

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	16,382,680	16,111,251	1.7%	18,002,630	-9.0%	117,166,564	127,563,927	-8.2%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	QM	268,736	654,834	-59.0%	343,919	-21.9%	2,281,927	4,402,719	-48.2%
BRENT OIL LAST DAY	BZ	1,064,524	1,321,274	-19.4%	1,236,060	-13.9%	8,086,789	10,675,929	-24.3%
HEATING OIL PHY	HO	3,104,862	2,896,173	7.2%	3,258,165	-4.7%	21,775,673	23,702,351	-8.1%
HTG OIL	BH	36	36	0.0%	0	0.0%	84	72	16.7%
MINY HTG OIL	QH	5	11	-54.5%	13	-61.5%	72	57	26.3%
RBOB PHY	RB	3,748,996	2,964,368	26.5%	4,390,089	-14.6%	25,510,546	26,237,243	-2.8%
MINY RBOB GAS	QU	6	7	-14.3%	7	-14.3%	68	60	13.3%
NATURAL GAS	HP	136,135	136,969	-0.6%	165,759	-17.9%	1,331,269	1,296,738	2.7%
LTD NAT GAS	HH	269,541	291,934	-7.7%	324,143	-16.8%	2,424,423	2,520,308	-3.8%
MINY NATURAL GAS	QG	148,199	314,192	-52.8%	183,865	-19.4%	1,698,037	2,242,911	-24.3%
NATURAL GAS PHY	NG	6,478,580	5,826,935	11.2%	9,070,441	-28.6%	58,293,921	53,221,312	9.5%
RBOB GAS	RT	12	24	-50.0%	0	0.0%	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	2,240	8,180	-72.6%	2,375	-5.7%	26,320	39,085	-32.7%
ARGUS PROPAN FAR EST INDE	7E	8,213	4,635	77.2%	9,023	-9.0%	58,991	39,301	50.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,493	1,306	90.9%	2,356	5.8%	19,880	14,102	41.0%
BRENT BALMO SWAP	J9	15	0	0.0%	20	-25.0%	35	1,587	-97.8%
BRENT CALENDAR SWAP	CY	4,310	10,029	-57.0%	5,073	-15.0%	59,474	102,375	-41.9%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	240	-100.0%	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	4,420	6,167	-28.3%	5,981	-26.1%	73,480	19,036	286.0%
CAR VINTAGE	NGO	4,667	15,297	-69.5%	3,740	24.8%	43,138	86,983	-50.4%
CEU ENERGY	TFU	330	0	-	0	-	330	0	-
CHICAGO ETHANOL SWAP	CU	71,785	55,492	29.4%	90,038	-20.3%	513,240	406,523	26.3%
CHICAGO ULSD PL VS HO SPR	5C	2,415	425	468.2%	1,305	85.1%	8,280	4,113	101.3%

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Energy Futures									
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	36	0	0.0%	72	-50.0%	486	1,721	-71.8%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	333	550	-39.5%	510	-34.7%	2,033	2,542	-20.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	17,922	13,825	29.6%	21,781	-17.7%	134,540	108,320	24.2%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	120	572	-79.0%	139	-13.7%	2,691	2,946	-8.7%
CRUDE OIL OUTRIGHTS	42	883	708	24.7%	236	274.2%	2,697	6,846	-60.6%
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	105	-100.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	120,209	51,034	135.5%	106,080	13.3%	978,769	485,266	101.7%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0.0%	100	3,830	-97.4%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0.0%	0	16,530	-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	1,698,892	2,585,141	-34.3%	2,108,466	-19.4%	13,487,967	18,232,736	-26.0%
CRUDE OIL SPRDS	ANT	2,403	860	179.4%	0	0.0%	5,233	5,981	-12.5%
CRUDE OIL SPRDS	BKT	0	0	-	750	-100.0%	750	0	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	45,125	41,039	10.0%	49,488	-8.8%	452,649	354,728	27.6%
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%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
DUBAI CRUDE OIL CALENDAR	DC	400	0	0.0%	0	0.0%	400	2,000	-80.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	28,974	21	137,871.4%	26,713	8.5%	68,644	14,394	376.9%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	60	-100.0%	781	816	-4.3%
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	3,219	3,695	-12.9%	1,595	101.8%	16,012	9,527	68.1%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	10	0	-	0	0.0%	36	0	-
