

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Ag Products Futures																			
COFFEE	KT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%	
COTTON	TT	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SUGAR 11	YO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
Energy Futures																			
CRUDE OIL PHY	CL	0	0	0.0%	15,810,341	19,985,730	-0.21	300,910	485,302	-38.0%	0	0	0.0%	124,908,814	142,771,148	-12.5%	2,655,113	2,927,678	-9.3%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,232	-100.0%	
MINY WTI CRUDE OIL	QM	0	0	0.0%	654,834	482,048	0.36	0	0	0.0%	0	0	0.0%	4,402,719	2,898,716	51.9%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,303,384	1,938,981	-0.33	17,890	6,484	175.9%	0	0	0.0%	10,475,191	14,216,045	-26.3%	200,738	129,579	54.9%
HEATING OIL PHY	HO	0	0	0.0%	2,818,150	2,517,669	0.12	78,023	151,125	-48.4%	0	0	0.0%	22,880,978	19,936,745	14.8%	821,373	1,143,065	-28.1%
HTG OIL	BH	0	0	0.0%	0	0	0	36	0	0.0%	0	0	0.0%	0	0	0.0%	72	112	-35.7%
MINY HTG OIL	QH	0	0	0.0%	11	6	0.83	0	0	0.0%	0	0	0.0%	57	44	29.5%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	2,850,403	3,405,214	-0.16	113,965	162,161	-29.7%	0	0	0.0%	25,106,752	26,282,504	-4.5%	1,130,491	1,307,745	-13.6%
MINY RBOB GAS	QU	0	0	0.0%	7	8	-0.13	0	0	0.0%	0	0	0.0%	60	63	-4.8%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	31,543	70,603	-0.55	105,426	114,430	-7.9%	0	0	0.0%	332,554	314,609	5.7%	964,184	589,603	63.5%
LTD NAT GAS	HH	0	0	0.0%	185,557	233,769	-0.21	106,377	107,728	-1.3%	0	0	0.0%	1,741,955	1,502,957	15.9%	778,353	595,028	30.8%
MINY NATURAL GAS	QG	0	0	0.0%	314,192	118,892	1.64	0	0	0.0%	0	0	0.0%	2,242,863	761,503	194.5%	48	0	0.0%
PJM MONTHLY	JM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PHY	NG	0	0	0.0%	5,707,518	7,075,061	-0.19	119,417	112,614	6.0%	0	0	0.0%	52,198,481	53,621,672	-2.7%	1,022,831	1,043,885	-2.0%
RBOB GAS	RT	0	0	0.0%	0	0	0	24	0	0.0%	0	0	0.0%	0	0	0.0%	48	60	-20.0%
3.5% FUEL OIL CID MED SWA	7D	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	8,180	5,622	45.5%	0	0	0.0%	0	0	0.0%	39,085	63,182	-38.1%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	4,635	4,887	-5.2%	0	0	0.0%	0	0	0.0%	39,301	39,202	0.3%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,306	1,179	10.8%	0	0	0.0%	0	0	0.0%	14,102	12,533	12.5%
AUSTRIALIAN COKE COAL	ALW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	139	-100.0%	0	0	0.0%	0	0	0.0%	1,587	889	78.5%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	10,029	8,821	13.7%	0	0	0.0%	0	0	0.0%	102,375	57,063	79.4%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	240	0	0.0%	0	0	0.0%	0	0	0.0%	240	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	68	-100.0%

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Energy Futures																			
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	
CAR VINTAGE	GEO	0	0	0.0%	5,744	99	57.02	423	220	92.3%	0	0	0.0%	11,304	340	3,224.7%	7,732	390	1,882.6%
CAR VINTAGE	NGO	0	-	-	9,588	-	-	5,709	-	-	0	-	26,034	-	-	60,949	-	-	
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	139	2	68.5	55,353	60,808	-9.0%	0	0	0.0%	1,052	780	34.9%	405,471	519,644	-22.0%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	425	465	-8.6%	0	0	0.0%	0	0	0.0%	4,113	3,442	19.5%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	425	-100.0%
CIG BASIS	CI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	H5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	H4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	0	1,540	-100.0%	0	0	0.0%	0	0	0.0%	1,721	2,402	-28.4%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	550	380	44.7%	0	0	0.0%	0	0	0.0%	2,542	1,623	56.6%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	14	0	0	13,811	12,161	13.6%	0	0	0.0%	74	24	208.3%	108,246	92,957	16.4%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	0	0	0.0%	0	0	0	572	17	3,264.7%	0	0	0.0%	0	0	0.0%	2,946	2,212	33.2%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	708	84	742.9%	0	0	0.0%	0	0	0.0%	6,846	1,760	289.0%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	0	855	-100.0%	0	0	0.0%	0	0	0.0%	1,566	9,081	-82.8%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	0	1,285	-100.0%	0	0	0.0%	0	0	0.0%	1,260	13,089	-90.4%
CRUDE OIL OUTRIGHTS	DAB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	DBL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	105	0	0.0%	0	0	0.0%	0	0	0.0%	105	2,404	-95.6%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	51,034	39,979	27.7%	0	0	0.0%	0	0	0.0%	485,266	402,587	20.5%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	0	310	-100.0%	0	0	0.0%	0	0	0.0%	3,830	7,213	-46.9%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	0	135	-100.0%	0	0	0.0%	0	0	0.0%	16,530	26,722	-38.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	11	-1	0	0	0.0%	0	0	0.0%	0	17,590	-100.0%	0	2,542	-100.0%
CRUDE OIL PHY	MCL	0	0	0.0%	2,585,141	645,356	3.01	0	0	0.0%	0	0	0.0%	18,232,736	645,356	2,725.2%	0	0	0.0%
CRUDE OIL SPRDS	38	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL SPRDS	ANT	0	0	0.0%	0	0	0	860	330	160.6%	0	0	0.0%	0	0	0.0%	5,981	1,777	236.6%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,255	4,800	-32.2%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	41,039	14,895	175.5%	0	0	0.0%	0	0	0.0%	354,728	181,008	96.0%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Energy Futures																			
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0.0%	0	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	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	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PNO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DAILY PJM	PNP	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DATED BRENT (PLATTS) DAILY	7G	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,220	1,215	82.7%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	30	-83.3%	
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DUBAI CRUDE OIL BALMO	BI	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,000	0	0.0%	
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	21	30,032	-1	0	-100.0%	0	0	0.0%	10,828	333,172	-96.8%	3,566	35,461	-89.9%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	693	-100.0%	0	0	0.0%	0	1	-100.0%	816	3,769	-78.3%	
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY OFF PEAK	4P	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EMMISSIONS	CGO	0	-	-	3,695	-	0	-	-	0	-	-	9,527	-	-	0	-	-	
ETHANOL	MTH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	10	0.0%	
ETHANOL SWAP	MT2	0	0	0.0%	0	0	0	135	-25.0%	0	0	0.0%	0	0	0.0%	1,435	983	46.0%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	1,248	-41.0%	0	0	0.0%	0	0	0.0%	19,123	23,756	-19.5%	
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%	
EURO 3.5% FUEL OIL SPREAD	FK	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	1,169	953	22.7%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%	
EUROPE 1% FUEL OIL RDAM C	UH	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	



