stocks, comprises inland deliveries, international bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply. Jet/kerosene comprises jet kerosene and non-aviation kerosene. Gasoil comprises diesel, light heating oil and other gasoils.

North America comprises US 50 states, US territories, Mexico and Canada.

² Latest official OECD submissions (MOS).

Table 2b
OIL DEMAND IN SELECTED OECD COUNTRIES¹
(million barrels per day)

	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19 ²	Latest month vs.	
										Jan 19	Feb 18
United States³											
LPG and ethane	2.54	2.85	3.12	2.58	2.68	3.04	3.23	3.45	3.39	-0.06	0.38
Naphtha	0.23	0.23	0.21	0.20	0.24	0.24	0.24	0.20	0.21	0.01	-0.01
Motor gasoline	9.33	9.32	9.01	9.51	9.51	9.25	9.22	8.74	8.96	0.22	0.15
Jet and kerosene	1.69	1.72	1.65	1.73	1.78	1.70	1.67	1.66	1.62	-0.04	0.02
Gasoil/diesel oil	3.93	4.13	4.18	4.13	4.05	4.18	4.03	4.36	4.33	-0.02	0.37
Residual fuel oil	0.34	0.32	0.28	0.32	0.34	0.34	0.40	0.30	0.30	0.00	0.02
Other products	1.90	1.88	1.78	1.86	2.04	1.85	1.70	1.74	1.38	-0.37	-0.35
Total	19.96	20.45	20.24	20.33	20.63	20.60	20.48	20.45	20.19	-0.26	0.58
Japan											
LPG and ethane	0.39	0.37	0.46	0.35	0.31	0.36	0.40	0.45	0.48	0.03	0.02
Naphtha	0.77	0.73	0.75	0.66	0.70	0.80	0.79	0.79	0.82	0.03	0.02
Motor gasoline	0.88	0.87	0.84	0.85	0.92	0.86	0.91	0.78	0.84	0.06	-0.02
Jet and kerosene	0.51	0.50	0.73	0.37	0.33	0.57	0.73	0.73	0.77	0.03	-0.10
Diesel	0.43	0.45	0.43	0.44	0.45	0.48	0.48	0.42	0.48	0.05	0.02
Other gasoil	0.35	0.33	0.40	0.29	0.28	0.33	0.36	0.36	0.38	0.02	-0.06
Residual fuel oil	0.28	0.28	0.34	0.23	0.27	0.27	0.27	0.25	0.29	0.04	-0.09
Other products	0.28	0.26	0.31	0.24	0.27	0.24	0.26	0.27	0.25	-0.02	-0.03
Total	3.89	3.78	4.27	3.43	3.53	3.89	4.20	4.06	4.31	0.25	-0.25
Germany											
LPG and ethane	0.13	0.11	0.11	0.13	0.11	0.09	0.10	0.11	0.13	0.03	0.03
Naphtha	0.30	0.26	0.30	0.27	0.25	0.24	0.27	0.35	0.35	0.00	0.00
Motor gasoline	0.50	0.49	0.50	0.50	0.50	0.48	0.47	0.46	0.48	0.02	-0.04
Jet and kerosene	0.22	0.22	0.19	0.23	0.24	0.21	0.21	0.20	0.21	0.01	0.02
Diesel	0.76	0.73	0.70	0.74	0.76	0.73	0.63	0.68	0.75	0.06	0.02
Other gasoil	0.37	0.33	0.41	0.27	0.29	0.37	0.37	0.50	0.45	-0.05	-0.01
Residual fuel oil	0.08	0.07	0.09	0.08	0.07	0.06	0.07	0.07	0.07	-0.01	-0.02
Other products	0.09	0.10	0.07	0.09	0.12	0.11	0.07	0.06	0.06	0.01	0.00
Total	2.46	2.33	2.37	2.30	2.34	2.29	2.19	2.44	2.50	0.06	-0.01
Italy											
LPG and ethane	0.10	0.10	0.12	0.09	0.09	0.11	0.12	0.11	0.11	0.00	-0.02
Naphtha	0.09	0.07	0.09	0.06	0.07	0.05	0.04	0.02	0.00	-0.02	-0.08
Motor gasoline	0.16	0.16	0.15	0.17	0.17	0.15	0.16	0.11	0.11	0.00	-0.05
Jet and kerosene	0.11	0.11	0.09	0.11	0.13	0.10	0.09	0.09	0.08	-0.01	-0.01
Diesel	0.47	0.50	0.50	0.50	0.49	0.50	0.49	0.49	0.49	0.00	-0.04
Other gasoil	0.08	0.08	0.07	0.08	0.09	0.09	0.08	0.07	0.07	0.00	-0.02
Residual fuel oil	0.08	0.08	0.08	0.08	0.07	0.07	0.06	0.07	0.06	-0.01	-0.02
Other products	0.15	0.17	0.15	0.17	0.18	0.18	0.16	0.15	0.17	0.02	0.02
Total	1.24	1.27	1.25	1.27	1.29	1.26	1.20	1.10	1.08	-0.02	-0.22
France											
LPG and ethane	0.12	0.11	0.14	0.10	0.09	0.10	0.11	0.14	0.14	0.00	-0.01
Naphtha	0.12	0.12	0.12	0.14	0.13	0.09	0.10	0.13	0.14	0.01	0.02
Motor gasoline	0.18	0.19	0.17	0.20	0.20	0.19	0.17	0.17	0.18	0.01	0.01
Jet and kerosene	0.16	0.17	0.15	0.17	0.19	0.16	0.16	0.16	0.16	0.00	0.01
Diesel	0.72	0.70	0.70	0.71	0.70	0.70	0.65	0.65	0.69	0.04	-0.02
Other gasoil	0.25	0.24	0.27	0.19	0.23	0.25	0.22	0.29	0.27	-0.02	-0.04
Residual fuel oil	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.00	0.00
Other products	0.12	0.13	0.10	0.13	0.14	0.13	0.11	0.11	0.09	-0.01	-0.02
Total	1.74	1.70	1.71	1.69	1.74	1.68	1.58	1.70	1.73	0.03	-0.06
United Kingdom											
LPG and ethane	0.14	0.14	0.15	0.15	0.13	0.14	0.15	0.13	0.16	0.03	0.02
Naphtha	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.00	0.00
Motor gasoline	0.29	0.28	0.27	0.29	0.28	0.28	0.28	0.28	0.30	0.02	0.00
Jet and kerosene	0.32	0.34	0.36	0.33	0.35	0.33	0.33	0.35	0.34	-0.01	-0.02
Diesel	0.52	0.53	0.50	0.54	0.53	0.53	0.53	0.49	0.55	0.06	-0.05
Other gasoil	0.14	0.15	0.13	0.15	0.16	0.14	0.13	0.10	0.14	0.04	0.00
Residual fuel oil	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.00	0.00
Other products	0.12	0.12	0.11	0.12	0.13	0.12	0.12	0.12	0.13	0.00	0.02
Total	1.58	1.61	1.58	1.64	1.63	1.59	1.59	1.52	1.67	0.15	-0.04
Canada											
LPG and ethane	0.39	0.35	0.42	0.30	0.38	0.32	0.28	0.43	0.42	-0.01	-0.03
Naphtha	0.10	0.05	0.06	0.05	0.05	0.05	0.06	0.01	0.01	0.00	-0.05
Motor gasoline	0.85	0.84	0.78	0.83	0.88	0.87	0.80	0.78	0.78	0.00	0.01
Jet and kerosene	0.15	0.17	0.14	0.16	0.19	0.16	0.17	0.16	0.17	0.01	0.02
Diesel	0.29	0.26	0.26	0.27	0.26	0.26	0.26	0.56	0.60	0.04	0.33
Other gasoil	0.27	0.32	0.28	0.29	0.34	0.37	0.29	0.00	0.00	0.00	-0.28
Residual fuel oil	0.06	0.08	0.06	0.09	0.07	0.09	0.10	0.06	0.10	0.03	0.04
Other products	0.35	0.36	0.32	0.36	0.38	0.36	0.35	0.26	0.29	0.04	-0.03
Total	2.45	2.43	2.32	2.34	2.56	2.49	2.31	2.26	2.38	0.12	0.00

¹ Demand, measured as deliveries from refineries and primary stocks, comprises inland deliveries, international bunkers and refinery fuel. It includes crude for direct burning, oil from non-conventional sources and other sources of supply. Jet/kerosene comprises jet kerosene and non-aviation kerosene. Gasoil comprises diesel, light heating oil and other gasoils.

² Latest official OECD submissions (MOS).

³ US figures exclude US territories.

Table 3
WORLD OIL PRODUCTION
(million barrels per day)

	2017	2018	2019	4Q18	1Q19	2Q19	3Q19	4Q19	Feb 19	Mar 19	Apr 19
OPEC											
Crude Oil											
Saudi Arabia	9.96	10.33		10.78	10.06				10.14	9.80	9.81
Iran	3.81	3.58		3.03	2.73				2.74	2.74	2.61
Iraq	4.47	4.57		4.68	4.67				4.70	4.56	4.63
UAE	2.93	3.00		3.26	3.06				3.05	3.05	3.05
Kuwait	2.71	2.75		2.78	2.71				2.71	2.71	2.69
Neutral Zone	0.00	0.00		0.00	0.00				0.00	0.00	0.00
Angola	1.64	1.49		1.45	1.44				1.43	1.41	1.41
Nigeria	1.53	1.60		1.63	1.68				1.69	1.69	1.79
Libya	0.83	0.97		1.08	0.96				0.90	1.07	1.17
Algeria	1.05	1.04		1.07	1.03				1.03	1.02	1.02
Congo	0.26	0.32		0.33	0.35				0.35	0.36	0.35
Gabon	0.20	0.19		0.18	0.22				0.22	0.22	0.20
Equatorial Guinea	0.13	0.12		0.11	0.11				0.10	0.12	0.12
Ecuador	0.53	0.52		0.52	0.53				0.53	0.53	0.53
Venezuela	1.97	1.40		1.30	1.08				1.14	0.87	0.83
Total Crude Oil	32.01	31.88		32.19	30.61				30.73	30.15	30.21
Total NGLs ¹	5.51	5.55	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57	5.57
Total OPEC²	37.52	37.42		37.75	36.18				36.30	35.72	35.78
NON-OPEC³											
OECD											
Americas	20.34	22.79	24.28	23.96	23.80	23.88	24.55	24.90	23.66	24.01	23.76
United States	13.29	15.49	17.17	16.54	16.65	17.01	17.38	17.63	16.57	16.78	16.89
Mexico	2.23	2.08	1.91	1.95	1.92	1.92	1.91	1.91	1.95	1.94	1.93
Canada	4.82	5.21	5.19	5.45	5.22	4.94	5.25	5.36	5.13	5.28	4.93
Chile	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Europe	3.48	3.47	3.38	3.54	3.46	3.27	3.33	3.47	3.46	3.45	3.38
UK	1.01	1.11	1.15	1.16	1.19	1.14	1.09	1.19	1.24	1.18	1.17
Norway	1.97	1.85	1.74	1.86	1.78	1.64	1.76	1.79	1.75	1.78	1.73
Others	0.50	0.51	0.48	0.52	0.49	0.48	0.48	0.48	0.47	0.49	0.48
Asia Oceania	0.39	0.41	0.48	0.44	0.44	0.47	0.49	0.51	0.45	0.46	0.47
Australia	0.31	0.34	0.42	0.37	0.38	0.41	0.43	0.45	0.38	0.40	0.40
Others	0.07	0.07	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.06	0.06
Total OECD	24.21	26.67	28.14	27.93	27.70	27.62	28.36	28.88	27.57	27.93	27.61
NON-OECD											
Former USSR	14.30	14.56	14.60	14.83	14.80	14.35	14.51	14.73	14.84	14.72	14.37
Russia	11.32	11.49	11.60	11.75	11.67	11.51	11.58	11.66	11.67	11.63	11.56
Others	2.98	3.07	2.99	3.08	3.13	2.84	2.93	3.06	3.17	3.08	2.81
Asia	7.34	7.19	7.16	7.21	7.20	7.22	7.09	7.12	7.16	7.28	7.21
China	3.87	3.85	3.93	3.89	3.92	3.97	3.89	3.92	3.89	3.99	3.95
Malaysia	0.72	0.72	0.70	0.71	0.71	0.71	0.67	0.70	0.70	0.71	0.71
India	0.86	0.84	0.81	0.82	0.82	0.81	0.82	0.81	0.82	0.83	0.81
Indonesia	0.84	0.80	0.77	0.79	0.77	0.77	0.76	0.76	0.78	0.77	0.77
Others	1.05	0.98	0.95	0.99	0.97	0.96	0.95	0.94	0.97	0.97	0.96
Europe	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Americas	4.54	4.50	4.78	4.56	4.49	4.69	4.90	5.02	4.42	4.48	4.58
Brazil	2.74	2.70	2.96	2.73	2.65	2.87	3.09	3.22	2.58	2.65	2.76
Argentina	0.57	0.58	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Colombia	0.86	0.87	0.88	0.89	0.90	0.89	0.88	0.87	0.90	0.89	0.89
Others	0.37	0.35	0.34	0.35	0.35	0.34	0.34	0.34	0.36	0.35	0.34
Middle East	3.22	3.27	3.27	3.30	3.28	3.27	3.26	3.27	3.28	3.29	3.27
Oman	0.98	0.99	0.98	1.00	0.98	0.97	0.97	0.98	0.98	0.98	0.97
Qatar	1.97	2.01	2.01	2.01	2.02	2.01	2.01	2.01	2.02	2.03	2.02
Syria	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Yemen	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Others	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.21	0.21
Africa	1.41	1.45	1.47	1.43	1.47	1.48	1.47	1.47	1.48	1.48	1.49
Egypt	0.64	0.65	0.64	0.65	0.65	0.64	0.64	0.64	0.64	0.65	0.65
Others	0.77	0.80	0.83	0.78	0.82	0.84	0.83	0.83	0.83	0.83	0.85
Total Non-OECD	30.94	31.09	31.39	31.44	31.36	31.12	31.35	31.73	31.29	31.36	31.05
Processing gains ⁴	2.29	2.32	2.35	2.32	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Global Biofuels	2.46	2.62	2.69	2.51	2.24	2.79	3.04	2.68	2.13	2.28	2.55
TOTAL NON-OPEC	59.90	62.70	64.58	64.21	63.65	63.89	65.10	65.64	63.34	63.92	63.55
TOTAL SUPPLY	97.42	100.12		101.96	99.83				99.64	99.63	99.33