ETHANOL SWAP	MT2	140	135	3.7%	525	-73.3%	2,340	1,435	63.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,180	1,248	234.9%	5,324	-21.5%	29,984	19,123	56.8%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	87	-100.0%	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	0	0	0.0%	3	-100.0%	223	546	-59.2%
EUROPEAN GASOIL (ICE)	7F	0	1,738	-100.0%	24	-100.0%	261	12,599	-97.9%
EUROPEAN NAPHTHA BALMO	KZ	25	7	257.1%	0	0.0%	89	152	-41.4%
EUROPEAN NAPHTHA CRACK SPR	EN	3,263	843	287.1%	2,697	21.0%	22,421	17,548	27.8%
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	636	307	107.2%	840	-24.3%	6,689	4,731	41.4%
EURO PROPANE CIF ARA SWA	PS	2,235	920	142.9%	1,881	18.8%	13,750	11,345	21.2%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	15	45	-66.7%	90	-83.3%	1,200	345	247.8%
FREIGHT MARKETS	CS3	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	0	0	0.0%	40	-100.0%	70	360	-80.6%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0.0%	10	0	0.0%
FREIGHT MARKETS	FLP	0	30	-100.0%	24	-100.0%	29	222	-86.9%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	0	0.0%
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%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
FREIGHT MARKETS	USE	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	0	36	-100.0%	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	524	173	202.9%	355	47.6%	1,848	1,583	16.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	354	705	-49.8%	1,988	-82.2%	10,385	20,297	-48.8%
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	0	5	-100.0%	0	0.0%	0	65	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	0	6	-100.0%	9	-100.0%	45	941	-95.2%
GASOIL CRACK SPREAD CALEN	GZ	0	87	-100.0%	0	0.0%	525	10,842	-95.2%
GASOIL MINI CALENDAR SWAP	QA	208	158	31.6%	176	18.2%	1,443	2,511	-42.5%
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	5,695	3,155	80.5%	5,520	3.2%	29,216	35,585	-17.9%
GRP THREE UNL GS (PLT) VS	A8	2,030	1,707	18.9%	1,507	34.7%	17,017	25,622	-33.6%
GULF COAST 3% FUEL OIL BA	VZ	0	107	-100.0%	0	0.0%	0	847	-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	11,645	4,085	185.1%	11,298	3.1%	69,987	77,509	-9.7%
GULF COAST NO.6 FUEL OIL	MF	2,559	1,621	57.9%	6,329	-59.6%	32,944	22,606	45.7%
GULF COAST NO.6 FUEL OIL	MG	15,396	7,765	98.3%	11,375	35.3%	100,225	47,305	111.9%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	60	-100.0%	862	728	18.4%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	93	265	-64.9%	295	-68.5%	1,256	3,170	-60.4%
HEATING OIL CRCK SPRD BAL	1H	0	127	-100.0%	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	0	3	-100.0%	0	0.0%	10	6	66.7%
HENRY HUB SWAP	NN	17,940	15,141	18.5%	17,171	4.5%	232,191	188,833	23.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0.0%	190	2,193	-91.3%
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%
JAPAN C&F NAPHTHA CRACK S	JB	0	214	-100.0%	5	-100.0%	5	312	-98.4%

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Energy Futures									
JAPAN C&F NAPHTHA SWAP	JA	67	121	-44.6%	381	-82.4%	1,129	935	20.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	12	6	100.0%
JET CIF NWE VS ICE	JC	0	120	-100.0%	0	0.0%	186	1,447	-87.1%
JET FUEL UP-DOWN BALMO CL	1M	1,590	705	125.5%	1,375	15.6%	7,061	14,666	-51.9%
JKM LNG Futures	JKM	0	48	-100.0%	0	0.0%	0	2,155	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	100	0	0.0%	0	0.0%	2,368	2,191	8.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	360	125	188.0%	910	-60.4%	4,065	3,275	24.1%
