



PETROLEUM DOWNSTREAM STATISTICAL BULLETIN

Second Quarter Publication, 2022

Vol.2

1.0 Introduction

The NPA’s quarterly petroleum downstream statistical bulletin provides statistical information on key indicators of the petroleum downstream industry such as crude oil prices, petroleum product prices, petroleum products supply and demand, stock situation, BDCs/refineries performance statistics, etc. The information¹ contained in the statistical bulletin is expected to assist downstream industry players, academia, students, and policymakers to make informed decisions as well as aid research work.

2.0 International Oil Market Prices

2.1 Crude Prices

Dated Brent crude oil price traded between a range of \$104.56/barrel and \$124.96/barrel during the second quarter of 2022. Jubilee crude traded between a range of \$103.94/barrel and \$119.29/barrel. Table 1 below shows the average prices of different grades of crude oil for the period under review.

Table 1: Crude Oil Prices (US\$/BBL)- Second Quarter 2022

Month	Pricing Window	Brent	WTI	Bonny Light	Jubilee
April, 22	1st	116.91	107.06	112.22	111.98
	16th	107.41	100.89	106.81	106.26
May, 22	1st	104.56	103.39	105.58	103.94
	16th	107.68	104.89	108.84	106.28
June, 22	1st	113.81	111.77	115.95	110.88
	16th	124.95	118.26	125.44	119.29

Source: NPA’s computation using Platts database

¹ Provisional data

2.1 Refined Product Prices

Refined product prices on the international oil market traded between a range of US\$641.03/mt and US\$1,451.25/mt during the second quarter of 2022. Table 2 below shows the FOB prices of refined products for the period under review.

Table 2: FOB Prices of Refined Products (US\$/MT) – Second Quarter 2022

Month	Pricing Window	Petrol	Diesel	LPG	ATK	RFO
April, 22	1st	1,060.23	1,133.95	906.18	1,153.38	693.30
	16th	1,049.02	1,092.55	872.48	1,161.82	657.70
May, 22	1st	1,057.44	1,138.33	843.53	1,207.11	642.94
	16th	1,138.23	1,159.98	894.53	1,328.83	641.03
June, 22	1st	1,264.00	1,096.27	857.61	1,215.09	656.86
	16th	1,451.25	1,289.97	810.64	1,379.53	688.28

Source: NPA's computation using Platts and Argus database

3.0 Domestic Prices

3.1 Ex-Pump Prices

Table 3 presents the 2-week average ex-pump prices of petroleum products (petrol, diesel, and LPG) of Oil Marketing Companies (OMCs) and LPG Marketing Companies (LPGMCs).

Table 3: Ex-Pump Prices of Petroleum Products (GHS/Lt except LPG GHS/Kg) – Second Quarter 2022

Month	Pricing Window	Petrol	Diesel	LPG
April, 22	1st	9.36	10.33	6.45
	16th	9.24	10.54	10.76
May, 22	1st	9.26	11.16	10.63
	16th	9.67	11.76	10.78
June, 22	1st	10.25	12.48	10.66
	16th	10.99	13.52	11.04

Source: NPA petroleum products database

3.2 Exchange Rate

Table 4 presents spot US\$GHS exchange rates of BoG as well as average market rates for the period under review.

Table 4: Spot US\$GHS Exchange Rates - Second Quarter 2022

Month	Pricing Window	BoG Interbank Rate	Average Market Rate
April, 22	1st	7.0845	7.6828
	16th	7.1158	7.7950
May, 22	1st	7.1160	7.8165
	16th	7.1167	7.7948
June, 22	1st	7.1319	7.9270
	16th	7.1557	8.0483

Source: BoG website and quotations from some commercial banks

4.0 Petroleum Products Stock Situation

At the end of the second quarter 2022, petrol had the highest stock of petroleum products across depots in the country, followed by diesel, ATK, LPG, kerosene, and premix. Table 5 below shows the stock situation on the first and last day of the second quarter of 2022.

