



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Futures</b>									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	18,841,297	17,577,744	7.2%	16,382,680	15.0%	136,007,861	145,141,671	-6.3%
CRUDE OIL	WS	0	1,000	-100.0%	0	0.0%	0	1,000	-100.0%
MINY WTI CRUDE OIL	QM	256,024	648,067	-60.5%	268,736	-4.7%	2,537,951	5,050,786	-49.8%
BRENT OIL LAST DAY	BZ	1,285,556	1,329,676	-3.3%	1,064,524	20.8%	9,372,345	12,005,605	-21.9%
HEATING OIL PHY	HO	4,003,107	3,302,796	21.2%	3,104,862	28.9%	25,778,780	27,005,147	-4.5%
HTG OIL	BH	0	0	0.0%	36	-100.0%	84	72	16.7%
MINY HTG OIL	QH	12	10	20.0%	5	140.0%	84	67	25.4%
RBOB PHY	RB	4,365,366	3,250,192	34.3%	3,748,996	16.4%	29,875,912	29,487,435	1.3%
MINY RBOB GAS	QU	7	14	-50.0%	6	16.7%	75	74	1.4%
NATURAL GAS	HP	201,589	128,704	56.6%	136,135	48.1%	1,532,858	1,425,442	7.5%
LTD NAT GAS	HH	382,736	301,924	26.8%	269,541	42.0%	2,807,159	2,822,232	-0.5%
MINY NATURAL GAS	QG	191,828	384,388	-50.1%	148,199	29.4%	1,889,865	2,627,299	-28.1%
NATURAL GAS PHY	NG	8,660,164	5,828,944	48.6%	6,478,580	33.7%	66,954,085	59,050,256	13.4%
RBOB GAS	RT	0	0	0.0%	12	-100.0%	48	48	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	4,830	9,900	-51.2%	2,240	115.6%	31,150	48,985	-36.4%
ARGUS PROPAN FAR EST INDE	7E	9,982	6,236	60.1%	8,213	21.5%	68,973	45,537	51.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,902	1,416	104.9%	2,493	16.4%	22,782	15,518	46.8%
BRENT BALMO SWAP	J9	50	0	0.0%	15	233.3%	85	1,587	-94.6%
BRENT CALENDAR SWAP	CY	12,657	25,397	-50.2%	4,310	193.7%	72,131	127,772	-43.5%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	330	240	37.5%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	2,476	4,894	-49.4%	4,420	-44.0%	75,956	23,930	217.4%
CAR VINTAGE	NGO	5,049	15,631	-67.7%	4,667	8.2%	48,187	102,614	-53.0%
CEU ENERGY	TFU	0	0	-	330	-100.0%	330	0	-
CEU ENERGY	TTG	155	0	-	0	-	155	0	-
CHICAGO ETHANOL SWAP	CU	77,138	72,130	6.9%	71,785	7.5%	590,378	478,653	23.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOIUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
CHICAGO ULSD PL VS HO SPR	5C	365	455	-19.8%	2,415	-84.9%	8,645	4,568	89.3%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	141	795	-82.3%	36	291.7%	627	2,516	-75.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	824	110	649.1%	333	147.4%	2,857	2,652	7.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,847	17,336	8.7%	17,922	5.2%	153,387	125,656	22.1%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	299	135	121.5%	120	149.2%	2,990	3,081	-3.0%
CRUDE OIL OUTRIGHTS	42	861	760	13.3%	883	-2.5%	3,558	7,606	-53.2%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	1,566	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0.0%	0	1,260	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	179,710	93,670	91.9%	120,209	49.5%	1,158,479	578,936	100.1%
CRUDE OIL OUTRIGHTS	LSW	0	75	-100.0%	0	0.0%	100	3,905	-97.4%
CRUDE OIL OUTRIGHTS	WCW	0	200	-100.0%	0	0.0%	0	16,730	-100.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	MCL	1,939,034	2,949,607	-34.3%	1,698,892	14.1%	15,427,001	21,182,343	-27.2%
CRUDE OIL SPRDS	ANT	734	555	32.3%	2,403	-69.5%	5,967	6,536	-8.7%
CRUDE OIL SPRDS	BKT	0	0	-	0	0.0%	750	0	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	62,308	54,619	14.1%	45,125	38.1%	514,957	409,347	25.8%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	0	2,220	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	400	0	0.0%	400	0.0%	800	2,000	-60.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	66,749	168	39,631.5%	28,974	130.4%	135,393	14,562	829.8%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	22	-100.0%	0	0.0%	781	838	-6.8%
ELEC FINSETTLED	47	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	1,379	5,419	-74.6%	3,219	-57.2%	17,391	14,946	16.4%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	0	-	10	-100.0%	36	0	-
