

### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Ag Products Futures</b>																			
COFFEE	KT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	0	0.0%	16,022,838	15,810,341	0.01	359,842	300,910	19.6%	0	0	0.0%	114,526,923	124,908,814	-8.3%	2,639,641	2,655,113	-0.6%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	QM	0	0	0.0%	268,736	654,834	-0.59	0	0	0.0%	0	0	0.0%	2,281,927	4,402,719	-48.2%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,030,874	1,303,384	-0.21	33,650	17,890	88.1%	0	0	0.0%	7,928,028	10,475,191	-24.3%	158,761	200,738	-20.9%
HEATING OIL PHY	HO	0	0	0.0%	3,013,112	2,818,150	0.07	91,750	78,023	17.6%	0	0	0.0%	21,007,044	22,880,978	-8.2%	768,629	821,373	-6.4%
HTG OIL	BH	0	0	0.0%	0	0	0	36	36	0.0%	0	0	0.0%	0	0	0.0%	84	72	16.7%
MINY HTG OIL	QH	0	0	0.0%	5	11	-0.55	0	0	0.0%	0	0	0.0%	72	57	26.3%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,571,295	2,850,403	0.25	177,701	113,965	55.9%	0	0	0.0%	24,278,447	25,106,752	-3.3%	1,232,099	1,130,491	9.0%
MINY RBOB GAS	QU	0	0	0.0%	6	7	-0.14	0	0	0.0%	0	0	0.0%	68	60	13.3%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	49,814	31,543	0.58	86,321	105,426	-18.1%	0	0	0.0%	428,772	332,554	28.9%	902,497	964,184	-6.4%
LTD NAT GAS	HH	0	0	0.0%	180,625	185,557	-0.03	88,916	106,377	-16.4%	0	0	0.0%	1,694,179	1,741,955	-2.7%	730,244	778,353	-6.2%
MINY NATURAL GAS	QG	0	0	0.0%	148,199	314,192	-0.53	0	0	0.0%	0	0	0.0%	1,698,037	2,242,863	-24.3%	0	48	-100.0%
NATURAL GAS PHY	NG	0	0	0.0%	6,340,312	5,707,518	0.11	138,268	119,417	15.8%	0	0	0.0%	56,965,755	52,198,481	9.1%	1,328,166	1,022,831	29.9%
RBOB GAS	RT	0	0	0.0%	0	0	0	12	24	-50.0%	0	0	0.0%	0	0	0.0%	48	48	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	2,240	8,180	-72.6%	0	0	0.0%	0	0	0.0%	26,320	39,085	-32.7%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	8,213	4,635	77.2%	0	0	0.0%	0	0	0.0%	58,991	39,301	50.1%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,493	1,306	90.9%	0	0	0.0%	0	0	0.0%	19,880	14,102	41.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	35	1,587	-97.8%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	4,310	10,029	-57.0%	0	0	0.0%	0	0	0.0%	59,474	102,375	-41.9%
BRENT FINANCIAL FUTURES	BB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	240	-100.0%	0	0	0.0%	0	0	0.0%	330	240	37.5%
BRENT FINANCIAL FUTURES	MDB	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	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	0.0%
CAR VINTAGE	GEO	0	0	0.0%	3,631	5,744	-0.37	789	423	86.5%	0	0	0.0%	46,737	11,304	313.5%	26,743	7,732	245.9%
CAR VINTAGE	NGO	0	0	0.0%	3,253	9,588	-0.66	1,414	5,709	-75.2%	0	0	0.0%	21,777	26,034	-16.4%	21,361	60,949	-65.0%
CEU ENERGY	TFU	0	-	-	0	-	330	-	-	-	0	-	-	0	-	-	330	-	-

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Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Futures</b>																			
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	63	139	-0.55	71,722	55,353	29.6%	0	0	0.0%	878	1,052	-16.5%	512,362	405,471	26.4%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	2,415	425	468.2%	0	0	0.0%	0	0	0.0%	8,280	4,113	101.3%
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	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	36	0	0.0%	0	0	0.0%	0	0	0.0%	486	1,721	-71.8%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	333	550	-39.5%	0	0	0.0%	0	0	0.0%	2,033	2,542	-20.0%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	14	-1	17,922	13,811	29.8%	0	0	0.0%	0	74	-100.0%	134,540	108,246	24.3%
CRUDE OIL	LPS	-	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	120	572	-79.0%	0	0	0.0%	0	0	0.0%	2,691	2,946	-8.7%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	883	708	24.7%	0	0	0.0%	0	0	0.0%	2,697	6,846	-60.6%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,566	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,260	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	105	-100.0%	0	0	0.0%	0	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	342	0	0	119,867	51,034	134.9%	0	0	0.0%	1,515	0	0.0%	977,254	485,266	101.4%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	3,830	-97.4%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	16,530	-100.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	MCL	0	0	0.0%	1,698,892	2,585,141	-0.34	0	0	0.0%	0	0	0.0%	13,487,967	18,232,736	-26.0%	0	0	0.0%