Table 5: Petroleum Products Stock Situation - Second Quarter 2022

Product	Opening Balance 1/4/22		Closing Balance 30/6/22	
	Total Stock (million ltrs)	Weeks-to-last	Total Stock (million ltrs)	Weeks-to-last
Gasoil (Diesel)	175,652,496	3.3	98,405,565	1.9
Gasoline (Petrol)	224,881,145	4.6	161,709,046	3.3
LPG	10,035,373	1.3	12,105,191	1.6
Kerosene	7,663,744	51.1	5,470,598	36.5
ATK	10,683,153	2.1	25,471,381	5.1
Premix	2,212,192	1.1	1,219,597	0.6

Source: NPA petroleum products database NB: LPG is in kg

5.0 Petroleum Products Supply

5.1 Imports

A total of **1,017,439 metric tonnes** of petroleum products was imported in the second quarter 2022. Table 6 shows the quantity of petroleum products imported for the period under review.

Table 6: Petroleum Products Imports (MT) – Second Quarter 2022

Product	Apr-22	May-22	Jun-22	Q2-2022	Q2-2021	Change % (Q2-22/Q2-21)
Gasoil (Diesel)	93,635	183,213	239,758	516,606	532,846	-3.05%
Gasoline (Petrol)	136,023	154,566	90,901	381,490	428,566	-10.98%
LPG	18,925	21,567	17,268	57,760	58,892	-1.92%
ATK	19,914	20,706	20,963	61,583	23,719	159.64%
HFO	-	-	-	-	26,910	-100.00%
Total	280,750	341,069	383,103	1,017,439	1,070,931	-4.99%

Source: NPA petroleum products database

5.2 Local Production

The three local refineries (TOR, Akwaaba, and Platon) in addition to the local gas processing plant (GNGC) produced a total of **42,144 metric tonnes** of petroleum products in the second quarter 2022. Table 7 shows local production of petroleum products for the period.

Table 7: Local Production of Petroleum Products (MT) - Second Quarter 2022

Product	Apr-22	May-22	Jun-22	Q2 2022	Q2 2021	Change % (Q2-22/Q2-21)
Gasoil (Diesel)	1,072	934	831	2,838	8,278	-65.72%
Naphtha	22	19	86	126	1,421	-91.10%
LPG	9,769	7,098	9,864	26,731	26,691	0.15%
ATK	-	-	-	-	689	-100.00%
RFO	2,529	2,096	1,219	5,844	15,805	-63.03%
Condensate	2,549	1,289	2,768	6,605	8,945	-26.16%
Total	15,941	11,436	14,768	42,144	61,830	-31.84%

Source: NPA petroleum products database

6.0 Petroleum Products Sales/Consumption

6.1 National Consumption

A total of **1,106,147 metric tonnes** of petroleum products was supplied unto the market in the second quarter of 2022. Table 8 shows local production of petroleum products for the period under review.

Table 8: Petroleum Products Supply (MT) - Second Quarter 2022

Products	Apr-22	May-22	Jun-22	Q2-2022	Q2-2021	Change % (Q2-22/Q2-21)
Residual Fuel oil (Industrial)	6,487	4,389	5,395	16,270	20,571	-20.91%
Heavy Fuel oil (Power Plant)	-	-	-	-	29,018	-100.00%
Gas oil (Diesel)	154,255	148,041	139,945	442,240	424,678	4.14%
Marine Gasoil (Local)	3,034	1,415	2,198	6,646	7,105	-6.45%
Naphtha (Unified)	41	-	-	41	347	-88.24%
Kerosene	29	537	250	816	1,172	-30.34%
LPG - Butane	26,284	24,296	25,124	75,704	84,725	-10.65%
Gasoline (Petrol)	146,983	133,794	130,059	410,836	423,041	-2.89%
Premix	3,078	3,099	1,580	7,757	20,609	-62.36%
Marine Gasoil (Foreign)	338	76	-	414	2,179	-80.98%
Gasoil (Mines)	26,578	26,603	27,445	80,625	73,764	9.30%
ATK	18,025	17,036	17,848	52,909	43,333	22.10%
Gasoil (Rig)	4,827	3,058	1,907	9,792	8,274	18.35%
Gasoil (Power Plant)	-	-	304	304	-	-
Gasoil (Cell Site)	886	441	467	1,793	7,875	-77.23%
Total	390,845	362,783	352,519	1,106,147	1,146,689	-3.54%

Source: NPA petroleum products database

6.2 Regional Consumption

Table 9 shows the regional consumption of petroleum products for the quarter under review. As expected, Greater Accra consumed the highest petroleum products, representing over a third (33.9%) of total products supplied, while the Upper West consumed the least (1.3%) petroleum products for the period (see table 10 below).