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	1,610	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	10,690	10,673	0.2%	15,820	-32.4%	122,660	106,946	14.7%
MCCLOSKEY ARA ARGS COAL	MTF	588	4,073	-85.6%	1,224	-52.0%	6,933	47,086	-85.3%
MCCLOSKEY RCH BAY COAL	MFF	0	166	-100.0%	0	0.0%	12	2,990	-99.6%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	110	10	1,000.0%	0	0.0%	130	233	-44.2%
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	0	348	-100.0%	43	-100.0%	929	2,734	-66.0%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	MNC	479	1,279	-62.5%	652	-26.5%	7,337	11,617	-36.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	45,897	34,186	34.3%	25,613	79.2%	235,012	249,726	-5.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	80	415	-80.7%	415	-80.7%	4,525	6,193	-26.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	208,940	121,218	72.4%	246,355	-15.2%	1,604,853	1,168,135	37.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,621	2,366	10.8%	1,832	43.1%	16,988	21,974	-22.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	22,756	25,125	-9.4%	36,809	-38.2%	180,065	163,173	10.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	668	2,119	-68.5%	2,045	-67.3%	10,936	9,685	12.9%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	82,302	50,433	63.2%	76,049	8.2%	471,794	366,257	28.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	696	769	-9.5%	879	-20.8%	8,057	10,749	-25.0%
NATURAL GAS	NWM	330	0	-	0	0.0%	480	0	-
NATURAL GAS PEN SWP	NP	14,715	34,796	-57.7%	25,491	-42.3%	154,760	353,442	-56.2%
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	1,265	825	53.3%	1,185	6.8%	5,092	6,112	-16.7%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%



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Energy Futures									
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	1,590	1,311	21.3%	2,527	-37.1%	17,153	8,032	113.6%
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	25	-100.0%	70	-100.0%	750	1,075	-30.2%
NYH NO 2 CRACK SPREAD CAL	HK	3,645	675	440.0%	4,066	-10.4%	26,836	14,645	83.2%
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	1,101	1,499	-26.6%	4,892	-77.5%	9,705	3,580	171.1%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	143	66	116.7%	81	76.5%	1,215	941	29.1%
PETROCHEMICALS	32	57	31	83.9%	15	280.0%	553	280	97.5%
PETROCHEMICALS	3NA	8	0	0.0%	85	-90.6%	369	178	107.3%
PETROCHEMICALS	51	13	2	550.0%	0	0.0%	13	15	-13.3%
PETROCHEMICALS	81	0	60	-100.0%	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	258	333	-22.5%	518	-50.2%	4,585	6,327	-27.5%
PETROCHEMICALS	91	330	55	500.0%	289	14.2%	2,823	2,154	31.1%
PETROCHEMICALS	MAA	110	0	0.0%	170	-35.3%	1,020	420	142.9%
PETROCHEMICALS	MAE	1,486	640	132.2%	1,682	-11.7%	10,361	7,480	38.5%
PETROCHEMICALS	MAS	453	335	35.2%	300	51.0%	3,278	2,750	19.2%
PETROCHEMICALS	MBE	110	0	0.0%	280	-60.7%	720	610	18.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	782	319	145.1%	448	74.6%	3,688	1,583	133.0%
PETROCHEMICALS	PMF	0	0	0.0%	6	-100.0%	26	12	116.7%
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	16,510	19,565	-15.6%	10,190	62.0%	82,506	122,476	-32.6%
PETRO CRCKS & SPRDS NA	EXR	66	142	-53.5%	260	-74.6%	1,558	2,382	-34.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	100	-100.0%	450	-100.0%	935	625	49.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	375	-100.0%	375	150	150.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0.0%	96	275	-65.1%

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.