¹ Includes condensates reported by OPEC countries; oil from non-conventional sources, e.g. NGLs in Qatar and Nigeria and non-oil inputs to Saudi Arabian MTBE.

² OPEC data based on today's membership throughout the time series.

³ Comprises crude oil, condensates, NGLs and oil from non-conventional sources

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

Table 3a
OIL SUPPLY IN OECD COUNTRIES¹
(thousand of barrels per day)

	2017	2018	2019	4Q18	1Q19	2Q19	3Q19	4Q19	Feb 19	Mar 19	Apr 19
United States											
Alaska	495	479	458	493	494	463	407	468	488	496	482
California	492	478	466	479	471	468	464	461	470	471	469
Texas	3487	4434	5174	4825	4898	5076	5265	5448	4890	4974	5015
Federal Gulf of Mexico ²	1679	1740	1848	1857	1839	1891	1854	1810	1719	1880	1886
Other US Lower 48	3199	3832	4244	4164	4132	4196	4300	4347	4121	4103	4177
NGLs ³	3783	4349	4811	4543	4649	4742	4922	4925	4706	4701	4695
Other Hydrocarbons	155	178	167	183	165	172	164	167	175	153	169
Total	13289	15489	17168	16544	16647	17009	17376	17625	16569	16778	16893
Canada											
Alberta Light/Medium/Heavy	446	489	485	501	486	485	485	483	477	493	485
Alberta Bitumen	1647	1857	1750	1917	1682	1622	1824	1870	1703	1723	1525
Saskatchewan	486	489	488	494	492	489	487	484	493	491	490
Other Crude	372	412	422	407	445	467	391	387	446	449	468
NGLs	839	909	917	954	970	845	896	959	959	961	908
Synthetic Crudes	1026	1056	1129	1174	1148	1029	1165	1174	1057	1165	1050
Total	4815	5212	5192	5447	5222	4938	5247	5358	5135	5282	4926
Mexico											
Crude	1948	1833	1686	1738	1690	1694	1683	1679	1722	1710	1691
NGLs	280	238	223	211	221	226	224	222	221	224	230
Total	2233	2077	1915	1954	1916	1925	1911	1907	1947	1939	1926
UK Offshore⁵											
Brent Fields	40	38	33	41	37	36	29	31	40	37	36
Forties Fields	425	365	366	345	380	377	351	358	380	381	380
Ninian Fields	39	36	35	36	37	35	34	33	36	37	36
Flotta Fields	24	20	20	22	22	18	21	21	22	22	22
Other Fields	365	527	572	595	590	550	526	623	633	578	566
NGLs	92	89	98	93	100	99	97	96	101	98	99
Total	985	1075	1125	1131	1165	1116	1058	1162	1212	1153	1139
Norway⁵											
Ekofisk-Ula Area	204	193	180	192	198	152	190	182	195	198	197
Oseberg-Troll Area	297	247	248	259	255	241	244	250	251	249	249
Statfjord-Gullfaks Area	337	311	246	307	278	181	262	263	287	252	226
Haltenbanken Area	309	331	301	328	293	305	305	301	265	299	296
Sleipner-Frigg Area	440	403	394	409	392	395	389	400	391	400	397
NGLs	381	365	344	367	362	346	331	338	358	369	352
Total	1969	1850	1743	1861	1783	1641	1756	1793	1746	1779	1734
Other OECD Europe											
Other N Sea Crude/NGLs ⁶	152	130	126	137	128	128	126	121	129	132	129
UK Onshore	19	18	17	18	18	18	17	17	18	18	18
Italy	78	90	92	87	87	87	94	102	88	86	86
Turkey	49	55	54	57	55	55	54	54	55	55	54
Other	118	117	111	115	116	113	110	107	116	114	113
NGLs (excl. North Sea)	12	11	11	13	11	11	11	11	9	12	11
Non-Conventional Oils	77	85	67	85	70	67	66	67	56	74	68
Total	504	506	480	511	484	478	478	478	471	491	479
Australia											
Gippsland Basin	35	33	35	36	36	35	35	34	36	36	35
Cooper-Eromanga Basin	30	35	34	35	35	34	34	33	35	35	34
Carnarvon Basin	196	209	227	229	230	228	225	224	231	230	229
Other Crude	-1	-2	-12	-13	-14	-11	-11	-11	-5	-11	-11
NGLs	52	59	75	61	57	73	81	89	49	69	70
Total	315	342	415	374	380	407	426	447	381	397	401
Other OECD Asia Oceania											
New Zealand	31	25	23	23	24	23	22	22	24	23	23
Japan	4	3	3	3	3	3	3	3	3	3	3
NGLs	14	13	14	12	14	14	14	14	13	14	14
Synthetic Fuels	25	29	24	26	24	24	24	24	25	24	24
Total	74	70	64	65	65	64	63	63	65	64	64
OECD											
Crude Oil	17477	19265	20247	20192	19896	19958	20349	20774	19826	20043	19901
NGLs	5426	6011	6473	6234	6364	6335	6555	6633	6395	6428	6358
Non-Conventional Oils ⁴	1311	1391	1424	1510	1443	1329	1457	1469	1347	1454	1347
Total	24214	26667	28144	27935	27703	27621	28361	28876	27568	27926	27606

¹ Subcategories refer to crude oil only unless otherwise noted.

² Only production from Federal waters is included.

³ To the extent possible, condensates from natural gas processing plants are included with NGLs, while field condensates are counted as crude oil.

⁴ Does not include biofuels.

⁵ North Sea production is grouped by area including all fields being processed through the named field complex, ie, not just the field of that name.

⁶ Other North Sea NGLs is included.

Table 4
OECD INDUSTRY STOCKS¹ AND QUARTERLY STOCK CHANGES

	RECENT MONTHLY STOCKS ²					PRIOR YEARS' STOCKS ²			STOCK CHANGES			
	in Million Barrels					in Million Barrels			in mb/d			
	Nov2018	Dec2018	Jan2019	Feb2019	Mar2019*	Mar2016	Mar2017	Mar2018	2Q2018	3Q2018	4Q2018	1Q2019
OECD Americas												
Crude	610.5	604.3	610.4	605.8	605.5	661.4	697.4	584.9	-0.14	0.00	0.35	0.01
Motor Gasoline	257.6	278.3	293.0	277.5	260.3	273.0	271.6	273.0	-0.07	0.04	0.09	-0.22
Middle Distillate	193.8	217.3	214.7	205.7	196.9	240.5	227.4	205.8	-0.16	0.27	0.01	-0.23
Residual Fuel Oil	35.1	34.2	36.7	33.7	35.0	50.8	44.8	40.8	-0.06	0.00	-0.01	0.01
Total Products ³	717.9	749.1	747.0	712.5	696.9	756.7	731.7	703.4	0.06	0.61	-0.17	-0.56
Total ⁴	1526.7	1541.9	1544.9	1509.9	1496.1	1592.0	1605.5	1468.4	0.03	0.76	0.01	-0.48
OECD Europe												
Crude	327.6	322.6	324.2	338.2	338.8	350.8	359.9	344.3	0.12	-0.31	-0.05	0.18
Motor Gasoline	89.8	95.3	107.8	105.9	103.3	100.9	100.5	96.6	-0.14	0.01	0.11	0.09
Middle Distillate	246.0	261.7	263.0	267.4	270.9	321.4	311.0	268.8	-0.13	0.18	-0.12	0.10
Residual Fuel Oil	58.5	56.4	60.5	58.2	59.2	82.5	69.2	61.2	-0.01	-0.03	-0.01	0.03
Total Products ³	509.9	528.5	549.0	551.4	551.6	603.3	591.3	544.5	-0.29	0.16	-0.05	0.26
Total ⁴	916.9	930.6	955.2	971.2	973.2	1025.5	1021.7	968.5	-0.14	-0.21	-0.06	0.47
OECD Asia Oceania												
Crude	160.7	154.4	152.8	167.5	160.9	196.0	188.6	161.1	0.01	-0.24	0.16	0.07
Motor Gasoline	25.2	24.1	26.3	25.5	25.0	26.1	23.0	24.0	0.00	0.00	0.00	0.01
Middle Distillate	78.1	73.7	64.3	63.2	66.8	59.0	59.4	62.0	0.04	0.13	-0.04	-0.08
Residual Fuel Oil	19.8	20.5	20.6	20.9	19.7	19.9	18.5	18.2	0.03	-0.01	0.01	-0.01
Total Products ³	187.9	180.7	169.0	167.8	163.0	166.1	155.4	161.2	0.04	0.22	-0.04	-0.20
Total ⁴	416.0	399.4	384.2	394.0	380.0	421.3	403.7	378.0	0.11	0.02	0.11	-0.21
Total OECD												
Crude	1098.8	1081.3	1087.4	1111.5	1105.2	1208.2	1245.8	1090.2	0.00	-0.55	0.46	0.26
Motor Gasoline	372.6	397.7	427.1	408.9	388.6	400.0	395.1	393.6	-0.20	0.05	0.20	-0.12
Middle Distillate	518.0	552.8	542.1	536.4	534.6	620.9	597.7	536.6	-0.25	0.58	-0.16	-0.20
Residual Fuel Oil	113.4	111.0	117.8	112.8	113.8	153.1	132.5	120.2	-0.05	-0.04	-0.01	0.03
Total Products ³	1415.7	1458.3	1464.9	1431.7	1411.4	1526.1	1478.3	1409.2	-0.19	0.99	-0.26	-0.50
Total ⁴	2859.5	2871.9	2884.2	2875.1	2849.4	3038.7	3030.9	2815.0	0.00	0.57	0.05	-0.23