Table 9: Regional Petroleum Product Consumption (MT) - Second Quarter 2022

Product	Ashanti	Brong Ahafo	Central	Eastern	Greater Accra	Northern	Upper East	Upper West	Volta	Western	Total
Diesel	108,281	20,877	35,941	42,972	117,405	20,934	7,796	5,873	12,356	69,804	442,240
Petrol	69,440	27,859	33,158	29,267	151,633	23,903	12,010	8,188	14,215	41,162	410,836
LPG - Butane	11,140	6,309	5,858	7,032	26,628	2,012	1,883	848	8,690	5,303	75,704
Gasoil Mines	10,642	10,077	-	5,921	5,127	-	-	-	-	48,859	80,625
Gasoil Rig	-	-	462	-	87	-	-	-	-	9,243	9,792
Gasoil Cell Site	158	171	-	24	895	113	-	11	25	395	1,793
Gasoil Power Plants	-	-	-	-	304	-	-	-	-	-	304
MGO Foreign	-	-	-	-	338	-	-	-	-	76	414
MGO Local	-	-	1,209	-	3,315	-	-	-	-	2,122	6,646
ATK	-	-	-	-	52,699	210	-	-	-	-	52,909
Kerosene	149	36	47	25	424	73	15	-	15	33	816
Premix	-	377	1,519	928	1,356	367	-	-	1,723	1,488	7,757
RFO	841	-	-	187	15,242	-	-	-	-	-	16,270
Naphtha	-	-	-	-	41	-	-	-	-	-	41
ALL PRODUCTS	200,651	65,707	78,194	86,356	375,496	47,611	21,704	14,921	37,024	178,485	1,106,147

Source: NPA petroleum products database

Table 10: Regional Share of Petroleum Products Consumption (%) - Second Quarter 2022

Product	Ashanti	Brong Ahafo	Central	Eastern	Greater Accra	Northern	Upper East	Upper West	Volta	Western	Total
Diesel	24.5%	4.7%	8.1%	9.7%	26.5%	4.7%	1.8%	1.3%	2.8%	15.8%	100.0%
Petrol	16.9%	6.8%	8.1%	7.1%	36.9%	5.8%	2.9%	2.0%	3.5%	10.0%	100.0%
LPG - Butane	14.7%	8.3%	7.7%	9.3%	35.2%	2.7%	2.5%	1.1%	11.5%	7.0%	100.0%
Gasoil Mines	13.2%	12.5%	0.0%	7.3%	6.4%	0.0%	0.0%	0.0%	0.0%	60.6%	100.0%
Gasoil Rig	0.0%	0.0%	4.7%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	94.4%	100.0%
Gasoil Cell Site	8.8%	9.5%	0.0%	1.3%	49.9%	6.3%	0.0%	0.6%	1.4%	22.1%	100.0%
Gasoil Power Plants	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
MGO Foreign	0.0%	0.0%	0.0%	0.0%	81.5%	0.0%	0.0%	0.0%	0.0%	18.5%	100.0%
MGO Local	0.0%	0.0%	18.2%	0.0%	49.9%	0.0%	0.0%	0.0%	0.0%	31.9%	100.0%
ATK	0.0%	0.0%	0.0%	0.0%	99.6%	0.4%	0.0%	0.0%	0.0%	0.0%	100.0%
Kerosene	18.2%	4.4%	5.8%	3.1%	52.0%	8.9%	1.8%	0.0%	1.8%	4.0%	100.0%
Premix	0.0%	4.9%	19.6%	12.0%	17.5%	4.7%	0.0%	0.0%	22.2%	19.2%	100.0%
RFO	5.2%	0.0%	0.0%	1.2%	93.7%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Naphtha	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
ALL PRODUCTS	18.1%	5.9%	7.1%	7.8%	33.9%	4.3%	2.0%	1.3%	3.3%	16.1%	100.0%

