

1. Import of Crude Oil by Source (page-1)

Areas and Countries Crude Oil Source (Abbreviation)	Sep. 2020				Aug. 2020		Sep. 2019	
	Amount	Share	R.P.	R.S.	Amount	Share	Amount	Share
	kl	%	%	%	kl	%	kl	%
Total	10,209,765	100.0	87.7	77.4	11,637,009	100.0	13,185,641	100.0
Middle East	9,236,058	90.5	90.1	76.7	10,252,149	88.1	12,036,352	91.3
Iraq	-	-	-	-	152,719	1.3	-	-
Basrah-L	-	-	-	-	152,719	-	-	-
Bahrain	147,914	1.4	112.7	53.1	131,267	1.1	278,767	2.1
Banoc-Am	147,914	-	-	-	131,267	-	278,767	-
Saudi Arabia	4,091,016	40.1	77.5	86.9	5,275,793	45.3	4,708,733	35.7
Arab-L	2,279,235	-	-	-	1,868,209	-	1,878,894	-
Arab-H	300,584	-	-	-	707,491	-	392,176	-
Arab-M	122,046	-	-	-	235,282	-	39,391	-
Arab-E-L	1,183,208	-	-	-	2,258,939	-	2,192,750	-
Arab-S-L	205,943	-	-	-	205,872	-	205,522	-
Kuwait	817,153	8.0	82.0	58.4	996,336	8.6	1,399,708	10.6
Kuwait	736,628	-	-	-	873,276	-	1,081,511	-
Kwait-SI	80,525	-	-	-	123,060	-	318,197	-
Neutral Zone	47,189	0.5	-	-	-	-	-	-
Khafji	47,189	-	-	-	-	-	-	-
Qatar	766,435	7.5	94.5	55.3	811,251	7.0	1,386,424	10.5
Qatar	146,726	-	-	-	337,628	-	532,304	-
Qatar-M	150,739	-	-	-	75,051	-	316,404	-
A-Shahen	318,075	-	-	-	319,728	-	380,346	-
Lowsul-C	150,895	-	-	-	-	-	78,936	-
Deod-F-C	-	-	-	-	78,844	-	78,434	-
Oman	158,775	1.6	-	48.9	-	-	324,410	2.5
Oman	158,775	-	-	-	-	-	324,410	-
United Arab Emirates	3,207,576	31.4	111.2	81.4	2,884,783	24.8	3,938,310	29.9
Murban	1,495,132	-	-	-	657,696	-	1,630,029	-
Dubai	121,737	-	-	-	79,124	-	79,251	-
U-Zakum	247,328	-	-	-	566,788	-	527,183	-
DAS	1,246,764	-	-	-	1,335,329	-	1,600,419	-
Mubarraz	63,997	-	-	-	199,330	-	101,428	-
Umm-Lulu	32,618	-	-	-	46,516	-	-	-
South East Asia	206,390	2.0	265.5	189.3	77,724	0.7	109,000	0.8
Viet Nam	97,479	1.0	205.7	205.6	47,393	0.4	47,416	0.4
Bach Ho	97,479	-	-	-	-	-	-	-
Chim-Sao	-	-	-	-	47,393	-	47,416	-
Malaysia	61,483	0.6	202.7	99.8	30,331	0.3	61,584	0.5
Penara-B	31,004	-	-	-	-	-	31,638	-
Sepat	30,479	-	-	-	30,331	-	-	-
Mysia-Fo	-	-	-	-	-	-	29,946	-