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Energy Futures																			
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	7	-100.0%	0	0	0.0%	0	0	0.0%	546	236	131.4%	
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	280	74	2.78	1,458	0	0.0%	0	0.0%	2,367	342	592.1%	10,232	4,118	148.5%	
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	7	4	75.0%	0	0	0.0%	0	0	0.0%	152	20	660.0%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	843	2,055	-59.0%	0	0	0.0%	0	0	0.0%	17,548	5,940	195.4%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	307	855	-64.1%	0	0	0.0%	0	0	0.0%	4,731	3,828	23.6%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	920	1,077	-14.6%	0	0	0.0%	0	0	0.0%	11,345	9,547	18.8%
FREIGHT MARKETS	ACB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BF1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	119	-100.0%
FREIGHT MARKETS	BF3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BL2	0	0	0.0%	0	0	0	45	15	200.0%	0	0	0.0%	0	0	0.0%	345	55	527.3%
FREIGHT MARKETS	CS3	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	10	-	-
FREIGHT MARKETS	CS4	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	360	-	-
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	0	47	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	30	6	400.0%	0	0	0.0%	0	0	0.0%	222	569	-61.0%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	70	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	708	275	157.5%
FREIGHT MARKETS	T7C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	TC6	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	0	-	-
FREIGHT MARKETS	TD3	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	0	-	-
FREIGHT MARKETS	USC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	36	300	-88.0%	0	0	0.0%	0	0	0.0%	1,192	1,588	-24.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	66	72	-8.3%
FUEL OIL (PLATS) CAR CM	1W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	173	344	-49.7%	0	0	0.0%	0	0	0.0%	1,583	4,127	-61.6%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	705	3,983	-82.3%	0	0	0.0%	0	0	0.0%	20,297	31,089	-34.7%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	60	-25.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	12	-100.0%	0	0	0.0%	0	0	0.0%	10	42	-76.2%

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 Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Futures																			
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	65	75	-13.3%
GASOIL 10PPM VS ICE SWAP	TP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	6	3	100.0%	0	0	0.0%	0	0	0.0%	941	806	16.7%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	87	1,620	-94.6%	0	0	0.0%	0	0	0.0%	10,842	7,686	41.1%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	158	161	-1.9%	0	0	0.0%	0	0	0.0%	2,511	2,524	-0.5%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	48	-100.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (F	A9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	3,155	3,540	-10.9%	0	0	0.0%	0	0	0.0%	35,585	31,420	13.3%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	1,707	2,725	-37.4%	0	0	0.0%	0	0	0.0%	25,622	18,390	39.3%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	107	107	0.0%	0	0	0.0%	0	0	0.0%	847	107	691.6%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	4,085	18,950	-78.4%	0	0	0.0%	0	0	0.0%	77,509	149,459	-48.1%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	1,621	808	100.6%	0	0	0.0%	0	0	0.0%	22,606	15,431	46.5%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	7,765	2,260	243.6%	0	0	0.0%	0	0	0.0%	47,305	4,803	884.9%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	0	713	-100.0%	0	0	0.0%	0	0	0.0%	728	3,653	-80.1%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	265	153	73.2%	0	0	0.0%	0	0	0.0%	3,170	1,993	59.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	127	0	0.0%	0	0	0.0%	0	0	0.0%	127	2,450	-94.8%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	-	-	3	-	0	-	-	0	-	-	6	-	-	0	-	-	
HENRY HUB BASIS SWAP	HB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	NBP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	NN	0	0	0.0%	2	0	0	15,139	24,509	-38.2%	0	0	0.0%	1,242	31	3,906.5%	187,591	233,585	-19.7%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	0	317	-100.0%	0	0	0.0%	0	0	0.0%	2,193	4,475	-51.0%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	46	-100.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	1,114	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	214	0	0.0%	0	0	0.0%	0	0	0.0%	312	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	121	50	142.0%	0	0	0.0%	0	0	0.0%	935	455	105.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Futures																			
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	120	104	15.4%	0	0	0.0%	0	0	0.0%	1,447	903	60.2%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	705	1,515	-53.5%	0	0	0.0%	0	0	0.0%	14,666	7,887	86.0%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	48	1,361	-96.5%	0	0	0.0%	0	0	0.0%	2,155	4,366	-50.6%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	2,191	1,635	34.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	225	-100.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	125	625	-80.0%	0	0	0.0%	0	0	0.0%	3,275	2,465	32.9%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	93	1,850	-95.0%
LOS ANGELES CARB GASOLIN	MH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	1,610	1,300	23.8%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	10,673	13,865	-23.0%	0	0	0.0%	0	0	0.0%	106,946	133,483	-19.9%
MARS BLEND CRUDE OIL	MB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	692	868	-0.2	3,381	7,901	-57.2%	0	0	0.0%	5,617	16,675	-66.3%	41,469	70,374	-41.1%
MCCLOSKY RCH BAY COAL	MFJ	0	0	0.0%	0	0	0	166	665	-75.0%	0	0	0.0%	0	81	-100.0%	2,990	6,166	-51.5%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	NF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	10	13	-23.1%	0	0	0.0%	0	0	0.0%	233	98	137.8%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	348	400	-13.0%	0	0	0.0%	0	0	0.0%	2,734	4,224	-35.3%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	1,279	1,290	-0.9%	0	0	0.0%	0	0	0.0%	11,617	4,704	147.0%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	30	70	-0.57	34,156	28,765	18.7%	0	0	0.0%	265	220	20.5%	249,461	174,848	42.7%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	415	640	-35.2%	0	0	0.0%	0	0	0.0%	6,193	2,917	112.3%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	29	53	-0.45	121,189	178,696	-32.2%	0	0	0.0%	167	172	-2.9%	1,167,968	1,217,735	-4.1%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	2,366	2,691	-12.1%	0	0	0.0%	0	0	0.0%	21,974	21,320	3.1%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	43	0	0	25,082	19,483	28.7%	0	0	0.0%	43	0	0.0%	163,130	101,636	60.5%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	2,119	265	699.6%	0	0	0.0%	0	0	0.0%	9,685	3,521	175.1%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	50,433	54,435	-7.4%	0	0	0.0%	0	0	0.0%	366,257	336,149	9.0%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	769	247	211.3%	0	0	0.0%	0	0	0.0%	10,749	8,501	26.4%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	7	-1	34,796	67,745	-48.6%	0	0	0.0%	0	106	-100.0%	353,442	372,271	-5.1%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	P8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%