OECD GOVERNMENT-CONTROLLED STOCKS⁵ AND QUARTERLY STOCK CHANGES

	RECENT MONTHLY STOCKS ²					PRIOR YEARS' STOCKS ²			STOCK CHANGES			
	in Million Barrels					in Million Barrels			in mb/d			
	Nov2018	Dec2018	Jan2019	Feb2019	Mar2019*	Mar2016	Mar2017	Mar2018	2Q2018	3Q2018	4Q2018	1Q2019
OECD Americas												
Crude	649.6	649.1	649.1	649.1	649.1	695.1	691.5	665.5	-0.06	0.00	-0.12	0.00
Products	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.00	0.00	0.00	0.00
OECD Europe												
Crude	209.2	208.2	205.5	206.1	206.9	206.5	205.3	207.6	0.01	0.01	-0.01	-0.01
Products	264.6	266.3	269.8	273.0	272.9	267.9	275.0	274.2	-0.01	-0.04	-0.03	0.07
OECD Asia Oceania												
Crude	380.8	381.1	380.6	379.9	379.9	384.2	384.1	383.4	0.00	0.00	-0.02	-0.01
Products	38.7	38.8	38.8	38.8	38.8	35.2	38.0	38.7	0.00	0.00	0.00	0.00
Total OECD												
Crude	1239.6	1238.4	1235.2	1235.1	1236.0	1285.8	1280.9	1256.5	-0.05	0.01	-0.15	-0.03
Products	305.3	307.0	310.6	313.7	313.7	305.1	315.0	314.9	-0.01	-0.04	-0.03	0.07
Total ⁴	1547.7	1547.4	1548.9	1551.8	1552.6	1594.8	1599.5	1574.7	-0.06	-0.05	-0.19	0.06

* estimated

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 Closing stock levels.

3 Total products includes gasoline, middle distillates, fuel oil and other products.

4 Total includes NGLs, refinery feedstocks, additives/oxygenates and other hydrocarbons.

5 Includes government-owned stocks and stock holding organisation stocks held for emergency purposes.

Table 4a
INDUSTRY STOCKS¹ ON LAND IN SELECTED COUNTRIES

(million barrels)

	October			November			December			January			February		
	2017	2018	%	2017	2018	%	2017	2018	%	2018	2019	%	2018	2019	%
United States²															
Crude	459.7	432.5	-5.9	453.1	448.6	-1.0	421.6	441.8	4.8	419.9	448.8	6.9	423.5	451.7	6.7
Motor gasoline	215.9	232.1	7.5	224.9	230.0	2.3	236.8	246.3	4.0	247.9	261.3	5.4	252.6	251.4	-0.5
Middle distillate	173.8	168.8	-2.9	176.3	168.3	-4.5	189.1	184.2	-2.6	185.6	183.5	-1.1	183.2	180.1	-1.7
Residual fuel oil	30.0	29.2	-2.7	29.8	29.8	0.0	29.4	28.3	-3.7	32.4	29.4	-9.3	32.8	27.8	-15.2
Other products	216.1	220.7	2.1	206.4	209.6	1.6	191.4	197.5	3.2	169.2	182.8	8.0	160.6	176.1	9.7
Total products	635.8	650.8	2.4	637.4	637.7	0.0	646.7	656.3	1.5	635.1	657.0	3.4	629.2	635.4	1.0
Other ³	176.8	177.9	0.6	171.7	174.5	1.6	163.4	164.4	0.6	160.3	164.7	2.7	157.5	166.2	5.5
Total	1272.3	1261.2	-0.9	1262.2	1260.8	-0.1	1231.7	1262.5	2.5	1215.3	1270.5	4.5	1210.2	1253.3	3.6
Japan															
Crude	100.4	98.8	-1.6	100.7	100.7	0.0	103.1	95.8	-7.1	101.3	90.5	-10.7	95.9	95.1	-0.8
Motor gasoline	9.9	10.4	5.1	10.9	11.0	0.9	9.4	9.6	2.1	10.6	10.6	0.0	10.4	10.1	-2.9
Middle distillate	37.3	35.9	-3.8	34.7	39.3	13.3	31.3	34.7	10.9	29.1	31.3	7.6	25.1	28.1	12.0
Residual fuel oil	8.4	8.1	-3.6	8.9	8.2	-7.9	7.8	8.6	10.3	7.9	8.8	11.4	7.1	8.0	12.7
Other products	37.2	38.5	3.5	37.8	37.9	0.3	35.0	37.7	7.7	34.7	35.9	3.5	32.9	36.2	10.0
Total products	92.8	92.9	0.1	92.3	96.4	4.4	83.5	90.6	8.5	82.3	86.6	5.2	75.5	82.4	9.1
Other ³	54.0	55.3	2.4	52.8	57.0	8.0	49.0	54.7	11.6	49.9	53.6	7.4	47.6	49.2	3.4
Total	247.2	247.0	-0.1	245.8	254.1	3.4	235.6	241.1	2.3	233.5	230.7	-1.2	219.0	226.7	3.5
Germany															
Crude	45.0	48.1	6.9	47.5	45.9	-3.4	47.4	43.2	-8.9	47.7	46.5	-2.5	47.6	47.7	0.2
Motor gasoline	9.5	9.7	2.1	8.9	9.8	10.1	10.3	11.3	9.7	11.3	12.3	8.8	11.3	11.9	5.3
Middle distillate	23.2	21.7	-6.5	20.4	22.4	9.8	25.9	25.5	-1.5	28.5	25.8	-9.5	24.4	23.3	-4.5
Residual fuel oil	8.0	7.3	-8.8	7.7	8.0	3.9	7.7	7.8	1.3	8.0	8.0	0.0	8.3	4.4	-47.0
Other products	10.7	9.8	-8.4	10.0	10.1	1.0	10.7	10.3	-3.7	10.7	10.3	-3.7	10.6	10.2	-3.8
Total products	51.4	48.5	-5.6	47.0	50.3	7.0	54.6	54.9	0.5	58.5	56.4	-3.6	54.6	49.8	-8.8
Other ³	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	96.4	96.6	0.2	94.5	96.2	1.8	102.0	98.1	-3.8	106.2	102.9	-3.1	102.2	97.5	-4.6
Italy															
Crude	35.1	40.1	14.2	37.5	38.5	2.7	38.5	40.5	5.2	34.7	35.3	1.7	38.7	38.4	-0.8
Motor gasoline	12.5	13.0	4.0	12.7	12.8	0.8	13.3	12.6	-5.3	13.9	13.7	-1.4	13.8	13.6	-1.4
Middle distillate	30.2	27.1	-10.3	28.7	27.9	-2.8	28.8	27.7	-3.8	30.2	28.8	-4.6	30.1	31.2	3.7
Residual fuel oil	9.3	8.4	-9.7	9.0	8.8	-2.2	9.1	8.6	-5.5	10.2	9.5	-6.9	10.3	9.5	-7.8
Other products	13.3	12.3	-7.5	12.9	11.9	-7.8	13.0	12.4	-4.6	13.0	12.6	-3.1	13.6	12.6	-7.4
Total products	65.3	60.8	-6.9	63.3	61.4	-3.0	64.2	61.3	-4.5	67.3	64.6	-4.0	67.8	66.9	-1.3
Other ³	16.6	15.3	-7.8	16.5	14.8	-10.3	14.8	14.2	-4.1	15.3	15.1	-1.3	15.9	15.0	-5.7
Total	117.0	116.2	-0.7	117.3	114.7	-2.2	117.5	116.0	-1.3	117.3	115.0	-2.0	122.4	120.3	-1.7
France															
Crude	10.8	12.9	19.4	10.5	11.3	7.6	11.3	8.9	-21.2	12.5	10.3	-17.6	12.5	11.4	-8.8
Motor gasoline	4.5	3.6	-20.0	4.7	4.2	-10.6	4.5	4.5	0.0	4.6	5.1	10.9	4.5	4.5	0.0
Middle distillate	19.6	16.5	-15.8	18.9	17.0	-10.1	20.1	21.5	7.0	19.9	20.0	0.5	18.9	20.5	8.5
Residual fuel oil	1.0	1.0	0.0	1.2	1.0	-16.7	1.2	0.8	-33.3	1.4	1.3	-7.1	1.4	1.2	-14.3
Other products	4.0	4.0	0.0	3.9	4.6	17.9	4.9	4.4	-10.2	4.7	3.4	-27.7	4.0	4.3	7.5
Total products	29.1	25.1	-13.7	28.7	26.8	-6.6	30.7	31.2	1.6	30.6	29.8	-2.6	28.8	30.5	5.9
Other ³	7.9	7.9	0.0	7.6	7.5	-1.3	7.6	7.9	3.9	7.8	7.7	-1.3	8.1	8.3	2.5
Total	47.8	45.9	-4.0	46.8	45.6	-2.6	49.6	48.0	-3.2	50.9	47.8	-6.1	49.4	50.2	1.6
United Kingdom															
Crude	29.0	28.9	-0.3	32.1	27.2	-15.3	29.4	27.3	-7.1	31.4	29.9	-4.8	27.8	27.9	0.4
Motor gasoline	10.1	9.5	-5.9	9.6	9.4	-2.1	10.0	10.3	3.0	10.5	10.0	-4.8	11.0	10.5	-4.5
Middle distillate	24.7	23.4	-5.3	25.0	22.4	-10.4	25.5	23.9	-6.3	25.3	25.0	-1.2	24.8	24.8	0.0
Residual fuel oil	1.6	1.0	-37.5	1.5	0.9	-40.0	1.4	1.1	-21.4	1.4	1.1	-21.4	1.6	0.9	-43.8
Other products	5.4	5.8	7.4	6.0	5.4	-10.0	5.5	5.2	-5.5	5.2	5.3	1.9	5.6	5.2	-7.1
Total products	41.8	39.7	-5.0	42.1	38.1	-9.5	42.4	40.5	-4.5	42.4	41.4	-2.4	43.0	41.4	-3.7
Other ³	8.6	8.1	-5.8	8.0	8.4	5.0	8.6	8.6	0.0	9.0	8.6	-4.4	8.7	8.8	1.1
Total	79.4	76.7	-3.4	82.2	73.7	-10.3	80.4	76.4	-5.0	82.8	79.9	-3.5	79.5	78.1	-1.8
Canada⁴															
Crude	111.8	120.5	7.8	118.0	118.9	0.8	122.6	118.4	-3.4	118.2	116.3	-1.6	117.0	118.7	1.5
Motor gasoline	17.1	16.4	-4.1	15.8	16.2	2.5	15.9	15.9	0.0	17.7	18.0	1.7	18.0	14.1	-21.7
Middle distillate	16.6	17.3	4.2	16.0	16.8	5.0	18.2	18.9	3.8	19.2	18.0	-6.3	19.7	14.9	-24.4
Residual fuel oil	2.3	2.1	-8.7	1.8	2.0	11.1	2.4	2.4	0.0	2.4	3.1	29.2	2.4	2.9	20.8
Other products	13.6	12.0	-11.8	12.0	12.9	7.5	11.6	12.8	10.3	11.4	10.1	-11.4	11.3	10.7	-5.3
Total products	49.6	47.8	-3.6	45.6	47.9	5.0	48.1	50.0	4.0	50.7	49.2	-3.0	51.4	42.6	-17.1
Other ³	23.2	25.2	8.6	21.0	23.5	11.9	18.6	23.9	28.5	17.0	22.6	32.9	15.8	25.2	59.5
Total	184.6	193.5	4.8	184.6	190.3	3.1	189.3	192.3	1.6	185.9	188.1	1.2	184.2	186.5	1.2

¹ Stocks are primary national territory stocks on land (excluding utility stocks and including pipeline and entropot 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 US figures exclude US territories.