1. Import of Crude Oil by Source (page-2)

Areas and Countries Crude Oil Source (Abbreviation)	Sep. 2020				Aug. 2020		Sep. 2019	
	Amount	Share	R.P.	R.S.	Amount	Share	Amount	Share
	kl	%	%	%	kl	%	kl	%
Brunei	47,428	0.5	-	-	-	-	-	-
Champion	47,428	-	-	-	-	-	-	-
Europe	348,134	3.4	42.9	37.7	812,376	7.0	923,694	7.0
Russia	348,134	3.4	42.9	37.7	812,376	7.0	923,694	7.0
Sokol	112,857	-	-	-	223,662	-	451,443	-
Espo-B	235,277	-	-	-	588,714	-	356,259	-
Sakhal-B	-	-	-	-	-	-	115,992	-
North America	133,437	1.3	246.6	-	54,104	0.5	-	-
United States of America	133,437	1.3	246.6	-	54,104	0.5	-	-
Wtim	62,458	-	-	-	54,104	-	-	-
Utica-C	70,979	-	-	-	-	-	-	-
Central and South America	228,154	2.2	67.6	237.6	337,581	2.9	96,013	0.7
Ecuador	228,154	2.2	67.6	237.6	337,581	2.9	96,013	0.7
Napo	228,154	-	-	-	337,581	-	96,013	-
Africa	-	-	-	-	69,520	0.6	-	-
Algeria	-	-	-	-	69,520	0.6	-	-
Sahara-B	-	-	-	-	69,520	-	-	-
Oceania	57,592	0.6	171.6	279.8	33,555	0.3	20,582	0.2
Australia	57,592	0.6	171.6	279.8	33,555	0.3	20,582	0.2
Wandoo	10,260	-	-	-	-	-	20,582	-
Ichthy-C	47,332	-	-	-	33,555	-	-	-

Notes.

1. Import of Crude oil represent the amount that directly enters refineries, oil stockpiling bases or oil terminals.
2. R.P. Ratio to the previous month.
3. R.S. Ratio to the same month of the previous year.

2. Receipt and Shipment of Crude Oil

Category	Unit	Sep. 2020			Aug. 2020	Sep. 2019
		Amount	R.P.	R.S.	Amount	Amount
			%	%		
Receipt	kl	10,242,136	87.8	77.5	11,671,872	13,221,818
Imported Crude Oil	kl	10,209,765	87.7	77.4	11,637,009	13,185,641
Domestic Crude Oil	kl	32,371	92.9	89.5	34,863	36,177
Processed	kl	11,091,298	95.8	78.5	11,572,362	14,128,405
Imported Crude Oil	kl	11,073,057	96.0	78.6	11,530,206	14,091,515
Domestic Crude Oil	kl	18,241	43.3	49.4	42,156	36,890
Shipment	kl	4,099	56.5	52.6	7,252	7,795
Month-End Inventories	kl	12,523,788	93.8	104.8	13,355,744	11,949,015
Imported Crude Oil	kl	12,451,043	93.6	104.5	13,301,508	11,912,947
Domestic Crude Oil	kl	72,745	134.1	201.7	54,236	36,068
Processing of Imported Crude Oil	kl/day	369,102			371,942	469,717
	bbl/day	2,321,651			2,339,516	2,954,521
Processing by Refineries	kl	11,073,805	95.9	78.5	11,552,964	14,111,389
Crude Oil Inventories in Oil Stockpiling Bases.	kl	3,284,448	97.5	134.4	3,368,830	2,444,272

Notes.

- 1 : Month-end inventories include inventories in oil stockpiling bases (not include domestic oil drilling enterprises).
- 2 : The government oil stockpiling volume is not included in Inventories.
- 3 : Processing of imported crude oil is converted amount.
- 4 : Conversion rate : 1kl = 6.29bbl.

3. Breakdown of Crude Oil Shipment

Category	Unit	Sep. 2020			Aug. 2020	Sep. 2019
		Amount	R.P.	R.S.	Amount	Amount
			%	%		
Total	kl	4,099	56.5	52.6	7,252	7,795
For Electricity	kl	-	-	-	-	-
For Petrochemistry	kl	-	-	-	-	-
For Others	kl	4,099	56.5	52.6	7,252	7,795

