

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 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	17,124,125	13,875,004	23.4%	15,093,051	13.5%	82,781,254	95,288,859	-13.1%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	QM	366,925	513,591	-28.6%	290,978	26.1%	1,669,272	3,235,117	-48.4%
BRENT OIL LAST DAY	BZ	1,195,906	1,210,529	-1.2%	1,020,311	17.2%	5,786,205	8,148,023	-29.0%
HEATING OIL PHY	HO	2,770,124	2,953,401	-6.2%	2,742,307	1.0%	15,412,646	17,668,228	-12.8%
HTG OIL	BH	0	0	0.0%	48	-100.0%	48	36	33.3%
MINY HTG OIL	QH	10	5	100.0%	8	25.0%	54	38	42.1%
RBOB PHY	RB	4,017,556	3,998,007	0.5%	3,366,916	19.3%	17,371,461	19,550,276	-11.1%
MINY RBOB GAS	QU	7	8	-12.5%	14	-50.0%	55	46	19.6%
NATURAL GAS	HP	187,015	168,743	10.8%	200,062	-6.5%	1,029,375	948,576	8.5%
LTD NAT GAS	HH	346,662	363,158	-4.5%	289,255	19.8%	1,830,739	1,817,584	0.7%
MINY NATURAL GAS	QG	169,967	432,558	-60.7%	191,853	-11.4%	1,365,973	1,537,102	-11.1%
NATURAL GAS PHY	NG	8,564,307	6,648,826	28.8%	8,162,120	4.9%	42,744,900	39,347,188	8.6%
RBOB GAS	RT	0	0	0.0%	36	-100.0%	36	24	50.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	3,030	5,015	-39.6%	3,905	-22.4%	21,705	22,165	-2.1%
ARGUS PROPAN FAR EST INDE	7E	8,858	5,938	49.2%	6,904	28.3%	41,755	27,935	49.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,993	2,165	-7.9%	1,704	17.0%	15,031	11,208	34.1%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	0	1,487	-100.0%
BRENT CALENDAR SWAP	CY	11,508	4,575	151.5%	9,539	20.6%	50,091	77,393	-35.3%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	120	0	0.0%	0	0.0%	330	0	0.0%
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	17,370	1,437	1,108.8%	13,028	33.3%	63,079	11,388	453.9%
CAR VINTAGE	NGO	5,257	6,688	-21.4%	4,104	28.1%	34,731	51,186	-32.1%
CHICAGO ETHANOL SWAP	CU	76,777	52,935	45.0%	68,284	12.4%	351,417	289,909	21.2%
CHICAGO ULSD PL VS HO SPR	5C	975	755	29.1%	645	51.2%	4,560	3,688	23.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	18	675	-97.3%	228	-92.1%	378	1,591	-76.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	441	230	91.7%	382	15.4%	1,190	1,427	-16.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,936	18,933	31.7%	18,170	37.2%	94,837	76,006	24.8%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	769	500	53.8%	0	0.0%	2,432	1,854	31.2%
CRUDE OIL OUTRIGHTS	42	266	1,151	-76.9%	404	-34.2%	1,578	6,060	-74.0%
CRUDE OIL OUTRIGHTS	CC5	0	105	-100.0%	0	0.0%	0	1,566	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	180	-100.0%	0	0.0%	0	1,080	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	106,243	70,779	50.1%	141,813	-25.1%	752,480	348,319	116.0%
CRUDE OIL OUTRIGHTS	LSW	0	600	-100.0%	0	0.0%	100	3,650	-97.3%
CRUDE OIL OUTRIGHTS	WCW	0	4,050	-100.0%	0	0.0%	0	15,975	-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	2,301,964	2,273,217	1.3%	1,656,146	39.0%	9,680,609	13,238,442	-26.9%
CRUDE OIL SPRDS	ANT	390	880	-55.7%	140	178.6%	2,830	1,885	50.1%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	49,260	58,371	-15.6%	78,689	-37.4%	358,036	252,439	41.8%
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%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	0	2,000	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	7,704	519	1,384.4%	3,417	125.5%	12,957	14,191	-8.7%

