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	25.7	25.8	26.2	26.0	25.9
Europe	13.8	14.0	13.8	14.3	14.7	14.4	14.3	14.1	14.2	14.7	14.1	14.3	14.0	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	8.3	7.4	7.5	8.0	7.8
Total OECD	46.5	47.0	46.9	47.0	47.7	48.1	47.4	47.9	47.2	48.1	47.8	47.7	48.0	47.6	48.4	48.2	48.1
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	4.6	4.7	5.0	5.0	4.8
Europe	0.7	0.7	0.7	0.8	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	13.0	13.4	13.6	13.7	13.4
Other Asia	12.5	13.1	13.3	13.5	13.3	13.7	13.5	13.8	14.1	13.5	14.1	13.9	14.3	14.4	13.9	14.4	14.3
Americas	6.7	6.4	6.3	6.5	6.6	6.4	6.5	6.3	6.4	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	8.1	8.6	8.9	8.2	8.5
Africa	4.2	4.3	4.4	4.3	4.2	4.3	4.3	4.3	4.3	4.2	4.4	4.3	4.5	4.4	4.3	4.4	4.4
Total Non-OECD	48.8	49.5	49.6	51.1	50.8	50.6	50.5	50.6	51.6	51.8	51.9	51.5	51.6	52.8	52.9	52.9	52.5
Total Demand[1]	**95.3**	**96.4**	**96.6**	**98.1**	**98.4**	**98.7**	**97.9**	**98.5**	**98.8**	**99.9**	**99.6**	**99.2**	**99.6**	**100.4**	**101.3**	**101.1**	**100.6**
OECD SUPPLY																	
Americas	20.0	19.5	20.0	19.8	20.3	21.2	20.3	21.7	22.2	23.3	23.9	22.8	23.5	23.8	24.3	24.5	24.0
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	3.4	3.4	3.5	3.5
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	0.5	0.5	0.5	0.5	0.5
Total OECD[4]	23.9	23.4	24.0	23.7	24.0	25.0	24.2	25.7	26.0	27.0	27.8	26.6	27.5	27.6	28.3	28.6	28.0
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	14.5	14.6	14.8	14.7
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	3.8	3.8	3.7	3.8
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	4.6	4.8	5.0	5.1	4.9
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	31.1	31.1	30.9	30.8	30.9	30.9	30.9	31.0	31.0	31.4	31.1	31.4	31.2	31.4	31.6	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	2.3	2.8	3.0	2.7	2.7
Total Non-OPEC Supply	59.8	59.1	59.4	59.4	60.0	60.7	59.9	61.1	62.1	63.4	64.1	62.7	63.6	63.9	65.0	65.2	64.4
OPEC[2]																	
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					
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					
Total Supply	**96.4**	**96.9**	**96.6**	**96.9**	**97.8**	**98.2**	**97.4**	**98.3**	**99.2**	**101.0**	**101.9**	**100.1**					
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	0.5	0.1	0.0					
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					
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					
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					
Miscellaneous to balance[5]	0.1	0.3	-0.2	-0.9	-0.4	-0.1	-0.4	1.2	0.2	0.9	1.8	0.9					
Total Stock Ch. & Misc	**1.1**	**0.5**	**0.1**	**-1.2**	**-0.6**	**-0.5**	**-0.5**	**-0.2**	**0.3**	**1.1**	**2.2**	**0.9**					
Memo items:																	
Call on OPEC crude + Stock ch.[6]	30.3	31.9	31.6	33.1	32.9	32.5	32.6	31.9	31.2	31.0	30.0	31.0	30.4	30.9	30.7	30.4	30.6

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	-	-	-	-	-	-	-	-	-	-	-0.3	-0.1	0.2	0.1	0.1	-0.2	-
Europe	-	-	-	-	-	-	-	-	-	-	-0.1	-	-0.1	-0.1	-0.1	-0.1	-0.1
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-
Total OECD	-	-	-	-	-	-	-	-	-	-	-0.5	-0.1	0.1	-	-	-0.4	-0.1
NON-OECD DEMAND																	
FSU	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	-	-	-
Other Asia	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	-	-	0.1	0.1
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Middle East	-	-	-	-	-	-	-	0.1	0.1	0.1	-0.1	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-OECD	-	-	-	-	-	-	-	0.1	0.1	0.1	-	0.1	-	0.1	0.1	0.1	0.1
Total Demand	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.1**	**0.1**	**0.1**	**-0.5**	**-**	**0.1**	**0.1**	**0.1**	**-0.3**	**-**
OECD SUPPLY																	
Americas	-	-	-	-	-	-	-	-	-	-	0.1	-	-0.1	-0.1	-	-	-
Europe	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	-	0.1	0.1	0.1
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total OECD	-	-	-	-	-	-	-	-	0.1	0.1	0.2	0.1	-	-0.1	0.1	0.1	-
NON-OECD SUPPLY																	
FSU	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-
Europe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-
Other Asia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Americas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Middle East	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-OECD	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-	-	-
Processing gains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Biofuels	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-0.1	-	-
Total Non-OPEC Supply	-	-	-	-	-	-	-	-	0.1	0.1	0.2	0.1	0.2	-0.1	-	-	-
OPEC																	
Crude	-	-	-	-	-	-	-	-	-	-	-	-					
NGLs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total OPEC	-	-	-	-	-	-	-	-	-	-	-	-					
Total Supply	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.1**	**0.1**	**0.2**	**0.1**					
STOCK CHANGES AND MISCELLANEOUS																	
REPORTED OECD																	
Industry	-	-	-	-	-	-	-	-	-	-	0.2	-					
Government	-	-	-	-	-	-	-	-	-	-	-	-					
Total	-	-	-	-	-	-	-	-	-	-	0.2	-					
Floating storage/Oil in transit	-	-	-	-	-	-	-	-	-	-	-	-					
Miscellaneous to balance	-	-	-	-	-	-	-	-0.1	-0.1	-	0.5	0.1					
Total Stock Ch. & Misc	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-0.1**	**-0.1**	**-**	**0.7**	**0.1**					
Memo items:																	
Call on OPEC crude + Stock ch.	-	-	-	-	-	-	-	0.1	0.1	-	-0.6	-0.1	-0.1	0.1	-	-0.3	-0.1

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	25.75	25.84	26.19	25.96	25.93
Europe	13.99	13.82	14.25	14.70	14.40	14.30	14.08	14.21	14.67	14.13	14.27	13.95	14.36	14.69	14.31	14.33
Asia Oceania	8.11	8.48	7.66	7.80	8.32	8.06	8.51	7.60	7.62	7.96	7.92	8.33	7.42	7.48	7.96	7.80
Total OECD	46.97	46.91	47.02	47.66	48.06	47.42	47.85	47.18	48.12	47.75	47.73	48.03	47.62	48.36	48.23	48.06
Asia	25.05	25.71	26.41	25.65	26.34	26.03	26.54	27.07	26.70	27.21	26.88	27.34	27.85	27.54	28.10	27.71
Middle East	8.49	8.22	8.65	8.86	8.21	8.49	8.20	8.54	8.76	8.21	8.43	8.09	8.65	8.91	8.19	8.46
Americas	6.44	6.34	6.46	6.56	6.45	6.45	6.33	6.36	6.46	6.42	6.40	6.29	6.35	6.41	6.36	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	4.59	4.71	4.97	5.00	4.82
Africa	4.26	4.36	4.30	4.19	4.27	4.28	4.33	4.29	4.20	4.43	4.31	4.50	4.42	4.29	4.44	4.42
Europe	0.72	0.72	0.75	0.76	0.76	0.75	0.73	0.74	0.77	0.78	0.76	0.75	0.77	0.79	0.79	0.78
Total Non-OECD	49.47	49.64	51.08	50.75	50.62	50.53	50.62	51.63	51.81	51.88	51.50	51.56	52.76	52.91	52.88	52.54
World	**96.44**	**96.55**	**98.10**	**98.41**	**98.68**	**97.95**	**98.48**	**98.81**	**99.92**	**99.63**	**99.22**	**99.60**	**100.38**	**101.27**	**101.11**	**100.60**
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	20.68	20.77	20.95	20.83	20.81
Europe 5*	8.15	8.16	8.28	8.44	8.24	8.28	8.21	8.21	8.32	8.18	8.23	8.15	8.25	8.38	8.25	8.26
China	11.99	12.44	12.88	12.33	12.65	12.58	12.75	13.02	13.19	13.14	13.03	13.04	13.45	13.62	13.66	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	4.13	3.32	3.43	3.82	3.67
India	4.44	4.46	4.67	4.42	4.72	4.57	4.82	4.92	4.53	4.87	4.78	5.09	5.15	4.77	5.10	5.03
Russia	3.33	3.14	3.31	3.50	3.34	3.32	3.29	3.39	3.63	3.55	3.47	3.38	3.45	3.67	3.64	3.54
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	3.02	3.13	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	2.79	3.31	3.48	3.01	3.15
Canada	2.47	2.37	2.36	2.52	2.52	2.45	2.32	2.34	2.56	2.49	2.43	2.36	2.35	2.57	2.49	2.44
Korea	2.61	2.62	2.49	2.57	2.65	2.58	2.63	2.55	2.48	2.43	2.52	2.60	2.49	2.45	2.52	2.51
Mexico	2.05	2.02	2.03	1.95	1.93	1.98	1.99	2.02	1.97	1.88	1.97	2.00	2.04	1.99	1.94	1.99
Iran	1.96	2.10	2.01	1.98	1.98	2.02	2.07	2.07	2.08	2.08	2.07	2.03	1.99	1.97	1.95	1.99
Total	**66.98**	**67.01**	**68.06**	**68.07**	**68.49**	**67.91**	**68.47**	**68.37**	**69.31**	**69.15**	**68.83**	**69.24**	**69.58**	**70.41**	**70.33**	**69.89**
% of World	69.4%	69.4%	69.4%	69.2%	69.4%	69.3%	69.5%	69.2%	69.4%	69.4%	69.4%	69.5%	69.3%	69.5%	69.5%	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	1.9	1.9	1.4	1.2	1.6
Europe	1.2	2.0	2.7	2.2	1.8	2.2	1.9	-0.3	-0.3	-1.9	-0.2	-0.9	1.0	0.2	1.2	0.4
Asia Oceania	0.0	-1.4	-0.3	0.0	-0.2	-0.5	0.4	-0.7	-2.3	-4.4	-1.8	-2.1	-2.4	-1.9	0.0	-1.6
Total OECD	1.0	0.1	1.9	0.6	1.3	0.9	2.0	0.3	1.0	-0.6	0.7	0.4	0.9	0.5	1.0	0.7
Asia	4.1	3.2	3.8	4.5	4.1	3.9	3.3	2.5	4.1	3.3	3.3	3.0	2.9	3.1	3.3	3.1
Middle East	-0.4	1.4	0.2	-0.6	-1.3	-0.1	-0.3	-1.3	-1.1	0.0	-0.7	-1.3	1.2	1.7	-0.3	0.4
Americas	-4.1	-0.2	0.0	0.5	0.7	0.2	-0.1	-1.6	-1.5	-0.4	-0.9	-0.7	0.0	-0.9	-0.9	-0.6
FSU	-1.3	-1.1	3.6	0.9	-1.1	0.5	4.3	2.8	3.8	5.0	4.0	2.5	1.7	1.3	3.5	2.2
Africa	1.1	1.7	-0.1	1.1	-0.5	0.6	-0.6	-0.2	0.2	3.8	0.8	3.7	3.1	2.3	0.4	2.3
Europe	4.8	1.7	2.2	4.2	4.3	3.1	2.5	-0.9	1.4	3.6	1.5	2.3	3.0	2.6	1.0	2.3
Total Non-OECD	1.4	1.9	2.3	2.4	1.9	2.1	2.0	1.1	2.1	2.5	1.9	1.9	2.2	2.1	1.9	2.0
World	**1.2**	**1.0**	**2.1**	**1.5**	**1.6**	**1.6**	**2.0**	**0.7**	**1.5**	**1.0**	**1.3**	**1.1**	**1.6**	**1.3**	**1.5**	**1.4**
Annual Change (mb/d)																
Americas	0.28	-0.11	0.51	-0.03	0.36	0.18	0.65	0.25	0.68	0.32	0.48	0.49	0.47	0.35	0.30	0.40
Europe	0.16	0.27	0.37	0.31	0.26	0.31	0.26	-0.04	-0.04	-0.27	-0.02	-0.13	0.15	0.03	0.18	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	-0.18	-0.18	-0.14	0.00	-0.12
Total OECD	0.45	0.04	0.86	0.28	0.60	0.45	0.94	0.15	0.46	-0.31	0.31	0.18	0.44	0.24	0.48	0.33
Asia	0.98	0.79	0.97	1.10	1.04	0.98	0.84	0.66	1.05	0.87	0.86	0.80	0.79	0.83	0.89	0.83
Middle East	-0.04	0.12	0.02	-0.05	-0.11	-0.01	-0.02	-0.11	-0.10	0.00	-0.06	-0.11	0.11	0.15	-0.02	0.03
Americas	-0.28	-0.01	0.00	0.03	0.04	0.02	-0.01	-0.10	-0.10	-0.03	-0.06	-0.04	0.00	-0.06	-0.06	-0.04
FSU	-0.06	-0.05	0.16	0.04	-0.05	0.02	0.18	0.12	0.18	0.23	0.18	0.11	0.08	0.06	0.17	0.11
Africa	0.05	0.07	0.00	0.04	-0.02	0.02	-0.03	-0.01	0.01	0.16	0.03	0.16	0.13	0.10	0.02	0.10
Europe	0.03	0.01	0.02	0.03	0.03	0.02	0.02	-0.01	0.01	0.03	0.01	0.02	0.02	0.02	0.01	0.02
Total Non-OECD	0.69	0.94	1.16	1.20	0.94	1.06	0.98	0.56	1.05	1.26	0.97	0.94	1.13	1.11	1.00	1.04
World	**1.14**	**0.98**	**2.02**	**1.48**	**1.54**	**1.51**	**1.92**	**0.71**	**1.51**	**0.95**	**1.27**	**1.12**	**1.56**	**1.34**	**1.48**	**1.38**
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	-0.34	-0.09	0.15	0.07	0.06	-0.24	0.01
Europe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-0.12	-0.03	-0.06	-0.07	-0.07	-0.11	-0.08
Asia Oceania	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.01	-0.02	-0.01	-0.02	-0.07	-0.03
Total OECD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-0.49	-0.12	0.08	-0.02	-0.03	-0.42	-0.10
Asia	0.00	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.04	0.10	0.05	-0.03	0.02	0.02	0.09	0.03
Middle East	0.00	-0.02	-0.02	-0.02	-0.02	-0.02	0.09	0.09	0.06	-0.09	0.04	-0.05	0.05	0.05	-0.01	0.01
Americas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02
FSU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.02	0.02
Africa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.01	0.02	0.01	0.01	0.01	0.01
Europe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-OECD	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.12	0.13	0.12	0.03	0.10	0.04	0.09	0.10	0.12	0.09
World	**0.00**	**-0.01**	**-0.01**	**-0.01**	**-0.01**	**-0.01**	**0.12**	**0.14**	**0.14**	**-0.45**	**-0.02**	**0.12**	**0.07**	**0.07**	**-0.30**	**-0.01**
Revisions to Oil Demand Growth from Last Month's Report (mb/d)																
World	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.13	0.15	0.15	-0.44	0.00	0.00	-0.07	-0.07	0.15	0.00