ETHANOL SWAP	MT2	110	95	15.8%	140	-21.4%	2,450	1,530	60.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,407	5,398	-36.9%	4,180	-18.5%	33,391	24,521	36.2%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	0.0%	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	0	1,169	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	UV	2	0	0.0%	0	0.0%	225	546	-58.8%
EUROPEAN GASOIL (ICE)	7F	0	502	-100.0%	0	0.0%	261	13,101	-98.0%
EUROPEAN NAPHTHA BALMO	KZ	5	5	0.0%	25	-80.0%	94	157	-40.1%
EUROPEAN NAPHTHA CRACK SPR	EN	3,564	1,833	94.4%	3,263	9.2%	25,985	19,381	34.1%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	-	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	1,000	460	117.4%	636	57.2%	7,689	5,191	48.1%
EURO PROPANE CIF ARA SWA	PS	1,625	1,690	-3.8%	2,235	-27.3%	15,375	13,035	18.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	55	60	-8.3%	15	266.7%	1,255	405	209.9%
FREIGHT MARKETS	CS3	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	0	0	0.0%	0	0.0%	70	360	-80.6%
FREIGHT MARKETS	FLJ	36	0	0.0%	0	0.0%	46	0	0.0%
FREIGHT MARKETS	FLP	25	6	316.7%	0	0.0%	54	228	-76.3%
FREIGHT MARKETS	FRC	0	36	-100.0%	0	0.0%	0	36	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0.0%	0	708	-100.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0.0%	0	1,192	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	30	66	-54.5%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	565	257	119.8%	524	7.8%	2,413	1,840	31.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	2,872	1,715	67.5%	354	711.3%	13,257	22,012	-39.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	1	1	0.0%	0	0.0%	1	66	-98.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	0	18	-100.0%	0	0.0%	45	959	-95.3%
GASOIL CRACK SPREAD CALEN	GZ	0	105	-100.0%	0	0.0%	525	10,947	-95.2%
GASOIL MINI CALENDAR SWAP	QA	207	100	107.0%	208	-0.5%	1,650	2,611	-36.8%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	5,636	2,242	151.4%	5,695	-1.0%	34,852	37,827	-7.9%
GRP THREE UNL GS (PLT) VS	A8	5,131	1,760	191.5%	2,030	152.8%	22,148	27,382	-19.1%
GULF COAST 3% FUEL OIL BA	VZ	0	120	-100.0%	0	0.0%	0	967	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	9,375	7,425	26.3%	11,645	-19.5%	79,362	84,934	-6.6%
GULF COAST NO.6 FUEL OIL	MF	845	6,407	-86.8%	2,559	-67.0%	33,789	29,013	16.5%
GULF COAST NO.6 FUEL OIL	MG	9,591	8,128	18.0%	15,396	-37.7%	109,816	55,433	98.1%
GULF COAST ULSD CALENDAR	LY	0	51	-100.0%	0	0.0%	862	779	10.7%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	0	233	-100.0%	93	-100.0%	1,256	3,403	-63.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	127	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	3	4	-25.0%	0	0.0%	13	10	30.0%
HENRY HUB SWAP	NN	26,876	30,474	-11.8%	17,940	49.8%	259,067	219,307	18.1%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	150	0	0.0%	0	0.0%	340	2,193	-84.5%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0.0%	0	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
JAPAN C&F NAPHTHA CRACK S	JB	0	116	-100.0%	0	0.0%	5	428	-98.8%
JAPAN C&F NAPHTHA SWAP	JA	205	71	188.7%	67	206.0%	1,334	1,006	32.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	12	6	100.0%
JET CIF NWE VS ICE	JC	0	27	-100.0%	0	0.0%	186	1,474	-87.4%
JET FUEL UP-DOWN BALMO CL	1M	860	100	760.0%	1,590	-45.9%	7,921	14,766	-46.4%
JKM LNG Futures	JKM	0	0	0.0%	0	0.0%	0	2,155	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	190	0	0.0%	100	90.0%	2,558	2,191	16.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	615	0	0.0%	360	70.8%	4,680	3,275	42.9%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0.0%	590	93	534.4%
MARS (ARGUS) VS WTI SWAP	YX	0	75	-100.0%	0	0.0%	0	1,685	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	11,640	15,854	-26.6%	10,690	8.9%	134,300	122,800	9.4%
MCCLOSKEY ARA ARGS COAL	MTF	801	2,600	-69.2%	588	36.2%	7,734	49,686	-84.4%