³ Other includes NGLs, refinery feedstocks, additives/oxygenates and other hydrocarbons.

⁴ Canadian stock information for recent months is the administration's best estimate. Data are usually finalised three months after first publication.

Table 5
TOTAL STOCKS ON LAND IN OECD COUNTRIES¹
('millions of barrels' and 'days')²

	End March 2018		End June 2018		End September 2018		End December 2018		End March 2019 ³	
	Stock	Days Fwd ²	Stock	Days Fwd	Stock	Days Fwd	Stock	Days Fwd	Stock	Days Fwd
	Level	Demand	Level	Demand	Level	Demand	Level	Demand	Level	Demand
OECD Americas										
Canada	191.9	82	190.3	74	195.5	79	192.3	-	-	-
Chile	10.8	29	12.3	34	11.6	32	10.4	-	-	-
Mexico	47.3	23	39.1	20	40.6	22	54.7	-	-	-
United States ⁴	1863.8	92	1869.2	91	1933.6	94	1913.5	-	-	-
Total ⁴	2135.9	84	2133.1	83	2203.3	86	2193.0	86	2147.3	83
OECD Asia Oceania										
Australia	40.3	33	42.4	35	42.6	35	40.7	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Japan	538.6	157	549.4	155	561.2	144	564.8	-	-	-
Korea	213.0	84	209.6	84	200.0	82	205.8	-	-	-
New Zealand	8.0	50	8.4	50	7.8	43	7.9	-	-	-
Total	800.0	105	809.8	106	811.6	102	819.2	100	798.7	107
OECD Europe⁵										
Austria	23.0	83	21.2	74	20.2	73	20.9	-	-	-
Belgium	46.0	73	43.3	68	44.0	67	42.0	-	-	-
Czech Republic	22.7	104	21.4	97	21.5	99	22.8	-	-	-
Denmark	22.1	135	22.8	142	20.6	126	20.3	-	-	-
Estonia	2.5	81	2.6	89	2.6	91	2.9	-	-	-
Finland	41.0	190	40.8	183	40.0	186	39.9	-	-	-
France	166.0	98	168.5	97	164.6	98	160.8	-	-	-
Germany	279.9	121	278.2	119	273.0	119	271.0	-	-	-
Greece	33.3	115	32.1	99	34.4	113	32.1	-	-	-
Hungary	26.1	147	25.2	138	25.6	143	25.6	-	-	-
Ireland	11.4	73	10.0	65	9.9	61	10.2	-	-	-
Italy	125.8	99	125.4	97	124.5	99	125.1	-	-	-
Latvia	3.1	72	3.6	79	2.3	59	2.4	-	-	-
Luxembourg	0.6	9	0.4	7	0.5	8	0.5	-	-	-
Netherlands	147.8	159	142.4	151	143.8	158	139.2	-	-	-
Norway	27.2	126	26.4	99	24.1	112	26.7	-	-	-
Poland	75.0	111	75.7	105	74.1	108	76.8	-	-	-
Portugal	24.8	106	23.8	94	23.5	98	24.6	-	-	-
Slovak Republic	12.1	132	11.6	135	12.0	131	11.8	-	-	-
Slovenia	5.1	92	4.9	85	4.8	89	5.0	-	-	-
Spain	124.7	94	117.9	88	119.7	89	115.9	-	-	-
Sweden	38.7	115	37.7	119	34.5	107	35.8	-	-	-
Switzerland	33.1	158	33.6	159	33.0	142	30.8	-	-	-
Turkey	84.1	87	90.1	80	87.0	100	87.6	-	-	-
United Kingdom	77.9	47	82.1	50	77.5	49	76.4	-	-	-
Total	1453.8	102	1441.7	98	1417.5	100	1407.0	101	1456.0	101
Total OECD	4389.7	93	4384.6	91	4432.4	93	4419.2	93	4402.0	92
DAYS OF IEA Net Imports⁶ -	186	-	190	-	191	-	190	-	-	-

¹ Total Stocks are industry and government-controlled stocks (see breakdown in table below). Stocks are primary national territory stocks on land (excluding utility stocks and including pipeline and entrepot stocks where known) they include stocks held by industry to meet IEA, EU and national emergency reserves commitments and are subject to government control in emergencies.

² Note that days of forward demand represent the stock level divided by the forward quarter average daily demand and is very different from the days of net imports used for the calculation of IEA Emergency Reserves.

³ End March 2019 forward demand figures are IEA Secretariat forecasts.

⁴ US figures exclude US territories. Total includes US territories.

⁵ Data not available for Iceland.

⁶ Reflects stock levels and prior calendar year's net imports adjusted according to IEA emergency reserve definitions (see www.iea.org/netimports.asp). Net exporting IEA countries are excluded.

TOTAL OECD STOCKS

CLOSING STOCKS	Total	Government ¹ controlled <i>Millions of Barrels</i>	Industry	Total	Government ¹ controlled <i>Days of Fwd. Demand²</i>	Industry
1Q2016	4633	1595	3039	100	35	66
2Q2016	4668	1592	3076	99	34	65
3Q2016	4679	1596	3084	99	34	65
4Q2016	4602	1600	3002	98	34	64
1Q2017	4630	1600	3031	98	34	64
2Q2017	4608	1588	3019	97	33	63
3Q2017	4547	1578	2969	95	33	62
4Q2017	4421	1568	2854	92	33	60
1Q2018	4390	1575	2815	93	33	60
2Q2018	4385	1570	2815	91	33	58
3Q2018	4432	1565	2867	93	33	60
4Q2018	4419	1547	2872	93	33	60
1Q2019	4402	1553	2849	92	33	60

¹ Includes government-owned stocks and stock holding organisation stocks held for emergency purposes.

² Days of forward demand calculated using actual demand except in 1Q2019 (when latest forecasts are used).

Table 6
IEA MEMBER COUNTRY DESTINATIONS OF SELECTED CRUDE STREAMS¹
(million barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier	
											Feb 18	change
Saudi Light & Extra Light												
Americas	0.69	0.59	0.66	0.54	0.79	0.64	0.66	0.64	0.38	0.33	0.63	-0.30
Europe	0.79	0.69	0.69	0.58	0.70	0.76	0.72	0.79	0.77	0.69	0.62	0.07
Asia Oceania	1.40	1.56	1.45	1.50	1.42	1.36	1.50	1.51	1.65	0.91	1.67	-0.75
Saudi Medium												
Americas	0.44	0.33	0.30	0.20	0.28	0.37	0.33	0.34	-	-	0.19	-
Europe	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.04	-	-	0.02	-
Asia Oceania	0.41	0.37	0.41	0.40	0.42	0.41	0.39	0.34	0.28	0.07	0.40	-0.34
Canada Heavy												
Americas	2.04	2.23	2.41	2.33	2.48	2.39	2.43	2.43	2.31	2.07	2.23	-0.16
Europe	0.01	0.02	0.04	0.03	0.04	0.05	0.02	0.04	0.03	0.04	0.02	0.02
Asia Oceania	-	-	0.00	0.00	0.00	-	0.01	0.01	-	-	0.01	-
Iraqi Basrah Light²												
Americas	0.42	0.63	0.50	0.66	0.63	0.41	0.32	0.19	0.52	0.38	0.80	-0.42
Europe	0.81	0.76	0.76	0.65	0.61	0.87	0.92	0.83	0.87	0.85	0.57	0.28
Asia Oceania	0.46	0.40	0.43	0.42	0.48	0.42	0.42	0.42	0.50	-	0.29	-
Kuwait Blend												
Americas	0.14	0.11	0.02	0.03	0.04	-	-	-	-	-	-	-
Europe	0.19	0.20	0.13	0.13	0.08	0.17	0.13	0.14	0.09	0.02	0.13	-0.12
Asia Oceania	0.66	0.68	0.66	0.68	0.66	0.67	0.62	0.60	0.66	0.24	0.76	-0.52
Iranian Light												
Americas	-	-	-	-	-	-	-	-	-	-	-	-
Europe	0.21	0.27	0.16	0.24	0.26	0.13	0.03	0.02	0.03	-	0.32	-
Asia Oceania	0.01	0.01	0.01	0.02	0.01	0.01	-	-	-	-	0.01	-
Iranian Heavy³												
Americas	-	-	-	-	-	-	-	-	-	-	-	-
Europe	0.21	0.52	0.35	0.42	0.44	0.41	0.11	0.00	0.06	0.09	0.39	-0.30
Asia Oceania	0.52	0.57	0.28	0.49	0.36	0.24	0.02	-	0.06	0.14	0.50	-0.36
BFOE												
Americas	0.02	0.02	0.00	-	0.00	0.00	-	-	-	-	-	-
Europe	0.44	0.45	0.35	0.41	0.25	0.43	0.31	0.35	0.57	0.29	0.37	-0.08
Asia Oceania	0.05	0.10	0.09	0.09	0.09	0.07	0.10	0.10	-	-	0.14	-
Kazakhstan												
Americas	0.01	-	-	-	-	-	-	-	-	-	-	-
Europe	0.70	0.75	0.75	0.84	0.73	0.70	0.71	0.78	0.77	0.92	0.67	0.25
Asia Oceania	0.03	0.10	0.19	0.13	0.19	0.21	0.22	0.25	0.16	-	0.04	-
Venezuelan 22 API and heavier												
Americas	0.63	0.48	0.44	0.40	0.47	0.45	0.45	0.44	0.48	0.10	0.32	-0.23
Europe	0.05	0.04	0.03	0.02	0.02	0.03	0.06	0.06	0.13	0.08	0.02	0.06
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-
Mexican Maya												
Americas	0.53	0.58	0.63	0.64	0.63	0.75	0.51	0.37	0.47	0.59	0.44	0.14
Europe	0.17	0.20	0.21	0.27	0.22	0.17	0.17	0.18	0.18	0.25	0.34	-0.09
Asia Oceania	0.05	0.07	0.08	0.06	0.10	0.08	0.09	0.06	0.13	-	0.11	-
Russian Urals												
Americas	-	0.01	0.01	-	-	-	0.02	0.05	0.09	0.03	-	-
Europe	1.72	1.64	1.39	1.38	1.46	1.37	1.37	1.39	1.32	1.19	1.43	-0.24
Asia Oceania	-	0.01	0.00	-	0.01	-	-	-	-	-	-	-
Cabinda and Other Angola												
North America	0.16	0.07	0.06	-	0.10	0.11	0.02	-	-	-	-	-
Europe	0.27	0.11	0.14	0.14	0.11	0.22	0.08	0.09	0.12	0.20	0.21	-0.01
Pacific	0.01	0.01	0.01	-	0.00	-	0.03	-	-	-	-	-
Nigerian Light⁴												
Americas	0.07	0.04	0.01	0.03	0.01	-	-	-	-	-	-	-
Europe	0.39	0.39	0.53	0.48	0.49	0.54	0.62	0.60	0.44	0.51	0.51	0.00
Asia Oceania	0.01	0.02	0.02	0.02	0.03	0.01	0.02	0.05	0.01	0.04	-	-
Libya Light and Medium												
Americas	-	0.02	-	-	-	-	-	-	-	-	-	-
Europe	0.20	0.54	0.62	0.65	0.64	0.55	0.65	0.60	0.62	0.45	0.67	-0.22
Asia Oceania	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.05	0.03	0.04	0.00

¹ Data based on monthly submissions from IEA countries to the crude oil import register (in '000 bbl), subject to availability. May differ from Table 8 of the Report. IEA Americas includes United States and Canada. IEA Europe includes all countries in OECD Europe except Estonia, Hungary, Slovenia and Latvia. IEA Asia Oceania includes Australia, New Zealand, Korea and Japan.

² Iraqi Total minus Kirkuk.

³ Iranian Total minus Iranian Light.