* France, Germany, Italy, Spain and UK

Table 2a
OECD REGIONAL OIL DEMAND[1]
(million barrels per day)

	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18 [2]	Latest month vs. Nov 18	Latest month vs. Dec 17
Americas											
LPG and ethane	3.33	3.63	3.99	3.29	3.48	3.77	3.55	3.87	3.91	0.04	0.04
Naphtha	0.34	0.29	0.28	0.27	0.31	0.32	0.34	0.30	0.31	0.01	-0.01
Motor gasoline	11.11	11.08	10.73	11.28	11.29	11.03	11.13	11.06	10.90	-0.16	-0.17
Jet and kerosene	1.98	2.03	1.95	2.04	2.12	2.01	1.97	2.08	1.98	-0.10	-0.06
Gasoil/diesel oil	5.14	5.38	5.39	5.38	5.30	5.47	5.78	5.46	5.16	-0.30	0.02
Residual fuel oil	0.68	0.67	0.63	0.68	0.71	0.67	0.65	0.64	0.71	0.07	0.13
Other products	2.47	2.44	2.31	2.42	2.62	2.40	2.67	2.29	2.22	-0.07	-0.12
Total	**25.06**	**25.53**	**25.26**	**25.37**	**25.83**	**25.66**	**26.09**	**25.70**	**25.19**	**-0.51**	**-0.16**
Europe											
LPG and ethane	1.12	1.15	1.24	1.11	1.14	1.10	1.06	1.10	1.16	0.06	-0.01
Naphtha	1.18	1.06	1.18	1.04	1.05	0.97	0.93	0.95	1.04	0.09	-0.18
Motor gasoline	1.89	1.93	1.82	2.00	2.01	1.90	1.90	1.92	1.87	-0.05	0.05
Jet and kerosene	1.46	1.52	1.36	1.55	1.70	1.47	1.60	1.40	1.39	-0.01	0.03
Gasoil/diesel oil	6.48	6.45	6.45	6.33	6.45	6.58	6.80	6.74	6.21	-0.53	-0.28
Residual fuel oil	0.89	0.88	0.89	0.89	0.90	0.84	0.86	0.83	0.84	0.01	-0.09
Other products	1.28	1.28	1.14	1.30	1.42	1.26	1.42	1.24	1.13	-0.11	-0.04
Total	**14.30**	**14.27**	**14.08**	**14.21**	**14.67**	**14.13**	**14.57**	**14.18**	**13.64**	**-0.53**	**-0.52**
Asia Oceania											
LPG and ethane	0.75	0.72	0.82	0.72	0.65	0.70	0.63	0.69	0.78	0.09	-0.04
Naphtha	2.04	1.99	2.04	1.92	1.97	2.02	1.97	2.02	2.07	0.05	-0.08
Motor gasoline	1.54	1.53	1.51	1.51	1.59	1.52	1.45	1.53	1.58	0.05	-0.04
Jet and kerosene	0.91	0.91	1.18	0.74	0.72	1.01	0.84	0.98	1.20	0.22	-0.06
Gasoil/diesel oil	1.89	1.92	1.95	1.90	1.88	1.95	1.86	2.02	1.98	-0.04	-0.02
Residual fuel oil	0.58	0.55	0.66	0.49	0.52	0.53	0.55	0.51	0.54	0.03	-0.11
Other products	0.35	0.30	0.35	0.32	0.30	0.23	0.23	0.22	0.24	0.02	-0.09
Total	**8.06**	**7.92**	**8.51**	**7.60**	**7.62**	**7.96**	**7.53**	**7.97**	**8.38**	**0.41**	**-0.45**
OECD											
LPG and ethane	5.20	5.50	6.05	5.12	5.27	5.57	5.23	5.65	5.84	0.18	-0.02
Naphtha	3.56	3.34	3.50	3.23	3.33	3.31	3.24	3.27	3.42	0.15	-0.27
Motor gasoline	14.55	14.55	14.06	14.79	14.88	14.45	14.48	14.52	14.36	-0.16	-0.16
Jet and kerosene	4.35	4.46	4.49	4.33	4.54	4.48	4.41	4.46	4.57	0.11	-0.09
Gasoil/diesel oil	13.51	13.76	13.78	13.61	13.63	14.00	14.44	14.23	13.35	-0.88	-0.28
Residual fuel oil	2.15	2.11	2.18	2.06	2.14	2.04	2.06	1.98	2.09	0.11	-0.07
Other products	4.10	4.02	3.80	4.04	4.33	3.89	4.32	3.76	3.59	-0.16	-0.25
Total	**47.42**	**47.73**	**47.85**	**47.18**	**48.12**	**47.75**	**48.19**	**47.85**	**47.22**	**-0.64**	**-1.13**

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 COUNTRIES[1]
(million barrels per day)

	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18 [2]	Latest month vs. Nov 18	Latest month vs. Dec 17
United States[3]											
LPG and ethane	2.54	2.85	3.12	2.58	2.68	3.04	2.78	3.13	3.23	0.10	0.24
Naphtha	0.23	0.23	0.21	0.20	0.24	0.24	0.27	0.22	0.24	0.01	0.01
Motor gasoline	9.33	9.32	9.01	9.51	9.51	9.25	9.27	9.25	9.22	-0.03	-0.03
Jet and kerosene	1.69	1.72	1.65	1.73	1.78	1.70	1.67	1.77	1.67	-0.10	-0.09
Gasoil/diesel oil	3.93	4.13	4.18	4.13	4.05	4.18	4.38	4.13	4.03	-0.10	0.05
Residual fuel oil	0.34	0.32	0.28	0.32	0.34	0.34	0.31	0.32	0.40	0.08	0.09
Other products	1.90	1.88	1.78	1.86	2.04	1.85	2.11	1.73	1.70	-0.04	-0.12
Total	**19.96**	**20.45**	**20.24**	**20.33**	**20.63**	**20.60**	**20.77**	**20.55**	**20.48**	**-0.07**	**0.16**
Japan											
LPG and ethane	0.39	0.37	0.46	0.35	0.31	0.36	0.31	0.36	0.40	0.05	-0.06
Naphtha	0.77	0.73	0.75	0.66	0.70	0.80	0.78	0.82	0.79	-0.03	-0.01
Motor gasoline	0.88	0.87	0.84	0.85	0.92	0.86	0.82	0.84	0.91	0.07	-0.03
Jet and kerosene	0.51	0.50	0.73	0.37	0.33	0.57	0.42	0.55	0.73	0.18	-0.07
Diesel	0.43	0.45	0.43	0.44	0.45	0.48	0.47	0.48	0.48	0.00	0.02
Other gasoil	0.35	0.33	0.40	0.29	0.28	0.33	0.30	0.32	0.36	0.04	-0.06
Residual fuel oil	0.28	0.28	0.34	0.23	0.27	0.27	0.29	0.26	0.27	0.01	-0.06
Other products	0.28	0.26	0.31	0.24	0.27	0.24	0.22	0.24	0.26	0.02	-0.05
Total	**3.89**	**3.78**	**4.27**	**3.43**	**3.53**	**3.89**	**3.62**	**3.86**	**4.20**	**0.34**	**-0.30**
Germany											
LPG and ethane	0.13	0.11	0.11	0.13	0.11	0.09	0.09	0.09	0.10	0.01	-0.02
Naphtha	0.38	0.31	0.35	0.32	0.30	0.29	0.27	0.27	0.32	0.04	-0.08
Motor gasoline	0.43	0.44	0.45	0.45	0.45	0.43	0.42	0.44	0.42	-0.01	0.02
Jet and kerosene	0.22	0.22	0.19	0.23	0.24	0.21	0.22	0.21	0.21	-0.01	0.01
Diesel	0.76	0.73	0.70	0.74	0.76	0.73	0.77	0.78	0.63	-0.15	-0.07
Other gasoil	0.37	0.33	0.41	0.27	0.29	0.37	0.39	0.34	0.37	0.04	0.05
Residual fuel oil	0.08	0.07	0.09	0.08	0.07	0.06	0.05	0.06	0.07	0.01	-0.03
Other products	0.09	0.10	0.07	0.09	0.12	0.11	0.14	0.13	0.07	-0.06	0.02
Total	**2.46**	**2.33**	**2.37**	**2.30**	**2.34**	**2.29**	**2.35**	**2.32**	**2.19**	**-0.13**	**-0.11**
Italy											
LPG and ethane	0.10	0.10	0.12	0.09	0.09	0.11	0.09	0.10	0.12	0.02	-0.01
Naphtha	0.09	0.07	0.09	0.06	0.07	0.05	0.05	0.06	0.04	-0.01	-0.03
Motor gasoline	0.16	0.16	0.15	0.17	0.17	0.15	0.16	0.15	0.16	0.01	0.00
Jet and kerosene	0.11	0.11	0.09	0.11	0.13	0.10	0.12	0.09	0.09	0.00	0.00
Diesel	0.47	0.50	0.50	0.50	0.49	0.50	0.52	0.50	0.49	-0.01	0.02
Other gasoil	0.08	0.08	0.07	0.08	0.09	0.09	0.10	0.09	0.08	-0.01	-0.01
Residual fuel oil	0.08	0.08	0.08	0.08	0.07	0.07	0.08	0.08	0.06	-0.01	0.00
Other products	0.15	0.17	0.15	0.17	0.18	0.18	0.19	0.18	0.16	-0.03	0.01
Total	**1.24**	**1.27**	**1.25**	**1.27**	**1.29**	**1.26**	**1.32**	**1.25**	**1.20**	**-0.05**	**-0.02**
France											
LPG and ethane	0.11	0.11	0.14	0.10	0.09	0.10	0.09	0.09	0.11	0.01	-0.01
Naphtha	0.11	0.12	0.12	0.14	0.13	0.09	0.09	0.08	0.10	0.02	0.01
Motor gasoline	0.18	0.19	0.17	0.20	0.20	0.19	0.20	0.19	0.17	-0.02	-0.01
Jet and kerosene	0.16	0.17	0.15	0.17	0.19	0.16	0.18	0.15	0.16	0.00	0.00
Diesel	0.72	0.70	0.70	0.71	0.70	0.70	0.75	0.71	0.65	-0.06	-0.07
Other gasoil	0.25	0.24	0.27	0.19	0.23	0.25	0.29	0.24	0.22	-0.02	-0.05
Residual fuel oil	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.00
Other products	0.12	0.13	0.10	0.13	0.14	0.13	0.16	0.13	0.11	-0.01	0.02
Total	**1.71**	**1.70**	**1.71**	**1.69**	**1.74**	**1.68**	**1.82**	**1.64**	**1.58**	**-0.07**	**-0.11**
United Kingdom											
LPG and ethane	0.14	0.13	0.14	0.14	0.12	0.13	0.12	0.14	0.15	0.01	0.02
Naphtha	0.03	0.03	0.03	0.02	0.03	0.03	0.02	0.03	0.03	0.00	0.00
Motor gasoline	0.29	0.28	0.27	0.29	0.28	0.29	0.26	0.31	0.28	-0.03	0.00
Jet and kerosene	0.32	0.34	0.34	0.33	0.34	0.33	0.34	0.32	0.34	0.02	0.00
Diesel	0.52	0.53	0.52	0.53	0.53	0.54	0.50	0.58	0.54	-0.04	-0.01
Other gasoil	0.14	0.15	0.13	0.15	0.16	0.15	0.15	0.16	0.14	-0.02	0.01
Residual fuel oil	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.00	0.00
Other products	0.12	0.12	0.11	0.12	0.13	0.12	0.12	0.11	0.12	0.00	0.00
Total	**1.58**	**1.60**	**1.57**	**1.62**	**1.61**	**1.61**	**1.54**	**1.67**	**1.62**	**-0.05**	**0.02**
Canada											
LPG and ethane	0.39	0.35	0.42	0.30	0.38	0.32	0.35	0.33	0.28	-0.05	-0.18
Naphtha	0.10	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.00	-0.04
Motor gasoline	0.85	0.84	0.78	0.83	0.88	0.87	0.93	0.89	0.80	-0.09	-0.03
Jet and kerosene	0.15	0.17	0.14	0.16	0.19	0.16	0.16	0.16	0.17	0.01	0.03
Diesel	0.29	0.26	0.26	0.27	0.26	0.26	0.25	0.26	0.26	-0.01	-0.03
Other gasoil	0.27	0.32	0.28	0.29	0.34	0.37	0.44	0.37	0.29	-0.08	0.03
Residual fuel oil	0.06	0.08	0.06	0.09	0.07	0.09	0.08	0.08	0.10	0.02	0.05
Other products	0.35	0.36	0.32	0.36	0.38	0.36	0.37	0.37	0.35	-0.02	0.01
Total	**2.45**	**2.43**	**2.32**	**2.34**	**2.56**	**2.49**	**2.64**	**2.51**	**2.31**	**-0.21**	**-0.17**