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Energy Futures									
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	10	0	0.0%	177	-94.4%	721	456	58.1%
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	3,532	842	319.5%	1,592	121.9%	11,198	2,053	445.4%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	0	-	26	-100.0%	26	0	-
ETHANOL SWAP	MT2	245	55	345.5%	480	-49.0%	1,675	1,170	43.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,737	3,715	27.5%	3,449	37.3%	20,480	16,276	25.8%
EURO 3.5% FUEL OIL RDAM B	KR	39	0	0.0%	0	-	39	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	0.0%	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	30	-100.0%	0	0.0%	0	1,145	-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	1	0	0.0%	1	0.0%	220	546	-59.7%
EUROPEAN GASOIL (ICE)	7F	14	2,038	-99.3%	60	-76.7%	237	9,463	-97.5%
EUROPEAN NAPHTHA BALMO	KZ	23	20	15.0%	3	666.7%	64	140	-54.3%
EUROPEAN NAPHTHA CRACK SPR	EN	2,670	2,690	-0.7%	6,012	-55.6%	16,461	14,660	12.3%
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	771	622	24.0%	649	18.8%	5,213	3,992	30.6%
EURO PROPANE CIF ARA SWA	PS	1,735	1,486	16.8%	1,819	-4.6%	9,634	9,068	6.2%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	105	0	0.0%	0	0.0%	1,095	0	0.0%
FREIGHT MARKETS	CS3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	CS4	30	240	-87.5%	0	0.0%	30	360	-91.7%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0.0%	10	0	0.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0.0%	5	178	-97.2%
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%
FREIGHT MARKETS	USE	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	0	75	-100.0%	0	0.0%	0	1,156	-100.0%

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Energy Futures									
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	30	-100.0%	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	44	182	-75.8%	478	-90.8%	969	1,241	-21.9%
GAS EURO-BOB OXY NWE BARGES CRK	7K	981	2,693	-63.6%	2,522	-61.1%	8,043	17,822	-54.9%
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	0	0.0%	0	0.0%	0	50	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	9	0	0.0%	0	0.0%	36	926	-96.1%
GASOIL CRACK SPREAD CALEN	GZ	12	400	-97.0%	108	-88.9%	525	10,512	-95.0%
GASOIL MINI CALENDAR SWAP	QA	125	212	-41.0%	162	-22.8%	1,059	2,013	-47.4%
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	4,560	2,870	58.9%	3,656	24.7%	18,001	30,605	-41.2%
GRP THREE UNL GS (PLT) VS	A8	1,790	3,190	-43.9%	2,050	-12.7%	13,480	21,430	-37.1%
GULF COAST 3% FUEL OIL BA	VZ	0	90	-100.0%	0	0.0%	0	740	-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	13,796	7,436	85.5%	10,298	34.0%	47,044	66,623	-29.4%
GULF COAST NO.6 FUEL OIL	MF	4,426	3,320	33.3%	3,681	20.2%	24,056	17,485	37.6%
GULF COAST NO.6 FUEL OIL	MG	15,610	3,430	355.1%	12,948	20.6%	73,454	33,960	116.3%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	202	-100.0%	802	368	117.9%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	40	1,296	-96.9%	0	0.0%	868	2,805	-69.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	0	-	0	0.0%	10	0	-
HENRY HUB SWAP	NN	36,359	20,289	79.2%	36,100	0.7%	197,080	141,855	38.9%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	70	48	45.8%	60	16.7%	190	2,133	-91.1%
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	80	-100.0%	0	0.0%	0	80	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	203	155	31.0%	108	88.0%	681	679	0.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	12	6	100.0%

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Energy Futures									
JET CIF NWE VS ICE	JC	0	271	-100.0%	0	0.0%	186	1,216	-84.7%
JET FUEL UP-DOWN BALMO CL	1M	202	2,300	-91.2%	360	-43.9%	4,096	13,298	-69.2%
JKM LNG Futures	JKM	0	514	-100.0%	0	0.0%	0	2,107	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	270	50	440.0%	375	-28.0%	2,268	2,163	4.9%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	520	450	15.6%	465	11.8%	2,795	3,075	-9.1%
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	0	0.0%	0	0.0%	0	1,460	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	7,355	15,567	-52.8%	11,667	-37.0%	96,150	77,205	24.5%
MCCLOSKEY ARA ARGS COAL	MTF	787	5,854	-86.6%	658	19.6%	5,121	35,952	-85.8%
MCCLOSKEY RCH BAY COAL	MFF	0	207	-100.0%	0	0.0%	12	2,250	-99.5%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	0.0%	0	0.0%	20	208	-90.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	210	-100.0%	210	0	0.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	215	179	20.1%	220	-2.3%	886	2,170	-59.2%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	MNC	635	1,677	-62.1%	1,100	-42.3%	6,206	8,493	-26.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	30,866	39,040	-20.9%	24,566	25.6%	163,502	169,008	-3.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	70	1,235	-94.3%	730	-90.4%	4,030	4,678	-13.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	265,963	158,359	67.9%	192,396	38.2%	1,149,558	883,833	30.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,751	1,284	36.4%	1,731	1.2%	12,535	18,178	-31.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	22,500	33,545	-32.9%	26,651	-15.6%	120,500	112,812	6.8%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,958	1,659	18.0%	1,708	14.6%	8,223	6,037	36.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	89,209	56,796	57.1%	46,909	90.2%	313,443	257,202	21.9%
MONT BELVIEU NORMAL BUTANE BALMO	8J	2,121	945	124.4%	1,147	84.9%	6,482	8,410	-22.9%
NATURAL GAS	NWM	150	0	-	0	0.0%	150	0	-
NATURAL GAS PEN SWP	NP	22,963	53,008	-56.7%	23,739	-3.3%	114,554	249,319	-54.1%
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	605	1,330	-54.5%	582	4.0%	2,642	4,317	-38.8%
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%