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Commodity		VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	20	-100.0%	795	1,350	-41.1%
PETRO CRCKS & SPRDS NA	HOB	30	0	0.0%	0	0.0%	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	80	50	60.0%	595	-86.6%	4,549	5,603	-18.8%
PETRO CRCKS & SPRDS NA	RVG	450	1,069	-57.9%	35	1,185.7%	9,119	16,896	-46.0%
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	8	0	0.0%	0	0.0%	103	121	-14.9%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0.0%	120	575	-79.1%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	459	310	48.1%	678	-32.3%	2,915	2,495	16.8%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	30	-100.0%	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	94	83	13.3%	194	-51.5%	759	795	-4.5%
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	3	0	0.0%	0	0.0%	3	2	50.0%
PETROLEUM PRODUCTS	CMS	0	200	-100.0%	0	0.0%	1,020	920	10.9%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0.0%	1,406	2,829	-50.3%
PETROLEUM PRODUCTS	H5F	0	40	-100.0%	75	-100.0%	400	225	77.8%
PETROLEUM PRODUCTS	JCC	100	1,548	-93.5%	0	0.0%	7,970	9,404	-15.2%
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	7	18	-61.1%	10	-30.0%	106	279	-62.0%
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	210	0	0.0%	0	0.0%	210	1,148	-81.7%
PETROLEUM PRODUCTS ASIA	E6M	0	5	-100.0%	0	0.0%	15	25	-40.0%
PETROLEUM PRODUCTS ASIA	MJN	140	185	-24.3%	330	-57.6%	2,794	6,326	-55.8%
PETRO OUTRIGHT EURO	OB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	OC	0	0	0.0%	0	-	0	0	0.0%

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	Commodity	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	0D	7	28	-75.0%	0	0.0%	168	173	-2.9%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	-	20	-100.0%	90	0	-
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0.0%	75	285	-73.7%
PETRO OUTRIGHT EURO	7R	7	6	16.7%	30	-76.7%	67	38	76.3%
PETRO OUTRIGHT EURO	CBB	50	0	0.0%	0	0.0%	55	0	0.0%
PETRO OUTRIGHT EURO	CGB	15	0	0.0%	0	0.0%	15	30	-50.0%
PETRO OUTRIGHT EURO	CPB	327	115	184.3%	40	717.5%	1,796	1,448	24.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	65	69	-5.8%	281	-76.9%	2,133	739	188.6%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	M1B	536	952	-43.7%	801	-33.1%	6,256	7,954	-21.3%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	MBN	920	176	422.7%	826	11.4%	4,444	4,597	-3.3%
PETRO OUTRIGHT EURO	MEF	0	10	-100.0%	0	0.0%	2	79	-97.5%
PETRO OUTRIGHT EURO	MQA	257	0	0.0%	260	-1.2%	1,342	138	872.5%
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	R5M	654	1,242	-47.3%	978	-33.1%	8,029	12,618	-36.4%
PETRO OUTRIGHT EURO	R5O	559	507	10.3%	695	-19.6%	4,107	7,580	-45.8%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0.0%	102	95	7.4%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	1	-100.0%	1	5	-80.0%
PETRO OUTRIGHT EURO	S5F	310	119	160.5%	381	-18.6%	2,530	891	184.0%
PETRO OUTRIGHT EURO	S5M	1,404	1,834	-23.4%	1,692	-17.0%	11,998	15,641	-23.3%
PETRO OUTRIGHT EURO	S5O	602	2,560	-76.5%	646	-6.8%	5,075	22,460	-77.4%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	SR5	0	15	-100.0%	0	0.0%	240	15	1,500.0%
PETRO OUTRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	0.0%	150	0	-
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO OUTRIGHT NA	A8B	275	560	-50.9%	365	-24.7%	1,130	1,780	-36.5%
PETRO OUTRIGHT NA	AB6	365	740	-50.7%	625	-41.6%	2,640	2,795	-5.5%
PETRO OUTRIGHT NA	BCR	1,860	1,260	47.6%	1,560	19.2%	8,005	18,395	-56.5%
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	675	325	107.7%	3,485	-80.6%	11,060	3,310	234.1%