Source: NPA petroleum products database

6.3 Re-export/Transit

A total of **88,490 metric tonnes** of petroleum products was re-exported/transited to Mali, Niger, and Burkina Faso in the second quarter of 2022. Table 11 presents the total petroleum products re-exported/transited for the period.

Table 11: Total Petroleum Products Re-export/Transit (MT) - Second Quarter 2022

Month	Gasoil	Gasoline	LPG	ATK	Total
April, 2022	6,684	19,854	-	665	27,202
May, 2022	1,431	16,347	3,453	-	21,231
June, 2022	25,446	11,824	2,120	667	40,057
Total	33,560	48,025	5,573	1,332	88,490

Source: NPA petroleum products database

7.0 Petroleum Service Providers (PSPs) Market Share

7.1 Bulk Import Distribution and Export Companies

The performance of BIDECs/refineries for the second quarter 2022 indicates that the top ten (10) companies had a combine market share of 82.25%. The remaining BIDECs/refineries had a market share of 17.75%. Table 12 below shows the BIDECs/refineries performance statistics for the review period.

Table 12: BIDECs and Refineries Performance Statistics (MT) – Second Quarter 2022

No	Company	Total Products Distributed (MT)	Market Shares
1	GoEnergy Company Limited	229,561	20.75%
2	Juwel Energy Limited	181,371	16.40%
3	Dominion Int. Petroleum Limited	103,135	9.32%
4	Maranatha Oil Services Limited	78,131	7.06%
5	Astra Oil Services Limited	73,310	6.63%
6	Cirrus Oil Services Limited	63,175	5.71%
7	Blue Ocean Investments Limited	52,429	4.74%
8	Fueltrade Limited	50,551	4.57%
9	Sage Distribution Limited	39,085	3.53%
10	Chase Petroleum Ghana Limited	39,022	3.53%
SUBTOTAL		909,770	82.25%
11	Eagle Petroleum Company Limited	37,889	3.43%
12	Vihama Energy Limited	27,516	2.49%
13	Everstone Energy Limited	13,265	1.20%
14	Petroleum Warehousing & Supply Limited	12,790	1.16%
15	Oil Trade Company Limited	11,494	1.04%
16	Oil Channel Limited	11,487	1.04%

No	Company	Total Products Distributed (MT)	Market Shares
17	Nenser Petroleum Ghana Limited	11,401	1.03%
18	Hask Oil Company Limited	11,008	1.00%
19	Matrix Gas Ghana Limited	9,303	0.84%
20	Alfapetro Ghana Limited	6,073	0.55%
21	Akwaaba Oil Refinery Limited	5,840	0.53%
22	Glorymay Petroleum Company Limited	5,741	0.52%
23	Genysis Global Limited	5,288	0.48%
24	Nation Services Limited	5,194	0.47%
25	Cubica Energy Limited	3,311	0.30%
26	SA Energy Limited	3,266	0.30%
27	Rhema Energy Company Limited	2,455	0.22%
28	Globex Energy Limited	2,393	0.22%
29	Med Petroleum Company Limited	2,071	0.19%
30	Rama Energy Limited	1,937	0.18%
31	Misyl Energy Company Limited	1,770	0.16%
32	Tema Oil Refinery	1,378	0.12%
33	Platon Gas Oil Limited	1,030	0.09%
34	Mariaje Linx Investment Limited	791	0.07%
35	Firm Energy Limited	719	0.07%
36	*Adinkra Supply Company Ghana Limited	304	0.03%
37	Stratcon Energy and Trading Limited	245	0.02%
38	Dome Energy Resources Limited	245	0.02%
39	Hilson Petroleum Ghana Limited	173	0.02%
40	Battop Energy Limited	-	0.00%
41	Ebony Oil & Gas Limited	-	0.00%
42	Kpabulga Energy Limited	-	0.00%
43	Lemla Petroleum Limited	-	0.00%
44	LHS Ghana Limited	-	0.00%
45	Mobile Energy Resources Limited	-	0.00%
46	Woodfields Energy Resources Limited	-	0.00%
SUBTOTAL		196,377	17.75%
GRAND TOTAL		1,106,147	100%