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Energy Futures									
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	3,756	845	344.5%	4,526	-17.0%	13,036	5,250	148.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	105	375	-72.0%	150	-30.0%	680	975	-30.3%
NYH NO 2 CRACK SPREAD CAL	HK	2,020	1,466	37.8%	11,842	-82.9%	19,125	12,404	54.2%
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	2,054	515	298.8%	84	2,345.2%	3,712	1,956	89.8%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	159	107	48.6%	114	39.5%	991	720	37.6%
PETROCHEMICALS	32	85	15	466.7%	20	325.0%	481	214	124.8%
PETROCHEMICALS	3NA	227	12	1,791.7%	42	440.5%	276	97	184.5%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	364	-83.5%
PETROCHEMICALS	8I	1,058	374	182.9%	1,373	-22.9%	3,809	5,299	-28.1%
PETROCHEMICALS	91	455	487	-6.6%	500	-9.0%	2,204	1,906	15.6%
PETROCHEMICALS	MAA	190	65	192.3%	460	-58.7%	740	415	78.3%
PETROCHEMICALS	MAE	1,863	1,320	41.1%	1,161	60.5%	7,193	5,820	23.6%
PETROCHEMICALS	MAS	197	390	-49.5%	355	-44.5%	2,525	2,000	26.2%
PETROCHEMICALS	MBE	0	30	-100.0%	0	0.0%	330	310	6.5%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	332	88	277.3%	350	-5.1%	2,458	1,015	142.2%
PETROCHEMICALS	PMF	0	0	0.0%	0	0.0%	20	12	66.7%
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	11,925	16,207	-26.4%	7,375	61.7%	55,806	87,208	-36.0%
PETRO CRCKS & SPRDS NA	EXR	389	208	87.0%	240	62.1%	1,232	2,012	-38.8%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	200	-100.0%	0	0.0%	485	200	142.5%
PETRO CRCKS & SPRDS NA	GCI	0	150	-100.0%	0	0.0%	0	150	-100.0%
PETRO CRCKS & SPRDS NA	GCU	96	0	0.0%	0	0.0%	96	275	-65.1%
PETRO CRCKS & SPRDS NA	GFC	225	0	0.0%	0	0.0%	775	1,350	-42.6%
PETRO CRCKS & SPRDS NA	HOB	0	160	-100.0%	0	0.0%	1,300	577	125.3%

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.

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Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOIUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	1,275	1,135	12.3%	1,105	15.4%	3,874	5,486	-29.4%
PETRO CRCKS & SPRDS NA	RVG	2,235	1,592	40.4%	300	645.0%	8,634	14,098	-38.8%
PETRO CRCKS & SPRDS NA	SF3	12	0	-	0	-	12	0	-
PETRO CRK&SPRD EURO	1NB	0	30	-100.0%	66	-100.0%	265	1,635	-83.8%
PETRO CRK&SPRD EURO	43	0	0	0.0%	20	-100.0%	95	121	-21.5%
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	538	192	180.2%	435	23.7%	1,778	1,790	-0.7%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	60	-100.0%	345	787	-56.2%
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	243	147	65.3%	87	179.3%	471	694	-32.1%
PETROLEUM PRODUCTS	1NM	0	50	-100.0%	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%	0	0.0%	0	2	-100.0%
PETROLEUM PRODUCTS	CMS	50	60	-16.7%	200	-75.0%	1,020	670	52.2%
PETROLEUM PRODUCTS	EWG	210	687	-69.4%	141	48.9%	1,406	2,580	-45.5%
PETROLEUM PRODUCTS	H5F	25	50	-50.0%	100	-75.0%	325	125	160.0%
PETROLEUM PRODUCTS	JCC	600	481	24.7%	280	114.3%	7,870	6,332	24.3%
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	17	38	-55.3%	9	88.9%	89	206	-56.8%
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	300	-100.0%	0	0.0%	0	1,148	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	20	-100.0%	5	-100.0%	15	20	-25.0%
PETROLEUM PRODUCTS ASIA	MJN	130	1,429	-90.9%	360	-63.9%	2,324	5,761	-59.7%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0D	24	9	166.7%	20	20.0%	161	134	20.1%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%