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	3Q18	4Q18	1Q19	2Q19	3Q19	Dec 18	Jan 19	Feb 19
OPEC											
Crude Oil											
Saudi Arabia	9.96	10.33		10.43	10.78				10.64	10.24	10.14
Iran	3.81	3.58		3.62	3.03				2.80	2.72	2.74
Iraq	4.47	4.56		4.65	4.67				4.77	4.75	4.68
UAE	2.93	3.00		3.00	3.26				3.25	3.07	3.05
Kuwait	2.71	2.75		2.79	2.78				2.80	2.72	2.70
Neutral Zone	0.00	0.00		0.00	0.00				0.00	0.00	0.00
Angola	1.64	1.49		1.48	1.45				1.45	1.46	1.47
Nigeria	1.53	1.60		1.62	1.63				1.63	1.64	1.64
Libya	0.83	0.97		0.90	1.08				0.99	0.89	0.90
Algeria	1.05	1.04		1.06	1.07				1.06	1.03	1.03
Congo	0.26	0.32		0.33	0.33				0.33	0.33	0.34
Gabon	0.20	0.19		0.19	0.18				0.20	0.20	0.21
Equatorial Guinea	0.13	0.12		0.12	0.11				0.11	0.11	0.12
Ecuador	0.53	0.52		0.53	0.52				0.52	0.52	0.52
Venezuela	1.97	1.40		1.33	1.30				1.29	1.24	1.14
Total Crude Oil	32.01	31.88		32.04	32.19				31.84	30.92	30.68
Total NGLs[1]	5.51	5.55	5.57	5.55	5.57	5.57	5.57	5.57	5.57	5.57	5.57
Total OPEC[2]	**37.52**	**37.42**		**37.59**	**37.75**				**37.41**	**36.49**	**36.25**
NON-OPEC[2,3]											
OECD											
Americas	20.32	22.77	24.03	23.29	23.87	23.53	23.75	24.31	23.91	23.42	23.47
United States	13.27	15.48	16.94	15.97	16.48	16.43	16.83	17.15	16.51	16.33	16.38
Mexico	2.23	2.08	1.91	2.07	1.95	1.91	1.92	1.90	1.93	1.86	1.93
Canada	4.82	5.20	5.18	5.24	5.42	5.17	4.99	5.24	5.46	5.22	5.14
Chile	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Europe	3.49	3.46	3.45	3.32	3.54	3.51	3.36	3.45	3.56	3.52	3.53
UK	1.01	1.10	1.17	1.04	1.16	1.19	1.16	1.13	1.19	1.20	1.20
Norway	1.97	1.85	1.77	1.79	1.86	1.81	1.68	1.79	1.85	1.82	1.82
Others	0.50	0.51	0.52	0.49	0.52	0.51	0.51	0.52	0.52	0.50	0.51
Asia Oceania	0.39	0.41	0.50	0.42	0.44	0.48	0.49	0.51	0.44	0.47	0.48
Australia	0.31	0.34	0.44	0.35	0.37	0.41	0.43	0.45	0.37	0.41	0.41
Others	0.07	0.07	0.06	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06
Total OECD	**24.20**	**26.65**	**27.99**	**27.03**	**27.84**	**27.51**	**27.60**	**28.26**	**27.91**	**27.42**	**27.48**
NON-OECD											
Former USSR	14.30	14.56	14.66	14.60	14.83	14.80	14.50	14.59	14.92	14.85	14.80
Russia	11.32	11.49	11.61	11.59	11.75	11.67	11.52	11.57	11.78	11.71	11.67
Others	2.98	3.07	3.06	3.00	3.08	3.13	2.98	3.02	3.14	3.15	3.13
Asia[2]	7.34	7.18	7.03	7.10	7.21	7.15	7.05	6.96	7.24	7.19	7.15
China	3.87	3.84	3.80	3.81	3.89	3.87	3.82	3.76	3.94	3.90	3.87
Malaysia	0.72	0.72	0.70	0.69	0.71	0.71	0.70	0.68	0.72	0.72	0.71
India	0.86	0.84	0.82	0.83	0.82	0.82	0.81	0.82	0.83	0.82	0.82
Indonesia	0.84	0.80	0.77	0.80	0.79	0.77	0.77	0.76	0.78	0.78	0.78
Others	1.05	0.98	0.95	0.97	0.99	0.97	0.96	0.94	0.99	0.97	0.97
Europe	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Americas[2]	4.54	4.50	4.87	4.42	4.55	4.64	4.82	4.97	4.62	4.55	4.66
Brazil	2.74	2.70	3.07	2.63	2.73	2.82	3.01	3.17	2.79	2.73	2.84
Argentina	0.57	0.58	0.59	0.58	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Colombia	0.86	0.87	0.87	0.87	0.89	0.89	0.88	0.87	0.89	0.89	0.89
Others	0.37	0.35	0.33	0.33	0.35	0.34	0.34	0.33	0.35	0.34	0.34
Middle East[2,4]	3.22	3.27	3.26	3.28	3.29	3.26	3.25	3.26	3.28	3.26	3.26
Oman	0.98	0.99	0.97	0.99	1.00	0.97	0.96	0.97	1.00	0.98	0.97
Qatar	1.97	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.00	2.01	2.01
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	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Africa	1.41	1.45	1.46	1.47	1.43	1.45	1.46	1.45	1.42	1.45	1.45
Egypt	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Others	0.77	0.80	0.81	0.82	0.78	0.81	0.81	0.81	0.77	0.80	0.81
Total Non-OECD	**30.93**	**31.08**	**31.40**	**30.99**	**31.43**	**31.42**	**31.20**	**31.36**	**31.60**	**31.42**	**31.43**
Processing gains[5]	2.29	2.32	2.35	2.32	2.32	2.35	2.35	2.35	2.32	2.35	2.35
Global Biofuels	2.46	2.62	2.70	3.06	2.52	2.30	2.78	3.03	2.29	2.41	2.24
TOTAL NON-OPEC	**59.88**	**62.67**	**64.43**	**63.41**	**64.12**	**63.59**	**63.93**	**65.00**	**64.13**	**63.60**	**63.50**
TOTAL SUPPLY	**97.40**	**100.10**		**100.99**	**101.87**				**101.54**	**100.09**	**99.75**

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 Latin America excludes Ecuador throughout. Africa excludes Angola, Congo, Gabon and Equatorial Guinea throughout. Asia includes Indonesia throughout.
3 Comprises crude oil, condensates, NGLs and oil from non-conventional sources
4 Includes small amounts of production from Jordan and Bahrain.
5 Net volumetric gains and losses in refining and marine transportation losses.

Table 3a
OIL SUPPLY IN OECD COUNTRIES[1]
(thousand of barrels per day)

	2017	2018	2019	3Q18	4Q18	1Q19	2Q19	3Q19	Dec 18	Jan 19	Feb 19
United States											
Alaska	495	479	458	431	493	495	463	407	496	491	497
California	492	478	470	476	479	475	471	468	478	476	475
Texas	3487	4431	5178	4573	4814	4904	5080	5269	4877	4840	4898
Federal Gulf of Mexico[2]	1679	1731	1815	1848	1820	1829	1826	1828	1802	1797	1853
Other US Lower 48	3199	3833	4133	3913	4167	4108	4088	4160	4200	4171	4101
NGLs[3]	3783	4349	4701	4536	4543	4478	4681	4822	4479	4371	4488
Other Hydrocarbons	134	181	181	197	166	142	219	197	176	181	70
Total	13268	15481	16935	15974	16482	16431	16829	17152	16508	16327	16382
Canada											
Alberta Light/Medium/Heavy	446	489	491	491	501	492	491	490	500	487	495
Alberta Bitumen	1647	1857	1654	1942	1917	1599	1655	1683	1917	1621	1579
Saskatchewan	486	488	486	488	493	490	488	485	492	491	490
Other Crude	372	413	528	410	413	489	533	531	455	463	493
NGLs	839	901	906	891	922	956	845	896	920	948	959
Synthetic Crudes	1026	1056	1116	1014	1174	1148	981	1158	1173	1213	1126
Total	4815	5205	5180	5235	5420	5173	4993	5243	5457	5223	5142
Mexico											
Crude	1948	1833	1676	1830	1738	1687	1687	1670	1729	1642	1710
NGLs	280	238	225	240	211	222	228	225	199	217	220
Total	2233	2077	1906	2075	1954	1914	1920	1901	1933	1864	1934
UK Offshore[5]											
Brent Fields	40	37	34	41	36	39	37	30	39	39	39
Forties Fields	425	359	343	324	317	353	359	329	302	334	364
Ninian Fields	39	37	33	40	33	35	34	33	35	36	35
Flotta Fields	24	19	20	18	21	20	20	19	21	20	21
Other Fields	365	533	618	513	631	623	593	607	673	652	615
NGLs	92	89	91	77	93	93	92	90	93	92	94
Total	985	1075	1139	1014	1132	1164	1135	1108	1163	1173	1168
Norway[5]											
Ekofisk-Ula Area	204	193	177	199	192	191	156	184	201	191	190
Oseberg-Troll Area	297	247	248	248	259	221	255	256	267	199	206
Statfjord-Gullfaks Area	337	311	258	306	307	287	190	280	296	312	310
Haltenbanken Area	309	331	330	320	328	337	333	328	329	337	338
Sleipner-Frigg Area	440	403	405	368	409	411	406	400	414	411	412
NGLs	381	365	337	353	367	352	330	331	345	361	356
Total	1969	1850	1774	1793	1861	1809	1681	1792	1852	1821	1822
Other OECD Europe											
Other N Sea Crude/NGLs[6]	152	130	123	118	137	127	126	124	137	121	131
UK Onshore	19	18	17	18	18	17	17	17	18	18	17
Italy	78	90	104	84	87	92	100	107	85	89	92
Turkey	49	55	56	57	57	57	56	56	56	57	57
Other	118	117	110	116	115	114	111	109	113	114	115
NGLs (excl. North Sea)	12	11	12	8	13	13	12	12	12	13	12
Non-Conventional Oils	75	85	86	89	85	85	86	86	91	84	85
Total	502	506	508	489	511	503	508	510	512	496	509
Australia											
Gippsland Basin	35	33	35	37	36	36	35	35	36	36	36
Cooper-Eromanga Basin	30	35	34	36	35	35	34	34	35	35	35
Carnarvon Basin	196	209	227	202	229	230	228	225	229	230	231
Other Crude	-1	5	9	7	-6	9	9	9	-7	9	9
NGLs	52	52	78	58	53	66	74	82	51	64	66
Total	315	342	439	346	374	412	429	448	374	407	412
Other OECD Asia Oceania											
New Zealand	31	24	21	26	23	22	21	20	23	22	22
Japan	4	3	3	3	3	3	3	3	3	3	3
NGLs	13	13	13	14	12	13	13	13	14	12	13
Synthetic Fuels	25	29	26	32	26	26	26	26	26	26	26
Total	74	70	62	75	64	63	62	62	66	63	64
OECD											
Crude Oil	17477	19262	20198	19517	20158	19901	19997	20304	20310	19815	19943
NGLs	5426	5995	6343	6150	6195	6172	6254	6451	6095	6059	6186
Non-Conventional Oils[4]	1293	1389	1448	1367	1490	1441	1350	1507	1505	1544	1347
Total	**24196**	**26646**	**27988**	**27035**	**27843**	**27514**	**27601**	**28262**	**27910**	**27418**	**27476**

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 STOCKS[1] AND QUARTERLY STOCK CHANGES