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Energy Futures																			
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	825	0	0.0%	0	0	0.0%	0	0	0.0%	6,112	795	668.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NGPL MID-CONTINENT	NL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	PD	-	0	0.0%	-	0	0	-	0	0.0%	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	
NO 2 UP-DOWN SPREAD CALE	UT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS \$	NR	-	0	0.0%	-	0	0	-	0	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	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	5	-1	1,311	258	408.1%	0	0	0.0%	31	21	47.6%	8,001	5,777	38.5%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	25	175	-85.7%	0	0	0.0%	0	0	0.0%	1,075	1,274	-15.6%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	675	545	23.9%	0	0	0.0%	0	0	0.0%	14,645	11,849	23.6%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	-	0	0.0%	-	0	0	-	0	0.0%	-	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	0.0%	0	0	0.0%	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	D4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	AN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	1,499	0	0.0%	0	0	0.0%	0	0	0.0%	3,580	50	7,060.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	66	171	-61.4%	0	0	0.0%	0	0	0.0%	941	1,034	-9.0%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	31	24	29.2%	0	0	0.0%	0	0	0.0%	280	399	-29.8%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	0	31	-100.0%	0	0	0.0%	0	0	0.0%	178	120	48.3%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	2	0	0.0%	0	0	0.0%	0	0	0.0%	15	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0	0	60	60	0.0%	0	0	0.0%	0	0	0.0%	424	147	188.4%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	333	262	27.1%	0	0	0.0%	0	0	0.0%	6,327	8,186	-22.7%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	55	203	-72.9%	0	0	0.0%	0	0	0.0%	2,154	2,218	-2.9%

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 Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Futures																			
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	420	175	140.0%	
PETROCHEMICALS	MAE	0	0	0.0%	0	0	640	1,100	-41.8%	0	0	0.0%	0	0	0.0%	7,480	4,661	60.5%	
PETROCHEMICALS	MAS	0	0	0.0%	0	0	335	615	-45.5%	0	0	0.0%	0	0	0.0%	2,750	1,793	53.4%	
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	610	420	45.2%	
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,115	-100.0%	0	0	0.0%	0	0	0.0%	15	1,892	-99.2%	
PETROCHEMICALS	MPS	0	0	0.0%	0	0	319	380	-16.1%	0	0	0.0%	0	0	0.0%	1,583	2,523	-37.3%	
PETROCHEMICALS	PMF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	12	4	200.0%	
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	19,565	18,240	7.3%	0	0	0.0%	0	0	0.0%	122,476	146,708	-16.5%	
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	142	440	-67.7%	0	0	0.0%	0	0	0.0%	2,382	4,682	-49.1%	
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	100	200	-50.0%	0	0	0.0%	0	0	0.0%	625	300	108.3%	
PETRO CRCKS & SPRDS NA	GCC	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	370	-59.5%	
PETRO CRCKS & SPRDS NA	GCM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	275	630	-56.3%	
PETRO CRCKS & SPRDS NA	GFC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,350	-	-	
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	577	750	-23.1%	
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	114	-100.0%	0	0	0.0%	0	0	0.0%	0	145	-100.0%	
PETRO CRCKS & SPRDS NA	NYF	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	50	1,780	-97.2%	0	0	0.0%	0	0	0.0%	5,603	11,192	-49.9%	
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	1,069	1,029	3.9%	0	0	0.0%	0	0	0.0%	16,896	11,170	51.3%	
PETRO CRCKS & SPRDS NA	SF3	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	1,785	373	378.6%	
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	7	-100.0%	0	0	0.0%	0	0	0.0%	121	16	656.3%	
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	575	641	-10.3%	
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%	
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	310	623	-50.2%	0	0	0.0%	0	0	0.0%	2,495	3,621	-31.1%	
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	33	-100.0%	0	0	0.0%	0	0	0.0%	787	384	104.9%	
PETRO CRK&SPRD EURO	FVB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO CRK&SPRD EURO	GCB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	0	0.0%	
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%	