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Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
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	10	0	-	0	0.0%	70	0	-
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0.0%	75	285	-73.7%
PETRO OUTRIGHT EURO	7R	0	5	-100.0%	0	0.0%	30	26	15.4%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT EURO	CPB	76	135	-43.7%	405	-81.2%	1,429	1,069	33.7%
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	331	229	44.5%	273	21.2%	1,787	658	171.6%
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	1,089	927	17.5%	595	83.0%	4,919	5,744	-14.4%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	MBN	948	538	76.2%	995	-4.7%	2,698	3,475	-22.4%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0.0%	2	49	-95.9%
PETRO OUTRIGHT EURO	MQA	198	0	0.0%	203	-2.5%	825	138	497.8%
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	878	1,349	-34.9%	783	12.1%	6,397	9,829	-34.9%
PETRO OUTRIGHT EURO	R5O	453	447	1.3%	515	-12.0%	2,853	6,399	-55.4%
PETRO OUTRIGHT EURO	RBM	19	6	216.7%	5	280.0%	102	57	78.9%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	S5F	285	101	182.2%	497	-42.7%	1,839	657	179.9%
PETRO OUTRIGHT EURO	S5M	1,702	1,542	10.4%	1,182	44.0%	8,902	12,191	-27.0%
PETRO OUTRIGHT EURO	S5O	421	2,797	-84.9%	414	1.7%	3,827	17,338	-77.9%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	SR5	0	0	-	0	0.0%	240	0	-
PETRO OUTRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ULB	0	0	-	50	-100.0%	150	0	-
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	A8B	130	485	-73.2%	260	-50.0%	490	1,085	-54.8%
PETRO OUTRIGHT NA	AB6	825	435	89.7%	520	58.7%	1,650	1,765	-6.5%

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Energy Futures									
PETRO OUTFRIGHT NA	BCR	760	1,750	-56.6%	625	21.6%	4,585	14,920	-69.3%
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTFRIGHT NA	JET	3,175	125	2,440.0%	1,650	92.4%	6,900	2,935	135.1%
PETRO OUTFRIGHT NA	JTB	325	155	109.7%	0	0.0%	550	1,611	-65.9%
PETRO OUTFRIGHT NA	MBL	27	0	0.0%	130	-79.2%	157	605	-74.0%
PETRO OUTFRIGHT NA	MEN	148	20	640.0%	29	410.3%	302	406	-25.6%
PETRO OUTFRIGHT NA	MEO	80	372	-78.5%	132	-39.4%	737	1,248	-40.9%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT 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	1,507	584	158.0%	572	163.5%	3,996	5,019	-20.4%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0.0%	15	15	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	650	1,571	-58.6%	1,137	-42.8%	5,915	8,413	-29.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	31,228	15,283	104.3%	23,554	32.6%	106,807	66,279	61.1%
RBOB CALENDAR SWAP	RL	8,413	6,695	25.7%	6,238	34.9%	38,596	33,056	16.8%
RBOB CRACK SPREAD	RM	7,230	897	706.0%	3,331	117.1%	13,191	12,057	9.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	100	-100.0%	100	0	-
RBOB GASOLINE BALMO CLNDR	1D	2,058	4,002	-48.6%	717	187.0%	5,689	9,594	-40.7%
RBOB PHY	MRB	4	0	-	2	100.0%	18	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	375	-92.0%
SINGAPORE 180CST BALMO	BS	6	0	-	0	0.0%	13	0	-
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	289	37	681.1%	163	77.3%	780	1,232	-36.7%
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%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	24	0	0.0%
SINGAPORE GASOIL	MAF	5	427	-98.8%	0	0.0%	225	2,689	-91.6%