MCCLOSKEY RCH BAY COAL	MFF	0	448	-100.0%	0	0.0%	12	3,438	-99.7%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	10	-100.0%	110	-100.0%	130	243	-46.5%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	210	50	320.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	190	80	137.5%	0	0.0%	1,119	2,814	-60.2%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	MNC	844	2,029	-58.4%	479	76.2%	8,181	13,646	-40.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	28,231	36,301	-22.2%	45,897	-38.5%	263,243	286,027	-8.0%
MONT BELVIEU ETHANE OPIS BALMO	8C	715	1,116	-35.9%	80	793.8%	5,240	7,309	-28.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	237,517	143,393	65.6%	208,940	13.7%	1,842,370	1,311,528	40.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,125	1,180	-4.7%	2,621	-57.1%	18,113	23,154	-21.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	24,721	31,422	-21.3%	22,756	8.6%	204,786	194,595	5.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	292	1,989	-85.3%	668	-56.3%	11,228	11,674	-3.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	84,833	56,683	49.7%	82,302	3.1%	556,627	422,940	31.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	764	992	-23.0%	696	9.8%	8,821	11,741	-24.9%
NATURAL GAS	NWM	0	0	-	330	-100.0%	480	0	-
NATURAL GAS PEN SWP	NP	21,339	30,984	-31.1%	14,715	45.0%	176,099	384,426	-54.2%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	650	590	10.2%	1,265	-48.6%	5,742	6,702	-14.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	1,305	1,321	-1.2%	1,590	-17.9%	18,458	9,353	97.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	175	-100.0%	0	0.0%	750	1,250	-40.0%
NYH NO 2 CRACK SPREAD CAL	HK	2,990	610	390.2%	3,645	-18.0%	29,826	15,255	95.5%
NYISO CAPACITY	LHV	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	792	708	11.9%	1,101	-28.1%	10,497	4,288	144.8%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	139	153	-9.2%	143	-2.8%	1,354	1,094	23.8%
PETROCHEMICALS	32	26	29	-10.3%	57	-54.4%	579	309	87.4%
PETROCHEMICALS	3NA	59	30	96.7%	8	637.5%	428	208	105.8%
PETROCHEMICALS	51	30	0	0.0%	13	130.8%	43	15	186.7%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	649	576	12.7%	258	151.6%	5,234	6,903	-24.2%
PETROCHEMICALS	91	481	171	181.3%	330	45.8%	3,304	2,325	42.1%
PETROCHEMICALS	MAA	140	10	1,300.0%	110	27.3%	1,160	430	169.8%
PETROCHEMICALS	MAE	1,310	1,400	-6.4%	1,486	-11.8%	11,671	8,880	31.4%
PETROCHEMICALS	MAS	1,058	330	220.6%	453	133.6%	4,336	3,080	40.8%
PETROCHEMICALS	MBE	0	0	0.0%	110	-100.0%	720	610	18.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	353	256	37.9%	782	-54.9%	4,041	1,839	119.7%
PETROCHEMICALS	PMF	43	0	0.0%	0	0.0%	69	12	475.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	18,205	17,351	4.9%	16,510	10.3%	100,711	139,827	-28.0%
PETRO CRCKS & SPRDS NA	EXR	460	77	497.4%	66	597.0%	2,018	2,459	-17.9%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	75	-100.0%	0	0.0%	935	700	33.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	375	150	150.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0.0%	96	275	-65.1%
PETRO CRCKS & SPRDS NA	GFC	650	0	0.0%	0	0.0%	1,445	1,350	7.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	30	-100.0%	1,330	577	130.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	926	250	270.4%	80	1,057.5%	5,475	5,853	-6.5%
PETRO CRCKS & SPRDS NA	RVG	1,837	904	103.2%	450	308.2%	10,956	17,800	-38.4%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	12	0	-
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0.0%	265	1,785	-85.2%
PETRO CRK&SPRD EURO	43	0	0	0.0%	8	-100.0%	103	121	-14.9%
PETRO CRK&SPRD EURO	BOB	0	15	-100.0%	0	0.0%	120	590	-79.7%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	479	641	-25.3%	459	4.4%	3,394	3,136	8.2%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0.0%	375	787	-52.4%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	0.0%	30	0	-