	RECENT MONTHLY STOCKS[2] in Million Barrels					PRIOR YEARS' STOCKS[2] in Million Barrels			STOCK CHANGES in mb/d			
	Sep2018	Oct2018	Nov2018	Dec2018	Jan2019*	Jan2016	Jan2017	Jan2018	1Q2018	2Q2018	3Q2018	4Q2018
OECD Americas												
Crude	572.3	595.8	610.5	606.4	614.1	632.6	667.4	581.1	0.04	-0.14	0.00	0.37
Motor Gasoline	270.2	261.2	257.6	278.3	289.2	292.2	294.0	277.7	0.06	-0.07	0.04	0.09
Middle Distillate	216.2	196.2	193.8	217.3	221.0	238.7	243.4	217.7	-0.15	-0.16	0.27	0.01
Residual Fuel Oil	35.2	34.9	35.1	34.2	35.6	50.4	45.6	37.6	0.06	-0.06	0.00	-0.01
Total Products[3]	764.7	733.7	717.9	749.1	746.4	780.4	778.7	722.5	-0.35	0.06	0.61	-0.17
Total[4]	1541.3	1532.8	1526.7	1544.0	1552.3	1587.1	1623.4	1481.1	-0.34	0.03	0.76	0.03
OECD Europe												
Crude	325.1	327.3	325.9	320.1	329.1	360.2	354.5	333.5	0.16	0.12	-0.32	-0.05
Motor Gasoline	85.3	87.1	89.8	95.3	98.9	102.4	103.9	101.2	-0.02	-0.14	0.01	0.11
Middle Distillate	273.6	253.0	246.6	261.8	256.7	322.9	319.8	289.6	-0.03	-0.12	0.17	-0.13
Residual Fuel Oil	57.6	57.1	58.6	56.7	60.2	77.3	70.9	62.1	0.03	-0.01	-0.03	-0.01
Total Products[3]	534.6	514.5	511.3	529.7	530.5	602.5	602.0	573.2	0.03	-0.28	0.15	-0.05
Total[4]	935.7	920.7	916.7	929.3	939.5	1032.5	1026.4	984.8	0.25	-0.13	-0.24	-0.07
OECD Asia Oceania												
Crude	139.8	157.2	160.7	155.3	158.9	191.6	192.6	185.9	-0.31	0.01	-0.24	0.17
Motor Gasoline	24.0	26.3	25.0	24.1	24.5	25.4	25.5	24.0	0.01	0.00	0.00	0.00
Middle Distillate	77.7	73.9	78.1	73.2	64.4	64.5	69.0	62.9	-0.01	0.04	0.13	-0.05
Residual Fuel Oil	19.5	18.5	19.8	20.6	21.1	18.9	18.3	19.9	-0.01	0.03	-0.01	0.01
Total Products[3]	184.3	182.3	187.6	180.0	168.4	167.2	167.5	163.1	-0.04	0.04	0.22	-0.05
Total[4]	389.5	404.6	415.7	399.6	389.6	425.2	422.1	409.2	-0.38	0.11	0.02	0.11
Total OECD												
Crude	1037.2	1080.3	1097.1	1081.7	1102.0	1184.4	1214.6	1100.6	-0.11	-0.01	-0.56	0.48
Motor Gasoline	379.5	374.5	372.4	397.7	412.6	419.9	423.5	402.8	0.05	-0.20	0.05	0.20
Middle Distillate	567.5	523.1	518.5	552.3	542.2	626.0	632.2	570.2	-0.18	-0.24	0.58	-0.16
Residual Fuel Oil	112.2	110.5	113.5	111.4	116.9	146.6	134.8	119.6	0.08	-0.04	-0.04	-0.01
Total Products[3]	1483.6	1430.4	1416.8	1458.9	1445.3	1550.0	1548.2	1458.8	-0.36	-0.18	0.98	-0.27
Total[4]	2866.5	2858.0	2859.0	2872.9	2881.4	3044.8	3071.9	2875.1	-0.47	0.00	0.54	0.07

OECD GOVERNMENT-CONTROLLED STOCKS[5] AND QUARTERLY STOCK CHANGES

	RECENT MONTHLY STOCKS[2] in Million Barrels					PRIOR YEARS' STOCKS[2] in Million Barrels			STOCK CHANGES in mb/d			
	Sep2018	Oct2018	Nov2018	Dec2018	Jan2019*	Jan2016	Jan2017	Jan2018	1Q2018	2Q2018	3Q2018	4Q2018
OECD Americas												
Crude	660.0	654.8	649.6	649.1	649.1	695.1	695.1	664.2	0.03	-0.06	0.00	-0.12
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	209.1	210.2	209.2	208.2	206.1	206.8	205.8	205.0	0.02	0.01	0.01	-0.01
Products	269.4	265.6	264.6	266.3	269.3	265.9	274.9	274.8	0.04	-0.01	-0.04	-0.03
OECD Asia Oceania												
Crude	383.4	382.7	380.8	381.1	381.0	383.6	384.1	383.4	-0.01	0.00	0.00	-0.02
Products	38.7	38.7	38.7	38.8	38.8	34.2	37.4	38.7	0.00	0.00	0.00	0.00
Total OECD												
Crude	1252.5	1247.7	1239.6	1238.4	1236.2	1285.5	1285.0	1252.6	0.04	-0.05	0.01	-0.15
Products	310.2	306.3	305.3	307.1	310.1	302.1	314.2	315.5	0.04	-0.01	-0.04	-0.03
Total[4]	1565.2	1556.9	1547.7	1547.5	1549.4	1591.4	1602.1	1571.1	0.08	-0.06	-0.05	-0.19

* 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 STOCKS[1] ON LAND IN SELECTED COUNTRIES

(million barrels)

	August			September			October			November			December		
	2017	2018	%	2017	2018	%	2017	2018	%	2017	2018	%	2017	2018	%
United States[2]															
Crude	460.0	406.9	-11.5	469.6	416.1	-11.4	459.7	432.5	-5.9	453.1	448.6	-1.0	421.6	441.8	4.8
Motor gasoline	226.8	236.1	4.1	223.2	239.7	7.4	215.9	232.1	7.5	224.9	230.0	2.3	236.8	246.3	4.0
Middle distillate	190.0	175.7	-7.5	182.7	186.5	2.1	173.8	168.8	-2.9	176.3	168.3	-4.5	189.1	184.2	-2.6
Residual fuel oil	32.7	27.8	-15.0	33.6	28.6	-14.9	30.0	29.2	-2.7	29.8	29.8	0.0	29.4	28.3	-3.7
Other products	221.3	213.3	-3.6	217.8	222.1	2.0	216.1	220.7	2.1	206.4	209.6	1.6	191.4	197.5	3.2
Total products	670.8	652.9	-2.7	657.3	676.9	3.0	635.8	650.8	2.4	637.4	637.7	0.0	646.7	656.3	1.5
Other[3]	177.8	171.8	-3.4	177.3	178.6	0.7	176.8	177.9	0.6	171.7	174.5	1.6	163.4	164.4	0.6
Total	1308.6	1231.6	-5.9	1304.2	1271.6	-2.5	1272.3	1261.2	-0.9	1262.2	1260.8	-0.1	1231.7	1262.5	2.5
Japan															
Crude	102.0	97.0	-4.9	97.5	84.5	-13.3	100.4	98.8	-1.6	100.7	100.7	0.0	103.1	95.8	-7.1
Motor gasoline	10.5	9.9	-5.7	10.3	10.3	0.0	9.9	10.4	5.1	10.9	11.0	0.9	9.4	9.6	2.1
Middle distillate	35.1	34.2	-2.6	35.5	35.9	1.1	37.3	35.9	-3.8	34.7	39.3	13.3	31.3	34.7	10.9
Residual fuel oil	8.6	7.9	-8.1	8.1	8.1	0.0	8.4	8.1	-3.6	8.9	8.2	-7.9	7.8	8.6	10.3
Other products	42.4	35.0	-17.5	38.6	39.6	2.6	37.2	38.5	3.5	37.8	37.9	0.3	35.0	37.7	7.7
Total products	96.6	87.0	-9.9	92.5	93.9	1.5	92.8	92.9	0.1	92.3	96.4	4.4	83.5	90.6	8.5
Other[3]	55.6	56.6	1.8	53.4	56.5	5.8	54.0	55.3	2.4	52.8	57.0	8.0	49.0	54.7	11.6
Total	254.2	240.6	-5.4	243.4	234.9	-3.5	247.2	247.0	-0.1	245.8	254.1	3.4	235.6	241.1	2.3
Germany															
Crude	48.1	47.4	-1.5	45.9	46.5	1.3	45.0	48.1	6.9	47.5	45.9	-3.4	47.4	43.2	-8.9
Motor gasoline	9.4	10.0	6.4	8.9	9.8	10.1	9.5	9.7	2.1	8.9	9.8	10.1	10.3	11.3	9.7
Middle distillate	25.0	25.6	2.4	23.0	23.8	3.5	23.2	21.7	-6.5	20.4	22.4	9.8	25.9	25.8	-0.4
Residual fuel oil	7.3	7.6	4.1	8.0	7.2	-10.0	8.0	7.3	-8.8	7.7	8.0	3.9	7.7	7.9	2.6
Other products	10.5	10.8	2.9	10.5	10.7	1.9	10.7	9.8	-8.4	10.0	10.1	1.0	10.7	10.2	-4.7
Total products	52.2	54.0	3.4	50.4	51.5	2.2	51.4	48.5	-5.6	47.0	50.3	7.0	54.6	55.2	1.1
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	100.3	101.4	1.1	96.3	98.0	1.8	96.4	96.6	0.2	94.5	96.2	1.8	102.0	98.4	-3.5
Italy															
Crude	36.3	44.3	22.0	35.4	39.6	11.9	35.1	40.1	14.2	37.5	38.5	2.7	38.5	40.5	5.2
Motor gasoline	12.2	12.2	0.0	12.7	11.6	-8.7	12.5	13.0	4.0	12.7	12.8	0.8	13.3	12.6	-5.3
Middle distillate	35.3	28.6	-19.0	33.2	27.8	-16.3	30.2	27.1	-10.3	28.7	27.9	-2.8	28.8	27.7	-3.8
Residual fuel oil	9.7	9.5	-2.1	9.0	8.8	-2.2	9.3	8.4	-9.7	9.0	8.8	-2.2	9.1	8.6	-5.5
Other products	13.8	13.0	-5.8	13.5	12.4	-8.1	13.3	12.3	-7.5	12.9	11.9	-7.8	13.0	12.4	-4.6
Total products	71.0	63.3	-10.8	68.4	60.6	-11.4	65.3	60.8	-6.9	63.3	61.4	-3.0	64.2	61.3	-4.5
Other[3]	16.1	15.8	-1.9	16.3	15.3	-6.1	16.6	15.3	-7.8	16.5	14.8	-10.3	14.8	14.2	-4.1
Total	123.4	123.4	0.0	120.1	115.5	-3.8	117.0	116.2	-0.7	117.3	114.7	-2.2	117.5	116.0	-1.3
France															
Crude	11.1	11.0	-0.9	11.8	10.8	-8.5	10.8	12.9	19.4	10.5	11.3	7.6	11.3	8.9	-21.2
Motor gasoline	5.0	4.2	-16.0	3.7	4.7	27.0	4.5	3.6	-20.0	4.7	4.2	-10.6	4.5	4.5	0.0
Middle distillate	23.3	20.0	-14.2	19.2	19.6	2.1	19.6	16.5	-15.8	18.9	17.0	-10.1	20.1	20.9	4.0
Residual fuel oil	1.7	1.0	-41.2	1.4	1.2	-14.3	1.0	1.0	0.0	1.2	1.0	-16.7	1.2	0.8	-33.3
Other products	4.2	3.9	-7.1	3.9	4.2	7.7	4.0	4.0	0.0	3.9	4.6	17.9	4.9	4.4	-10.2
Total products	34.2	29.1	-14.9	28.2	29.7	5.3	29.1	25.1	-13.7	28.7	26.8	-6.6	30.7	30.6	-0.3
Other[3]	7.6	8.3	9.2	8.0	7.9	-1.3	7.9	7.9	0.0	7.6	7.5	-1.3	7.6	7.9	3.9
Total	52.9	48.4	-8.5	48.0	48.4	0.8	47.8	45.9	-4.0	46.8	45.6	-2.6	49.6	47.4	-4.4
United Kingdom															
Crude	31.0	30.5	-1.6	28.1	26.5	-5.7	29.0	26.0	-10.3	32.1	25.5	-20.6	29.3	24.7	-15.7
Motor gasoline	9.8	9.6	-2.0	9.7	9.6	-1.0	10.1	9.5	-5.9	9.6	9.5	-1.0	10.0	10.3	3.0
Middle distillate	25.2	25.5	1.2	24.5	25.2	2.9	24.7	23.8	-3.6	25.0	22.9	-8.4	25.4	24.4	-3.9
Residual fuel oil	1.2	1.5	25.0	1.3	1.3	0.0	1.6	1.3	-18.8	1.5	1.1	-26.7	1.4	1.3	-7.1
Other products	5.3	6.3	18.9	5.4	5.9	9.3	5.4	6.5	20.4	6.0	6.2	3.3	5.5	6.2	12.7
Total products	41.5	42.9	3.4	40.9	42.0	2.7	41.8	41.1	-1.7	42.1	39.7	-5.7	42.3	42.2	-0.2
Other[3]	8.0	7.8	-2.5	8.4	8.3	-1.2	8.6	8.1	-5.8	8.0	8.4	5.0	8.6	8.6	0.0
Total	80.5	81.2	0.9	77.4	76.8	-0.8	79.4	75.2	-5.3	82.2	73.6	-10.5	80.2	75.5	-5.9
Canada[4]															
Crude	114.7	126.0	9.9	112.6	120.6	7.1	111.8	120.5	7.8	118.0	118.9	0.8	122.6	120.5	-1.7
Motor gasoline	15.3	15.1	-1.3	15.3	16.5	7.8	17.1	16.4	-4.1	15.8	16.2	2.5	15.9	15.9	0.0
Middle distillate	16.6	18.4	10.8	17.2	18.3	6.4	16.6	17.3	4.2	16.0	16.8	5.0	18.2	18.9	3.8
Residual fuel oil	2.1	2.4	14.3	2.6	2.3	-11.5	2.3	2.1	-8.7	1.8	2.0	11.1	2.4	2.4	0.0
Other products	13.6	12.3	-9.6	14.0	12.5	-10.7	13.6	12.0	-11.8	12.0	12.9	7.5	11.6	12.8	10.3
Total products	47.6	48.2	1.3	49.1	49.6	1.0	49.6	47.8	-3.6	45.6	47.9	5.0	48.1	50.0	4.0
Other[3]	23.8	25.8	8.4	24.0	25.3	5.4	23.2	25.2	8.6	21.0	23.5	11.9	18.6	23.9	28.5
Total	186.1	200.0	7.5	185.7	195.5	5.3	184.6	193.5	4.8	184.6	190.3	3.1	189.3	194.4	2.7