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Energy Futures									
SINGAPORE GASOIL	MTB	0	35	-100.0%	0	0.0%	0	186	-100.0%
SINGAPORE GASOIL	MTS	187	320	-41.6%	65	187.7%	2,311	1,768	30.7%
SINGAPORE GASOIL	SBM	0	75	-100.0%	0	0.0%	0	332	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	82	65	26.2%	23	256.5%	222	1,108	-80.0%
SINGAPORE GASOIL SWAP	SG	811	256	216.8%	1,000	-18.9%	4,201	2,877	46.0%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	162	-100.0%	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	210	-52.4%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	750	177	323.7%	850	-11.8%	1,875	477	293.1%
TC2 ROTTERDAM TO USAC 37K	TM	0	36	-100.0%	0	0.0%	172	264	-34.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	75	-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	8,450	9,877	-14.4%	6,002	40.8%	36,075	40,735	-11.4%
UP DOWN GC ULSD VS NMX HO	LT	33,050	24,550	34.6%	37,652	-12.2%	146,230	176,252	-17.0%
WTI-BRENT CALENDAR SWAP	BK	31,968	38,588	-17.2%	47,792	-33.1%	243,480	300,811	-19.1%
WTI CALENDAR	CS	65,392	49,286	32.7%	61,284	6.7%	310,622	355,807	-12.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	480	-100.0%	900	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	1,007	1,620	-37.8%	6,414	-84.3%	10,750	16,405	-34.5%
WTS (ARGUS) VS WTI TRD MT	FH	300	740	-59.5%	24	1,150.0%	1,249	5,285	-76.4%
Energy Options									
BRENT CALENDAR SWAP	BA	550	486	13.2%	12	4,483.3%	978	3,086	-68.3%
BRENT CRUDE OIL 1 M CSO	9C	0	1,750	-100.0%	0	0.0%	0	89,250	-100.0%
BRENT OIL LAST DAY	BE	2,002	11,620	-82.8%	6,782	-70.5%	27,696	54,554	-49.2%
BRENT OIL LAST DAY	BZO	12,060	17,330	-30.4%	9,651	25.0%	58,551	111,842	-47.6%
COAL API2 INDEX	F2C	15	66	-77.3%	100	-85.0%	180	390	-53.8%
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	28,025	49,445	-43.3%	80,050	-65.0%	217,125	425,516	-49.0%
CRUDE OIL APO	AO	25,750	13,209	94.9%	47,389	-45.7%	136,199	111,241	22.4%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	3,548	0	-	11,766	-69.8%	37,400	0	-

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Energy Options									
CRUDE OIL PHY	LC	11,412	34,934	-67.3%	44,850	-74.6%	164,916	234,408	-29.6%
CRUDE OIL PHY	LO	2,764,559	1,899,789	45.5%	2,134,247	29.5%	11,711,983	13,205,733	-11.3%
CRUDE OIL PHY	LO1	71,717	25,498	181.3%	40,561	76.8%	237,381	163,845	44.9%
CRUDE OIL PHY	LO2	57,889	23,618	145.1%	44,317	30.6%	222,791	107,492	107.3%
CRUDE OIL PHY	LO3	25,388	23,206	9.4%	37,666	-32.6%	154,464	96,962	59.3%
CRUDE OIL PHY	LO4	37,040	21,567	71.7%	38,280	-3.2%	217,835	163,281	33.4%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%	60,875	17,877	240.5%
CRUDE OIL PHY	MCO	15,052	0	-	12,703	18.5%	83,158	0	-
CRUDE OIL PHY	MW1	2,570	0	-	1,128	127.8%	7,885	0	-
CRUDE OIL PHY	MW2	2,143	0	-	875	144.9%	8,279	0	-
CRUDE OIL PHY	MW3	1,088	0	-	1,130	-3.7%	7,598	0	-
CRUDE OIL PHY	MW4	1,647	0	-	1,309	25.8%	13,164	0	-
CRUDE OIL PHY	MW5	0	0	-	0	0.0%	1,787	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	3,580	2,189	63.5%	2,210	62.0%	11,649	17,616	-33.9%
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	500	-100.0%	0	0.0%	0	750	-100.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	54	0	0.0%	28	92.9%	106	382	-72.3%
HEATING OIL PHY	OH	5,621	8,405	-33.1%	10,008	-43.8%	63,099	64,592	-2.3%
HENRY HUB FINANCIAL LAST	E7	9,507	3,160	200.9%	8,059	18.0%	56,567	29,027	94.9%
HENRY HUB FINANCIAL LAST	ECNG	475	0	-	3,909	-87.8%	15,303	0	-
HO 1 MONTH CLNDR OPTIONS	FA	1,050	2,450	-57.1%	6,750	-84.4%	11,950	3,325	259.4%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	900	-100.0%	1,200	-100.0%	3,000	900	233.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	112	130	-13.8%	0	0.0%	112	350	-68.0%
NATURAL GAS	LN2	0	2	-100.0%	0	0.0%	100	604	-83.4%
NATURAL GAS	LN3	1	4	-75.0%	0	0.0%	1	1,032	-99.9%
NATURAL GAS	LN4	0	1	-100.0%	0	0.0%	0	1,516	-100.0%
NATURAL GAS	LN5	0	0	0.0%	0	0.0%	0	2	-100.0%
NATURAL GAS 1 M CSO FIN	G4	55,250	56,500	-2.2%	65,500	-15.6%	366,204	563,742	-35.0%
NATURAL GAS 2 M CSO FIN	G2	250	3,550	-93.0%	0	0.0%	250	12,550	-98.0%
NATURAL GAS 3 M CSO FIN	G3	122,240	67,600	80.8%	145,950	-16.2%	417,290	183,650	127.2%