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	33	17	94.1%	94	-64.9%	792	812	-2.5%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	3	-100.0%	3	2	50.0%
PETROLEUM PRODUCTS	CMS	0	20	-100.0%	0	0.0%	1,020	940	8.5%
PETROLEUM PRODUCTS	EWG	0	1,014	-100.0%	0	0.0%	1,406	3,843	-63.4%
PETROLEUM PRODUCTS	H5F	55	125	-56.0%	0	0.0%	455	350	30.0%
PETROLEUM PRODUCTS	JCC	375	1,642	-77.2%	100	275.0%	8,345	11,046	-24.5%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5F	20	90	-77.8%	7	185.7%	126	369	-65.9%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	210	-100.0%	210	1,148	-81.7%
PETROLEUM PRODUCTS ASIA	E6M	30	10	200.0%	0	0.0%	45	35	28.6%
PETROLEUM PRODUCTS ASIA	MJN	178	300	-40.7%	140	27.1%	2,972	6,626	-55.1%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG	
<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	0C	0	0.0%	0	-	0	0	0.0%	
PETRO OUTFRIGHT EURO	0D	36	36	0.0%	7	414.3%	204	209	-2.4%
PETRO OUTFRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0F	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	10	-100.0%	0	0.0%	90	10	800.0%
PETRO OUTFRIGHT EURO	7I	0	0	0.0%	0	0.0%	75	285	-73.7%
PETRO OUTFRIGHT EURO	7R	0	0	0.0%	7	-100.0%	67	38	76.3%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	50	-100.0%	55	0	0.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	15	-100.0%	15	30	-50.0%
PETRO OUTFRIGHT EURO	CPB	85	110	-22.7%	327	-74.0%	1,881	1,558	20.7%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	95	90	5.6%	65	46.2%	2,228	829	168.8%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	M1B	950	1,137	-16.4%	536	77.2%	7,206	9,091	-20.7%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	MBN	813	237	243.0%	920	-11.6%	5,257	4,834	8.8%
PETRO OUTFRIGHT EURO	MEF	20	0	0.0%	0	0.0%	22	79	-72.2%
PETRO OUTFRIGHT EURO	MQA	260	50	420.0%	257	1.2%	1,602	188	752.1%
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	R5M	824	1,837	-55.1%	654	26.0%	8,853	14,455	-38.8%
PETRO OUTFRIGHT EURO	R5O	553	760	-27.2%	559	-1.1%	4,660	8,340	-44.1%
PETRO OUTFRIGHT EURO	RBM	5	11	-54.5%	0	0.0%	107	106	0.9%
PETRO OUTFRIGHT EURO	S5B	6	0	0.0%	0	0.0%	7	5	40.0%
PETRO OUTFRIGHT EURO	S5F	583	70	732.9%	310	88.1%	3,113	961	223.9%
PETRO OUTFRIGHT EURO	S5M	1,442	2,215	-34.9%	1,404	2.7%	13,440	17,856	-24.7%
PETRO OUTFRIGHT EURO	S5O	936	1,588	-41.1%	602	55.5%	6,011	24,048	-75.0%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	SR5	0	63	-100.0%	0	0.0%	240	78	207.7%
PETRO OUTFRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ULB	275	0	-	0	0.0%	425	0	-



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
PETRO OUtright EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUtright NA	A8B	35	125	-72.0%	275	-87.3%	1,165	1,905	-38.8%
PETRO OUtright NA	AB6	0	35	-100.0%	365	-100.0%	2,640	2,830	-6.7%
PETRO OUtright NA	BCR	1,158	3,925	-70.5%	1,860	-37.7%	9,163	22,320	-58.9%
PETRO OUtright NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUtright NA	JE	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUtright NA	JET	2,725	800	240.6%	675	303.7%	13,785	4,110	235.4%
PETRO OUtright NA	JTB	275	0	0.0%	150	83.3%	1,875	2,061	-9.0%
PETRO OUtright NA	MBL	0	0	0.0%	0	0.0%	217	695	-68.8%
PETRO OUtright NA	MEN	50	35	42.9%	6	733.3%	368	573	-35.8%
PETRO OUtright NA	MEO	0	230	-100.0%	35	-100.0%	932	1,929	-51.7%
PETRO OUtright NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUtright NA	MMF	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	0	0.0%
PLASTICS	PGP	1,157	320	261.6%	627	84.5%	6,874	7,492	-8.2%
PREMIUM UNLND 10P FOB MED	3G	0	51	-100.0%	0	0.0%	15	111	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,078	1,351	-20.2%	2,447	-55.9%	10,560	13,156	-19.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	35,445	9,480	273.9%	24,905	42.3%	204,782	102,896	99.0%
RBOB CALENDAR SWAP	RL	7,423	1,952	280.3%	11,719	-36.7%	63,001	41,130	53.2%