CRUDE OIL SPRDS	ANT	0	0	0.0%	0	0	0	2,403	860	179.4%	0	0	0.0%	0	0	0.0%	5,233	5,981	-12.5%
CRUDE OIL SPRDS	BKT	0	-	-	0	-	0	0	-	0	-	-	0	-	-	0	750	-	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	413	0	0	44,712	41,039	9.0%	0	0	0.0%	1,240	0	0.0%	451,409	354,728	27.3%
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%
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	PAP	-	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%
DAILY PJM	PWO	-	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%
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	-	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%
DAILY PJM	ZJO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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<b>Energy Futures</b>																		
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
DOMINION TRANSMISSION INC	PG	-	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	400	0	0.0%	0	0	0.0%	0	0	0.0%	400	2,000	-80.0%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	23,199	21	1,103.71	5,775	0.0%	0	0	0.0%	62,843	10,828	480.4%	5,801	3,566	62.7%
EAST/WEST FUEL OIL SPREAD	EW	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	781	816	-4.3%
ELEC FINSETTLED	47	-	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%
EMMISSIONS	CGO	0	0	0.0%	3,219	3,695	-0.13	0	0.0%	0	0	0.0%	16,012	9,527	68.1%	0	0	0.0%
ETHANOL	MTH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	-	-	0	-	10	-	-	0	-	-	0	-	-	36	-	-
ETHANOL SWAP	MT2	0	0	0.0%	0	0	140	135	3.7%	0	0	0.0%	0	0	0.0%	2,340	1,435	63.1%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	4,180	1,248	234.9%	0	0	0.0%	0	0	0.0%	29,984	19,123	56.8%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,169	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	0	0.0%	0	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	0.0%	-	0	0.0%	-	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	223	546	-59.2%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	0	280	-1	0	1,458	-100.0%	0	0.0%	261	2,367	-89.0%	0	10,232	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	25	7	257.1%	0	0	0.0%	0	0	0.0%	89	152	-41.4%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	3,263	843	287.1%	0	0	0.0%	0	0	0.0%	22,421	17,548	27.8%
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	0.0%
EUROPE JET KERO NWE CALS	UJ	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	636	307	107.2%	0	0	0.0%	0	0	0.0%	6,689	4,731	41.4%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	2,235	920	142.9%	0	0	0.0%	0	0	0.0%	13,750	11,345	21.2%
FREIGHT MARKETS	BF2	-	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	15	45	-66.7%	0	0	0.0%	0	0	0.0%	1,200	345	247.8%
FREIGHT MARKETS	CS3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	360	-80.6%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	29	222	-86.9%
FREIGHT MARKETS	FRC	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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FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	708	-100.0%
FREIGHT MARKETS	T8C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	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%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	0	36	-100.0%	0	0	0.0%	0	0	0.0%	0	1,192	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	66	-54.5%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	0	0	0.0%	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	524	173	202.9%	0	0	0.0%	0	0	0.0%	1,848	1,583	16.7%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	354	705	-49.8%	0	0	0.0%	0	0	0.0%	10,385	20,297	-48.8%
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%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	0	0.0%	0	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	5	-100.0%	0	0	0.0%	0	0	0.0%	0	65	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	0	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	45	941	-95.2%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	0	87	-100.0%	0	0	0.0%	0	0	0.0%	525	10,842	-95.2%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	208	158	31.6%	0	0	0.0%	0	0	0.0%	1,443	2,511	-42.5%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	0	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	5,695	3,155	80.5%	0	0	0.0%	0	0	0.0%	29,216	35,585	-17.9%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,030	1,707	18.9%	0	0	0.0%	0	0	0.0%	17,017	25,622	-33.6%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	0	107	-100.0%	0	0	0.0%	0	0	0.0%	0	847	-100.0%