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Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	750	-100.0%	8,650	46,250	-81.3%
NATURAL GAS 6 M CSO FIN	G6	0	6,500	-100.0%	0	0.0%	65,250	73,900	-11.7%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	2,325	-100.0%	0	0.0%	0	5,250	-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	700	2,475	-71.7%	500	40.0%	2,000	4,425	-54.8%
NATURAL GAS PHY	LN	2,712,558	1,939,316	39.9%	2,688,135	0.9%	12,743,438	10,792,717	18.1%
NATURAL GAS PHY	ON	88,287	77,718	13.6%	93,163	-5.2%	383,574	477,917	-19.7%
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	1,615	2,242	-28.0%	5,341	-69.8%	15,346	10,465	46.6%
PETROCHEMICALS	4H	72	81	-11.1%	0	0.0%	390	883	-55.8%
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	30	0	0.0%	60	-50.0%	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	0	-	0	0.0%	0	0	-
RBOB CALENDAR SWAP	RA	0	1,615	-100.0%	0	0.0%	0	1,802	-100.0%
RBOB PHY	OB	3,401	5,665	-40.0%	4,021	-15.4%	16,964	17,083	-0.7%
RBOB PHY	RF	24	440	-94.5%	21	14.3%	45	1,070	-95.8%
SHORT TERM	U11	0	300	-100.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U12	0	550	-100.0%	0	0.0%	0	550	-100.0%
SHORT TERM	U13	0	0	0.0%	250	-100.0%	700	100	600.0%
SHORT TERM	U14	0	0	0.0%	100	-100.0%	100	450	-77.8%
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	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM	U26	0	200	-100.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U01	0	50	-100.0%	0	0.0%	150	250	-40.0%

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Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U02	150	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	200	300	-33.3%	100	100.0%	300	400	-25.0%
SHORT TERM NATURAL GAS	U05	400	500	-20.0%	600	-33.3%	1,000	500	100.0%
SHORT TERM NATURAL GAS	U06	0	450	-100.0%	0	0.0%	150	550	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	0	550	-100.0%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	0	150	-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	550	-100.0%	0	0.0%	300	550	-45.5%
SHORT TERM NATURAL GAS	U20	0	250	-100.0%	0	0.0%	250	250	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	0	500	-100.0%
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	0	0.0%
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	0	0.0%
SHORT TERM NATURAL GAS	U31	200	100	100.0%	0	0.0%	1,700	200	750.0%
WTI-BRENT BULLET SWAP	BV	20,550	4,101	401.1%	26,075	-21.2%	84,875	128,176	-33.8%
WTI CRUDE OIL 1 M CSO FI	7A	101,300	150,050	-32.5%	151,610	-33.2%	385,260	325,500	18.4%

Metals Futures

COMEX GOLD	GC	6,109,790	4,936,532	23.8%	3,836,274	59.3%	25,960,471	24,644,801	5.3%
NYMEX HOT ROLLED STEEL	HR	20,014	16,669	20.1%	19,666	1.8%	142,792	122,457	16.6%
NYMEX PLATINUM	PL	413,837	335,096	23.5%	365,545	13.2%	2,237,680	2,015,089	11.0%
PALLADIUM	PA	91,821	53,027	73.2%	44,803	104.9%	328,079	259,815	26.3%
URANIUM	UX	0	0	0.0%	0	0.0%	0	24	-100.0%
COMEX SILVER	SI	1,438,802	1,204,011	19.5%	1,637,181	-12.1%	7,593,028	7,024,445	8.1%
COMEX E-Mini GOLD	QO	35,675	34,446	3.6%	35,467	0.6%	209,819	161,148	30.2%
COMEX E-Mini SILVER	QI	6,172	3,709	66.4%	6,831	-9.6%	33,859	20,852	62.4%
COMEX COPPER	HG	1,928,499	1,355,257	42.3%	2,183,286	-11.7%	10,860,334	8,398,587	29.3%