Source: NPA petroleum products database

7.2 Oil Marketing Companies

Table 13 presents the top twenty (20) Oil Marketing Companies (OMCs) performance statistics for the second of quarter 2022. The combined market share of the top 20 OMCs was 78.54%. The rest of the OMCs had a market share of 21.46%.

Table 13: Top 20 OMCs Performance Statistics (MT) – Second Quarter, 2022

No	Company	Total Products Distributed (MT)	Market Shares
1	Ghana Oil Company Limited	226,607	20.49%
2	Vivo Energy Ghana Limited	103,606	9.37%
3	TotalEnergies Marketing Ghana PLC	100,814	9.11%
4	Zen Petroleum Limited	88,442	8.00%
5	Star Oil Company Limited	60,552	5.47%
6	Puma Energy Distribution Ghana Limited	51,556	4.66%
7	Benab Oil Company Limited	29,240	2.64%
8	Petrosol Ghana Limited	26,311	2.38%
9	Frimps Oil Company Limited	22,783	2.06%
10	Gasol Petroleum Limited	22,455	2.03%
11	IBM Petroleum Limited	19,954	1.80%
12	Dukes Petroleum Company Limited	18,480	1.67%
13	Pacific Oil Ghana Limited	17,711	1.60%
14	Goodness Energy Limited	15,239	1.38%
15	Engen Ghana Limited	13,025	1.18%
16	Allied Oil Company Limited	11,420	1.03%
17	Naagamni Ghana Limited	11,026	1.00%
18	Maxx Energy Limited	10,483	0.95%
19	Mobik Energy Limited	9,795	0.89%
20	JP Trustees Limited	9,224	0.83%
SUBTOTAL		868,723	78.54%
OTHERS		237,424	21.46%
GRAND TOTAL		1,106,147	100%

Source: NPA petroleum products database

7.3 Storage Companies

Table 14 presents the sales from storage depots in the second quarter of 2022. The top five (5) depots throughput over two-thirds (68.55%) of all depot sales across the country, while the rest throughput a little below a third (31.45%).

Table 14: Depot Sales (MT) – Second Quarter, 2022

No	Company	Total Products Distributed (MT)	Market Shares
1	Chase Petroleum (TTF) - Tema	306,242	27.69%
2	Tema Fuel Company (TFC)	141,038	12.75%
3	BOST - Kumasi	122,602	11.08%
4	Quantum Oil Terminal Limited - Tema	103,096	9.32%
5	BOST Accra Plains - Kpone	85,278	7.71%
6	Zen Terminals Limited - Takoradi	67,834	6.13%
7	Tema Oil Refinery (TOR)	67,125	6.07%
8	Tema Multi Products Terminal (TMPT)	58,350	5.28%
9	Ridge Energy Limited - Tema	31,328	2.83%
10	BOST - Buipe	29,236	2.64%
11	Quantum Terminals Limited - Anokyi	25,039	2.26%
12	Ghanstock Limited - Takoradi	19,845	1.79%
13	Matrix Gas Ghana Limited - Tema	10,623	0.96%
14	Goil MGO Terminal - Takoradi	8,055	0.73%
15	Vana Energy Limited - Tema	7,390	0.67%
16	Blue Ocean Investment Limited - Takoradi	6,764	0.61%
17	Akwaaba Oil Refinery - Spintex	5,840	0.53%
18	Tema Oil Terminal Plc	4,855	0.44%
19	Platon Oil Gas Ghana Limited (Refinery) - Tema	4,160	0.38%
20	Quantum LPG Logistics Limited - Tema	1,447	0.13%
GRAND TOTAL		1,106,147	100%

Source: NPA petroleum products database

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