PETRO OUTRIGHT NA	JTB	150	450	-66.7%	900	-83.3%	1,600	2,061	-22.4%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	60	-100.0%	217	695	-68.8%
PETRO OUTRIGHT NA	MEN	6	42	-85.7%	10	-40.0%	318	538	-40.9%
PETRO OUTRIGHT NA	MEO	35	255	-86.3%	160	-78.1%	932	1,699	-45.1%
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	627	571	9.8%	1,094	-42.7%	5,717	7,172	-20.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0.0%	15	60	-75.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,447	1,170	109.1%	1,120	118.5%	9,482	11,805	-19.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	24,905	12,103	105.8%	37,625	-33.8%	169,337	93,416	81.3%
RBOB CALENDAR SWAP	RL	11,719	3,305	254.6%	5,263	122.7%	55,578	39,178	41.9%
RBOB CRACK SPREAD	RM	685	330	107.6%	1,765	-61.2%	15,641	13,162	18.8%
RBOB CRACK SPREAD BALMO S	1E	0	127	-100.0%	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	531	794	-33.1%	1,359	-60.9%	7,579	11,180	-32.2%
RBOB PHY	MRB	4	14	-71.4%	1	300.0%	23	25	-8.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	180	-100.0%	0	0.0%	30	555	-94.6%
SINGAPORE 180CST BALMO	BS	0	0	-	3	-100.0%	16	0	-
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	80	11	627.3%	163	-50.9%	1,023	1,279	-20.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	0.0%	0	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	24	30	-20.0%
SINGAPORE GASOIL	MAF	5	375	-98.7%	6	-16.7%	236	3,628	-93.5%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	0	186	-100.0%
SINGAPORE GASOIL	MTS	91	320	-71.6%	227	-59.9%	2,629	2,303	14.2%
SINGAPORE GASOIL	SBM	0	0	0.0%	10	-100.0%	10	332	-97.0%
SINGAPORE GASOIL CALENDAR	MSG	140	23	508.7%	54	159.3%	416	1,151	-63.9%
SINGAPORE GASOIL SWAP	SG	64	75	-14.7%	1,068	-94.0%	5,333	2,965	79.9%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0.0%	0	3,653	-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	252	0	0.0%	1,235	-79.6%	3,362	600	460.3%
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	4,740	3,174	49.3%	6,265	-24.3%	47,080	47,429	-0.7%
UP DOWN GC ULSD VS NMX HO	LT	31,672	14,191	123.2%	31,230	1.4%	209,132	204,859	2.1%
WTI-BRENT CALENDAR SWAP	BK	48,966	38,293	27.9%	53,237	-8.0%	345,683	395,501	-12.6%
WTI CALENDAR	CS	61,398	31,385	95.6%	57,407	7.0%	429,427	447,388	-4.0%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	1,000	-100.0%	1,900	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	1,425	315	352.4%	6,150	-76.8%	18,325	18,862	-2.8%
WTS (ARGUS) VS WTI TRD MT	FH	660	0	0.0%	0	0.0%	1,909	5,885	-67.6%
Energy Options									
BRENT CALENDAR SWAP	BA	546	0	0.0%	90	506.7%	1,614	3,086	-47.7%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	600	-100.0%	600	89,250	-99.3%
BRENT OIL LAST DAY	BE	0	175	-100.0%	500	-100.0%	28,196	90,337	-68.8%
BRENT OIL LAST DAY	BZO	7,677	10,945	-29.9%	8,354	-8.1%	74,582	139,942	-46.7%
COAL API2 INDEX	F2C	0	0	0.0%	100	-100.0%	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	90,750	31,760	185.7%	44,975	101.8%	352,850	491,756	-28.2%
CRUDE OIL APO	AO	27,002	20,794	29.9%	27,127	-0.5%	190,328	151,039	26.0%

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Energy Options									
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	4,025	0	-	2,636	52.7%	44,061	0	-
CRUDE OIL PHY	LC	16,962	17,480	-3.0%	15,322	10.7%	197,200	272,838	-27.7%
CRUDE OIL PHY	LO	2,067,901	2,286,774	-9.6%	2,487,614	-16.9%	16,267,498	17,840,489	-8.8%
CRUDE OIL PHY	LO1	60,897	10,689	469.7%	34,133	78.4%	332,411	207,818	60.0%
CRUDE OIL PHY	LO2	50,928	24,152	110.9%	49,697	2.5%	323,416	154,190	109.8%
CRUDE OIL PHY	LO3	43,270	61	70,834.4%	37,445	15.6%	235,179	114,971	104.6%