GULF COAST JET FUEL CLNDR	GE	-	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	11,645	4,085	185.1%	0	0	0.0%	0	0	0.0%	69,987	77,509	-9.7%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	2,559	1,621	57.9%	0	0	0.0%	0	0	0.0%	32,944	22,606	45.7%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	15,396	7,765	98.3%	0	0	0.0%	0	0	0.0%	100,225	47,305	111.9%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	862	728	18.4%
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	93	265	-64.9%	0	0	0.0%	0	0	0.0%	1,256	3,170	-60.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	127	-100.0%	0	0	0.0%	0	0	0.0%	0	127	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	0	0.0%	0	3	-1	0	0	0.0%	0	0	0.0%	10	6	66.7%	0	0	0.0%
HENRY HUB SWAP	NN	0	0	0.0%	0	2	-1	17,940	15,139	18.5%	0	0	0.0%	176	1,242	-85.8%	232,015	187,591	23.7%
HOUSTON SHIP CHANNEL BASI	NH	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	190	2,193	-91.3%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Futures</b>																			
ICE GASOIL BALMO SWAP	U9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	FTD	-	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%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	214	-100.0%	0	0	0.0%	0	0	0.0%	5	312	-98.4%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	67	121	-44.6%	0	0	0.0%	0	0	0.0%	1,129	935	20.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	12	6	100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	186	1,447	-87.1%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	1,590	705	125.5%	0	0	0.0%	0	0	0.0%	7,061	14,666	-51.9%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	0	48	-100.0%	0	0	0.0%	0	0	0.0%	0	2,155	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	2,368	2,191	8.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	360	125	188.0%	0	0	0.0%	0	0	0.0%	4,065	3,275	24.1%
LLS (ARGUS) CALENDAR SWAP	XA	-	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	0	0.0%	0	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	75	-100.0%	0	0	0.0%	0	0	0.0%	0	1,610	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	10,690	10,673	0.2%	0	0	0.0%	0	0	0.0%	122,660	106,946	14.7%
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	273	692	-0.61	315	3,381	-90.7%	0	0	0.0%	2,198	5,617	-60.9%	4,735	41,469	-88.6%
MCCLOSKEY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	0	166	-100.0%	0	0	0.0%	0	0	0.0%	12	2,990	-99.6%
MGN1 SWAP FUT	MGN	-	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	110	10	1,000.0%	0	0	0.0%	0	0	0.0%	130	233	-44.2%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	210	50	320.0%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	0	348	-100.0%	0	0	0.0%	0	0	0.0%	929	2,734	-66.0%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	479	1,279	-62.5%	0	0	0.0%	0	0	0.0%	7,337	11,617	-36.8%
MONT BELVIEU ETHANE 5 DECI	CO	0	0	0.0%	0	30	-1	45,897	34,156	34.4%	0	0	0.0%	0	265	-100.0%	235,012	249,461	-5.8%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	80	415	-80.7%	0	0	0.0%	0	0	0.0%	4,525	6,193	-26.9%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	2	29	-0.93	208,938	121,189	72.4%	0	0	0.0%	160	167	-4.2%	1,604,693	1,167,968	37.4%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	2,621	2,366	10.8%	0	0	0.0%	0	0	0.0%	16,988	21,974	-22.7%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	43	-1	22,756	25,082	-9.3%	0	0	0.0%	19	43	-55.8%	180,046	163,130	10.4%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	668	2,119	-68.5%	0	0	0.0%	0	0	0.0%	10,936	9,685	12.9%
MONT BELVIEU NORMAL BUTA	DO	0	0	0.0%	0	0	0	82,302	50,433	63.2%	0	0	0.0%	0	0	0.0%	471,794	366,257	28.8%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	696	769	-9.5%	0	0	0.0%	0	0	0.0%	8,057	10,749	-25.0%
NATURAL GAS	NWM	0	-	-	0	-	-	330	-	-	0	-	-	0	-	-	480	-	-

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Futures</b>																			
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	14,715	34,796	-57.7%	0	0	0.0%	0	0	0.0%	154,760	353,442	-56.2%