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Futures																			
PETRO CRK&SPRD EURO	MUD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	83	122	-32.0%	0	0	0.0%	0	0	0.0%	795	204	289.7%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	50	537	-90.7%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	1	100.0%
PETROLEUM PRODUCTS	CMS	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	920	320	187.5%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,829	1,768	60.0%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	40	60	-33.3%	0	0	0.0%	0	0	0.0%	225	60	275.0%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	1,548	0	0.0%	0	0	0.0%	0	0	0.0%	9,404	1,038	806.0%
PETROLEUM PRODUCTS	MME	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	14	-100.0%
PETROLEUM PRODUCTS	NCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	0	18	42	-57.1%	0	0	0.0%	0	0	0.0%	279	299	-6.7%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,148	311	269.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	185	675	-72.6%	0	0	0.0%	0	0	0.0%	6,326	1,732	265.2%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	55	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	28	76	-63.2%	0	0	0.0%	0	0	0.0%	173	651	-73.4%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	9	0.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	5L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	63	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	285	50	470.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	6	0	0.0%	0	0	0.0%	0	0	0.0%	38	5	660.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	115	152	-24.3%	0	0	0.0%	0	0	0.0%	1,448	3,079	-53.0%

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Futures																			
PETRO OUTRIGHT EURO	EFF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	69	551	-87.5%	0	0	0.0%	0	0	0.0%	739	908	-18.6%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	GNO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	0	952	1,132	-15.9%	0	0	0.0%	0	0	0.0%	7,954	9,157	-13.1%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	210	-100.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	176	325	-45.8%	0	0	0.0%	0	0	0.0%	4,597	3,011	52.7%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	10	194	-94.8%	0	0	0.0%	0	0	0.0%	79	1,889	-95.8%
PETRO OUTRIGHT EURO	MQA	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	-	138	-
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	56	-100.0%
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	1,242	1,641	-24.3%	0	0	0.0%	0	0	0.0%	12,618	6,214	103.1%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	507	544	-6.8%	0	0	0.0%	0	0	0.0%	7,580	5,131	47.7%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	0	27	-100.0%	0	0	0.0%	0	0	0.0%	95	27	251.9%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	5	0.0%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	119	102	16.7%	0	0	0.0%	0	0	0.0%	891	779	14.4%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	1,834	2,024	-9.4%	0	0	0.0%	0	0	0.0%	15,641	11,799	32.6%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	2,560	795	222.0%	0	0	0.0%	0	0	0.0%	22,460	7,205	211.7%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	750	-100.0%	0	0	0.0%	0	0	0.0%	0	1,050	-100.0%
PETRO OUTRIGHT EURO	SR5	0	-	-	0	-	15	-	-	-	0	-	0	-	-	0	-	15	-
PETRO OUTRIGHT EURO	T0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	T2B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	TLB	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	-	0	-
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	UNB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	-	-	0	-	0	-	-	-	0	-	0	-	-	0	-	0	-
PETRO OUTRIGHT NA	A8B	0	0	0.0%	0	0	0	560	150	273.3%	0	0	0.0%	0	0	0.0%	1,780	500	256.0%
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	0	740	60	1,133.3%	0	0	0.0%	0	0	0.0%	2,795	1,735	61.1%
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	1,260	1,375	-8.4%	0	0	0.0%	0	0	0.0%	18,395	12,580	46.2%
PETRO OUTRIGHT NA	DBB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
Energy Futures																		
PETRO OUTRIGHT NA	FCB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
PETRO OUTRIGHT NA	H5B	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	60	275	-78.2%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	325	225.0%	0	0	0.0%	0	0	0.0%	3,310	1,325	149.8%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	450	38.5%	0	0	0.0%	0	0	0.0%	2,061	325	534.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	695	389	78.7%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	42	-77.0%	0	0	0.0%	0	0	0.0%	538	410	31.2%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	255	28.8%	0	0	0.0%	0	0	0.0%	1,699	3,167	-46.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	65	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	0.0%	0	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	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	0	0.0%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	D7	-	0	0.0%	-	0	0	-	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	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CA	4N	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	W6	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	L6	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	E4	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	J4	-	0	0.0%	-	0	0	-	0.0%	-	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	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	0	0.0%	0	0	0.0%	0	0	0.0%
PLASTICS	PGP	0	0	0.0%	0	0	0	571	91.0%	0	0	0.0%	0	0	0.0%	7,172	9,734	-26.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	5	1,100.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	1,170	151.6%	0	0	0.0%	0	0	0.0%	11,805	9,130	29.3%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	12,103	2.9%	0	0	0.0%	0	0	0.0%	93,416	113,357	-17.6%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	3,305	-64.3%	0	0	0.0%	0	0	0.0%	39,178	47,307	-17.2%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	330	-52.2%	0	0	0.0%	0	0	0.0%	13,162	16,090	-18.2%
RBOB CRACK SPREAD BALMO	1E	0	-	-	0	-	-	127	-	0	-	-	0	-	-	127	-	-
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	794	93.2%	0	0	0.0%	0	0	0.0%	11,180	3,579	212.4%
RBOB PHY	MRB	0	-	-	14	-	-	0	-	0	-	-	25	-	-	0	-	-
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Futures																			
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	180	0	0.0%	0	0	0.0%	0	0	0.0%	555	505	9.9%
SAN JUAN BASIS SWAP	NJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	BS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	11	201	-94.5%	0	0	0.0%	0	0	0.0%	1,279	1,461	-12.5%
SINGAPORE FUEL 180CST CAL	UA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	375	270	38.9%	0	0	0.0%	0	0	0.0%	3,628	1,702	113.2%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	186	24	675.0%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	320	382	-16.2%	0	0	0.0%	0	0	0.0%	2,303	2,206	4.4%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	332	85	290.6%
SINGAPORE GASOIL CALENDAS	MSG	0	0	0.0%	0	0	0	23	1,602	-98.6%	0	0	0.0%	0	0	0.0%	1,151	5,613	-79.5%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	75	693	-89.2%	0	0	0.0%	0	0	0.0%	2,965	10,033	-70.4%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	2,247	-100.0%	0	0	0.0%	0	0	0.0%	3,936	6,848	-42.5%
SINGAPORE JET KERO BALMO	BX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	3,653	900	305.9%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	0	260	-100.0%	0	0	0.0%	0	0	0.0%	405	1,085	-62.7%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	810	310	161.3%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	0	700	-100.0%	0	0	0.0%	0	0	0.0%	600	2,984	-79.9%
Sumas Basis Swap	NK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	264	105	151.4%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	195	135	44.4%
TCO BASIS SWAP	TC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	0	757	-100.0%	0	0	0.0%	0	0	0.0%	6,185	10,057	-38.5%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	-	0	0.0%	-	0	0	-	0	0.0%	-	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	0.0%	0	0	0.0%	0	2,535	-100.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	3,174	2,325	36.5%	0	0	0.0%	0	0	0.0%	47,429	35,779	32.6%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	14,191	40,246	-64.7%	0	0	0.0%	0	0	0.0%	204,859	218,982	-6.4%
WAHA BASIS	NW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	BY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	38,293	38,079	0.6%	0	0	0.0%	0	0	0.0%	395,501	281,842	40.3%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	31,385	47,932	-34.5%	0	0	0.0%	0	0	0.0%	447,388	373,309	19.8%