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Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Futures									
COMEX MINY COPPER	QC	6,294	3,014	108.8%	6,225	1.1%	30,990	18,153	70.7%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	370	702	-47.3%	1,282	-71.1%	13,456	8,780	53.3%
ALUMINUM	ALA	60	30	100.0%	0	0.0%	240	1,640	-85.4%
ALUMINUM	ALI	87,977	34,583	154.4%	81,926	7.4%	367,701	86,276	326.2%
ALUMINUM	AUP	6,901	4,613	49.6%	6,015	14.7%	33,940	25,883	31.1%
ALUMINUM	EDP	4,294	2,334	84.0%	2,965	44.8%	21,528	18,105	18.9%
ALUMINUM	MJP	0	880	-100.0%	160	-100.0%	760	2,290	-66.8%
COBALT METAL FUTURES	COB	1,825	741	146.3%	3,336	-45.3%	15,492	2,578	500.9%
COBALT METAL FUTURES	MOX	167	0	-	149	12.1%	486	0	-
COPPER	HGS	12	1,333	-99.1%	3,725	-99.7%	9,422	10,581	-11.0%
COPPER	MHG	111,840	42,917	160.6%	102,703	8.9%	559,915	42,917	1,204.6%
FERROUS PRODUCTS	BUS	425	2,530	-83.2%	858	-50.5%	5,510	13,294	-58.6%
FERROUS PRODUCTS	FSF	61	0	-	25	144.0%	116	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	459	199	130.7%	790	-41.9%	1,865	4,877	-61.8%
GOLD	SGU	526	586	-10.2%	744	-29.3%	1,960	45,627	-95.7%
HOT ROLLED COIL STEEL FUTURES	EHR	2,964	3,274	-9.5%	3,180	-6.8%	29,439	11,307	160.4%
IRON ORE CHINA	TIO	0	869	-100.0%	34	-100.0%	835	6,128	-86.4%
METALS	HDG	0	144	-100.0%	0	0.0%	1,395	351	297.4%
METALS	LTH	176	0	0.0%	1,134	-84.5%	2,023	0	0.0%
METALS	PAC	0	0	0.0%	0	0.0%	500	1,000	-50.0%
MICRO GOLD	MGC	1,924,257	988,435	94.7%	1,587,705	21.2%	7,771,354	5,964,365	30.3%
SILVER	SIL	245,426	165,072	48.7%	232,289	5.7%	1,154,901	883,848	30.7%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	1,035	0	-	811	27.6%	4,000	0	-
COMEX COPPER	HX	87,337	87,416	-0.1%	105,268	-17.0%	710,164	362,619	95.8%
COMEX GOLD	ECGC	4,068	0	-	8,577	-52.6%	27,751	0	-
COMEX GOLD	OG	1,199,706	857,867	39.8%	905,628	32.5%	5,439,850	4,674,353	16.4%
COMEX SILVER	ECSI	1,210	0	-	9,502	-87.3%	27,119	0	-
COMEX SILVER	SO	173,988	128,864	35.0%	168,299	3.4%	840,665	574,072	46.4%
COPPER	ECHG	553	0	-	4,683	-88.2%	22,376	0	-
COPPER	H1E	1,425	59	2,315.3%	451	216.0%	4,319	480	799.8%