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

Table 7
REGIONAL OECD IMPORTS^{1,2}
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier		
											Feb 18	% change	
Crude Oil													
Americas	4542	4361	3759	3827	4085	3905	3223	3081	3391	2592	3634	-29%	
Europe	9253	9712	9536	9498	9465	9728	9452	9659	9869	9939	9756	2%	
Asia Oceania	6659	6843	6698	6849	6571	6513	6861	6631	6718	7507	7096	6%	
Total OECD	20455	20916	19993	20173	20121	20146	19535	19371	19978	20038	20485	-2%	
LPG													
Americas	20	20	22	33	14	17	24	35	52	30	38	-21%	
Europe	445	437	473	492	468	429	502	541	449	509	513	-1%	
Asia Oceania	567	549	555	595	567	503	555	554	678	674	675	0%	
Total OECD	1032	1006	1050	1120	1049	949	1082	1130	1179	1214	1226	-1%	
Naphtha													
Americas	10	19	8	10	5	6	11	7	4	5	21	-78%	
Europe	348	369	371	411	371	346	358	225	481	414	296	40%	
Asia Oceania	908	981	1021	1031	958	1007	1088	1110	959	921	1102	-16%	
Total OECD	1266	1369	1401	1453	1333	1360	1458	1341	1444	1339	1419	-6%	
Gasoline ³													
Americas	735	727	773	559	1060	968	504	533	605	523	457	14%	
Europe	100	162	102	153	67	85	104	99	137	72	228	-68%	
Asia Oceania	87	102	108	123	123	92	95	75	126	65	159	-59%	
Total OECD	922	990	983	836	1250	1144	703	707	867	660	844	-22%	
Jet & Kerosene													
Americas	169	171	140	131	136	178	115	107	96	162	125	29%	
Europe	504	506	516	435	539	611	479	328	463	439	363	21%	
Asia Oceania	73	77	85	112	60	53	118	137	53	107	159	-33%	
Total OECD	745	754	742	678	734	842	712	572	612	708	648	9%	
Gasoil/Diesel													
Americas	67	77	124	179	63	130	125	127	273	286	226	26%	
Europe	1340	1381	1377	1401	1382	1453	1271	1345	1453	1566	1554	1%	
Asia Oceania	196	194	254	214	256	232	313	283	246	173	188	-8%	
Total OECD	1602	1653	1755	1794	1701	1815	1710	1755	1971	2024	1969	3%	
Heavy Fuel Oil													
Americas	149	131	161	158	161	195	130	118	157	172	134	29%	
Europe	477	240	231	239	227	249	211	224	144	236	224	5%	
Asia Oceania	153	146	162	192	156	151	149	168	127	122	193	-37%	
Total OECD	779	517	554	589	544	595	490	509	429	531	552	-4%	
Other Products													
Americas	652	717	679	722	658	699	637	564	643	383	669	-43%	
Europe	774	1009	1034	1057	975	1126	980	1023	1087	1003	1123	-11%	
Asia Oceania	348	255	265	277	250	255	279	280	266	254	247	3%	
Total OECD	1774	1981	1978	2056	1882	2080	1896	1866	1996	1640	2039	-20%	
Total Products													
Americas	1802	1862	1908	1793	2095	2194	1547	1491	1830	1560	1670	-7%	
Europe	3988	4104	4105	4189	4028	4299	3905	3784	4214	4239	4301	-1%	
Asia Oceania	2331	2304	2450	2543	2371	2292	2597	2606	2455	2317	2724	-15%	
Total OECD	8121	8270	8463	8525	8494	8786	8050	7881	8499	8116	8696	-7%	
Total Oil													
Americas	6344	6223	5666	5620	6180	6100	4770	4572	5221	4152	5304	-22%	
Europe	13241	13815	13641	13686	13493	14027	13357	13442	14084	14178	14057	1%	
Asia Oceania	8991	9147	9148	9392	8942	8805	9458	9237	9172	9824	9820	0%	
Total OECD	28575	29186	28456	28698	28615	28932	27585	27252	28477	28154	29181	-4%	

1 Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes and converted to barrels.

2 Excludes intra-regional trade.

3 Includes additives.

Table 7a
REGIONAL OECD IMPORTS FROM NON-OECD COUNTRIES^{1,2}
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier	
											Feb 18	% change
Crude Oil												
Americas	4428	4235	3606	3705	3925	3749	3051	2908	3296	2534	3496	-28%
Europe	8867	9248	8762	8735	8621	8981	8711	8833	8955	8930	9046	-1%
Asia Oceania	6429	6548	6250	6526	6222	6044	6215	5807	6183	6871	6729	2%
Total OECD	19725	20030	18619	18966	18768	18773	17977	17548	18435	18335	19271	-5%
LPG												
Americas	16	16	15	20	11	14	16	24	36	22	22	-2%
Europe	332	342	357	383	349	325	373	404	329	343	358	-4%
Asia Oceania	342	204	160	215	175	110	142	142	75	104	257	-60%
Total OECD	690	561	533	619	535	448	531	570	440	468	637	-27%
Naphtha												
Americas	5	16	4	7	1	2	8	1	1	1	20	-94%
Europe	330	350	341	385	353	324	303	219	457	376	263	43%
Asia Oceania	856	934	924	898	883	909	1005	1008	811	838	982	-15%
Total OECD	1190	1300	1270	1291	1237	1235	1315	1228	1269	1215	1265	-4%
Gasoline³												
Americas	279	245	292	201	376	364	224	293	286	265	145	84%
Europe	98	157	98	148	63	82	100	96	134	68	216	-69%
Asia Oceania	86	102	85	97	80	77	85	72	126	65	113	-42%
Total OECD	463	503	475	446	520	524	409	460	547	398	473	-16%
Jet & Kerosene												
Americas	72	67	56	78	60	49	37	28	42	44	77	-43%
Europe	411	438	469	402	494	539	438	314	457	425	355	20%
Asia Oceania	73	77	85	112	60	53	118	137	53	107	159	-33%
Total OECD	555	582	610	593	614	640	593	478	551	575	591	-3%
Gasoil/Diesel												
Americas	38	50	100	151	28	105	114	104	233	236	211	12%
Europe	1025	1131	1210	1269	1218	1238	1114	1124	1283	1381	1420	-3%
Asia Oceania	194	193	254	214	256	232	313	283	246	173	188	-8%
Total OECD	1257	1374	1563	1634	1502	1576	1541	1511	1762	1790	1820	-2%
Heavy Fuel Oil												
Americas	130	123	147	150	134	187	117	116	131	136	118	15%
Europe	453	225	218	232	221	233	186	203	140	223	217	3%
Asia Oceania	152	146	162	192	156	151	148	168	122	122	193	-37%
Total OECD	734	494	527	574	512	571	451	486	393	482	528	-9%
Other Products												
Americas	526	542	522	556	511	541	481	383	415	229	527	-56%
Europe	508	729	744	708	697	881	689	711	811	750	777	-4%
Asia Oceania	267	178	184	197	173	177	190	185	170	168	200	-16%
Total OECD	1301	1449	1450	1460	1381	1599	1360	1279	1396	1147	1504	-24%
Total Products												
Americas	1065	1058	1136	1163	1121	1263	996	949	1145	933	1120	-17%
Europe	3155	3371	3437	3528	3396	3622	3203	3070	3611	3565	3605	-1%
Asia Oceania	1970	1833	1854	1925	1783	1708	2000	1993	1601	1576	2093	-25%
Total OECD	6191	6262	6426	6616	6300	6593	6200	6013	6357	6074	6817	-11%
Total Oil												
Americas	5494	5293	4742	4868	5047	5011	4047	3857	4441	3467	4615	-25%
Europe	12022	12619	12199	12262	12017	12603	11914	11904	12566	12495	12651	-1%
Asia Oceania	8399	8381	8104	8451	8004	7752	8216	7800	7785	8447	8822	-4%
Total OECD	25915	26292	25045	25582	25068	25366	24176	23561	24792	24409	26089	-6%

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes and converted to barrels.

² Excludes intra-regional trade

³ Includes additives

Table 7b
INTER-REGIONAL OECD TRANSFERS^{1,2}
(thousand barrels per day)

											Year Earlier	
	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Feb 18	% change
Crude Oil												
Americas	114	126	153	122	160	157	172	173	95	58	138	-58%
Europe	386	464	773	763	844	747	741	825	915	1010	710	42%
Asia Oceania	230	296	448	323	350	469	645	824	534	636	367	74%
Total OECD	730	886	1374	1207	1353	1373	1559	1823	1544	1704	1214	40%
LPG												
Americas	4	4	7	13	2	4	8	11	16	9	16	-46%
Europe	112	95	115	109	120	104	129	137	120	167	155	7%
Asia Oceania	225	346	395	379	393	393	413	412	604	570	418	37%
Total OECD	342	445	517	501	515	500	551	561	739	746	589	27%
Naphtha												
Americas	5	3	4	3	4	5	4	6	3	3	1	267%
Europe	19	19	30	26	18	22	55	6	24	38	33	13%
Asia Oceania	52	47	97	133	75	98	83	102	148	83	120	-30%
Total OECD	77	69	131	162	97	125	142	114	175	124	154	-19%
Gasoline ³												
Americas	457	482	482	359	684	603	280	240	318	258	312	-17%
Europe	2	5	4	6	4	3	4	4	2	4	12	-67%
Asia Oceania	0	0	23	26	43	14	10	3	0	0	46	-100%
Total OECD	459	487	509	390	730	621	294	247	321	262	371	-29%
Jet & Kerosene												
Americas	97	104	84	52	76	130	78	80	54	118	49	142%
Europe	93	68	48	33	44	72	41	14	6	15	8	73%
Asia Oceania	0	0	0	0	0	0	0	0	0	0	0	na
Total OECD	190	172	132	85	120	202	119	94	60	133	57	132%
Gasoil/Diesel												
Americas	28	28	25	28	35	24	12	23	40	50	15	230%
Europe	315	250	167	132	164	215	157	221	169	184	134	38%
Asia Oceania	2	1	0	0	0	0	0	0	0	0	0	na
Total OECD	345	279	192	160	199	239	169	243	209	235	149	57%
Heavy Fuel Oil												
Americas	19	8	14	8	27	8	14	2	26	36	15	132%
Europe	25	15	13	7	5	16	24	21	4	13	8	68%
Asia Oceania	1	0	0	0	0	0	2	0	6	0	0	na
Total OECD	45	23	28	15	32	24	40	22	36	49	23	111%
Other Products												
Americas	126	174	157	167	147	158	156	181	228	153	142	8%
Europe	266	280	290	349	278	245	291	312	277	254	346	-27%
Asia Oceania	81	77	81	80	77	79	88	95	96	86	47	82%
Total OECD	473	532	528	595	501	482	535	588	601	493	535	-8%
Total Products												
Americas	736	804	772	630	974	932	551	542	685	627	551	14%
Europe	833	733	668	661	632	677	702	713	603	674	696	-3%
Asia Oceania	361	471	597	618	588	584	597	613	853	740	631	17%
Total OECD	1930	2007	2037	1909	2194	2193	1850	1868	2142	2041	1878	9%
Total Oil												
Americas	850	930	925	752	1133	1088	724	716	780	685	689	-1%
Europe	1219	1197	1442	1424	1476	1424	1443	1539	1518	1683	1406	20%
Asia Oceania	591	766	1044	940	937	1053	1242	1437	1387	1377	998	38%
Total OECD	2660	2893	3410	3116	3547	3565	3409	3691	3685	3745	3093	21%

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes and converted to barrels.