1 Stocks are primary national territory stocks on land (excluding utilitity 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 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 COUNTRIES[1]
('millions of barrels' and 'days')

	End December 2017		End March 2018		End June 2018		End September 2018		End December 2018 [3]	
	Stock Level	Days Fwd[2] Demand	Stock Level	Days Fwd Demand	Stock Level	Days Fwd Demand	Stock Level	Days Fwd Demand	Stock Level	Days Fwd Demand
OECD Americas										
Canada	189.2	81	191.9	82	190.3	74	195.5	79	194.3	-
Chile	11.5	31	10.8	29	12.3	34	11.6	32	10.4	-
Mexico	43.8	22	47.3	23	39.1	20	40.6	22	54.7	-
United States[4]	1896.6	94	1863.8	92	1869.2	91	1933.6	94	1913.5	-
Total[4]	2163.2	86	2135.9	84	2133.1	83	2203.3	86	2195.1	85
OECD Asia Oceania										
Australia	34.2	29	40.3	33	42.4	35	42.6	35	40.7	-
Israel	-	-	-	-	-	-	-	-	-	-
Japan	562.8	132	538.6	157	549.4	155	561.2	144	564.8	-
Korea	230.6	88	213.0	84	209.6	84	200.0	82	205.8	-
New Zealand	7.6	42	8.0	50	8.4	50	7.8	43	8.1	-
Total	835.3	98	800.0	105	809.8	106	811.6	102	819.5	98
OECD Europe[5]										
Austria	21.4	84	23.0	83	21.2	74	20.2	73	20.9	-
Belgium	41.4	59	46.0	73	43.3	68	44.0	67	42.0	-
Czech Republic	21.5	108	22.7	104	21.4	97	21.5	99	22.8	-
Denmark	23.4	151	22.1	135	22.8	142	20.6	126	20.3	-
Estonia	3.0	113	2.5	81	2.6	89	2.6	91	2.9	-
Finland	41.1	186	41.0	190	40.8	183	40.0	186	39.9	-
France	165.7	97	166.0	98	168.5	97	164.6	98	160.1	-
Germany	278.8	118	279.9	121	278.2	119	273.0	119	271.3	-
Greece	32.4	116	33.3	115	32.1	99	34.4	113	32.1	-
Hungary	25.4	152	26.1	147	25.2	138	25.6	143	25.6	-
Ireland	11.0	68	11.4	73	10.0	65	9.9	60	10.2	-
Italy	125.1	100	125.8	99	125.4	97	124.5	99	125.1	-
Latvia	2.5	67	3.1	72	3.6	79	2.3	59	2.4	-
Luxembourg	0.6	10	0.6	9	0.4	7	0.5	8	0.5	-
Netherlands	142.5	154	147.8	159	142.4	151	143.8	158	139.2	-
Norway	23.3	92	27.2	126	26.4	99	24.1	112	26.7	-
Poland	71.8	113	75.0	111	75.7	105	74.1	108	76.8	-
Portugal	22.9	99	24.8	106	23.8	94	23.5	98	24.6	-
Slovak Republic	11.4	146	12.1	132	11.6	135	12.0	131	11.8	-
Slovenia	5.2	99	5.1	92	4.9	85	4.8	89	5.0	-
Spain	119.5	91	124.7	94	117.9	88	119.7	89	115.9	-
Sweden	35.6	127	38.7	115	37.7	119	34.5	107	35.8	-
Switzerland	33.9	159	33.1	158	33.6	159	33.0	142	30.8	-
Turkey	83.2	90	84.1	87	90.1	80	87.0	100	87.6	-
United Kingdom	80.1	51	79.0	49	83.4	52	76.8	48	75.4	-
Total	1422.6	101	1454.9	102	1443.1	98	1416.8	100	1405.8	101
Total OECD	**4421.0**	**92**	**4390.9**	**93**	**4386.0**	**91**	**4431.7**	**93**	**4420.3**	**92**
DAYS OF IEA Net Imports[6]	**-**	**187**	**-**	**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 December 2018 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	Industry	Total	Government[1] controlled	Industry
		Millions of Barrels			*Days of Fwd. Demand[2]*	
4Q2015	4577	1588	2989	98	34	64
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	2853	92	33	60
1Q2018	4391	1575	2816	93	33	60
2Q2018	4386	1570	2816	91	33	59
3Q2018	4432	1565	2866	93	33	60
4Q2018	4420	1547	2873	92	32	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 4Q2018 (when latest forecasts are used).

Table 6
IEA MEMBER COUNTRY DESTINATIONS OF SELECTED CRUDE STREAMS[1]
(million barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier change
Saudi Light & Extra Light												
Americas	0.69	0.59	0.66	0.54	0.79	0.64	0.65	0.74	0.59	0.62	0.52	0.10
Europe	0.79	0.69	0.69	0.58	0.70	0.76	0.72	0.71	0.66	0.79	0.49	0.30
Asia Oceania	1.40	1.56	1.45	1.50	1.42	1.36	1.50	1.57	1.42	1.51	1.61	-0.10
Saudi Medium												
Americas	0.44	0.33	0.30	0.20	0.28	0.37	0.33	0.35	0.31	0.34	0.28	0.06
Europe	0.01	0.01	0.01	0.02	0.01	0.01	0.01	-	-	0.04	0.02	0.02
Asia Oceania	0.41	0.37	0.41	0.40	0.42	0.41	0.39	0.46	0.39	0.34	0.57	-0.23
Canada Heavy												
Americas	2.04	2.23	2.41	2.33	2.48	2.39	2.43	2.39	2.49	2.39	2.38	0.01
Europe	0.01	0.02	0.04	0.03	0.04	0.05	0.02	0.02	-	0.04	0.01	0.03
Asia Oceania	-	-	0.00	0.00	0.00	-	0.01	-	0.01	0.01	-	-
Iraqi Basrah Light[2]												
Americas	0.42	0.63	0.50	0.66	0.63	0.41	0.32	0.45	0.32	0.19	0.74	-0.55
Europe	0.81	0.76	0.76	0.65	0.61	0.87	0.92	0.98	0.94	0.83	0.68	0.15
Asia Oceania	0.46	0.40	0.43	0.42	0.48	0.42	0.42	0.41	0.43	0.42	0.45	-0.02
Kuwait Blend												
Americas	0.14	0.11	0.02	0.03	0.04	-	-	-	-	-	0.09	-
Europe	0.19	0.20	0.13	0.13	0.08	0.17	0.13	0.09	0.16	0.14	0.18	-0.04
Asia Oceania	0.66	0.68	0.66	0.68	0.66	0.67	0.62	0.61	0.63	0.60	0.62	-0.02
Iranian Light												
Americas	-	-	-	-	-	-	-	-	-	-	-	-
Europe	0.21	0.27	0.16	0.24	0.26	0.13	0.03	0.06	-	0.02	0.22	-0.20
Asia Oceania	0.01	0.01	0.01	0.02	0.01	0.01	-	-	-	-	0.01	-
Iranian Heavy[3]												
Americas	-	-	-	-	-	-	-	-	-	-	-	-
Europe	0.21	0.52	0.35	0.42	0.44	0.41	0.11	0.32	0.01	0.00	0.40	-0.39
Asia Oceania	0.52	0.57	0.28	0.49	0.36	0.24	0.02	0.05	-	-	0.49	-
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	0.31	0.26	0.35	0.74	-0.39
Asia Oceania	0.05	0.10	0.09	0.09	0.09	0.07	0.10	0.12	0.07	0.10	0.20	-0.10
Kazakhstan												
Americas	0.01	-	-	-	-	-	-	-	-	-	-	-
Europe	0.70	0.75	0.75	0.84	0.73	0.70	0.71	0.59	0.76	0.78	0.82	-0.05
Asia Oceania	0.03	0.10	0.19	0.13	0.19	0.21	0.22	0.20	0.21	0.25	0.14	0.11
Venezuelan 22 API and heavier												
Americas	0.63	0.48	0.44	0.40	0.47	0.45	0.45	0.46	0.46	0.42	0.37	0.06
Europe	0.05	0.04	0.03	0.02	0.02	0.03	0.06	0.03	0.09	0.06	0.01	0.05
Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-
Mexican Maya												
Americas	0.53	0.58	0.63	0.64	0.63	0.75	0.50	0.53	0.69	0.29	0.62	-0.33
Europe	0.17	0.20	0.21	0.27	0.22	0.17	0.17	0.13	0.20	0.18	0.23	-0.05
Asia Oceania	0.05	0.07	0.08	0.06	0.10	0.08	0.09	0.12	0.09	0.06	0.10	-0.05
Russian Urals												
Americas	-	0.01	0.01	-	-	-	0.02	0.02	-	0.05	-	-
Europe	1.72	1.64	1.39	1.38	1.46	1.37	1.37	1.27	1.46	1.39	1.49	-0.10
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	0.07	-	-	0.14	-
Europe	0.27	0.11	0.14	0.14	0.11	0.22	0.08	0.06	0.10	0.09	0.12	-0.03
Pacific	0.01	0.01	0.01	-	0.00	-	0.03	0.03	0.05	-	-	-
Nigerian Light[4]												
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	0.58	0.68	0.60	0.39	0.21
Asia Oceania	0.01	0.02	0.02	0.02	0.03	0.01	0.02	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	0.79	0.56	0.60	0.69	-0.09
Asia Oceania	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.01	0.03	0.03	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	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier % change
Crude Oil												
Americas	4542	4361	3759	3827	4085	3905	3223	3241	3350	3081	3797	-19%
Europe	9253	9711	9529	9502	9433	9728	9452	9585	9101	9659	9544	1%
Asia Oceania	6659	6843	6704	6849	6571	6513	6884	6823	7137	6701	7282	-8%
Total OECD	20455	20916	19992	20178	20089	20146	19559	19649	19588	19441	20623	-6%
LPG												
Americas	20	20	22	33	14	17	24	21	15	35	22	62%
Europe	445	437	473	492	469	430	500	488	471	541	416	30%
Asia Oceania	567	549	555	595	567	503	555	544	568	555	558	-1%
Total OECD	1032	1006	1050	1120	1050	951	1080	1053	1055	1131	996	13%
Naphtha												
Americas	10	19	8	10	5	6	11	26	1	7	3	108%
Europe	348	369	371	411	371	346	358	456	394	225	415	-46%
Asia Oceania	908	981	1021	1031	958	1007	1088	1048	1109	1110	910	22%
Total OECD	1266	1369	1401	1453	1333	1360	1458	1529	1504	1341	1328	1%
Gasoline[3]												
Americas	735	727	773	559	1060	968	504	623	352	533	391	36%
Europe	100	162	103	155	67	85	104	107	106	99	256	-61%
Asia Oceania	87	102	108	123	123	92	96	119	82	86	83	4%
Total OECD	922	990	984	837	1250	1144	704	848	541	719	730	-2%
Jet & Kerosene												
Americas	169	171	140	131	136	178	115	106	132	107	158	-32%
Europe	504	506	510	426	538	601	475	496	613	320	459	-30%
Asia Oceania	73	77	85	112	60	53	117	90	127	135	85	60%
Total OECD	745	754	736	669	733	832	707	692	871	563	701	-20%
Gasoil/Diesel												
Americas	67	77	124	179	63	130	125	124	125	127	221	-43%
Europe	1340	1381	1379	1409	1381	1455	1272	1240	1228	1346	1422	-5%
Asia Oceania	196	194	255	214	256	232	319	314	343	302	160	89%
Total OECD	1602	1653	1759	1802	1700	1817	1717	1678	1696	1775	1803	-2%
Heavy Fuel Oil												
Americas	149	131	161	158	161	195	130	170	103	118	116	1%
Europe	477	240	232	239	227	249	211	172	237	224	188	20%
Asia Oceania	153	146	162	192	156	151	150	112	170	169	185	-9%
Total OECD	779	517	555	589	544	595	491	454	509	511	489	4%
Other Products												
Americas	652	717	679	722	658	699	637	711	636	564	759	-26%
Europe	774	1009	1036	1059	979	1126	980	876	1043	1021	999	2%
Asia Oceania	348	255	265	277	250	255	278	274	282	279	233	20%
Total OECD	1774	1981	1980	2057	1886	2080	1895	1861	1961	1864	1990	-6%
Total Products												
Americas	1802	1862	1908	1793	2095	2194	1547	1781	1364	1491	1670	-11%
Europe	3988	4104	4103	4190	4031	4293	3900	3835	4092	3777	4154	-9%
Asia Oceania	2331	2304	2452	2543	2371	2292	2604	2499	2681	2636	2213	19%
Total OECD	8121	8270	8463	8526	8497	8779	8052	8116	8137	7904	8037	-2%
Total Oil												
Americas	6344	6223	5666	5620	6180	6100	4770	5022	4714	4572	5467	-16%
Europe	13241	13815	13632	13693	13464	14021	13351	13420	13194	13436	13699	-2%
Asia Oceania	8991	9147	9156	9392	8942	8805	9489	9322	9818	9336	9495	-2%
Total OECD	28575	29186	28455	28704	28586	28925	27610	27765	27725	27345	28660	-5%