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Commodity		VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Options									
COPPER	H1M	209	1	20,800.0%	57	266.7%	980	1	97,900.0%
COPPER	H1W	471	56	741.1%	197	139.1%	1,879	56	3,255.4%
COPPER	H2E	645	130	396.2%	1,173	-45.0%	4,529	904	401.0%
COPPER	H2M	234	34	588.2%	118	98.3%	1,696	34	4,888.2%
COPPER	H2W	455	61	645.9%	285	59.6%	2,167	61	3,452.5%
COPPER	H3E	757	125	505.6%	350	116.3%	3,165	420	653.6%
COPPER	H3M	188	30	526.7%	155	21.3%	1,017	30	3,290.0%
COPPER	H3W	338	24	1,308.3%	196	72.4%	1,735	24	7,129.2%
COPPER	H4E	500	128	290.6%	424	17.9%	2,314	312	641.7%
COPPER	H4M	138	17	711.8%	56	146.4%	1,398	17	8,123.5%
COPPER	H4W	238	0	-	76	213.2%	936	0	-
COPPER	H5E	0	0	0.0%	0	0.0%	251	32	684.4%
COPPER	H5M	0	0	-	0	0.0%	191	0	-
COPPER	H5W	331	0	-	0	0.0%	591	0	-
GOLD	G1M	11,860	1,500	690.7%	9,341	27.0%	52,387	1,500	3,392.5%
GOLD	G1W	9,954	3,670	171.2%	11,478	-13.3%	50,030	3,670	1,263.2%
GOLD	G2M	12,389	1,477	738.8%	12,142	2.0%	59,693	1,477	3,941.5%
GOLD	G2W	10,962	1,864	488.1%	12,414	-11.7%	54,211	1,864	2,808.3%
GOLD	G3M	7,885	1,501	425.3%	11,169	-29.4%	41,363	1,501	2,655.7%
GOLD	G3W	8,820	2,131	313.9%	13,587	-35.1%	57,800	2,131	2,612.3%
GOLD	G4M	11,898	1,704	598.2%	5,465	117.7%	40,059	1,704	2,250.9%
GOLD	G4W	8,209	243	3,278.2%	7,376	11.3%	42,226	243	17,277.0%
GOLD	G5M	0	0	-	0	0.0%	7,925	0	-
GOLD	G5W	12,889	0	-	0	0.0%	18,252	0	-
GOLD	OG1	78,734	54,298	45.0%	41,608	89.2%	265,821	265,447	0.1%
GOLD	OG2	71,382	48,816	46.2%	62,032	15.1%	304,850	262,235	16.3%
GOLD	OG3	53,530	39,949	34.0%	35,756	49.7%	292,869	255,983	14.4%
GOLD	OG4	29,846	30,487	-2.1%	41,735	-28.5%	174,702	230,768	-24.3%
GOLD	OG5	0	0	0.0%	0	0.0%	42,962	39,085	9.9%
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	HRO	1,180	926	27.4%	1,350	-12.6%	11,795	7,886	49.6%
NYMEX PLATINUM	PO	26,803	3,085	768.8%	27,337	-2.0%	84,344	31,938	164.1%
PALLADIUM	PAO	1,357	7	19,285.7%	919	47.7%	5,507	97	5,577.3%
SILVER	M1S	2,270	58	3,813.8%	1,393	63.0%	6,934	58	11,855.2%
SILVER	M2S	1,894	168	1,027.4%	3,065	-38.2%	8,754	168	5,110.7%



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Commodity	VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOLUME APR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Options								
SILVER M3S	1,141	294	288.1%	706	61.6%	3,899	294	1,226.2%
SILVER M4S	1,519	90	1,587.8%	392	287.5%	4,328	90	4,708.9%
SILVER M5S	0	0	-	0	0.0%	607	0	-
SILVER SO1	7,979	4,244	88.0%	6,859	16.3%	40,700	25,229	61.3%
SILVER SO2	13,197	4,492	193.8%	8,685	52.0%	42,043	29,938	40.4%
SILVER SO3	5,013	3,146	59.3%	6,611	-24.2%	33,904	20,919	62.1%
SILVER SO4	3,377	2,302	46.7%	3,604	-6.3%	18,457	17,299	6.7%
SILVER SO5	0	0	0.0%	0	0.0%	7,933	2,289	246.6%
SILVER W1S	2,066	395	423.0%	2,573	-19.7%	8,247	395	1,987.8%
SILVER W2S	1,034	190	444.2%	1,981	-47.8%	6,980	190	3,573.7%
SILVER W3S	1,074	169	535.5%	1,410	-23.8%	6,981	169	4,030.8%
SILVER W4S	939	95	888.4%	931	0.9%	4,144	95	4,262.1%
SILVER W5S	1,670	0	-	0	0.0%	1,964	0	-
TOTAL FUTURES GROUP								
Ag Products Futures	0	0	0.0%	0	-	0	0	0.0%
Energy Futures	38,136,322	33,301,237	14.5%	34,024,789	12.1%	185,081,272	205,596,572	-10.0%
Metals Futures	12,438,644	9,191,003	35.3%	10,164,298	22.4%	57,389,890	49,795,218	15.3%
TOTAL FUTURES	50,574,966	42,492,240	19.0%	44,189,087	14.5%	242,471,162	255,391,790	-5.1%
TOTAL OPTIONS GROUP								
Energy Options	6,190,082	4,463,687	38.7%	5,727,156	8.1%	28,031,459	27,560,658	1.7%
Metals Options	1,874,697	1,282,113	46.2%	1,538,225	21.9%	8,901,764	6,818,077	30.6%
TOTAL OPTIONS	8,064,779	5,745,800	40.4%	7,265,381	11.0%	36,933,223	34,378,735	7.4%



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Commodity	VOLUME MAY 2023	VOLUME MAY 2022	% CHG	VOIUME APR 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	44,326,404	37,764,924	17.4%	39,751,945	11.5%	213,112,731	233,157,230	-8.6%
Metals	14,313,341	10,473,116	36.7%	11,702,523	22.3%	66,291,654	56,613,295	17.1%
GRAND TOTAL	58,639,745	48,238,040	21.6%	51,454,468	14.0%	279,404,385	289,770,525	-3.6%