² Excludes intra-regional trade

³ Includes additives

Table 8
REGIONAL OECD CRUDE IMPORTS BY SOURCE¹
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier Feb 18	change
OECD Americas												
Venezuela	741	618	506	444	534	538	506	501	561	242	409	-168
Other Central & South America	1023	928	795	897	841	791	655	673	930	781	911	-129
North Sea	109	124	150	119	157	151	172	173	95	58	138	-80
Other OECD Europe	1	-	1	2	2	-	-	-	-	-	-	-
Non-OECD Europe	7	-	-	-	-	-	-	-	-	-	-	-
Former Soviet Union	75	121	145	91	179	217	94	134	161	132	37	95
Saudi Arabia	1185	1043	983	797	1008	1084	1037	935	835	652	731	-79
Kuwait	209	144	78	133	82	60	38	16	18	106	177	-72
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	418	605	519	677	613	459	331	225	428	422	617	-195
Oman	30	14	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	11	20	5	-	11	10	-	-	-	-	-	-
Other Middle East	-	2	-	-	-	-	-	-	-	-	-	-
West Africa ²	451	497	317	383	433	232	222	199	244	30	485	-455
Other Africa	223	214	196	218	172	260	134	225	119	154	79	74
Asia	46	26	61	53	52	103	34	-	-	15	49	-34
Other	13	4	3	12	-	-	-	-	-	-	-	-
Total	4542	4361	3759	3827	4085	3905	3223	3081	3391	2592	3634	-1042
<i>of which Non-OECD</i>	<i>4428</i>	<i>4235</i>	<i>3606</i>	<i>3705</i>	<i>3925</i>	<i>3749</i>	<i>3051</i>	<i>2908</i>	<i>3296</i>	<i>2534</i>	<i>3496</i>	<i>-962</i>
OECD Europe												
Canada	32	45	88	109	91	104	49	70	76	72	52	20
Mexico + USA	354	419	685	654	753	642	692	755	839	938	658	280
Venezuela	74	67	57	43	39	55	92	112	208	126	45	81
Other Central & South America	170	160	130	133	110	141	137	118	132	139	109	30
Non-OECD Europe	11	9	12	13	14	9	11	9	14	10	15	-5
Former Soviet Union	4248	4259	3923	4053	4021	3780	3842	3927	3995	4101	3990	111
Saudi Arabia	855	738	806	683	738	900	900	887	829	818	716	102
Kuwait	194	201	123	130	81	106	175	203	32	22	129	-107
Iran	436	801	521	655	715	585	132	25	91	92	739	-647
Iraq	1000	995	919	813	735	1070	1054	1086	1251	1131	735	396
Oman	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	12	6	2	-	-	-	10	-	-	-	-	-
Other Middle East	12	1	-	-	-	-	-	-	-	-	-	-
West Africa ²	1095	960	1115	1056	1055	1228	1117	1032	1089	1326	1021	305
Other Africa	738	1045	1154	1157	1131	1122	1205	1131	1183	1113	1125	-11
Asia	-	-	-	-	-	-	-	-	-	-	-	-
Other	21	5	1	-2	-17	-15	36	304	132	52	422	-370
Total	9253	9712	9536	9498	9465	9728	9452	9659	9869	9939	9756	184
<i>of which Non-OECD</i>	<i>8867</i>	<i>9248</i>	<i>8762</i>	<i>8735</i>	<i>8621</i>	<i>8981</i>	<i>8711</i>	<i>8833</i>	<i>8955</i>	<i>8930</i>	<i>9046</i>	<i>-116</i>
OECD Asia Oceania												
Canada	-	-	3	3	3	-	7	8	-	-	10	-
Mexico + USA	179	199	344	221	247	384	522	695	534	636	215	422
Venezuela	3	8	-	-	-	-	-	-	-	-	-	-
Other Central & South America	27	35	35	38	25	35	42	4	55	76	26	49
North Sea	51	97	100	98	99	85	117	121	-	-	142	-
Other OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-
Non-OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-
Former Soviet Union	341	413	437	412	424	445	465	414	427	427	404	22
Saudi Arabia	2078	2163	2042	2148	1994	1879	2148	2064	2204	2218	2334	-116
Kuwait	661	671	672	668	654	695	671	646	697	744	764	-20
Iran	469	543	274	484	362	244	11	-	63	437	488	-51
Iraq	456	402	435	423	477	416	422	423	499	409	287	122
Oman	86	41	56	39	72	68	43	12	48	53	-	-
United Arab Emirates	1154	1148	1094	1123	987	1148	1119	1033	1158	1207	1072	136
Other Middle East	475	391	450	483	399	464	454	478	467	396	445	-49
West Africa ²	74	66	95	56	148	76	99	39	94	73	55	18
Other Africa	62	92	105	127	73	99	122	111	93	83	176	-93
Non-OECD Asia	340	324	320	341	323	296	321	283	322	255	298	-44
Other	205	250	236	183	283	180	297	299	57	494	378	116
Total	6659	6843	6698	6849	6571	6513	6861	6631	6718	7507	7096	412
<i>of which Non-OECD</i>	<i>6429</i>	<i>6548</i>	<i>6250</i>	<i>6526</i>	<i>6222</i>	<i>6044</i>	<i>6215</i>	<i>5807</i>	<i>6183</i>	<i>6871</i>	<i>6729</i>	<i>142</i>
Total OECD Trade	20455	20916	19993	20173	20121	20146	19535	19371	19978	20038	20485	-447
<i>of which Non-OECD</i>	<i>19725</i>	<i>20030</i>	<i>18619</i>	<i>18966</i>	<i>18768</i>	<i>18773</i>	<i>17977</i>	<i>17548</i>	<i>18435</i>	<i>18335</i>	<i>19271</i>	<i>-936</i>

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 Table 6 which is based on submissions in barrels.

² West Africa includes Angola, Nigeria, Gabon, Equatorial Guinea, Congo and Democratic Republic of Congo.

Table 9
REGIONAL OECD GASOLINE IMPORTS BY SOURCE¹
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier	
											Feb 18	change
OECD Americas												
Venezuela	15	18	23	25	20	26	23	30	24	19	18	1
Other Central & South America	69	42	64	62	54	83	58	77	97	53	61	-8
ARA (Belgium Germany Netherlands)	155	178	167	143	235	200	91	80	76	107	114	-7
Other Europe	296	294	302	209	411	400	189	160	222	138	188	-50
FSU	90	84	80	73	108	86	52	41	50	74	60	14
Saudi Arabia	-	1	11	-	-	14	28	64	12	48	-	-
Algeria	1	-	1	-	4	1	-	-	-	-	-	-
Other Middle East & Africa	32	24	19	19	23	22	12	13	18	10	5	5
Singapore	6	10	8	-	14	16	4	-	-	-	-	-
OECD Asia Oceania	6	10	13	6	38	7	-	-	20	22	10	12
Non-OECD Asia (excl. Singapore)	64	63	84	21	153	114	48	67	86	55	-	-
Other	3	3	0	1	-	-	0	1	-	-	-	-
Total²	736	727	773	559	1060	968	504	533	605	525	457	69
<i>of which Non-OECD</i>	<i>279</i>	<i>245</i>	<i>292</i>	<i>201</i>	<i>376</i>	<i>364</i>	<i>224</i>	<i>293</i>	<i>286</i>	<i>265</i>	<i>145</i>	<i>121</i>
OECD Europe												
OECD Americas	1	4	3	3	2	3	4	4	2	2	3	-1
Venezuela	0	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	1	3	1	2	2	-	1	-	3	-	2	-
Non-OECD Europe	15	15	12	12	11	17	9	5	14	5	4	1
FSU	82	87	76	118	86	70	30	19	71	72	164	-91
Saudi Arabia	0	0	1	-	3	0	0	1	-	2	-	-
Algeria	1	1	2	7	0	-	-	-	1	-	-	-
Other Middle East & Africa	2	5	3	4	3	2	3	2	3	8	8	0
Singapore	1	2	2	3	2	2	2	3	2	2	2	0
OECD Asia Oceania	1	1	1	3	1	0	-	-	0	2	9	-7
Non-OECD Asia (excl. Singapore)	1	3	2	4	0	0	5	16	0	-	-	-
Other	-3	41	1	-2	-35	-9	50	49	40	-21	39	-60
Total²	103	162	105	154	76	85	104	99	137	72	229	-158
<i>of which Non-OECD</i>	<i>98</i>	<i>157</i>	<i>98</i>	<i>148</i>	<i>63</i>	<i>82</i>	<i>100</i>	<i>96</i>	<i>134</i>	<i>68</i>	<i>216</i>	<i>-148</i>
OECD Asia Oceania												
OECD Americas	0	-	4	4	6	5	-	-	-	-	12	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	-	0	-	-	-	-	-	-	-	-	-	-
ARA (Belgium Germany Netherlands)	-	-	13	14	18	9	10	3	-	-	35	-
Other Europe	-	-	7	8	20	-	-	-	-	-	-	-
FSU	-	-	1	-	6	-	-	-	-	-	-	-
Saudi Arabia	0	0	0	-	-	-	2	6	8	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East & Africa	-	5	1	-	-	5	-	-	-	-	-	-
Singapore	44	50	47	58	48	36	47	42	54	35	80	-45
Non-OECD Asia (excl. Singapore)	27	30	19	23	14	20	21	9	44	13	16	-3
Other	16	16	16	16	16	16	16	15	19	17	17	0
Total²	87	102	109	123	127	92	95	75	126	65	159	-94
<i>of which Non-OECD</i>	<i>86</i>	<i>102</i>	<i>85</i>	<i>97</i>	<i>80</i>	<i>77</i>	<i>85</i>	<i>72</i>	<i>126</i>	<i>65</i>	<i>113</i>	<i>-48</i>
Total OECD Trade²												
of which Non-OECD	926	990	987	836	1263	1144	703	707	867	662	845	-183
	463	503	475	446	520	524	409	460	547	398	473	-75

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes.

² Total figure excludes intra-regional trade.

Table 10
REGIONAL OECD GASOIL/DIESEL IMPORTS BY SOURCE¹
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier Feb 18	change
OECD Americas												
Venezuela	0	2	4	1	-	8	7	9	9	-	3	-
Other Central and South America	10	13	30	34	15	25	46	58	48	31	33	-2
ARA (Belgium Germany Netherlands)	3	7	6	14	5	4	-	-	-	-	3	-
Other Europe	7	3	3	4	9	-	-	-	3	-	-	-
FSU	15	6	16	22	6	31	7	12	12	10	22	-13
Saudi Arabia	1	2	17	25	0	20	24	25	22	18	42	-24
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	3	4	8	19	-	10	4	-	6	18	33	-15
Singapore	1	0	1	-	1	-	3	-	-	1	-	-
OECD Asia Oceania	18	18	15	10	20	21	12	23	37	50	12	38
Non-OECD Asia (excl. Singapore)	9	22	23	50	7	11	22	-	93	128	78	50
Other	0	0	-	-	-	-	-	-	43	30	-	-
Total²	67	77	124	179	63	130	125	127	273	286	226	60
<i>of which Non-OECD</i>	<i>38</i>	<i>50</i>	<i>100</i>	<i>151</i>	<i>28</i>	<i>105</i>	<i>114</i>	<i>104</i>	<i>233</i>	<i>236</i>	<i>211</i>	<i>25</i>
OECD Europe												
OECD Americas	276	222	144	100	140	199	134	193	149	119	99	20
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	3	3	4	8	6	1	1	-	-	-	23	-
Non-OECD Europe	48	48	39	40	30	44	41	29	50	44	22	22
FSU	643	725	694	806	712	614	646	666	658	776	978	-202
Saudi Arabia	130	160	227	231	264	189	223	202	288	332	286	46
Algeria	1	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	70	72	87	53	76	86	130	98	84	71	49	23
Singapore	20	15	18	20	17	19	16	16	6	6	14	-7
OECD Asia Oceania	40	28	24	32	24	16	23	28	20	65	35	30
Non-OECD Asia (excl. Singapore)	172	125	143	142	136	171	125	171	151	115	162	-47
Other	-18	21	17	3	-1	123	-58	-51	47	40	-106	145
Total²	1385	1420	1396	1434	1405	1462	1282	1353	1453	1569	1561	8
<i>of which Non-OECD</i>	<i>1025</i>	<i>1131</i>	<i>1210</i>	<i>1269</i>	<i>1218</i>	<i>1238</i>	<i>1114</i>	<i>1124</i>	<i>1283</i>	<i>1381</i>	<i>1420</i>	<i>-39</i>
OECD Asia Oceania												
OECD Americas	2	1	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	-	0	-	-	-	-	-	-	-	-	-	-
ARA (Belgium Germany Netherlands)	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe	-	-	-	-	-	-	-	-	-	-	-	-
FSU	5	5	4	5	4	4	5	6	6	3	5	-2
Saudi Arabia	1	-	3	3	-	-	9	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	2	1	8	-	-	1	32	10	-	-	-	-
Singapore	86	86	141	132	160	101	174	172	108	71	143	-72
Non-OECD Asia (excl. Singapore)	95	96	91	68	86	120	88	90	125	93	34	59
Other	6	6	6	6	6	6	6	6	7	6	6	0
Total²	196	194	254	214	256	232	313	283	246	173	188	-15
<i>of which Non-OECD</i>	<i>194</i>	<i>193</i>	<i>254</i>	<i>214</i>	<i>256</i>	<i>232</i>	<i>313</i>	<i>283</i>	<i>246</i>	<i>173</i>	<i>188</i>	<i>-15</i>
Total OECD Trade²	1647	1692	1774	1826	1724	1824	1720	1763	1971	2028	1976	52
<i>of which Non-OECD</i>	<i>1257</i>	<i>1374</i>	<i>1563</i>	<i>1634</i>	<i>1502</i>	<i>1576</i>	<i>1541</i>	<i>1511</i>	<i>1762</i>	<i>1790</i>	<i>1820</i>	<i>-30</i>

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes.