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	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier % change
Crude Oil												
Americas	4428	4235	3606	3705	3925	3749	3051	3146	3099	2908	3724	-22%
Europe	8867	9248	8756	8731	8599	8981	8711	8926	8362	8833	8849	0%
Asia Oceania	6429	6548	6256	6526	6222	6044	6239	6237	6615	5876	6748	-13%
Total OECD	19725	20030	18618	18963	18746	18773	18000	18309	18076	17618	19320	-9%
LPG												
Americas	16	16	15	20	11	14	16	18	6	24	15	56%
Europe	332	342	358	383	350	327	371	351	359	404	339	19%
Asia Oceania	342	204	160	215	175	110	142	88	198	142	204	-31%
Total OECD	690	561	533	619	535	450	529	456	563	570	559	2%
Naphtha												
Americas	5	16	4	7	1	2	8	22	0	1	0	#########
Europe	330	350	341	385	353	324	303	384	305	219	390	-44%
Asia Oceania	856	934	924	898	883	909	1005	987	1021	1008	835	21%
Total OECD	1190	1300	1270	1291	1237	1235	1315	1393	1326	1228	1225	0%
Gasoline[3]												
Americas	279	245	292	201	376	364	224	262	114	293	183	60%
Europe	98	157	98	149	63	82	100	105	99	96	254	-62%
Asia Oceania	86	102	85	97	80	77	86	119	56	83	83	0%
Total OECD	463	503	475	447	520	524	410	485	269	472	521	-9%
Jet & Kerosene												
Americas	72	67	56	78	60	49	37	35	49	28	92	-70%
Europe	411	438	463	395	491	530	434	424	576	306	365	-16%
Asia Oceania	73	77	85	112	60	53	117	90	127	135	85	60%
Total OECD	555	582	604	586	611	631	588	549	752	469	542	-13%
Gasoil/Diesel												
Americas	38	50	100	151	28	105	114	114	124	104	150	-31%
Europe	1025	1131	1214	1276	1224	1241	1115	1113	1104	1126	1233	-9%
Asia Oceania	194	193	255	214	256	232	319	314	343	302	160	89%
Total OECD	1257	1374	1569	1641	1508	1578	1548	1542	1571	1532	1544	-1%
Heavy Fuel Oil												
Americas	130	123	147	150	134	187	117	148	85	116	106	9%
Europe	453	225	218	232	222	233	186	157	199	203	174	17%
Asia Oceania	152	146	162	192	156	151	148	112	165	169	182	-7%
Total OECD	734	494	527	574	512	571	451	417	449	488	463	5%
Other Products												
Americas	526	542	522	556	511	541	481	558	502	383	569	-33%
Europe	508	729	746	710	701	881	690	539	822	713	684	4%
Asia Oceania	267	178	184	197	173	177	190	190	195	186	154	21%
Total OECD	1301	1449	1452	1462	1385	1599	1361	1287	1520	1282	1406	-9%
Total Products												
Americas	1065	1058	1136	1163	1121	1263	996	1156	880	949	1117	-15%
Europe	3155	3371	3437	3530	3404	3618	3199	3074	3465	3067	3439	-11%
Asia Oceania	1970	1833	1856	1925	1783	1708	2008	1898	2105	2024	1703	19%
Total OECD	6191	6263	6429	6618	6308	6589	6204	6128	6450	6040	6259	-3%
Total Oil												
Americas	5494	5293	4742	4868	5047	5011	4047	4302	3979	3857	4840	-20%
Europe	12022	12619	12193	12262	12003	12599	11910	12000	11827	11901	12288	-3%
Asia Oceania	8399	8381	8112	8451	8004	7752	8247	8136	8720	7901	8450	-7%
Total OECD	25915	26292	25047	25581	25054	25362	24204	24437	24526	23658	25579	-8%

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)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier % change
Crude Oil												
Americas	114	126	153	122	160	157	172	95	250	173	73	136%
Europe	386	464	773	771	834	747	741	659	740	825	695	19%
Asia Oceania	230	296	448	323	350	469	645	586	522	824	534	54%
Total OECD	730	886	1373	1215	1344	1373	1559	1339	1512	1823	1303	40%
LPG												
Americas	4	4	7	13	2	4	8	3	10	11	6	76%
Europe	112	95	115	109	120	104	129	137	112	137	77	77%
Asia Oceania	225	346	395	379	393	393	414	456	370	413	354	17%
Total OECD	342	445	517	501	515	500	551	597	492	561	437	28%
Naphtha												
Americas	5	3	4	3	4	5	4	4	1	6	3	75%
Europe	19	19	30	26	18	22	55	71	89	6	24	-75%
Asia Oceania	52	47	97	133	75	98	83	61	87	102	75	35%
Total OECD	77	69	131	162	97	125	142	136	177	114	103	10%
Gasoline[3]												
Americas	457	482	482	359	684	603	280	361	239	240	208	16%
Europe	2	5	4	6	4	3	4	2	7	4	1	160%
Asia Oceania	0	0	23	26	43	14	10	0	26	3	0	na
Total OECD	459	487	509	390	730	621	294	363	271	247	209	18%
Jet & Kerosene												
Americas	97	104	84	52	76	130	78	72	83	80	65	22%
Europe	93	68	47	31	46	71	41	72	37	14	94	-85%
Asia Oceania	0	0	0	0	0	0	0	0	0	0	0	na
Total OECD	190	172	131	83	122	201	119	143	120	94	159	-41%
Gasoil/Diesel												
Americas	28	28	25	28	35	24	12	10	1	23	70	-67%
Europe	315	250	166	133	157	214	157	126	124	221	189	17%
Asia Oceania	2	1	0	0	0	0	0	0	0	0	0	na
Total OECD	345	279	190	161	192	239	169	136	125	243	259	-6%
Heavy Fuel Oil												
Americas	19	8	14	8	27	8	14	22	17	2	10	-83%
Europe	25	15	13	7	5	16	24	15	38	21	14	55%
Asia Oceania	1	0	0	0	0	0	2	0	6	0	3	-100%
Total OECD	45	23	28	15	32	24	40	37	60	23	26	-13%
Other Products												
Americas	126	174	157	167	147	158	156	153	134	181	190	-5%
Europe	266	280	290	349	278	245	290	338	221	308	315	-2%
Asia Oceania	81	77	81	80	77	79	88	84	86	93	79	18%
Total OECD	473	532	528	595	501	482	534	575	441	582	584	0%
Total Products												
Americas	736	804	772	630	974	932	551	625	485	542	553	-2%
Europe	833	733	666	660	627	675	700	762	627	710	715	-1%
Asia Oceania	361	471	596	618	588	584	596	601	576	611	511	20%
Total OECD	1930	2007	2034	1908	2188	2191	1848	1988	1687	1864	1779	5%
Total Oil												
Americas	850	930	925	752	1133	1088	724	720	735	716	626	14%
Europe	1219	1197	1439	1431	1461	1422	1442	1420	1367	1535	1410	9%
Asia Oceania	591	766	1044	940	937	1053	1242	1187	1098	1436	1044	37%
Total OECD	2660	2893	3407	3123	3532	3563	3407	3327	3199	3687	3081	20%

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 SOURCE[1]
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier change
OECD Americas												
Venezuela	741	618	506	444	534	538	506	506	511	501	437	64
Other Central & South America	1023	928	795	897	841	791	655	668	624	673	887	-214
North Sea	109	124	150	119	157	151	172	95	250	173	73	100
Other OECD Europe	1	-	1	2	2	-	-	-	-	-	-	-
Non-OECD Europe	7	-	-	-	-	-	-	-	-	-	-	-
Former Soviet Union	75	121	145	91	179	217	94	81	65	134	118	17
Saudi Arabia	1185	1043	983	797	1008	1084	1037	1080	1097	935	812	124
Kuwait	209	144	78	133	82	60	38	-	101	16	78	-62
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	418	605	519	677	613	459	331	377	392	225	605	-380
Oman	30	14	-	-	-	-	-	-	-	-	53	-
United Arab Emirates	11	20	5	-	11	10	-	-	-	-	28	-
Other Middle East	-	2	-	-	-	-	-	-	-	-	-	-
West Africa[2]	451	497	317	383	433	232	222	263	203	199	464	-264
Other Africa	223	214	196	218	172	260	134	139	34	225	173	52
Asia	46	26	61	53	52	103	34	33	72	-	71	-
Other	13	4	3	12	-	-	-	-	-	-	-	-
Total	4542	4361	3759	3827	4085	3905	3223	3241	3350	3081	3797	-716
of which Non-OECD	4428	4235	3606	3705	3925	3749	3051	3146	3099	2908	3724	-816
OECD Europe												
Canada	32	45	91	119	91	104	49	75	1	70	41	29
Mexico + USA	354	419	682	651	744	642	692	584	739	755	655	100
Venezuela	74	67	57	43	39	55	92	64	101	112	23	89
Other Central & South America	170	160	130	133	110	141	137	165	128	118	38	80
Non-OECD Europe	11	9	12	13	14	9	11	15	9	9	13	-3
Former Soviet Union	4248	4259	3921	4045	4021	3780	3842	3575	4029	3927	4375	-447
Saudi Arabia	855	738	808	688	740	900	900	976	834	887	540	347
Kuwait	194	201	123	130	81	106	175	131	192	203	145	58
Iran	436	801	521	655	715	585	132	360	6	25	667	-642
Iraq	1000	995	919	813	735	1070	1054	986	1092	1086	858	228
Oman	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	12	6	2	-	-	-	10	-	29	-	-	-
Other Middle East	12	1	-	-	-	-	-	-	-	-	-	-
West Africa[2]	1095	960	1112	1056	1044	1228	1117	1169	1151	1032	915	116
Other Africa	738	1045	1151	1157	1118	1122	1205	1338	1145	1131	1246	-115
Asia	-	-	-	-	-	-	-	-	-	-	-	-
Other	21	5	1	-2	-17	-15	36	146	-354	304	30	274
Total	9253	9711	9529	9502	9433	9728	9452	9585	9101	9659	9544	114
of which Non-OECD	8867	9248	8756	8731	8599	8981	8711	8926	8362	8833	8849	-16
OECD Asia Oceania												
Canada	-	-	3	3	3	-	7	-	12	8	-	-
Mexico + USA	179	199	344	221	247	384	522	461	405	695	310	386
Venezuela	3	8	-	-	-	-	-	-	-	-	-	-
Other Central & South America	27	35	35	38	25	35	42	41	83	4	33	-29
North Sea	51	97	100	98	99	85	117	125	105	121	224	-104
Other OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-
Non-OECD Europe	-	-	-	-	-	-	-	-	-	-	-	-
Former Soviet Union	341	413	436	412	424	445	463	469	514	407	380	26
Saudi Arabia	2078	2163	2042	2148	1994	1879	2148	2253	2127	2064	2371	-306
Kuwait	661	671	672	668	654	695	671	666	700	646	623	23
Iran	469	543	274	484	362	244	11	33	-	-	485	-
Iraq	456	402	435	423	477	416	422	414	430	423	446	-23
Oman	86	41	56	39	72	68	43	82	35	12	-	-
United Arab Emirates	1154	1148	1092	1123	987	1148	1110	1070	1259	1005	1251	-246
Other Middle East	475	391	450	483	399	464	454	419	465	478	480	-3
West Africa[2]	74	66	95	56	148	76	99	138	122	39	48	-9
Other Africa	62	92	105	127	73	99	122	115	141	111	76	35
Non-OECD Asia	340	324	320	341	323	296	321	314	368	282	361	-79
Other	205	250	245	183	283	180	333	223	372	406	193	212
Total	6659	6843	6704	6849	6571	6513	6884	6823	7137	6701	7282	-581
of which Non-OECD	6429	6548	6256	6526	6222	6044	6239	6237	6615	5876	6748	-871
Total OECD Trade	**20455**	**20916**	**19992**	**20178**	**20089**	**20146**	**19559**	**19649**	**19588**	**19441**	**20623**	**-1183**
of which Non-OECD	**19725**	**20030**	**18618**	**18963**	**18746**	**18773**	**18000**	**18309**	**18076**	**17618**	**19320**	**-1703**

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 Guniea, Congo and Democratic Republic of Congo.