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%
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	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	1,265	825	53.3%	0	0	0.0%	0	0	0.0%	5,092	6,112	-16.7%
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	0.0%
NEW YORK HUB ZONE J PEAK	JN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%
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	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	5	0	0	1,585	1,311	20.9%	0	0	0.0%	171	31	451.6%	16,982	8,001	112.2%
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	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	750	1,075	-30.2%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	3,645	675	440.0%	0	0	0.0%	0	0	0.0%	26,836	14,645	83.2%
NYISO CAPACITY	LHV	-	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%
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%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	1,101	1,499	-26.6%	0	0	0.0%	0	0	0.0%	9,705	3,580	171.1%
PANHANDLE BASIS SWAP FUT	PH	-	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	143	66	116.7%	0	0	0.0%	0	0	0.0%	1,215	941	29.1%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	57	31	83.9%	0	0	0.0%	0	0	0.0%	553	280	97.5%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	8	0	0.0%	0	0	0.0%	0	0	0.0%	369	178	107.3%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	13	2	550.0%	0	0	0.0%	0	0	0.0%	13	15	-13.3%
PETROCHEMICALS	81	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	258	333	-22.5%	0	0	0.0%	0	0	0.0%	4,585	6,327	-27.5%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	330	55	500.0%	0	0	0.0%	0	0	0.0%	2,823	2,154	31.1%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	110	0	0.0%	0	0	0.0%	0	0	0.0%	1,020	420	142.9%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	1,486	640	132.2%	0	0	0.0%	0	0	0.0%	10,361	7,480	38.5%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	453	335	35.2%	0	0	0.0%	0	0	0.0%	3,278	2,750	19.2%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	110	0	0.0%	0	0	0.0%	0	0	0.0%	720	610	18.0%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	782	319	145.1%	0	0	0.0%	0	0	0.0%	3,688	1,583	133.0%
PETROCHEMICALS	PMF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	26	12	116.7%
PETRO CRCKS & SPRDS ASIA	STR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG
<b>Energy Futures</b>																		
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	0	16,510	-15.6%	0	0	0.0%	0	0	0.0%	82,506	122,476	-32.6%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	66	-53.5%	0	0	0.0%	0	0	0.0%	1,558	2,382	-34.6%
PETRO CRCKS & SPRDS NA	FOC	-	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	0	0	-100.0%	0	0	0.0%	0	0	0.0%	935	625	49.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	150	150.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	96	275	-65.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	795	1,350	-41.1%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	30	0.0%	0	0	0.0%	0	0	0.0%	1,330	577	130.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	80	60.0%	0	0	0.0%	0	0	0.0%	4,549	5,603	-18.8%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	450	-57.9%	0	0	0.0%	0	0	0.0%	9,119	16,896	-46.0%
PETRO CRCKS & SPRDS NA	SF3	0	-	-	0	-	0	-	-	0	-	-	0	-	-	12	-	-
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	265	1,785	-85.2%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	8	0.0%	0	0	0.0%	0	0	0.0%	103	121	-14.9%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	0	0.0%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	459	48.1%	0	0	0.0%	0	0	0.0%	2,915	2,495	16.8%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	787	-52.4%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
PETRO CRK&SPRD EURO	MGB	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-
PETRO CRK&SPRD EURO	NBB	-	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	94	13.3%	0	0	0.0%	0	0	0.0%	759	795	-4.5%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETROLEUM PRODUCTS	BEB	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0	0	3	0.0%	0	0	0.0%	0	0	0.0%	3	2	50.0%
PETROLEUM PRODUCTS	CMS	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	1,020	920	10.9%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,406	2,829	-50.3%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	400	225	77.8%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	100	-93.5%	0	0	0.0%	0	0	0.0%	7,970	9,404	-15.2%