RBOB CRACK SPREAD	RM	2,880	920	213.0%	685	320.4%	18,521	14,082	31.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	1,146	319	259.2%	531	115.8%	8,725	11,499	-24.1%
RBOB PHY	MRB	16	1	1,500.0%	4	300.0%	39	26	50.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	30	555	-94.6%
SINGAPORE 180CST BALMO	BS	0	2	-100.0%	0	0.0%	16	2	700.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	336	8	4,100.0%	80	320.0%	1,359	1,287	5.6%
SINGAPORE FUEL 180CST CAL	UA	5	0	-	0	0.0%	5	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	9	-100.0%	0	0.0%	24	39	-38.5%
SINGAPORE GASOIL	MAF	0	201	-100.0%	5	-100.0%	236	3,829	-93.8%
SINGAPORE GASOIL	MTB	0	10	-100.0%	0	0.0%	0	196	-100.0%
SINGAPORE GASOIL	MTS	117	476	-75.4%	91	28.6%	2,746	2,779	-1.2%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0.0%	10	332	-97.0%
SINGAPORE GASOIL CALENDAR	MSG	48	7	585.7%	140	-65.7%	464	1,158	-59.9%
SINGAPORE GASOIL SWAP	SG	874	175	399.4%	64	1,265.6%	6,207	3,140	97.7%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	72	-100.0%	0	0.0%	0	3,725	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	0.0%	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,074	0	0.0%	252	326.2%	4,436	600	639.3%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	172	264	-34.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	195	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0.0%	0	6,185	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	5,139	5,040	2.0%	4,740	8.4%	52,219	52,469	-0.5%
UP DOWN GC ULSD VS NMX HO	LT	41,036	23,182	77.0%	31,672	29.6%	250,168	228,041	9.7%
WTI-BRENT CALENDAR SWAP	BK	67,276	36,633	83.6%	48,966	37.4%	412,959	432,134	-4.4%
WTI CALENDAR	CS	65,318	62,155	5.1%	61,398	6.4%	494,745	509,543	-2.9%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	1,900	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	9,336	3,915	138.5%	1,425	555.2%	27,661	22,777	21.4%
WTS (ARGUS) VS WTI TRD MT	FH	600	450	33.3%	660	-9.1%	2,509	6,335	-60.4%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	546	42	1,200.0%	546	0.0%	2,160	3,128	-30.9%
BRENT CRUDE OIL 1 M CSO	9C	0	12,000	-100.0%	0	0.0%	600	101,250	-99.4%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0.0%	28,196	90,337	-68.8%
BRENT OIL LAST DAY	BZO	9,900	11,983	-17.4%	7,677	29.0%	84,482	151,925	-44.4%
COAL API2 INDEX	F2C	0	0	0.0%	0	0.0%	280	390	-28.2%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	0	100	-100.0%
CRUDE OIL	6Y	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	WA	120,300	43,302	177.8%	90,750	32.6%	473,150	535,058	-11.6%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
CRUDE OIL APO	AO	32,884	24,772	32.7%	27,002	21.8%	223,212	175,811	27.0%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	6,725	0	-	4,025	67.1%	50,786	0	-
CRUDE OIL PHY	LC	18,588	29,900	-37.8%	16,962	9.6%	215,788	302,738	-28.7%
CRUDE OIL PHY	LO	2,545,167	2,256,904	12.8%	2,067,901	23.1%	18,812,665	20,097,393	-6.4%
CRUDE OIL PHY	LO1	68,656	52,375	31.1%	60,897	12.7%	401,067	260,193	54.1%
CRUDE OIL PHY	LO2	50,525	35,217	43.5%	50,928	-0.8%	373,941	189,407	97.4%
CRUDE OIL PHY	LO3	37,492	20,538	82.5%	43,270	-13.4%	272,671	135,509	101.2%
CRUDE OIL PHY	LO4	54,337	36,960	47.0%	43,459	25.0%	358,904	257,351	39.5%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%	125,905	44,155	185.1%
CRUDE OIL PHY	MCO	23,312	7,252	221.5%	12,782	82.4%	134,260	16,087	734.6%
CRUDE OIL PHY	ML1	6,641	0	-	2	331,950.0%	6,643	0	-
CRUDE OIL PHY	ML2	6,146	0	-	0	-	6,146	0	-
CRUDE OIL PHY	ML3	8,116	0	-	0	-	8,116	0	-
CRUDE OIL PHY	ML4	8,021	0	-	0	-	8,021	0	-
CRUDE OIL PHY	MW1	4,361	2,695	61.8%	1,513	188.2%	14,890	3,368	342.1%
CRUDE OIL PHY	MW2	1,513	2,447	-38.2%	1,874	-19.3%	13,259	3,639	264.4%
CRUDE OIL PHY	MW3	589	1,356	-56.6%	1,140	-48.3%	10,747	1,514	609.8%
CRUDE OIL PHY	MW4	1,686	1,990	-15.3%	1,178	43.1%	17,909	5,004	257.9%
CRUDE OIL PHY	MW5	0	0	0.0%	0	0.0%	4,649	1,537	202.5%