Table 9
REGIONAL OECD GASOLINE IMPORTS BY SOURCE[1]
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier change
OECD Americas												
Venezuela	15	18	23	25	20	26	23	17	22	30	13	17
Other Central & South America	69	42	64	62	54	83	58	61	35	77	51	26
ARA (Belgium Germany Netherlands)	155	178	167	143	235	200	91	117	76	80	52	29
Other Europe	296	294	302	209	411	400	189	244	163	160	156	4
FSU	90	84	80	73	108	86	52	84	31	41	78	-37
Saudi Arabia	-	1	11	-	-	14	28	19	-	64	-	-
Algeria	1	-	1	-	4	1	-	-	-	-	-	-
Other Middle East & Africa	32	24	19	19	23	22	12	17	5	13	16	-2
Singapore	6	10	8	-	14	16	4	11	-	-	-	-
OECD Asia Oceania	6	10	13	6	38	7	-	-	-	-	-	-
Non-OECD Asia (excl. Singapore)	64	63	84	21	153	114	48	54	21	67	26	41
Other	3	3	0	1	-	-	0	-	-	1	-	-
Total[2]	736	727	773	559	1060	968	504	623	352	533	391	142
of which Non-OECD	279	245	292	201	376	364	224	262	114	293	183	110
OECD Europe												
OECD Americas	1	4	3	3	2	3	4	2	7	4	-	-
Venezuela	0	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	1	3	1	2	2	-	1	1	1	-	5	-
Non-OECD Europe	15	15	12	12	11	17	9	17	3	5	20	-15
FSU	82	87	76	119	86	70	30	42	29	19	144	-125
Saudi Arabia	0	0	1	-	3	0	0	-	-	1	-	-
Algeria	1	1	2	7	0	-	-	-	-	-	2	-
Other Middle East & Africa	2	5	3	4	3	2	3	4	2	2	11	-9
Singapore	1	2	2	3	2	2	2	2	2	3	2	1
OECD Asia Oceania	1	1	1	3	1	0	-	-	-	-	1	-
Non-OECD Asia (excl. Singapore)	1	3	2	4	0	0	6	-	-	16	-	-
Other	-3	41	1	-2	-35	-9	50	39	61	49	70	-21
Total[2]	103	162	105	155	76	85	104	107	106	99	256	-156
of which Non-OECD	98	157	98	149	63	82	100	105	99	96	254	-158
OECD Asia Oceania												
OECD Americas	0	-	4	4	6	5	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central & South America	-	0	-	-	-	-	-	-	-	-	-	-
ARA (Belgium Germany Netherlands)	-	-	13	14	18	9	10	-	26	3	-	-
Other Europe	-	-	7	8	20	-	-	-	-	-	-	-
FSU	-	-	1	-	6	-	-	-	-	-	-	-
Saudi Arabia	0	0	1	-	-	-	2	-	-	6	0	6
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East & Africa	-	5	1	-	-	5	-	-	-	-	-	-
Singapore	44	50	46	58	48	36	40	62	29	30	32	-2
Non-OECD Asia (excl. Singapore)	27	30	19	23	14	20	21	41	12	9	35	-27
Other	16	16	18	16	16	16	23	15	16	38	15	23
Total[2]	87	102	109	123	127	92	96	119	82	86	83	3
of which Non-OECD	86	102	85	97	80	77	86	119	56	83	83	0
Total OECD Trade[2]	**926**	**990**	**987**	**837**	**1263**	**1144**	**704**	**848**	**541**	**719**	**730**	**-11**
of which Non-OECD	**463**	**503**	**475**	**447**	**520**	**524**	**410**	**485**	**269**	**472**	**521**	**-49**

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 SOURCE[1]
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier change
OECD Americas												
Venezuela	0	2	4	1	-	8	7	-	13	9	15	-5
Other Central and South America	10	13	30	34	15	25	46	32	49	58	30	28
ARA (Belgium Germany Netherlands)	3	7	6	14	5	4	-	-	-	-	36	-
Other Europe	7	3	3	4	9	-	-	-	-	-	0	-
FSU	15	6	16	22	6	31	7	8	-	12	27	-15
Saudi Arabia	1	2	17	25	0	20	24	47	-	25	24	1
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	3	4	8	19	-	10	4	-	12	-	16	-
Singapore	1	0	1	-	1	-	3	-	10	-	-	-
OECD Asia Oceania	18	18	15	10	20	21	12	10	1	23	34	-11
Non-OECD Asia (excl. Singapore)	9	22	23	50	7	11	22	27	40	-	39	-
Other	0	0	-	-	-	-	-	-	-	-	-	-
Total[2]	67	77	124	179	63	130	125	124	125	127	221	-94
of which Non-OECD	38	50	100	151	28	105	114	114	124	104	150	-47
OECD Europe												
OECD Americas	276	222	142	101	133	199	134	103	105	193	159	34
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	3	3	4	8	6	1	1	3	-	-	-	-
Non-OECD Europe	48	48	39	40	30	44	41	54	42	29	37	-8
FSU	643	725	698	811	721	616	646	627	646	666	691	-25
Saudi Arabia	130	160	226	231	262	189	223	180	289	202	203	-1
Algeria	1	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	70	72	87	53	77	87	130	144	149	98	100	-2
Singapore	20	15	18	20	17	19	16	23	8	16	22	-5
OECD Asia Oceania	40	28	24	32	24	16	23	23	18	28	31	-3
Non-OECD Asia (excl. Singapore)	172	125	143	142	136	171	125	102	100	171	171	0
Other	-18	21	17	4	-1	123	-58	-6	-120	-49	14	-63
Total[2]	1385	1420	1398	1442	1405	1464	1282	1253	1238	1355	1427	-72
of which Non-OECD	1025	1131	1214	1276	1224	1241	1115	1113	1104	1126	1233	-107
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	5	4	6	5	0
Saudi Arabia	1	-	3	3	-	-	9	25	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	2	1	8	-	-	1	32	45	41	10	6	4
Singapore	86	86	141	132	160	101	170	149	201	162	61	101
Non-OECD Asia (excl. Singapore)	95	96	91	68	86	120	88	84	89	90	83	8
Other	6	6	8	6	6	6	16	6	8	35	6	29
Total[2]	196	194	255	214	256	232	319	314	343	302	160	142
of which Non-OECD	194	193	255	214	256	232	319	314	343	302	160	142
Total OECD Trade[2]	**1647**	**1692**	**1778**	**1834**	**1724**	**1826**	**1727**	**1691**	**1706**	**1784**	**1808**	**-24**
of which Non-OECD	**1257**	**1374**	**1569**	**1641**	**1508**	**1578**	**1548**	**1542**	**1571**	**1532**	**1544**	**-12**

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 SOURCE[1]
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier change
OECD Americas												
Venezuela	11	16	6	12	11	2	1	-	-	2	25	-23
Other Central and South America	0	1	2	-	0	1	7	2	11	9	4	5
ARA (Belgium Germany Netherlands)	0	-	0	0	-	1	-	-	-	-	-	-
Other Europe	-	0	0	1	-	-	-	-	-	-	-	-
FSU	0	1	0	-	0	-	-	-	-	-	-	-
Saudi Arabia	1	2	1	4	0	-	2	-	3	2	-	-
Algeria	-	0	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	1	3	2	7	1	1	0	1	-	0	-	-
Singapore	0	2	6	1	11	5	8	13	11	-	2	-
OECD Asia Oceania	97	104	84	51	76	129	78	72	83	80	65	15
Non-OECD Asia (excl. Singapore)	55	30	27	48	22	28	9	19	8	-	54	-
Other	3	13	11	7	15	12	11	-	17	15	8	7
Total[2]	169	171	140	131	136	178	115	106	132	107	158	-50
of which Non-OECD	72	67	56	78	60	49	37	35	49	28	92	-65
OECD Europe												
OECD Americas	38	20	31	21	46	29	29	38	35	14	6	8
Venezuela	6	5	5	1	5	5	7	21	-	-	-	-
Other Central and South America	1	2	2	3	1	2	2	2	3	-	2	-
Non-OECD Europe	4	3	6	-	-	17	6	8	9	-	6	-
FSU	42	32	40	36	32	55	36	35	33	39	40	-2
Saudi Arabia	112	94	101	64	122	108	111	114	116	102	103	-1
Algeria	14	12	9	11	9	8	8	8	9	8	17	-8
Other Middle East and Africa	178	207	208	208	222	238	166	203	138	156	186	-29
Singapore	14	28	17	18	14	21	16	5	29	13	48	-34
OECD Asia Oceania	55	48	16	10	-	42	12	34	2	-	88	-
Non-OECD Asia (excl. Singapore)	51	53	75	61	73	81	84	33	204	20	23	-3
Other	-7	1	0	-7	14	-5	-1	-5	35	-33	-59	26
Total[2]	508	506	511	426	539	601	475	496	613	320	459	-139
of which Non-OECD	411	438	463	395	491	530	434	424	576	306	365	-58
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	8	8	-	-	-
Singapore	24	23	27	30	23	36	17	17	15	20	40	-19
Non-OECD Asia (excl. Singapore)	36	34	26	33	22	6	42	36	15	74	20	54
Other	13	19	31	46	14	10	53	29	89	41	25	16
Total[2]	73	77	85	112	60	53	117	90	127	135	85	51
of which Non-OECD	73	77	85	112	60	53	117	90	127	135	85	51
Total OECD Trade[2]	**749**	**754**	**736**	**669**	**734**	**832**	**707**	**692**	**871**	**563**	**701**	**-138**
of which Non-OECD	**555**	**582**	**604**	**586**	**611**	**631**	**588**	**549**	**752**	**469**	**542**	**-72**

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 SOURCE[1]
(thousand barrels per day)

	2016	2017	2018	1Q18	2Q18	3Q18	4Q18	Oct 18	Nov 18	Dec 18	Year Earlier Dec 17	Year Earlier change
OECD Americas												
Venezuela	17	16	42	31	46	65	27	32	11	37	17	20
Other Central and South America	49	71	72	87	58	80	63	86	44	58	46	12
ARA (Belgium Germany Netherlands)	12	5	7	4	11	3	12	22	11	2	10	-8
Other Europe	7	3	7	4	15	6	2	-	6	-	-	-
FSU	49	24	23	19	28	31	15	22	11	12	27	-14
Saudi Arabia	0	-	-	-	-	-	-	-	-	-	-	-
Algeria	4	1	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	10	9	7	3	2	12	11	5	19	9	17	-8
Singapore	1	3	-	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	-	-	-	-	-	-	-	-	-	-	-	-
Non-OECD Asia (excl. Singapore)	-	1	0	-	-	-	1	2	-	-	-	-
Other	0	0	2	9	0	0	-	-	-	-	-	-
Total[2]	149	131	161	158	161	195	130	170	103	118	116	1
of which Non-OECD	130	123	147	150	134	187	117	148	85	116	106	9
OECD Europe												
OECD Americas	15	6	5	-	1	8	12	7	22	8	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	5	2	3	6	5	-	-	-	-	-	4	-
Non-OECD Europe	15	17	16	17	18	17	12	14	15	9	17	-8
FSU	447	193	191	184	186	192	201	200	235	171	146	25
Saudi Arabia	-	0	1	3	-	-	-	-	-	-	-	-
Algeria	3	1	1	-	2	2	-	-	-	-	-	-
Other Middle East and Africa	16	23	16	15	16	17	16	17	12	20	40	-20
Singapore	0	-	-	-	-	-	-	-	-	-	-	-
OECD Asia Oceania	10	9	8	7	5	8	12	8	16	13	14	0
Non-OECD Asia (excl. Singapore)	0	1	0	-	-	-	0	-	-	1	-	-
Other	-18	-8	-8	8	-2	6	-44	-73	-62	3	-31	34
Total[2]	495	244	233	240	229	250	211	172	237	224	188	36
of which Non-OECD	453	225	218	232	222	233	186	157	199	203	174	29
OECD Asia Oceania												
OECD Americas	-	0	0	-	-	-	2	-	6	-	3	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Other Central and South America	-	-	-	-	-	-	-	-	-	-	-	-
ARA (Belgium Germany Netherlands)	-	-	-	-	-	-	-	-	-	-	-	-
Other Europe	1	-	-	-	-	-	-	-	-	-	-	-
FSU	4	9	16	10	11	24	19	11	32	14	20	-6
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	1	-	-	-	-	-	-	-	-	-	-
Other Middle East and Africa	5	18	23	23	30	23	16	-	5	43	32	10
Singapore	73	58	37	68	29	29	24	22	13	37	72	-35
Non-OECD Asia (excl. Singapore)	69	59	85	91	86	75	89	78	113	76	58	18
Other	1	0	0	-	-	0	1	1	1	-	-	-
Total[2]	153	146	162	192	156	151	150	112	170	169	185	-16
of which Non-OECD	152	146	162	192	156	151	148	112	165	169	182	-13
Total OECD Trade[2]	**796**	**521**	**556**	**590**	**546**	**596**	**491**	**454**	**510**	**511**	**490**	**21**
of which Non-OECD	**734**	**494**	**527**	**574**	**512**	**571**	**451**	**417**	**449**	**488**	**463**	**25**

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
February 2019

	NATIONAL CURRENCY *						US DOLLARS					
	Total	% change from		Ex-Tax	% change from		Total	% change from		Ex-Tax	% change from	
	Price	Jan-19	Feb-18	Price	Jan-19	Feb-18	Price	Jan-19	Feb-18	Price	Jan-19	Feb-18
GASOLINE [1] (per litre)												
France	1.442	1.3	- 1.8	0.511	3.2	-3.9	1.636	0.7	-9.7	0.580	2.6	-11.7
Germany	1.336	- 0.4	- 1.2	0.468	-1.3	-2.7	1.516	-1.1	-9.2	0.531	-1.9	-10.5
Italy	1.514	1.7	- 2.9	0.513	4.3	-6.9	1.718	1.1	-10.8	0.582	3.6	-14.4
Spain	1.237	2.8	- 0.2	0.549	5.4	-2.5	1.403	2.2	-8.2	0.623	4.7	-10.4
United Kingdom	1.192	- 0.3	- 1.5	0.413	-1.0	-3.5	1.551	0.6	-8.1	0.538	-0.0	-10.0
Japan	143.3	0.2	- 1.0	76.1	0.4	-1.7	1.299	-0.9	-3.1	0.690	-0.7	-3.8
Canada	1.097	2.6	- 10.9	0.708	4.0	-15.2	0.831	3.5	-15.1	0.536	4.8	-19.2
United States	0.610	2.7	- 10.8	0.486	3.4	-13.4	0.610	2.7	-10.8	0.486	3.4	-13.4
AUTOMOTIVE DIESEL FOR NON COMMERCIAL USE (per litre)												
France	1.430	2.3	3.7	0.583	4.9	8.2	1.622	1.6	-4.7	0.661	4.2	-0.6
Germany	1.247	1.1	5.9	0.578	2.1	11.4	1.415	0.5	-2.6	0.656	1.5	2.4
Italy	1.459	1.9	1.7	0.579	3.9	3.8	1.655	1.2	-6.5	0.657	3.3	-4.6
Spain	1.199	3.7	4.7	0.612	6.3	5.7	1.360	3.1	-3.7	0.694	5.6	-2.8
United Kingdom	1.294	-	4.0	0.498	-0.2	9.0	1.684	1.0	-3.0	0.648	0.8	1.6
Japan	124.4	0.2	1.2	82.7	0.4	1.7	1.128	-0.9	-1.0	0.750	-0.7	-0.5
Canada	1.185	1.1	- 5.4	0.877	1.5	-6.8	0.897	1.9	-9.9	0.664	2.3	-11.2
United States	0.792	0.6	- 1.6	0.648	0.8	-2.3	0.792	0.6	-1.6	0.648	0.8	-2.3
DOMESTIC HEATING OIL (per litre)												
France	0.932	4.0	9.2	0.621	5.0	11.7	1.058	3.3	0.3	0.704	4.4	2.7
Germany	0.706	0.1	11.1	0.532	0.1	12.5	0.801	-0.5	2.1	0.603	-0.5	3.5
Italy	1.292	1.2	7.2	0.656	2.0	12.2	1.466	0.6	-1.4	0.744	1.4	3.2
Spain	0.754	5.2	7.9	0.526	6.3	7.8	0.855	4.6	-0.8	0.597	5.6	-0.9
United Kingdom	0.588	3.5	12.1	0.448	4.5	15.6	0.765	4.5	4.6	0.583	5.5	7.8
Japan [2]	88.8	- 0.2	1.5	79.4	-0.2	1.6	0.805	-1.3	-0.7	0.720	-1.3	-0.6
Canada	1.120	0.8	- 0.8	1.006	0.8	-0.8	0.848	1.6	-5.5	0.761	1.7	-5.5
United States	-	-	-	-	-	-	-	-	-	-	-	-
LOW SULPHUR FUEL OIL FOR INDUSTRY [3] (per kg)												
France	0.566	6.5	11.3	0.426	8.8	15.5	0.642	5.8	2.3	0.484	8.1	6.2
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Italy	0.474	6.8	20.4	0.443	7.4	22.2	0.538	6.2	10.7	0.503	6.7	12.3
Spain	0.402	- 0.2	6.3	0.385	-0.2	6.4	0.456	-0.8	-2.3	0.437	-0.8	-2.1
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 Margins[1]
($/bbl)