CRUDE OIL PHY	LO4	43,459	33,521	29.6%	43,273	0.4%	304,567	220,391	38.2%
CRUDE OIL PHY	LO5	0	26,265	-100.0%	65,030	-100.0%	125,905	44,155	185.1%
CRUDE OIL PHY	MCO	12,782	6,569	94.6%	15,008	-14.8%	110,948	8,835	1,155.8%
CRUDE OIL PHY	ML1	2	0	-	0	-	2	0	-
CRUDE OIL PHY	MW1	1,513	467	224.0%	1,131	33.8%	10,529	673	1,464.5%
CRUDE OIL PHY	MW2	1,874	999	87.6%	1,593	17.6%	11,746	1,192	885.4%
CRUDE OIL PHY	MW3	1,140	0	0.0%	1,420	-19.7%	10,158	158	6,329.1%
CRUDE OIL PHY	MW4	1,178	2,650	-55.5%	1,881	-37.4%	16,223	3,014	438.3%
CRUDE OIL PHY	MW5	0	1,537	-100.0%	2,862	-100.0%	4,649	1,537	202.5%
CRUDE OIL PHY	WL2	1	0	-	0	-	1	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	1,087	2,474	-56.1%	2,828	-61.6%	15,564	24,387	-36.2%
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	0	0	0.0%	0	0.0%	106	382	-72.3%
HEATING OIL PHY	OH	5,110	7,290	-29.9%	4,661	9.6%	72,870	79,062	-7.8%
HENRY HUB FINANCIAL LAST	E7	15,981	3,511	355.2%	24,856	-35.7%	97,404	36,972	163.5%
HENRY HUB FINANCIAL LAST	ECNG	854	0	-	832	2.6%	16,989	0	-
HO 1 MONTH CLNDR OPTIONS	FA	9,600	1,300	638.5%	100	9,500.0%	21,650	4,625	368.1%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0.0%	3,000	900	233.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	284	0	0.0%	6	4,633.3%	402	350	14.9%
NATURAL GAS	LN2	242	9	2,588.9%	2	12,000.0%	344	698	-50.7%
NATURAL GAS	LN3	298	5	5,860.0%	516	-42.2%	815	1,062	-23.3%
NATURAL GAS	LN4	1,161	0	0.0%	2	57,950.0%	1,163	1,516	-23.3%

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Energy Options									
NATURAL GAS	LN5	0	3	-100.0%	14	-100.0%	14	5	180.0%
NATURAL GAS 1 M CSO FIN	G4	111,900	85,900	30.3%	110,753	1.0%	588,857	678,642	-13.2%
NATURAL GAS 2 M CSO FIN	G2	1,000	350	185.7%	0	0.0%	1,250	14,100	-91.1%
NATURAL GAS 3 M CSO FIN	G3	21,810	45,100	-51.6%	100,950	-78.4%	540,050	261,100	106.8%
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	4,000	-100.0%	0	0.0%	65,250	80,900	-19.3%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	150	-100.0%	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	150	3,530	-95.8%	100	50.0%	2,250	10,330	-78.2%
NATURAL GAS PHY	LN	2,256,570	1,829,037	23.4%	2,776,396	-18.7%	17,776,404	14,993,524	18.6%
NATURAL GAS PHY	ON	99,190	77,608	27.8%	129,278	-23.3%	612,042	666,995	-8.2%
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	4,356	1,066	308.6%	5,553	-21.6%	25,255	13,932	81.3%
PETROCHEMICALS	4H	6	0	0.0%	7	-14.3%	403	3,163	-87.3%
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	0	1,000	-100.0%	0	0.0%	0	2,550	-100.0%
RBOB CALENDAR SWAP	RA	0	445	-100.0%	0	0.0%	0	3,397	-100.0%
RBOB PHY	OB	4,265	3,058	39.5%	2,320	83.8%	23,549	25,191	-6.5%
RBOB PHY	RF	0	60	-100.0%	0	0.0%	45	1,260	-96.4%
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	-

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Energy Options									
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U01	350	0	0.0%	0	0.0%	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	0	0.0%	0	0.0%	300	400	-25.0%
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	200	-100.0%	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	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	300	550	-45.5%
SHORT TERM NATURAL GAS	U20	100	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	0	450	-100.0%	0	0.0%	0	950	-100.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	100	-100.0%	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	0	0	0.0%	0	0.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	1,700	200	750.0%
WTI-BRENT BULLET SWAP	BV	8,550	66,690	-87.2%	8,675	-1.4%	102,100	278,720	-63.4%