CRUDE OIL PHY	WL1	4,105	0	-	0	-	4,105	0	-
CRUDE OIL PHY	WL2	7,565	0	-	1	756,400.0%	7,566	0	-
CRUDE OIL PHY	WL3	9,133	0	-	0	-	9,133	0	-
CRUDE OIL PHY	WL4	9,130	0	-	0	-	9,130	0	-
CRUDE OIL PHY	WL5	12,816	0	-	0	-	12,816	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	2,455	1,498	63.9%	1,087	125.9%	18,019	25,885	-30.4%
ETHANOL SWAP	GVR	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	0.0%	0	0.0%	0	30	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	750	-100.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	78	0	0.0%	0	0.0%	184	382	-51.8%
HEATING OIL PHY	OH	19,227	11,512	67.0%	5,110	276.3%	92,097	90,574	1.7%
HENRY HUB FINANCIAL LAST	E7	29,301	2,587	1,032.6%	15,981	83.3%	126,705	39,559	220.3%
HENRY HUB FINANCIAL LAST	ECNG	967	0	-	854	13.2%	17,956	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
HO 1 MONTH CLNDR OPTIONS	FA	7,350	750	880.0%	9,600	-23.4%	29,000	5,375	439.5%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	2,400	-100.0%	0	0.0%	3,000	3,300	-9.1%
MCCLOSKEY ARA ARG5 COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	1,662	332	400.6%	284	485.2%	2,064	682	202.6%
NATURAL GAS	LN2	272	12	2,166.7%	242	12.4%	616	710	-13.2%
NATURAL GAS	LN3	56	10	460.0%	298	-81.2%	871	1,072	-18.7%
NATURAL GAS	LN4	375	0	0.0%	1,161	-67.7%	1,538	1,516	1.5%
NATURAL GAS	LN5	0	0	0.0%	0	0.0%	14	5	180.0%
NATURAL GAS 1 M CSO FIN	G4	118,975	77,050	54.4%	111,900	6.3%	707,832	755,692	-6.3%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	1,000	-100.0%	1,250	14,100	-91.1%
NATURAL GAS 3 M CSO FIN	G3	64,220	47,450	35.3%	21,810	194.5%	604,270	308,550	95.8%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	8,650	46,250	-81.3%
NATURAL GAS 6 M CSO FIN	G6	0	4,500	-100.0%	0	0.0%	65,250	85,400	-23.6%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	0	0.0%	0	0.0%	0	5,400	-100.0%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0.0%	0	700	-100.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	0	0.0%	0	0.0%	0	600	-100.0%
NATURAL GAS PHY	KD	1,800	1,250	44.0%	150	1,100.0%	4,050	11,580	-65.0%
NATURAL GAS PHY	LN	3,238,942	1,711,023	89.3%	2,256,570	43.5%	21,015,346	16,704,547	25.8%
NATURAL GAS PHY	ON	112,882	61,815	82.6%	99,190	13.8%	724,924	728,810	-0.5%
NATURAL GAS PHY	ON3	0	0	-	0	0.0%	1	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	3,296	3,459	-4.7%	4,356	-24.3%	28,551	17,391	64.2%
PETROCHEMICALS	4H	3	1	200.0%	6	-50.0%	406	3,164	-87.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0.0%	90	375	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	-	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	500	0	0.0%	0	0.0%	500	2,550	-80.4%
RBOB CALENDAR SWAP	RA	60	160	-62.5%	0	0.0%	60	3,557	-98.3%
RBOB PHY	OB	4,838	5,878	-17.7%	4,265	13.4%	28,387	31,069	-8.6%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOIUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
RBOB PHY	RF	142	140	1.4%	0	0.0%	187	1,400	-86.6%
SHORT TERM	U11	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	0	550	-100.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	700	100	600.0%
SHORT TERM	U14	0	0	0.0%	0	0.0%	100	500	-80.0%
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM	U23	0	0	-	0	0.0%	50	0	-
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U25	0	200	-100.0%	0	0.0%	0	400	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	350	-100.0%	500	250	100.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	150	0	0.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	4,150	0	0.0%
SHORT TERM NATURAL GAS	U04	0	550	-100.0%	0	0.0%	300	950	-68.4%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	1,000	500	100.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	150	550	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	0	925	-100.0%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	400	200	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	50	0	0.0%