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Energy Futures																			
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,755	-100.0%	
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	315	5,105	-93.8%	0	0	0.0%	0	0	0.0%	18,862	30,095	-37.3%	
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,885	4,740	24.2%	
Energy Options																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	368	-100.0%	0	0	0.0%	0	0	0.0%	3,086	2,872	7.5%	
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	89,250	71,250	25.3%	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	175	5,716	-96.9%	0	0	0.0%	0	0	0.0%	90,337	135,956	-33.6%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	4,823	2,655	0.82	6,122	8,550	-28.4%	0	0	0.0%	17,155	23,183	-26.0%	122,787	167,455	-26.7%
BRENT OIL LAST DAY	OS	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
COAL API2 INDEX	F2C	0	0	0.0%	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	390	770	-49.4%	
COAL API2 INDEX	F2Q	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	100	985	-89.8%	
CRUDE OIL	6Y	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
CRUDE OIL 1MO	WA	0	0	0.0%	1,160	0	0	30,600	153,650	-80.1%	0	0	0.0%	30,711	42,180	-27.2%	461,045	970,475	-52.5%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	20,794	19,803	5.0%	0	0	0.0%	0	0	0.0%	151,039	245,418	-38.5%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
CRUDE OIL PHY	CD	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	17,480	10,806	61.8%	0	0	0.0%	0	1,000	-100.0%	272,838	70,536	286.8%
CRUDE OIL PHY	LO	0	0	0.0%	1,580,998	2,201,762	-0.28	705,776	437,051	61.5%	0	0	0.0%	14,195,373	12,708,633	11.7%	3,645,116	3,780,989	-3.6%
CRUDE OIL PHY	LO1	0	0	0.0%	10,689	16,822	-0.36	0	125	-100.0%	0	0	0.0%	206,843	100,020	106.8%	975	825	18.2%
CRUDE OIL PHY	LO2	0	0	0.0%	24,152	20,309	0.19	0	200	-100.0%	0	0	0.0%	153,665	87,582	75.5%	525	1,550	-66.1%
CRUDE OIL PHY	LO3	0	0	0.0%	61	14,839	-1	0	0	0.0%	0	0	0.0%	114,621	81,823	40.1%	350	1,050	-66.7%
CRUDE OIL PHY	LO4	0	0	0.0%	33,521	31,195	0.07	0	100	-100.0%	0	0	0.0%	219,561	127,515	72.2%	830	1,300	-36.2%
CRUDE OIL PHY	LO5	0	0	0.0%	23,465	17,607	0.33	2,800	0	0.0%	0	0	0.0%	41,205	41,730	-1.3%	2,950	0	0.0%
CRUDE OIL PHY	MCO	0	-	-	6,569	-	0	-	-	0	-	-	8,835	-	-	0	-	-	
CRUDE OIL PHY	MW1	0	-	-	467	-	0	-	-	0	-	-	673	-	-	0	-	-	
CRUDE OIL PHY	MW2	0	-	-	999	-	0	-	-	0	-	-	1,192	-	-	0	-	-	
CRUDE OIL PHY	MW3	0	-	-	0	-	0	-	-	0	-	-	158	-	-	0	-	-	
CRUDE OIL PHY	MW4	0	-	-	2,650	-	0	-	-	0	-	-	3,014	-	-	0	-	-	
CRUDE OIL PHY	MW5	0	-	-	1,537	-	0	-	-	0	-	-	1,537	-	-	0	-	-	
ELEC FINSETTLED	PJN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	2,474	2,415	2.4%	0	0	0.0%	0	0	0.0%	24,387	18,718	30.3%