WTI CRUDE OIL 1 M CSO FI	7A	28,475	24,300	17.2%	47,225	-39.7%	460,960	417,900	10.3%
Metals Futures									
COMEX GOLD	GC	5,146,192	5,400,881	-4.7%	4,018,550	28.1%	35,125,213	33,620,789	4.5%
NYMEX HOT ROLLED STEEL	HR	25,264	14,980	68.7%	32,789	-22.9%	200,845	158,146	27.0%
NYMEX PLATINUM	PL	358,034	312,284	14.7%	621,654	-42.4%	3,217,368	2,855,212	12.7%
PALLADIUM	PA	48,300	32,801	47.3%	47,515	1.7%	423,894	321,663	31.8%
URANIUM	UX	0	0	0.0%	0	0.0%	0	24	-100.0%

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Commodity		VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Futures									
COMEX SILVER	SI	1,189,954	1,206,253	-1.4%	1,699,854	-30.0%	10,482,836	9,827,549	6.7%
COMEX E-Mini GOLD	QO	25,057	27,969	-10.4%	24,741	1.3%	259,617	215,600	20.4%
COMEX E-Mini SILVER	QI	3,783	3,132	20.8%	4,568	-17.2%	42,210	27,229	55.0%
COMEX COPPER	HG	1,763,625	1,659,098	6.3%	2,434,187	-27.5%	15,058,146	12,078,995	24.7%
COMEX MINY COPPER	QC	3,966	3,019	31.4%	5,878	-32.5%	40,834	25,306	61.4%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	2,596	2,436	6.6%	156	1,564.1%	16,208	12,030	34.7%
ALUMINUM	ALA	0	90	-100.0%	0	0.0%	240	1,745	-86.2%
ALUMINUM	ALI	80,005	53,175	50.5%	81,404	-1.7%	529,110	171,237	209.0%
ALUMINUM	AUP	5,264	7,570	-30.5%	5,033	4.6%	44,237	43,605	1.4%
ALUMINUM	EDP	6,780	10,107	-32.9%	3,177	113.4%	31,485	31,925	-1.4%
ALUMINUM	MJP	0	150	-100.0%	0	0.0%	760	2,440	-68.9%
COBALT METAL FUTURES	COB	2,818	1,140	147.2%	1,676	68.1%	19,986	6,439	210.4%
COBALT METAL FUTURES	MOX	20	0	-	270	-92.6%	776	0	-
COPPER	HGS	994	132	653.0%	1,310	-24.1%	11,726	12,472	-6.0%
COPPER	MHG	90,453	76,805	17.8%	108,934	-17.0%	759,302	207,136	266.6%
FERROUS PRODUCTS	BUS	748	2,509	-70.2%	849	-11.9%	7,107	18,416	-61.4%
FERROUS PRODUCTS	FSF	9	0	-	17	-47.1%	142	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	18	579	-96.9%	0	0.0%	1,883	5,831	-67.7%
GOLD	SGU	33	580	-94.3%	15	120.0%	2,008	47,277	-95.8%
HOT ROLLED COIL STEEL FUTURES	EHR	4,084	3,708	10.1%	3,856	5.9%	37,379	18,411	103.0%
IRON ORE CHINA	TIO	61	1,448	-95.8%	740	-91.8%	1,636	9,460	-82.7%
METALS	HDG	0	96	-100.0%	36	-100.0%	1,431	447	220.1%
METALS	LTC	8	0	-	0	-	8	0	-
METALS	LTH	1,745	0	0.0%	310	462.9%	4,078	0	0.0%
METALS	PAC	0	100	-100.0%	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	1,263,220	881,738	43.3%	1,389,027	-9.1%	10,423,601	7,768,603	34.2%
SILVER	SIL	208,685	122,752	70.0%	185,616	12.4%	1,549,202	1,134,190	36.6%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	1,320	0	-	2,604	-49.3%	7,924	0	-
COMEX COPPER	HX	119,446	88,642	34.8%	101,331	17.9%	930,941	550,098	69.2%
COMEX GOLD	ECGC	3,966	0	-	13,382	-70.4%	45,099	0	-

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Commodity		VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Options									
COMEX GOLD	OG	723,232	817,227	-11.5%	780,530	-7.3%	6,943,612	6,196,648	12.1%
COMEX SILVER	ECSI	3,919	0	-	786	398.6%	31,824	0	-
COMEX SILVER	SO	143,823	88,029	63.4%	126,772	13.5%	1,111,260	751,216	47.9%
COPPER	ECHG	1,030	0	-	1,160	-11.2%	24,566	0	-
COPPER	H1E	1,116	120	830.0%	265	321.1%	5,700	958	495.0%
COPPER	H1M	87	108	-19.4%	332	-73.8%	1,399	277	405.1%
COPPER	H1W	810	235	244.7%	285	184.2%	2,974	594	400.7%
COPPER	H2E	400	577	-30.7%	576	-30.6%	5,505	1,723	219.5%
COPPER	H2M	374	149	151.0%	670	-44.2%	2,740	371	638.5%
COPPER	H2W	276	125	120.8%	440	-37.3%	2,883	229	1,159.0%
COPPER	H3E	670	1,135	-41.0%	1,406	-52.3%	5,241	1,687	210.7%
COPPER	H3M	595	382	55.8%	22	2,604.5%	1,634	524	211.8%
COPPER	H3W	686	95	622.1%	98	600.0%	2,519	175	1,339.4%