² Total figure excludes intra-regional trade.

Table 11
REGIONAL OECD JET AND KEROSENE IMPORTS BY SOURCE¹
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier	
											Feb 18	change
OECD Americas												
Venezuela	11	16	6	12	11	2	1	2	3	-	21	-
Other Central and South America	0	1	2	-	0	1	7	9	0	9	-	-
ARA (Belgium Germany Netherlands)	0	-	0	0	-	1	-	-	-	-	1	-
Other Europe	-	0	0	1	-	-	-	-	-	-	0	-
FSU	0	1	0	-	0	-	-	-	-	-	-	-
Saudi Arabia	1	2	1	4	0	-	2	2	5	1	-	-
Algeria	-	0	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	1	3	2	7	1	1	0	0	10	-	0	-
Singapore	0	2	6	1	11	5	8	-	5	5	1	3
OECD Asia Oceania	97	104	84	51	76	129	78	80	54	118	47	71
Non-OECD Asia (excl. Singapore)	55	30	27	48	22	28	9	-	13	17	54	-37
Other	3	13	11	7	15	12	11	15	5	12	-	-
Total²	169	171	140	131	136	178	115	107	96	162	125	36
<i>of which Non-OECD</i>	<i>72</i>	<i>67</i>	<i>56</i>	<i>78</i>	<i>60</i>	<i>49</i>	<i>37</i>	<i>28</i>	<i>42</i>	<i>44</i>	<i>77</i>	<i>-33</i>
OECD Europe												
OECD Americas	38	20	32	23	44	30	29	14	6	15	8	6
Venezuela	6	5	5	1	5	5	7	-	24	26	1	26
Other Central and South America	1	2	2	3	1	2	1	-	4	4	5	-1
Non-OECD Europe	4	3	6	-	-	17	6	-	-	-	-	-
FSU	42	32	42	37	38	56	36	39	45	45	34	12
Saudi Arabia	112	94	103	64	125	110	113	105	86	41	55	-14
Algeria	14	12	9	11	9	8	8	8	18	9	9	0
Other Middle East and Africa	178	207	210	212	216	243	168	160	185	251	298	-47
Singapore	14	28	17	18	14	21	16	13	20	9	5	5
OECD Asia Oceania	55	48	16	10	-	42	12	-	-	-	-	-
Non-OECD Asia (excl. Singapore)	51	53	76	63	72	83	85	21	64	88	63	25
Other	-7	1	0	-7	14	-5	-1	-33	11	-49	-114	65
Total²	508	506	517	435	540	611	479	328	463	439	363	76
<i>of which Non-OECD</i>	<i>411</i>	<i>438</i>	<i>469</i>	<i>402</i>	<i>494</i>	<i>539</i>	<i>438</i>	<i>314</i>	<i>457</i>	<i>425</i>	<i>355</i>	<i>70</i>
OECD Asia Oceania												
OECD Americas	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	-	-	-	-	-	-	-	-	-	-	-	-
ARA (Belgium Germany Netherlands)	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe	-	-	-	-	-	-	-	-	-	-	-	-
FSU	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	1	4	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	-	1	1	-	-	-	5	-	-	-	-	-
Singapore	24	23	27	30	23	36	19	25	22	15	30	-15
Non-OECD Asia (excl. Singapore)	36	34	26	33	22	6	42	74	14	35	46	-10
Other	13	19	31	46	14	10	52	38	17	57	84	-27
Total²	73	77	85	112	60	53	118	137	53	107	159	-53
<i>of which Non-OECD</i>	<i>73</i>	<i>77</i>	<i>85</i>	<i>112</i>	<i>60</i>	<i>53</i>	<i>118</i>	<i>137</i>	<i>53</i>	<i>107</i>	<i>159</i>	<i>-53</i>
Total OECD Trade²												
of which Non-OECD	749	754	742	678	735	842	712	572	612	708	648	60
	555	582	610	593	614	640	593	478	551	575	591	-16

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes.

² Total figure excludes intra-regional trade.

Table 12
REGIONAL OECD RESIDUAL FUEL OIL IMPORTS BY SOURCE¹
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19	Year Earlier Feb 18	change
OECD Americas												
Venezuela	17	16	42	31	46	65	27	37	31	28	18	10
Other Central and South America	49	71	72	87	58	80	63	58	51	77	70	7
ARA (Belgium Germany Netherlands)	12	5	7	4	11	3	12	2	23	14	2	11
Other Europe	7	3	7	4	15	6	2	-	4	22	13	9
FSU	49	24	23	19	28	31	15	12	12	24	-	-
Saudi Arabia	0	-	-	-	-	-	-	-	16	6	-	-
Algeria	4	1	-	-	-	-	-	-	4	-	-	-
Other Middle East and Africa	10	9	7	3	2	12	11	9	7	1	-	-
Singapore	1	3	-	-	-	-	-	-	11	-	-	-
OECD Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-
Non-OECD Asia (excl. Singapore)	-	1	0	-	-	-	1	-	-	-	-	-
Other	0	0	2	9	0	0	-	-	-	-	30	-
Total²	149	131	161	158	161	195	130	118	157	172	134	38
<i>of which Non-OECD</i>	130	123	147	150	134	187	117	116	131	136	118	18
OECD Europe												
OECD Americas	15	6	5	0	1	8	12	7	2	1	0	1
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	5	2	3	6	5	-	-	-	4	13	4	9
Non-OECD Europe	15	17	16	17	18	17	12	9	16	15	18	-3
FSU	447	193	191	184	185	192	201	171	140	161	164	-3
Saudi Arabia	-	0	1	3	-	-	-	-	-	-	-	-
Algeria	3	1	1	-	2	2	-	-	2	-	-	-
Other Middle East and Africa	16	23	16	15	16	17	16	20	8	17	11	6
Singapore	0	-	-	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	10	9	8	7	5	8	12	13	3	12	8	5
Non-OECD Asia (excl. Singapore)	0	1	0	-	-	-	0	1	3	6	-	-
Other	-18	-8	-8	8	-2	6	-44	3	-33	11	23	-13
Total²	495	244	233	240	229	250	211	224	144	236	228	8
<i>of which Non-OECD</i>	453	225	218	232	221	233	186	203	140	223	217	7
OECD Asia Oceania												
OECD Americas	-	0	0	-	-	-	2	-	6	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	-	-	-	-	-	-	-	-	-	-	-	-
ARA (Belgium Germany Netherlands)	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe	1	-	-	-	-	-	-	-	-	-	-	-
FSU	4	9	16	10	11	24	19	14	5	11	5	6
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	1	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	5	18	23	23	30	23	16	43	13	15	31	-16
Singapore	73	58	37	68	29	29	24	37	45	50	74	-24
Non-OECD Asia (excl. Singapore)	69	59	85	91	86	75	88	75	58	47	84	-37
Other	1	0	0	-	-	0	1	-	1	-	-	-
Total²	153	146	162	192	156	151	149	168	127	122	193	-71
<i>of which Non-OECD</i>	152	146	162	192	156	151	148	168	122	122	193	-71
Total OECD Trade²	796	521	556	590	546	596	491	509	429	531	555	-25
<i>of which Non-OECD</i>	734	494	527	574	512	571	451	486	393	482	528	-47

¹ Based on Monthly Oil Questionnaire data submitted by OECD countries in tonnes.

² Total figure excludes intra-regional trade.

Table 13

AVERAGE IEA CIF CRUDE COST AND SPOT CRUDE AND PRODUCT PRICES

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Table 14
MONTHLY AVERAGE END-USER PRICES FOR PETROLEUM PRODUCTS
April 2019

NATIONAL CURRENCY *							US DOLLARS					
Total	% change from		Ex-Tax	% change from		Total	% change from		Ex-Tax	% change from		
Price	Mar-19	Apr-18	Price	Mar-19	Apr-18	Price	Mar-19	Apr-18	Price	Mar-19	Apr-18	
GASOLINE ¹ (per litre)												
France	1.559	5.3	4.9	0.608	12.0	11.2	1.752	4.7	-3.9	0.683	11.4	1.8
Germany	1.458	7.2	5.7	0.570	16.8	12.9	1.638	6.6	-3.2	0.640	16.2	3.4
Italy	1.603	3.3	2.4	0.586	7.7	5.6	1.801	2.7	-6.2	0.658	7.1	-3.3
Spain	1.327	4.7	5.2	0.624	8.7	7.4	1.491	4.2	-3.6	0.701	8.1	-1.7
United Kingdom	1.243	3.4	2.9	0.456	7.8	6.8	1.620	2.4	-4.8	0.594	6.7	-1.2
Japan	147.0	1.2	2.4	79.5	2.2	4.2	1.317	0.9	-1.3	0.712	1.8	0.4
Canada	1.334	9.6	- 1.3	0.933	13.5	-1.8	0.997	9.5	-6.0	0.697	13.4	-6.5
United States	0.739	11.1	1.5	0.615	13.7	1.7	0.739	11.1	1.5	0.615	13.7	1.7
AUTOMOTIVE DIESEL FOR NON COMMERCIAL USE (per litre)												
France	1.470	0.7	5.2	0.616	1.3	10.8	1.652	0.1	-3.7	0.692	0.8	1.4
Germany	1.272	1.0	5.6	0.599	1.7	10.3	1.429	0.4	-3.3	0.673	1.2	1.0
Italy	1.508	1.0	4.6	0.619	2.0	9.6	1.694	0.5	-4.2	0.696	1.4	0.3
Spain	1.244	1.3	6.9	0.649	2.0	9.1	1.398	0.8	-2.1	0.729	1.5	-0.1
United Kingdom	1.332	1.8	7.1	0.530	3.9	15.7	1.736	0.8	-0.9	0.691	2.9	7.1
Japan	127.7	1.3	4.6	85.7	1.8	6.5	1.144	0.9	0.8	0.768	1.4	2.6
Canada	1.269	3.1	0.2	0.957	4.0	0.2	0.949	3.0	-4.7	0.715	3.9	-4.6
United States	0.824	1.4	0.7	0.679	1.6	0.4	0.824	1.4	0.7	0.679	1.6	0.4
DOMESTIC HEATING OIL (per litre)												
France	0.953	0.5	9.7	0.638	0.6	12.4	1.071	-0.1	0.4	0.717	0.0	2.9
Germany	0.736	2.2	9.2	0.557	2.5	10.3	0.827	1.7	-0.0	0.626	1.9	1.0
Italy	1.325	1.2	6.6	0.683	2.0	10.9	1.489	0.7	-2.4	0.767	1.5	1.5
Spain	0.794	2.4	11.7	0.559	2.8	12.3	0.892	1.8	2.3	0.628	2.2	2.8
United Kingdom	0.596	1.9	7.2	0.457	2.4	9.1	0.777	0.9	-0.8	0.595	1.4	1.0
Japan ²	90.6	1.0	3.8	81.0	1.0	4.0	0.811	0.6	0.1	0.726	0.7	0.2
Canada	1.168	2.7	2.4	1.051	2.8	2.6	0.873	2.6	-2.5	0.786	2.7	-2.4
United States	-	-	-	-	-	-	-	-	-	-	-	-
LOW SULPHUR FUEL OIL FOR INDUSTRY ³ (per kg)												
France	0.590	1.9	12.8	0.451	2.5	17.5	0.663	1.3	3.3	0.506	1.9	7.6
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Italy	0.501	2.4	22.5	0.470	2.6	24.4	0.563	1.9	12.2	0.528	2.0	13.9
Spain	0.443	2.2	15.0	0.426	2.2	15.5	0.497	1.6	5.3	0.478	1.7	5.8
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
United States	-	-	-	-	-	-	-	-	-	-	-	-

¹ Unleaded premium (95 RON) for France, Germany, Italy, Spain, UK; regular unleaded for Canada, Japan and the United States.