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Energy Options																			
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
FREIGHT MARKETS	FLO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-	
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	750	930	-19.4%	
HEATING OIL PHY	FZ	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	382	1,533	-75.1%	
HEATING OIL PHY	OH	0	0	0.0%	1,468	2,697	-0.46	5,822	4,035	44.3%	0	0	0.0%	17,496	12,623	38.6%	61,566	26,511	132.2%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	20	0	0	3,491	5,047	-30.8%	0	0	0.0%	106	40	165.0%	36,866	74,168	-50.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	1,300	0	0.0%	0	0	0.0%	0	0	0.0%	4,625	0	0.0%
LLS CRUDE OIL	HTO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,200	-	-	
LLS CRUDE OIL	WTO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	900	0	0.0%	
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	0	540	-100.0%	
MCCLOSKY RCH BAY COAL	MFO	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS	LN1	0	-	-	0	-	0	-	-	0	-	-	350	-	-	0	-	-	
NATURAL GAS	LN2	0	-	-	9	-	0	-	-	0	-	-	648	-	-	50	-	-	
NATURAL GAS	LN3	0	-	-	5	-	0	-	-	0	-	-	1,062	-	-	0	-	-	
NATURAL GAS	LN4	0	-	-	0	-	0	-	-	0	-	-	1,516	-	-	0	-	-	
NATURAL GAS	LN5	0	-	-	3	-	0	-	-	0	-	-	5	-	-	0	-	-	
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	300	0	0	85,600	45,950	86.3%	0	0	0.0%	5,200	4,250	22.4%	673,442	295,699	127.7%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	350	0.0%	0	0	0.0%	0	0	0.0%	14,100	5,800	143.1%	
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	400	0	0	44,700	31,925	40.0%	0	0	0.0%	800	200	300.0%	260,300	148,231	75.6%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,250	11,150	314.8%	
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	4,000	17,600	-77.3%	0	0	0.0%	0	0	0.0%	80,900	85,800	-5.7%
NATURAL GAS OPT	JFO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	300	-	-	
NATURAL GAS OPT	JKO	0	0	0.0%	0	0	0	150	3,400	-95.6%	0	0	0.0%	0	0	0.0%	5,400	13,650	-60.4%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0	0	4,440	-100.0%	0	0	0.0%	0	0	0.0%	700	143,120	-99.5%	
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	11,220	-100.0%	0	0	0.0%	0	0	0.0%	600	47,520	-98.7%
NATURAL GAS PHY	KD	0	0	0.0%	0	0	0	3,530	1,475	139.3%	0	0	0.0%	0	0	0.0%	10,330	15,525	-33.5%
NATURAL GAS PHY	LN	0	0	0.0%	816,403	1,244,678	-0.34	1,012,634	924,029	9.6%	0	0	0.0%	6,765,046	7,830,240	-13.6%	8,228,478	5,782,184	42.3%
NATURAL GAS PHY	ON	0	0	0.0%	68,630	71,665	-0.04	8,978	6,024	49.0%	0	0	0.0%	618,195	545,031	13.4%	48,800	28,787	69.5%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NATURAL GAS WINTER STRIP	6I	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
N ROCKIES PIPE SWAP	ZR	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	211	80	1.64	855	518	65.1%	0	0	0.0%	950	560	69.6%	12,982	5,542	134.2%
PETROCHEMICALS	4H	0	0	0.0%	0	5	-1	0	423	-100.0%	0	0	0.0%	11	60	-81.7%	3,152	5,961	-47.1%

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 Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Energy Options																			
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	715	-100.0%	
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%	
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT NA	1N5	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	375	1,080	-65.3%	
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
RBOB 1MO CAL SPD OPTIONS	ZA	0	-	-	0	-	1,000	-	-	0	-	-	0	-	-	2,550	-	-	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	445	35	1,171.4%	0	0	0.0%	0	0	0.0%	3,397	1,155	194.1%	
RBOB PHY	OB	0	0	0.0%	938	2,245	-0.58	2,120	6,155	-65.6%	0	0	0.0%	7,516	16,173	-53.5%	17,675	35,362	-50.0%
RBOB PHY	RF	0	0	0.0%	0	0	60	16	275.0%	0	0	0.0%	0	0	0.0%	1,260	450	180.0%	
SAN JUAN PIPE SWAP	PJ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	50	500.0%	
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	100	450.0%	
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	200	-50.0%	
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	0	0.0%	
SHORT TERM	U15	0	0	0.0%	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%	
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%	
SHORT TERM	U23	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	300	-33.3%	
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	75	166.7%	
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	75	233.3%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	350	-100.0%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	300	33.3%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	200	150.0%	
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	550	800	-31.3%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	925	325	184.6%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	50	300.0%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%	
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%	

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Energy Options																		
SHORT TERM NATURAL GAS U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS U18	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
SHORT TERM NATURAL GAS U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	0	0.0%
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	0	0.0%
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	450	200	125.0%	0	0	0.0%	0	0	0.0%	950	200	375.0%
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS U28	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	100	0.0%
SHORT TERM NATURAL GAS U29	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	100	250	-60.0%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	3,615	0	0	63,075	31,250	101.8%	0	0	0.0%	7,970	7,100	12.3%	270,750	185,500	46.0%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	0	0	24,300	91,760	-73.5%	0	0	0.0%	271	900	-69.9%	417,629	562,870	-25.8%