	Monthly Average					Change	Average for week ending:				
	Nov 18	Dec 18	Jan 19	Feb 19		Feb 19-Jan 19	08 Feb	15 Feb	22 Feb	01 Mar	08 Mar
NW Europe											
Brent (Cracking)	6.03	3.30	2.80	3.12	↑	0.32	2.72	3.18	2.78	4.41	5.24
Urals (Cracking)	6.71	4.13	3.03	3.84	↑	0.81	3.55	3.72	3.29	5.60	6.43
Brent (Hydroskimming)	3.87	1.02	0.86	1.38	↑	0.53	1.22	1.52	0.84	2.53	3.26
Urals (Hydroskimming)	3.80	1.09	0.17	1.32	↑	1.15	1.19	1.23	0.60	3.10	3.97
Mediterranean											
Es Sider (Cracking)	9.38	6.53	5.98	6.55	↑	0.57	6.14	6.73	6.19	7.67	8.70
Urals (Cracking)	8.88	5.93	4.58	6.03	↑	1.44	5.49	6.13	5.49	7.83	8.63
Es Sider (Hydroskimming)	6.30	3.51	3.37	4.24	↑	0.87	4.10	4.55	3.83	4.89	5.75
Urals (Hydroskimming)	4.27	1.19	0.12	2.06	↑	1.94	1.70	2.22	1.45	3.71	4.54
US Gulf Coast											
50/50 HLS/LLS (Cracking)	5.24	4.83	3.70	5.43	↑	1.73	4.65	5.14	6.06	6.80	8.59
Mars (Cracking)	2.43	2.05	0.39	1.78	↑	1.39	0.97	1.55	2.42	2.99	4.02
ASCI (Cracking)	2.34	1.87	0.41	1.90	↑	1.49	0.99	1.72	2.73	3.07	3.99
50/50 HLS/LLS (Coking)	5.93	5.68	4.44	5.85	↑	1.41	4.98	5.45	6.53	7.31	9.25
50/50 Maya/Mars (Coking)	1.46	2.68	1.08	1.61	↑	0.53	1.14	1.12	1.75	3.02	4.55
ASCI (Coking)	5.34	4.70	2.86	3.35	↑	0.49	2.47	2.85	4.03	4.82	6.03
US Midcon											
WTI (Cracking)	12.32	7.93	6.06	12.87	↑	6.81	11.82	13.01	13.60	14.01	15.10
30/70 WCS/Bakken (Cracking)	30.00	10.53	5.72	12.71	↑	6.99	11.08	13.09	13.94	13.71	14.74
Bakken (Cracking)	26.92	9.02	5.50	12.44	↑	6.94	11.34	12.58	13.14	13.57	15.18
WTI (Coking)	13.22	8.58	6.39	13.43	↑	7.04	12.32	13.46	14.20	14.67	15.84
30/70 WCS/Bakken (Coking)	32.09	11.70	6.14	13.56	↑	7.42	11.98	13.68	14.67	14.83	15.95
Bakken (Coking)	27.08	9.12	5.42	12.43	↑	7.01	11.31	12.51	13.14	13.61	15.28
Singapore											
Dubai (Hydroskimming)	2.74	0.40	0.50	0.62	↑	0.12	0.97	0.83	0.19	0.74	1.50
Tapis (Hydroskimming)	3.99	0.84	-0.04	0.74	↑	0.77	0.75	0.41	0.36	2.59	3.26
Dubai (Hydrocracking)	4.31	2.24	2.42	2.50	↑	0.08	2.47	2.43	2.22	3.07	3.60
Tapis (Hydrocracking)	5.17	2.14	1.05	1.72	↑	0.66	1.48	1.21	1.46	3.84	4.45

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]

	Oct-18	Nov-18	Dec-18	Dec-17	Dec 18 vs Previous Month	Dec 18 vs Previous Year	Dec 18 vs 5 Year Average	5 Year Average
OECD Americas								
Naphtha	1.6	1.5	1.5	1.5	-0.1	-0.1	-0.3	1.8
Motor gasoline	47.2	47.3	47.4	47.9	0.1	-0.6	-1.0	48.4
Jet fuel	9.2	9.3	9.5	9.1	0.2	0.4	0.7	8.8
Other kerosene	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.2
Gasoil/diesel oil	28.3	28.7	29.0	28.6	0.3	0.4	0.1	28.9
Residual fuel oil	3.2	3.4	3.4	3.2	0.0	0.2	-0.1	3.5
Petroleum coke	4.5	4.5	4.6	4.5	0.1	0.1	-0.1	4.6
Other products	10.5	10.0	9.4	9.4	-0.6	0.0	-0.5	9.9
OECD Europe								
Naphtha	8.1	8.0	8.1	8.5	0.1	-0.3	0.2	7.9
Motor gasoline	21.2	21.3	21.2	21.1	-0.1	0.1	-0.4	21.6
Jet fuel	9.4	8.6	8.7	8.1	0.1	0.7	1.1	7.6
Other kerosene	2.3	2.3	2.4	2.3	0.1	0.1	0.2	2.2
Gasoil/diesel oil	38.3	39.7	40.2	40.3	0.4	-0.1	-0.8	41.0
Residual fuel oil	9.7	9.8	10.0	10.1	0.2	-0.1	0.1	9.9
Petroleum coke	1.2	1.3	1.3	1.3	0.0	0.0	0.0	1.3
Other products	14.6	13.8	13.2	13.1	-0.7	0.1	0.2	13.0
OECD Asia Oceania								
Naphtha	16.4	15.9	15.7	15.1	-0.2	0.6	1.4	14.3
Motor gasoline	22.1	21.8	21.6	21.6	-0.2	0.0	-0.7	22.3
Jet fuel	15.2	15.2	15.1	15.8	0.0	-0.6	-0.5	15.7
Other kerosene	4.1	4.6	5.8	6.7	1.2	-0.9	-0.9	6.7
Gasoil/diesel oil	28.2	30.0	29.7	28.7	-0.3	1.0	0.1	29.6
Residual fuel oil	7.1	7.0	6.6	7.4	-0.4	-0.8	-0.8	7.5
Petroleum coke	0.3	0.3	0.4	0.5	0.0	-0.1	-0.1	0.4
Other products	12.0	11.6	12.0	11.5	0.4	0.5	0.7	11.4
OECD Total								
Naphtha	6.4	6.2	6.2	6.3	0.0	-0.1	0.2	6.0
Motor gasoline	34.3	34.4	34.3	34.4	-0.1	-0.1	-0.8	35.1
Jet fuel	10.3	10.1	10.3	10.0	0.1	0.3	0.6	9.7
Other kerosene	1.5	1.6	1.9	2.1	0.3	-0.2	-0.1	2.0
Gasoil/diesel oil	31.5	32.4	32.7	32.3	0.3	0.4	-0.2	32.9
Residual fuel oil	6.0	6.1	6.1	6.2	0.0	-0.1	-0.2	6.3
Petroleum coke	2.7	2.7	2.8	2.7	0.0	0.1	0.0	2.8
Other products	12.1	11.5	11.1	11.0	-0.4	0.1	-0.1	11.2

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

	2016	2017	2018	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19
OECD Americas[1]	1027	1062	1084	1074	1099	1082	1082	1087	1087
United States	997	1032	1050	1040	1064	1048	1048	1049	1049
Other	29	30	34	34	34	34			
OECD Europe[2]	78	88	91	95	94	90	84	90	90
France	12	13	16	16	18	17	15	14	14
Germany	15	14	16	18	17	14	14	16	16
Spain	6	7	6	6	7	7	7	6	6
United Kingdom	8	11	9	11	9	9	9	9	9
Other	37	42	44	44	44	43			
OECD Asia Oceania[3]	4	3	5	5	5	5	5	5	5
Australia	4	3	4	4	4	4	4	4	4
Other	0	0	1	1	1	1			
Total OECD Ethanol	1109	1153	1180	1174	1197	1176	1171	1182	1182
Total Non-OECD Ethanol	643	624	728	866	1112	633	430	450	279
Brazil	493	478	547	686	931	453	249	249	77
China	49	71	69	65	71	76			
Argentina	15	15	19	19	19	19			
Other	85	61	93	97	91	86	181	201	201
Total Ethanol	**1751**	**1777**	**1908**	**2040**	**2309**	**1810**	**1601**	**1632**	**1461**

BIODIESEL

	2016	2017	2018	2Q18	3Q18	4Q18	Dec 18	Jan 19	Feb 19
OECD Americas[1]	109	111	128	125	137	137	136	143	143
United States	102	104	121	118	130	129	129	136	136
Other	7	7	7	7	7	7			
OECD Europe[2]	231	265	250	264	259	241	222	275	275
France	44	47	38	39	35	39	27	50	50
Germany	60	62	59	66	60	53	52	62	62
Italy	11	13	24	24	24	24			
Spain	26	34	25	26	26	26	24	28	28
Other	90	108	104	109	115	99	96	106	106
OECD Asia Oceania[3]	11	14	14	17	18	11	11	15	15
Australia	1	1	1	1	1	1	1	1	1
Other	10	13	13	17	17	10			
Total OECD Biodiesel	352	390	393	406	415	388	370	432	432
Total Non-OECD Biodiesel	281	292	322	322	332	323	323	348	348
Brazil	65	74	92	90	100	100	99	91	94
Argentina*	51	56	51	51	51	51			
Other	164	162	179	182	182	172			
Total Biodiesel	**632**	**682**	**715**	**729**	**747**	**711**	**693**	**780**	**780**
Global Biofuels	**2384**	**2459**	**2623**	**2769**	**3055**	**2521**	**2294**	**2412**	**2241**

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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Oil Market Report Contacts

Editor	**Neil Atkinson** ☎ +33 (0)1 40 57 65 90 ✉ Neil.Atkinson@iea.org
Demand	**Christophe Barret** ☎ +33 (0)1 40 57 65 16 ✉ Christophe.Barret@iea.org
OPEC Supply	**Peg Mackey** ☎ +33 (0)1 40 57 65 81 ✉ Peg.Mackey@iea.org
Non-OPEC Supply	**Toril Bosoni** ☎ +33 (0)1 40 57 67 18 ✉ Toril.Bosoni@iea.org
Refining	**Kristine Petrosyan** ☎ +33 (0)1 40 57 66 05 ✉ Kristine.Petrosyan@iea.org
Stocks	**Olivier Lejeune** ☎ +33 (0)1 40 57 67 58 ✉ Olivier.Lejeune@iea.org
Prices	**Anne Kloss** ☎ +33 (0)1 40 57 67 28 ✉ Anne.Kloss@iea.org
Analyst	**Jing Wang** ☎ +33 (0)1 40 57 67 78 ✉ Jing.Wang@iea.org
Analyst	**Masataka Yarita** ☎ +33 (0)1 40 57 67 64 ✉ Masataka.Yarita@iea.org
Statistics	**Pierre Monferrand** ☎ +33 (0)1 40 57 66 67 ✉ Pierre.Monferrand@iea.org
Statistics	**Luis Fernando Rosa** ☎ +33 (0)1 40 57 65 56 ✉ LuisFernando.Rosa@iea.org
Editorial Assistant	**Deven Mooneesawmy** ☎ +33 (0)1 40 57 65 03 ✉ Deven.Mooneesawmy@iea.org
Media Enquiries **IEA Press Office**	☎ +33 (0)1 40 57 66 94 ✉ ieapressoffice@iea.org

Subscription and Delivery Enquiries

Oil Market Report Subscriptions
International Energy Agency
BP 586-75726 PARIS Cedex 15, France ☎ +33 (0)1 40 57 66 90
✉ **OMRSubscriptions@iea.org**
www.iea.org/publications/oilmarketreport/ ☎ +33 (0)1 40 57 66 90

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