SHORT TERM NATURAL GAS	U18	0	50	-100.0%	0	0.0%	0	350	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	300	550	-45.5%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	100	-100.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	350	0	0.0%	0	0.0%	350	950	-63.2%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U30	200	0	0.0%	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	1,700	200	750.0%
WTI-BRENT BULLET SWAP	BV	28,100	26,775	4.9%	8,550	228.7%	130,200	305,495	-57.4%
WTI CRUDE OIL 1 M CSO FI	7A	97,150	42,500	128.6%	28,475	241.2%	558,110	460,400	21.2%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOIUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	3,526,416	3,437,810	2.6%	5,146,192	-31.5%	38,651,629	37,058,599	4.3%
NYMEX HOT ROLLED STEEL	HR	20,311	21,069	-3.6%	25,264	-19.6%	221,156	179,215	23.4%
NYMEX PLATINUM	PL	492,256	373,986	31.6%	358,034	37.5%	3,709,624	3,229,198	14.9%
PALLADIUM	PA	122,939	55,490	121.6%	48,300	154.5%	546,833	377,153	45.0%
URANIUM	UX	0	0	0.0%	0	0.0%	0	24	-100.0%
COMEX SILVER	SI	1,869,421	1,570,874	19.0%	1,189,954	57.1%	12,352,257	11,398,423	8.4%
COMEX E-Mini GOLD	QO	18,890	22,372	-15.6%	25,057	-24.6%	278,507	237,972	17.0%
COMEX E-Mini SILVER	QI	4,124	3,505	17.7%	3,783	9.0%	46,334	30,734	50.8%
COMEX COPPER	HG	2,540,100	2,117,890	19.9%	1,763,625	44.0%	17,598,246	14,196,885	24.0%
COMEX MINY COPPER	QC	5,354	3,792	41.2%	3,966	35.0%	46,188	29,098	58.7%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	10	3,445	-99.7%	2,596	-99.6%	16,218	15,475	4.8%
ALUMINUM	ALA	0	30	-100.0%	0	0.0%	240	1,775	-86.5%
ALUMINUM	ALI	90,973	41,839	117.4%	80,005	13.7%	620,083	213,076	191.0%
ALUMINUM	AUP	4,716	11,339	-58.4%	5,264	-10.4%	48,953	54,944	-10.9%
ALUMINUM	EDP	850	6,665	-87.2%	6,780	-87.5%	32,335	38,590	-16.2%
ALUMINUM	MJP	10	300	-96.7%	0	0.0%	770	2,740	-71.9%
COBALT METAL FUTURES	COB	1,320	611	116.0%	2,818	-53.2%	21,306	7,050	202.2%
COPPER	HGS	986	1,966	-49.8%	994	-0.8%	12,712	14,438	-12.0%
COPPER	MHG	105,572	71,907	46.8%	90,453	16.7%	864,874	279,043	209.9%
FERROUS PRODUCTS	BUS	1,075	2,049	-47.5%	748	43.7%	8,182	20,465	-60.0%
FERROUS PRODUCTS	FSF	12	0	-	9	33.3%	154	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	115	1,071	-89.3%	18	538.9%	1,998	6,902	-71.1%
GOLD	SGU	138	2,649	-94.8%	33	318.2%	2,146	49,926	-95.7%
HOT ROLLED COIL STEEL FUTURES	EHR	3,924	5,996	-34.6%	4,084	-3.9%	41,303	24,407	69.2%
IRON ORE CHINA	TIO	770	2,203	-65.0%	61	1,162.3%	2,406	11,663	-79.4%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	8	-100.0%	8	0	-
METALS	HDG	0	45	-100.0%	0	0.0%	1,431	492	190.9%
METALS	LTH	2,435	0	0.0%	1,745	39.5%	6,513	0	0.0%
METALS	PAC	0	0	0.0%	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	1,052,708	922,779	14.1%	1,263,220	-16.7%	11,476,309	8,691,382	32.0%
MOLYBDENUM OXIDE FUTURES	MOX	131	0	-	20	555.0%	907	0	-
SILVER	SIL	207,345	142,533	45.5%	208,685	-0.6%	1,756,547	1,276,723	37.6%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOLUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	929	0	-	1,320	-29.6%	8,853	0	-
COMEX COPPER	HX	109,564	97,932	11.9%	119,446	-8.3%	1,040,505	648,030	60.6%
COMEX GOLD	ECGC	4,732	0	-	3,966	19.3%	49,831	0	-
COMEX GOLD	OG	746,581	596,876	25.1%	723,232	3.2%	7,690,193	6,793,524	13.2%
COMEX SILVER	ECSI	616	0	-	3,919	-84.3%	32,440	0	-
COMEX SILVER	SO	149,882	84,079	78.3%	143,823	4.2%	1,261,142	835,295	51.0%
COPPER	ECHG	415	0	-	1,030	-59.7%	24,981	0	-
COPPER	H1E	1,799	354	408.2%	1,116	61.2%	7,499	1,312	471.6%
COPPER	H1M	1,072	0	0.0%	87	1,132.2%	2,471	277	792.1%
COPPER	H1W	4,264	346	1,132.4%	810	426.4%	7,238	940	670.0%
COPPER	H2E	608	116	424.1%	400	52.0%	6,113	1,839	232.4%
COPPER	H2M	230	145	58.6%	374	-38.5%	2,970	516	475.6%
COPPER	H2W	175	56	212.5%	276	-36.6%	3,058	285	973.0%
COPPER	H3E	578	90	542.2%	670	-13.7%	5,819	1,777	227.5%