4. Production and Inventories of Petroleum Products and Semi-Products

Category	Unit	Production					Month-End Inventories					Yield of Product		
		Sep. 2020			Aug. 2020	Sep. 2019	Sep. 2020			Aug. 2020	Sep. 2019	Sep. 2020	Aug. 2020	Sep. 2019
		Amount	R.P.	R.S.	Amount	Amount	Amount	R.P.	R.S.	Amount	Amount			
			%	%				%	%					
Total	kl	10,708,719	101.5	80.5	10,548,616	13,300,536	5,333,316	100.6	98.9	5,301,076	5,392,587	95.54	90.29	93.46
Total Gasoline	kl	3,778,932	97.4	92.9	3,878,291	4,067,272	771,049	101.6	115.2	758,732	669,583	34.07	33.51	28.79
Motor Gasoline	kl	3,773,672	97.4	92.9	3,873,470	4,061,875	764,109	101.7	115.3	751,631	662,815			
Premium Gasoline	kl	425,035	86.9	90.4	489,085	470,418	167,104	105.5	118.4	158,422	141,098			
Regular Gasoline	kl	3,348,637	98.9	93.2	3,384,385	3,591,457	597,005	100.6	114.4	593,209	521,717			
Others	kl	5,260	109.1	97.5	4,821	5,397	6,940	97.7	102.5	7,101	6,768			
Total Naphtha	kl	1,127,046	120.8	87.1	932,826	1,294,023	1,047,501	102.5	104.4	1,021,884	1,003,120	10.16	8.06	9.16
Petrochemical Use	kl	1,124,947	120.8	87.0	930,950	1,292,701	1,046,521	102.5	104.5	1,021,098	1,001,674			
Others	kl	2,099	111.9	158.8	1,876	1,322	980	124.7	67.8	786	1,446			
Jet Fuel	kl	509,822	90.2	37.5	565,499	1,359,344	524,030	113.2	92.0	462,907	569,872	4.60	4.89	9.62
Kerosene	kl	764,704	84.3	90.8	906,978	841,954	1,138,112	114.7	102.1	991,848	1,114,494	6.89	7.84	5.96
Gas Oil	kl	2,690,249	101.6	76.3	2,648,743	3,527,108	776,401	80.5	96.8	964,262	801,831	24.26	22.89	24.96
Total Fuel Oil	kl	1,837,966	113.7	83.1	1,616,279	2,210,835	1,076,223	97.7	87.2	1,101,443	1,233,687	15.56	13.10	14.97
Fuel Oil A	kl	777,416	105.0	84.4	740,669	921,607	295,102	101.1	103.8	291,954	284,220	6.99	6.38	6.52
Fuel Oil B•C	kl	1,060,550	121.1	82.3	875,610	1,289,228	781,121	96.5	82.3	809,489	949,467	8.57	6.73	8.46
Lubricating Oil	kl	167,528	97.7	93.6	171,521	179,005	206,870	100.3	116.4	206,306	177,740	1.51	1.48	1.27
Asphalt	t	165,002	93.1	74.4	177,285	221,699	156,179	105.0	90.2	148,776	173,172			
Paraffin Wax	t	10,913	178.4	147.6	6,118	7,395	6,829	97.8	162.5	6,981	4,203			
Total Liquefied Petroleum Gas	t	267,256	89.3	79.7	299,197	335,260	217,992	98.7	98.8	220,941	220,729			
Propane•Propylene and Propane•Butane	t	136,095	92.6	87.6	146,969	155,379	77,956	112.0	101.9	69,606	76,533			
Butane•Butylene	t	131,161	86.2	72.9	152,228	179,881	140,036	92.5	97.1	151,335	144,196			
Semi-Products	kl						8,691,710	96.9	100.1	8,971,859	8,684,358			

Notes.

- 1 : Fuel oil is classified by specific gravity . "Fuel oil A" is under 0.9037, "Fuel oil B•C" is over 0.9037.
- 2 : Petroleum products and inventories are amount of refineries.
- 3 : "Semi-products" means Slack Gasoline, Slack Kerosene, Slack Gas Oil, Slack Fuel Oil, Slack Lubricating Oil, Slack Wax, and Slack Coke.
- 4 : Yield of Product is the ratio of amount of petroleum products to the amount of crude oil processed.
In Yield calculation, amount of own consumption should be subtracted from the amount of product.
- 5 : The government oil stockpiling volume is not included in Inventories.