² Kerosene for Japan.

³ VAT excluded from prices for low sulphur fuel oil when refunded to industry.

* Prices for France, Germany, Italy and Spain are in Euros; UK in British Pounds, Japan in Yen, Canada in Canadian Dollars.

Table 15
IEA/KBC Global Indicator Refining Margins¹
(\$/bbl)

	Monthly Average				Change		Average for week ending:				
	Jan 19	Feb 19	Mar 19	Apr 19		Apr 19-Mar 19	12 Apr	19 Apr	26 Apr	03 May	10 May
NW Europe											
Brent (Cracking)	2.80	3.12	4.27	4.76	↑	0.48	4.78	5.34	4.72	5.65	4.95
Urals (Cracking)	3.03	3.84	4.95	4.08	↓	-0.87	4.13	4.87	3.94	4.24	3.98
Brent (Hydroskimming)	0.86	1.38	2.02	1.09	↓	-0.93	1.01	1.45	0.92	1.61	1.01
Urals (Hydroskimming)	0.17	1.32	2.15	-0.06	↓	-2.21	-0.06	0.48	-0.36	-0.51	-0.92
Mediterranean											
Es Sider (Cracking)	5.98	6.55	7.16	5.03	↓	-2.13	4.79	5.35	4.82	5.58	4.70
Urals (Cracking)	4.58	6.03	6.57	3.99	↓	-2.58	3.80	4.36	3.84	4.13	3.41
Es Sider (Hydroskimming)	3.37	4.24	4.35	1.76	↓	-2.59	1.46	1.87	1.55	2.10	1.28
Urals (Hydroskimming)	0.12	2.06	2.57	-0.35	↓	-2.92	-0.55	-0.24	-0.50	-0.66	-1.59
US Gulf Coast											
50/50 HLS/LLS (Cracking)	3.70	5.43	9.44	10.29	↑	0.85	11.17	10.30	9.75	10.40	8.75
Mars (Cracking)	0.39	1.78	3.92	5.24	↑	1.32	6.18	5.75	4.85	4.83	3.62
ASCI (Cracking)	0.41	1.90	3.86	5.09	↑	1.23	6.01	5.53	4.67	4.69	3.39
50/50 HLS/LLS (Coking)	4.44	5.85	10.27	11.47	↑	1.20	12.38	11.59	10.88	11.60	9.98
50/50 Maya/Mars (Coking)	1.08	1.61	5.27	7.60	↑	2.34	8.27	8.75	7.58	7.75	6.59
ASCI (Coking)	2.86	3.35	6.39	8.16	↑	1.77	9.06	9.11	7.63	8.01	6.99
US Midcon											
WTI (Cracking)	6.06	12.87	17.58	20.47	↑	2.89	20.14	20.54	21.05	22.99	24.00
30/70 WCS/Bakken (Cracking)	5.72	12.71	16.54	19.72	↑	3.18	18.73	19.98	21.32	22.95	23.73
Bakken (Cracking)	5.50	12.44	18.00	22.32	↑	4.33	21.35	23.04	23.75	25.25	26.09
WTI (Coking)	6.39	13.43	18.64	22.03	↑	3.39	21.67	22.20	22.64	24.70	25.89
30/70 WCS/Bakken (Coking)	6.14	13.56	18.21	21.87	↑	3.66	20.73	22.43	23.52	25.43	26.52
Bakken (Coking)	5.42	12.43	18.27	22.85	↑	4.58	21.86	23.62	24.29	25.86	26.81
Singapore											
Dubai (Hydroskimming)	0.50	0.62	0.76	-0.78	↓	-1.54	-0.38	-0.86	-1.83	-1.10	-1.21
Tapis (Hydroskimming)	-0.04	0.74	2.24	0.00	↓	-2.23	-0.03	0.68	-0.08	-0.60	-1.48
Dubai (Hydrocracking)	2.42	2.50	3.33	2.72	↓	-0.60	3.29	3.09	1.71	2.40	2.44
Tapis (Hydrocracking)	1.05	1.72	3.75	2.15	↓	-1.60	2.21	3.17	2.08	1.49	0.56

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)

Table 16
REFINED PRODUCT YIELDS BASED ON TOTAL INPUT (%)¹

	Dec-18	Jan-19	Feb-19	Feb-18	Feb 19 vs Previous Month	Feb 19 vs Previous Year	Feb 19 vs 5 Year Average	5 Year Average
OECD Americas								
Naphtha	1.5	1.3	1.4	1.5	0.1	-0.1	-0.4	1.8
Motor gasoline	47.4	47.2	46.9	48.1	-0.2	-1.2	0.0	47.0
Jet fuel	9.5	9.4	9.7	9.4	0.2	0.2	0.8	8.8
Other kerosene	0.1	0.1	0.1	0.1	0.0	0.0	-0.1	0.1
Gasoil/diesel oil	29.0	29.4	29.4	27.0	0.0	2.3	1.1	28.3
Residual fuel oil	3.4	3.2	3.0	3.7	-0.2	-0.6	-0.9	3.9
Petroleum coke	4.5	4.4	4.4	4.6	0.0	-0.2	-0.2	4.7
Other products	9.4	9.8	9.9	10.2	0.1	-0.3	-0.8	10.8
OECD Europe								
Naphtha	8.1	8.8	8.2	8.7	-0.5	-0.5	0.2	8.1
Motor gasoline	21.2	21.3	20.3	20.6	-1.0	-0.2	-0.7	21.1
Jet fuel	8.7	9.0	8.5	8.4	-0.5	0.1	0.7	7.8
Other kerosene	2.4	2.4	2.1	2.2	-0.3	-0.1	-0.1	2.2
Gasoil/diesel oil	40.2	39.5	39.4	39.2	-0.1	0.2	-0.7	40.1
Residual fuel oil	10.0	10.4	10.3	11.0	0.0	-0.7	-0.3	10.7
Petroleum coke	1.3	1.4	1.5	1.2	0.0	0.2	0.2	1.2
Other products	13.2	12.7	14.2	13.2	1.5	1.0	0.8	13.4
OECD Asia Oceania								
Naphtha	15.7	16.8	16.4	16.1	-0.3	0.4	1.5	14.9
Motor gasoline	21.6	21.2	21.1	21.4	-0.2	-0.4	-0.6	21.7
Jet fuel	15.2	16.4	16.2	17.2	-0.2	-1.0	-0.1	16.3
Other kerosene	5.8	6.8	5.7	7.5	-1.1	-1.8	-1.1	6.8
Gasoil/diesel oil	29.7	29.3	29.8	28.0	0.5	1.8	0.9	28.9
Residual fuel oil	6.6	6.6	6.4	7.7	-0.3	-1.4	-1.4	7.8
Petroleum coke	0.4	0.5	0.4	0.3	0.0	0.1	0.0	0.4
Other products	12.0	11.9	11.9	12.0	0.0	-0.1	0.2	11.6
OECD Total								
Naphtha	6.2	6.6	6.6	6.6	0.0	-0.1	0.2	6.4
Motor gasoline	34.3	34.0	33.2	34.0	-0.8	-0.8	-0.5	33.7
Jet fuel	10.3	10.6	10.6	10.6	-0.1	0.0	0.6	9.9
Other kerosene	1.9	2.1	1.8	2.2	-0.3	-0.4	-0.3	2.1
Gasoil/diesel oil	32.7	32.6	32.7	31.2	0.1	1.5	0.5	32.2
Residual fuel oil	6.1	6.2	6.1	6.9	-0.1	-0.8	-0.8	6.8
Petroleum coke	2.7	2.7	2.7	2.7	0.0	0.0	0.0	2.7
Other products	11.1	11.1	11.7	11.5	0.6	0.2	-0.1	11.8

¹ Due to processing gains and losses, yields in % will not always add up to 100%

Table 17
WORLD BIOFUELS PRODUCTION
(thousand barrels per day)

ETHANOL									
	2017	2018	2019	3Q18	4Q18	1Q19	Feb 19	Mar 19	Apr 19
OECD Americas¹	1062	1082	1080	1099	1074	1049	1027	1094	1094
United States	1032	1048	1041	1064	1040	1030	1021	1049	1049
Other	30	34	39	34	34	20			
OECD Europe²	88	91	90	94	90	98	104	88	88
France	13	16	14	18	17	16	19	14	14
Germany	14	16	16	17	14	20	21	15	15
Spain	7	6	6	7	7	6	6	7	7
United Kingdom	11	9	9	9	9	12	15	8	8
Other	42	44	44	44	43	44			
OECD Asia Oceania³	3	5	5	5	5	5	6	5	5
Australia	3	4	4	4	4	5	5	4	4
Other	0	1	1	1	1	1			
Total OECD Ethanol	1153	1178	1175	1197	1168	1152	1137	1187	1187
Total Non-OECD Ethanol	624	728	736	1112	633	339	252	308	575
Brazil	478	547	535	931	453	138	51	106	374
China	71	69	79	71	76	77			
Argentina	15	19	19	19	19	19			
Other	61	93	103	91	86	105	201	201	201
Total Ethanol	1777	1906	1912	2309	1802	1492	1390	1494	1762

BIODIESEL									
	2017	2018	2019	3Q18	4Q18	1Q19	Feb 19	Mar 19	Apr 19
OECD Americas¹	111	128	139	137	137	123	113	144	144
United States	104	121	132	130	129	119	111	136	136
Other	7	7	7	7	7	4			
OECD Europe²	265	250	277	259	241	262	268	282	282
France	47	38	50	35	39	49	51	50	50
Germany	62	59	62	60	53	53	47	65	65
Italy	13	24	28	24	24	29			
Spain	34	25	28	26	26	27	27	29	29
Other	108	104	109	115	99	104	112	110	110
OECD Asia Oceania³	14	14	15	18	11	11	9	16	16
Australia	1	1	1	1	1	0	0	1	1
Other	13	13	14	17	10	11			
Total OECD Biodiesel	390	393	431	415	388	397	390	442	442
Total Non-OECD Biodiesel	292	322	348	332	323	348	348	348	348
Brazil	74	92	94	100	100	93	93	94	94
Argentina*	56	51	53	51	51	53			
Other	162	179	201	182	172	203			
Total Biodiesel	682	715	779	747	711	745	738	790	790

Global Biofuels	2459	2621	2690	3055	2513	2237	2128	2284	2552
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¹ As of August 2012 OMR, OECD Americas includes Chile.

² As of August 2012 OMR, OECD Europe includes Estonia and Slovenia.

³ As of August 2012 OMR, OECD Asia Oceania includes Israel.

* monthly data not available.

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