COPPER	H3M	304	55	452.7%	595	-48.9%	1,938	579	234.7%
COPPER	H3W	224	44	409.1%	686	-67.3%	2,743	219	1,152.5%
COPPER	H4E	540	208	159.6%	563	-4.1%	3,517	1,930	82.2%
COPPER	H4M	21	131	-84.0%	140	-85.0%	1,614	302	434.4%
COPPER	H4W	130	45	188.9%	120	8.3%	1,290	250	416.0%
COPPER	H5E	0	0	0.0%	0	0.0%	627	479	30.9%
COPPER	H5M	0	219	-100.0%	429	-100.0%	620	219	183.1%
COPPER	H5W	1,258	536	134.7%	0	0.0%	1,849	713	159.3%
GOLD	G1M	7,721	774	897.5%	3,409	126.5%	79,725	10,410	665.9%
GOLD	G1W	10,962	7,790	40.7%	15,591	-29.7%	87,935	22,199	296.1%
GOLD	G2M	8,998	5,518	63.1%	10,162	-11.5%	87,307	21,194	311.9%
GOLD	G2W	11,043	5,859	88.5%	17,446	-36.7%	91,804	17,229	432.8%
GOLD	G3M	10,343	4,273	142.1%	6,409	61.4%	60,001	10,807	455.2%
GOLD	G3W	9,297	4,488	107.2%	9,212	0.9%	87,244	22,493	287.9%
GOLD	G4M	787	3,036	-74.1%	5,962	-86.8%	53,602	9,092	489.6%
GOLD	G4W	8,875	4,872	82.2%	696	1,175.1%	61,329	16,132	280.2%
GOLD	G5M	0	4,645	-100.0%	6,641	-100.0%	14,566	4,645	213.6%
GOLD	G5W	8,926	6,065	47.2%	0	0.0%	27,178	14,006	94.0%
GOLD	OG1	48,526	49,931	-2.8%	35,727	35.8%	372,691	385,268	-3.3%
GOLD	OG2	37,097	36,766	0.9%	46,115	-19.6%	415,678	384,050	8.2%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOIUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Options</b>									
GOLD	OG3	38,243	32,876	16.3%	30,263	26.4%	403,916	388,036	4.1%
GOLD	OG4	29,758	22,060	34.9%	37,546	-20.7%	266,636	314,881	-15.3%
GOLD	OG5	0	0	0.0%	0	0.0%	74,484	78,201	-4.8%
IRON ORE CHINA	ICT	0	300	-100.0%	0	0.0%	0	300	-100.0%
NYMEX HOT ROLLED STEEL	HRO	2,370	900	163.3%	1,938	22.3%	18,303	12,350	48.2%
NYMEX PLATINUM	PO	13,154	3,600	265.4%	15,014	-12.4%	131,568	43,987	199.1%
PALLADIUM	PAO	464	12	3,766.7%	437	6.2%	6,940	123	5,542.3%
SILVER	M1S	1,019	19	5,263.2%	781	30.5%	10,590	687	1,441.5%
SILVER	M2S	3,516	364	865.9%	1,550	126.8%	15,501	1,518	921.1%
SILVER	M3S	2,919	276	957.6%	1,392	109.7%	8,294	843	883.9%
SILVER	M4S	132	251	-47.4%	916	-85.6%	6,080	756	704.2%
SILVER	M5S	0	202	-100.0%	1,682	-100.0%	2,289	202	1,033.2%
SILVER	SO1	8,947	4,923	81.7%	5,170	73.1%	59,601	36,993	61.1%
SILVER	SO2	8,200	3,720	120.4%	8,470	-3.2%	65,638	40,999	60.1%
SILVER	SO3	7,196	3,071	134.3%	5,729	25.6%	53,352	29,684	79.7%
SILVER	SO4	6,621	4,591	44.2%	7,435	-10.9%	36,537	27,112	34.8%
SILVER	SO5	0	0	0.0%	0	0.0%	12,213	5,475	123.1%
SILVER	W1S	2,582	309	735.6%	3,694	-30.1%	16,395	1,244	1,217.9%
SILVER	W2S	1,798	190	846.3%	1,880	-4.4%	12,660	892	1,319.3%
SILVER	W3S	1,929	234	724.4%	1,267	52.2%	12,418	1,010	1,129.5%
SILVER	W4S	1,651	100	1,551.0%	145	1,038.6%	7,073	548	1,190.7%
SILVER	W5S	2,431	434	460.1%	0	0.0%	4,395	756	481.3%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%
Energy Futures		41,345,242	36,596,567	13.0%	34,310,651	20.5%	300,901,527	313,155,644	-3.9%
Metals Futures		10,072,901	8,824,215	14.2%	10,231,716	-1.6%	88,366,669	77,447,692	14.1%
<b>TOTAL FUTURES</b>		<b>51,418,143</b>	<b>45,420,782</b>	<b>13.2%</b>	<b>44,542,367</b>	<b>15.4%</b>	<b>389,268,196</b>	<b>390,603,336</b>	<b>-0.3%</b>

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME AUG 2023	VOLUME AUG 2022	% CHG	VOIUME JUL 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	6,781,455	4,541,635	49.3%	5,003,246	35.5%	45,872,025	42,042,589	9.1%
Metals Options	1,319,427	993,681	32.8%	1,285,681	2.6%	12,821,254	10,192,608	25.8%
<b>TOTAL OPTIONS</b>	<b>8,100,882</b>	<b>5,535,316</b>	<b>46.3%</b>	<b>6,288,927</b>	<b>28.8%</b>	<b>58,693,279</b>	<b>52,235,197</b>	<b>12.4%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	0	0.0%	0		0	0	-
Energy	48,126,697	41,138,202	17.0%	39,313,897	22.4%	346,773,552	355,198,233	-2.4%
Metals	11,392,328	9,817,896	16.0%	11,517,397	-1.1%	101,187,923	87,640,300	15.5%
<b>GRAND TOTAL</b>	<b>59,519,025</b>	<b>50,956,098</b>	<b>16.8%</b>	<b>50,831,294</b>	<b>17.1%</b>	<b>447,961,475</b>	<b>442,838,533</b>	<b>1.2%</b>