5. Supply and Demand Overview

Sep. 2020

Category	Total	Gasoline	Naphtha	Jet Fuel	Kerosene	Gas Oil	Fuel Oil A	Fuel Oil B•C	Lubricating Oil	Asphalt	Paraffin Wax	L P G	L N G
Unit	kl	kl	kl	kl	kl	kl	kl	kl	kl	t	t	t	t
End of the Previous Month Inventories	10,364,179	1,938,797	1,323,702	811,939	2,535,684	1,798,108	752,503	1,203,446	517,999	211,699	19,269	2,106,577	134,084
Production	10,708,719	3,778,932	1,127,046	509,822	764,704	2,690,249	777,416	1,060,550	167,528	165,002	10,913	267,256	-
R. P. (%)	101.5	97.4	120.8	90.2	84.3	101.6	105.0	121.1	97.7	93.1	178.4	89.3	-
R. S. (%)	80.5	92.9	87.1	37.5	90.8	76.3	84.4	82.3	93.6	74.4	147.6	79.7	-
Import	2,603,605	183,151	2,200,798	-	100,755	101,535	12,657	4,709	9,425	-	141	691,130	5,730,164
R. P. (%)	75.8	43.3	77.6	-	179.6	94.6	114.7	100.1	46.0	-	36.1	89.2	103.5
R. S. (%)	118.2	99.0	126.4	-	113.6	404.9	105.9	3.1	52.9	-	16.2	92.7	94.2
Domestic Sales	11,858,791	4,053,693	3,271,114	206,282	507,812	2,660,983	675,759	483,148	109,012	155,507	3,282	704,725	5,789,864
R. P. (%)	97.3	92.4	95.3	56.4	120.4	102.4	103.5	145.4	107.3	108.3	163.8	106.7	103.5
R. S. (%)	90.4	92.8	97.0	44.1	74.2	92.3	97.5	75.0	78.1	91.0	92.8	110.8	94.6
Export	1,414,830	71,584	-	232,283	75,980	357,361	133,561	544,061	71,235	8,900	7,551	14,848	-
R. P. (%)	118.6	76.9	-	76.6	120.9	273.6	202.3	101.4	88.0	-	313.1	122.3	-
R. S. (%)	44.6	45.8	-	23.6	77.5	36.0	48.0	81.7	83.4	296.6	148.6	87.2	-
Month-End Inventories	10,457,136	1,947,791	1,365,285	867,566	2,791,794	1,596,598	736,903	1,151,199	505,931	209,657	19,407	2,092,364	138,427
R. P. (%)	100.9	100.5	103.1	106.9	110.1	88.8	97.9	95.7	97.7	99.0	100.7	99.3	103.2
R. S. (%)	106.3	126.8	95.1	98.1	110.4	114.0	101.5	86.8	109.8	91.7	140.1	97.2	128.6

Notes.

- Inventory figures represent the totals for inventories of oil terminals, refineries, petroleum product manufacturers, and importers.
- Import and export figures represent the totals for imports and exports by sales sectors of petroleum product manufacturers and importers.
- Sales represents the totals for domestic sales of petroleum manufacturers and importers.
- Fuel oil is classified by specific gravity. "Fuel oil A" is under 0.9037, "Fuel oil B•C" is over 0.9037.
- The government oil stockpiling volume is not included in Inventories.

For inquiries regarding this flash report,

(Items except production)
Policy Planning Division, Natural Resources and Fuel Department, Agency for Natural Resources and Energy, METI
Facsimile: +81-3-3580-8449

(Item related to production)
Office of Current Survey for Mining and Manufacturing, Research and Statistics Department,
Minister's Secretariat, METI
Facsimile: +81-3-3501-5841