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Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	5,247,565	5,512,929	-0.05	153,316	90,227	69.9%	0	0	0.0%	32,786,930	36,528,398	-10.2%	833,859	776,493	7.4%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	3,854	2,924	0.32	11,126	16,417	-32.2%	0	0	0.0%	33,140	31,199	6.2%	125,006	115,917	7.8%
NYMEX PLATINUM	PL	0	0	0.0%	303,383	289,021	0.05	8,901	5,091	74.8%	0	0	0.0%	2,786,045	2,474,184	12.6%	69,167	64,653	7.0%
PALLADIUM	PA	0	0	0.0%	31,966	33,322	-0.04	835	2,463	-66.1%	0	0	0.0%	309,158	303,407	1.9%	12,505	15,518	-19.4%
URANIUM	UX	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	24	465	-94.8%	0	520	-100.0%
COMEX SILVER	SI	0	0	0.0%	1,184,290	1,245,296	-0.05	21,963	27,118	-19.0%	0	0	0.0%	9,655,036	12,537,507	-23.0%	172,513	221,390	-22.1%
COMEX E-Mini GOLD	QO	0	0	0.0%	27,969	23,068	0.21	0	0	0.0%	0	0	0.0%	215,600	160,761	34.1%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	3,132	3,938	-0.2	0	0	0.0%	0	0	0.0%	27,229	48,701	-44.1%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,646,696	1,810,301	-0.09	12,402	12,489	-0.7%	0	0	0.0%	11,947,871	16,004,085	-25.3%	131,124	136,033	-3.6%
COMEX MINY COPPER	QC	0	0	0.0%	3,019	3,970	-0.24	0	0	0.0%	0	0	0.0%	25,306	28,506	-11.2%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	174	-100.0%
ALUMINUM	AEP	0	0	0.0%	0	0	0	2,436	6,553	-62.8%	0	0	0.0%	15	0	0.0%	12,015	23,673	-49.2%
ALUMINUM	ALA	0	0	0.0%	0	0	0	90	40	125.0%	0	0	0.0%	0	0	0.0%	1,745	3,080	-43.3%
ALUMINUM	ALI	0	0	0.0%	53,141	14,424	2.68	34	0	0.0%	0	0	0.0%	171,203	62,614	173.4%	34	20	70.0%
ALUMINUM	AUP	0	0	0.0%	141	887	-0.84	7,429	5,152	44.2%	0	0	0.0%	2,449	4,395	-44.3%	41,156	40,328	2.1%
ALUMINUM	CUP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	10,107	5,883	71.8%	0	0	0.0%	59	75	-21.3%	31,866	22,893	39.2%
ALUMINUM	MJP	0	0	0.0%	0	0	0	150	750	-80.0%	0	0	0.0%	0	0	0.0%	2,440	1,850	31.9%
COBALT METAL FUTURES	COB	0	0	0.0%	2	0	0	1,138	191	495.8%	0	0	0.0%	13	12	8.3%	6,426	2,595	147.6%
COPPER	HGS	0	0	0.0%	0	0	0	132	3,033	-95.6%	0	0	0.0%	0	0	0.0%	12,472	19,039	-34.5%
COPPER	MHG	0	-	-	76,805	-	0	-	-	0	-	-	207,136	-	-	0	-	-	
FERROUS PRODUCTS	BUS	0	0	0.0%	79	407	-0.81	2,430	779	211.9%	0	0	0.0%	3,080	5,887	-47.7%	15,336	5,021	205.4%
GOLD	4GC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	116	-100.0%	0	0	0.0%
GOLD	SGC	0	0	0.0%	579	2,537	-0.77	0	0	0.0%	0	0	0.0%	5,831	8,979	-35.1%	0	0	0.0%
GOLD	SGU	0	0	0.0%	580	7,041	-0.92	0	0	0.0%	0	0	0.0%	46,735	24,214	93.0%	542	0	0.0%
HOT ROLLED COIL STEEL FUTL	EHR	0	0	0.0%	403	207	0.95	3,305	1,810	82.6%	0	0	0.0%	4,286	1,091	292.9%	14,125	7,415	90.5%
IRON ORE 62 CHINA TSI FUTUR	TIO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	TIO	0	0	0.0%	0	10	-1	1,448	636	127.7%	0	0	0.0%	0	14	-100.0%	9,460	6,641	42.4%
METALS	HDG	0	0	0.0%	0	0	0	96	0	0.0%	0	0	0.0%	51	0	0.0%	396	43	820.9%
METALS	LTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
METALS	PAC	0	-	-	0	-	100	-	-	0	-	-	0	-	-	1,300	-	-	
MICRO GOLD	MGC	0	0	0.0%	881,738	1,107,149	-0.2	0	0	0.0%	0	0	0.0%	7,768,603	8,872,389	-12.4%	0	0	0.0%
SILVER	SIL	0	0	0.0%	122,752	152,383	-0.19	0	0	0.0%	0	0	0.0%	1,134,190	1,587,699	-28.6%	0	0	0.0%