COPPER	H4E	563	1,274	-55.8%	100	463.0%	2,977	1,722	72.9%
COPPER	H4M	140	118	18.6%	55	154.5%	1,593	171	831.6%
COPPER	H4W	120	57	110.5%	104	15.4%	1,160	205	465.9%
COPPER	H5E	0	447	-100.0%	376	-100.0%	627	479	30.9%
COPPER	H5M	429	0	-	0	0.0%	620	0	-
COPPER	H5W	0	0	0.0%	0	0.0%	591	177	233.9%
GOLD	G1M	3,409	5,351	-36.3%	16,208	-79.0%	72,004	9,636	647.2%
GOLD	G1W	15,591	7,858	98.4%	11,352	37.3%	76,973	14,409	434.2%
GOLD	G2M	10,162	4,633	119.3%	8,454	20.2%	78,309	15,676	399.5%
GOLD	G2W	17,446	5,195	235.8%	9,104	91.6%	80,761	11,370	610.3%
GOLD	G3M	6,409	3,978	61.1%	1,886	239.8%	49,658	6,534	660.0%
GOLD	G3W	9,212	7,644	20.5%	10,935	-15.8%	77,947	18,005	332.9%
GOLD	G4M	5,962	3,317	79.7%	6,794	-12.2%	52,815	6,056	772.1%
GOLD	G4W	696	6,452	-89.2%	9,532	-92.7%	52,454	11,260	365.8%
GOLD	G5M	6,641	0	-	0	0.0%	14,566	0	-
GOLD	G5W	0	0	0.0%	0	0.0%	18,252	7,941	129.8%
GOLD	OG1	35,727	19,803	80.4%	22,617	58.0%	324,165	335,337	-3.3%
GOLD	OG2	46,115	39,773	15.9%	27,616	67.0%	378,581	347,284	9.0%
GOLD	OG3	30,263	37,625	-19.6%	42,541	-28.9%	365,673	355,160	3.0%
GOLD	OG4	37,546	32,103	17.0%	24,630	52.4%	236,878	292,821	-19.1%
GOLD	OG5	0	39,116	-100.0%	31,522	-100.0%	74,484	78,201	-4.8%
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	0	0	0.0%

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	Commodity	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG	
Metals Options										
	NYMEX HOT ROLLED STEEL	HRO	1,938	1,460	32.7%	2,200	-11.9%	15,933	11,450	39.2%
	NYMEX PLATINUM	PO	15,014	2,382	530.3%	19,056	-21.2%	118,414	40,387	193.2%
	PALLADIUM	PAO	437	7	6,142.9%	532	-17.9%	6,476	111	5,734.2%
	SILVER	M1S	781	401	94.8%	1,856	-57.9%	9,571	668	1,332.8%
	SILVER	M2S	1,550	423	266.4%	1,681	-7.8%	11,985	1,154	938.6%
	SILVER	M3S	1,392	208	569.2%	84	1,557.1%	5,375	567	848.0%
	SILVER	M4S	916	208	340.4%	704	30.1%	5,948	505	1,077.8%
	SILVER	M5S	1,682	0	-	0	0.0%	2,289	0	-
	SILVER	SO1	5,170	2,558	102.1%	4,784	8.1%	50,654	32,070	57.9%
	SILVER	SO2	8,470	2,350	260.4%	6,925	22.3%	57,438	37,279	54.1%
	SILVER	SO3	5,729	2,549	124.8%	6,523	-12.2%	46,156	26,613	73.4%
	SILVER	SO4	7,435	2,547	191.9%	4,024	84.8%	29,916	22,521	32.8%
	SILVER	SO5	0	3,186	-100.0%	4,280	-100.0%	12,213	5,475	123.1%
	SILVER	W1S	3,694	403	816.6%	1,872	97.3%	13,813	935	1,377.3%
	SILVER	W2S	1,880	320	487.5%	2,002	-6.1%	10,862	702	1,447.3%
	SILVER	W3S	1,267	178	611.8%	2,241	-43.5%	10,489	776	1,251.7%
	SILVER	W4S	145	158	-8.2%	1,133	-87.2%	5,422	448	1,110.3%
	SILVER	W5S	0	0	0.0%	0	0.0%	1,964	322	509.9%
TOTAL FUTURES GROUP										
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%	
Energy Futures		34,310,651	33,794,644	1.5%	40,164,362	-14.6%	259,556,285	276,559,077	-6.1%	
Metals Futures		10,231,716	9,825,532	4.1%	10,672,162	-4.1%	78,293,768	68,623,477	14.1%	
TOTAL FUTURES		44,542,367	43,620,176	2.1%	50,836,524	-12.4%	337,850,053	345,182,554	-2.1%	
TOTAL OPTIONS GROUP										
Energy Options		5,003,246	4,632,474	8.0%	6,055,865	-17.4%	39,090,570	37,500,954	4.2%	
Metals Options		1,285,681	1,230,906	4.4%	1,314,382	-2.2%	11,501,827	9,198,927	25.0%	
TOTAL OPTIONS		6,288,927	5,863,380	7.3%	7,370,247	-14.7%	50,592,397	46,699,881	8.3%	



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Commodity	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL COMBINED								
Ag Products	0	0	0.0%	0		0	0	-
Energy	39,313,897	38,427,118	2.3%	46,220,227	-14.9%	298,646,855	314,060,031	-4.9%
Metals	11,517,397	11,056,438	4.2%	11,986,544	-3.9%	89,795,595	77,822,404	15.4%
GRAND TOTAL	50,831,294	49,483,556	2.7%	58,206,771	-12.7%	388,442,450	391,882,435	-0.9%