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Metals Options																			
ALUMINUM	ALO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,250	-100.0%
COMEX COPPER	HX	0	0	0.0%	56,020	44,067	0.27	32,622	27,204	19.9%	0	0	0.0%	404,507	292,227	38.4%	145,591	202,206	-28.0%
COMEX GOLD	OG	0	0	0.0%	709,604	451,202	0.57	107,623	83,745	28.5%	0	0	0.0%	5,345,702	4,172,021	28.1%	850,946	928,361	-8.3%
COMEX SILVER	SO	0	0	0.0%	82,024	113,666	-0.28	6,005	22,071	-72.8%	0	0	0.0%	696,538	1,071,757	-35.0%	54,678	154,914	-64.7%
COPPER	H1E	0	0	0.0%	120	6	19	0	0	0.0%	0	0	0.0%	958	33	2,803.0%	0	0	0.0%
COPPER	H1M	0	-	-	108	-	0	-	-	0	-	-	277	-	-	0	-	-	
COPPER	H1W	0	-	-	235	-	0	-	-	0	-	-	594	-	-	0	-	-	
COPPER	H2E	0	0	0.0%	577	8	71.13	0	0	0.0%	0	0	0.0%	1,723	41	4,102.4%	0	0	0.0%
COPPER	H2M	0	-	-	149	-	0	-	-	0	-	-	371	-	-	0	-	-	
COPPER	H2W	0	-	-	125	-	0	-	-	0	-	-	229	-	-	0	-	-	
COPPER	H3E	0	0	0.0%	335	4	82.75	800	0	0.0%	0	0	0.0%	887	23	3,756.5%	800	0	0.0%
COPPER	H3M	0	-	-	382	-	0	-	-	0	-	-	524	-	-	0	-	-	
COPPER	H3W	0	-	-	95	-	0	-	-	0	-	-	175	-	-	0	-	-	
COPPER	H4E	0	0	0.0%	1,274	0	0	0	0	0.0%	0	0	0.0%	1,722	25	6,788.0%	0	0	0.0%
COPPER	H4M	0	-	-	118	-	0	-	-	0	-	-	171	-	-	0	-	-	
COPPER	H4W	0	-	-	57	-	0	-	-	0	-	-	205	-	-	0	-	-	
COPPER	H5E	0	0	0.0%	147	0	0	300	0	0.0%	0	0	0.0%	179	2	8,850.0%	300	0	0.0%
COPPER	H5W	0	-	-	0	-	0	-	-	0	-	-	177	-	-	0	-	-	
GOLD	G1M	0	-	-	5,351	-	0	-	-	0	-	-	9,636	-	-	0	-	-	
GOLD	G1W	0	-	-	7,858	-	0	-	-	0	-	-	14,209	-	-	200	-	-	
GOLD	G2M	0	-	-	3,633	-	1,000	-	-	0	-	-	14,426	-	-	1,250	-	-	
GOLD	G2W	0	-	-	4,995	-	200	-	-	0	-	-	10,870	-	-	500	-	-	
GOLD	G3M	0	-	-	3,978	-	0	-	-	0	-	-	6,534	-	-	0	-	-	
GOLD	G3W	0	-	-	7,619	-	25	-	-	0	-	-	17,080	-	-	925	-	-	
GOLD	G4M	0	-	-	3,317	-	0	-	-	0	-	-	6,056	-	-	0	-	-	
GOLD	G4W	0	-	-	6,352	-	100	-	-	0	-	-	11,160	-	-	100	-	-	
GOLD	G5W	0	-	-	0	-	0	-	-	0	-	-	7,191	-	-	750	-	-	
GOLD	OG1	0	0	0.0%	19,253	27,328	-0.3	550	2,000	-72.5%	0	0	0.0%	321,597	283,530	13.4%	13,740	20,102	-31.6%
GOLD	OG2	0	0	0.0%	39,205	34,032	0.15	568	1,000	-43.2%	0	0	0.0%	335,286	287,730	16.5%	11,998	17,074	-29.7%
GOLD	OG3	0	0	0.0%	36,625	29,957	0.22	1,000	2,675	-62.6%	0	0	0.0%	342,599	284,679	20.3%	12,561	14,791	-15.1%
GOLD	OG4	0	0	0.0%	32,103	25,826	0.24	0	200	-100.0%	0	0	0.0%	287,306	183,556	56.5%	5,515	4,297	28.3%
GOLD	OG5	0	0	0.0%	38,906	27,441	0.42	210	1,300	-83.8%	0	0	0.0%	77,341	85,872	-9.9%	860	3,866	-77.8%
HOT ROLLED COIL STEEL CALL	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
Metals Options																			
IRON ORE 62 CHINA TSI CALL C	ICT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	ICT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	ICT	0	0	0.0%	0	0	0	2,124	-100.0%	0	0	0.0%	0	0	0.0%	0	4,128	-100.0%	
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	0	0	1,460	0	0.0%	0	0	0.0%	0	0	0.0%	11,450	1,605	613.4%	
NYMEX PLATINUM	PO	0	0	0.0%	242	372	2,140	431	396.5%	0	0	0.0%	3,802	3,758	1.2%	36,585	17,201	112.7%	
PALLADIUM	PAO	0	0	0.0%	7	40	0	270	-100.0%	0	0	0.0%	111	654	-83.0%	0	4,085	-100.0%	
SILVER	M1S	0	-	-	401	-	0	-	-	0	-	-	668	-	-	0	-	-	
SILVER	M2S	0	-	-	423	-	0	-	-	0	-	-	1,154	-	-	0	-	-	
SILVER	M3S	0	-	-	208	-	0	-	-	0	-	-	567	-	-	0	-	-	
SILVER	M4S	0	-	-	208	-	0	-	-	0	-	-	505	-	-	0	-	-	
SILVER	SO1	0	0	0.0%	2,558	3,168	0	200	-100.0%	0	0	0.0%	30,345	16,675	82.0%	1,725	2,861	-39.7%	
SILVER	SO2	0	0	0.0%	2,350	2,808	0	100	-100.0%	0	0	0.0%	34,524	18,465	87.0%	2,755	2,372	16.1%	
SILVER	SO3	0	0	0.0%	2,549	1,724	0	550	-100.0%	0	0	0.0%	25,628	15,007	70.8%	985	2,875	-65.7%	
SILVER	SO4	0	0	0.0%	2,547	2,057	0	547	-100.0%	0	0	0.0%	21,931	9,648	127.3%	590	847	-30.3%	
SILVER	SO5	0	0	0.0%	3,186	2,558	0	450	-100.0%	0	0	0.0%	5,475	5,046	8.5%	0	795	-100.0%	
SILVER	W1S	0	-	-	403	-	0	-	-	0	-	-	935	-	-	0	-	-	
SILVER	W2S	0	-	-	320	-	0	-	-	0	-	-	702	-	-	0	-	-	
SILVER	W3S	0	-	-	178	-	0	-	-	0	-	-	576	-	-	200	-	-	
SILVER	W4S	0	-	-	158	-	0	-	-	0	-	-	448	-	-	0	-	-	
SILVER	W5S	0	-	-	0	-	0	-	-	0	-	-	322	-	-	0	-	-	
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%	
Energy Futures		0	0	0.0%	32,281,375	36,504,558	1,513,269	1,949,076	-22.4%	0	0	0.0%	262,591,742	263,323,500	-0.3%	13,967,335	13,773,554	1.4%	
Metals Futures		0	0	0.0%	9,588,094	10,209,814	237,438	178,752	32.8%	0	0	0.0%	67,129,990	78,684,698	-14.7%	1,493,487	1,463,301	2.1%	
TOTAL FUTURES		0	0	0.0%	41,869,469	46,714,372	1,750,707	2,127,828	-17.7%	0	0	0.0%	329,721,732	342,008,200	-3.6%	15,460,822	15,236,855	1.5%	
TOTAL OPTIONS GROUP																			
Energy Options		0	0	0.0%	2,583,093	3,626,559	2,049,381	1,825,931	12.2%	0	0	0.0%	22,421,685	21,630,843	3.7%	15,079,269	12,954,462	16.4%	
Metals Options		0	0	0.0%	1,076,303	766,264	154,603	144,867	6.7%	0	0	0.0%	8,043,923	6,730,749	19.5%	1,155,004	1,384,630	-16.6%	
TOTAL OPTIONS		0	0	0.0%	3,659,396	4,392,823	2,203,984	1,970,798	11.8%	0	0	0.0%	30,465,608	28,361,592	7.4%	16,234,273	14,339,092	13.2%	

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Commodity Indicator	Open Outcry JUL 2022	Open Outcry JUL 2021	% CHG	ELEC JUL 2022	ELEC JUL 2021	% CHG	CME ClearPort JUL 2022	CME ClearPort JUL 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
TOTAL COMBINED																		
Ag Products	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
Energy	0	0	0.0%	34,864,468	40,131,117	-13.1%	3,562,650	3,775,007	-5.6%	0	0	0.0%	285,013,427	284,954,343	0.0%	29,046,604	26,728,016	8.7%
Metals	0	0	0.0%	10,664,397	10,976,078	-2.8%	392,041	323,619	21.1%	0	0	0.0%	75,173,913	85,415,447	-12.0%	2,648,491	2,847,931	-7.0%
GRAND TOTAL	0	0	0.0%	45,528,865	51,107,195	-10.9%	3,954,691	4,098,626	-3.5%	0	0	0.0%	360,187,340	370,369,792	-2.7%	31,695,095	29,575,947	7.2%

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