PETROLEUM PRODUCTS	MPE	-	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%
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	0	7	-61.1%	0	0	0.0%	0	0	0.0%	106	279	-62.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG
<b>Energy Futures</b>																		
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%
PETROLEUM PRODUCTS	UCS	-	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%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	210	0	0.0%	0	0	0.0%	0	0	0.0%	210	1,148	-81.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	15	25	-40.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	140	185	-24.3%	0	0	0.0%	0	0	0.0%	2,794	6,326	-55.8%
PETRO OUTRIGHT EURO	0B	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	0C	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	7	28	-75.0%	0	0	0.0%	0	0	0.0%	168	173	-2.9%
PETRO OUTRIGHT EURO	0E	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
PETRO OUTRIGHT EURO	1T	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	5L	0	-	-	0	-	0	-	-	0	-	-	0	-	-	90	-	-
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	285	-73.7%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	7	6	16.7%	0	0	0.0%	0	0	0.0%	67	38	76.3%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	55	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	15	30	-50.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	327	115	184.3%	0	0	0.0%	0	0	0.0%	1,796	1,448	24.0%
PETRO OUTRIGHT EURO	EFM	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	ENS	-	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	65	69	-5.8%	0	0	0.0%	0	0	0.0%	2,133	739	188.6%
PETRO OUTRIGHT EURO	FLB	-	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%
PETRO OUTRIGHT EURO	JFB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	536	952	-43.7%	0	0	0.0%	0	0	0.0%	6,256	7,954	-21.3%
PETRO OUTRIGHT EURO	MBB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	920	176	422.7%	0	0	0.0%	0	0	0.0%	4,444	4,597	-3.3%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	2	79	-97.5%
PETRO OUTRIGHT EURO	MQA	0	0	0.0%	0	0	257	0	0.0%	0	0	0.0%	0	0	0.0%	1,342	138	872.5%
PETRO OUTRIGHT EURO	R53	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	R5B	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	654	1,242	-47.3%	0	0	0.0%	0	0	0.0%	8,029	12,618	-36.4%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	559	507	10.3%	0	0	0.0%	0	0	0.0%	4,107	7,580	-45.8%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	102	95	7.4%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG
<b>Energy Futures</b>																		
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	5	-80.0%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	310	119	160.5%	0	0	0.0%	0	0	0.0%	2,530	891	184.0%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	1,404	1,834	-23.4%	0	0	0.0%	0	0	0.0%	11,998	15,641	-23.3%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	602	2,560	-76.5%	0	0	0.0%	0	0	0.0%	5,075	22,460	-77.4%
PETRO OUTRIGHT EURO	SMU	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	SR5	0	0	0.0%	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	240	15	1,500.0%
PETRO OUTRIGHT EURO	TLB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	ULB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	150	-	-
PETRO OUTRIGHT EURO	V0	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	A8B	0	0	0.0%	0	0	275	560	-50.9%	0	0	0.0%	0	0	0.0%	1,130	1,780	-36.5%
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	365	740	-50.7%	0	0	0.0%	0	0	0.0%	2,640	2,795	-5.5%
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	1,860	1,260	47.6%	0	0	0.0%	0	0	0.0%	8,005	18,395	-56.5%
PETRO OUTRIGHT NA	FCB	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	675	325	107.7%	0	0	0.0%	0	0	0.0%	11,060	3,310	234.1%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	150	450	-66.7%	0	0	0.0%	0	0	0.0%	1,600	2,061	-22.4%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	217	695	-68.8%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	6	42	-85.7%	0	0	0.0%	0	0	0.0%	318	538	-40.9%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	35	255	-86.3%	0	0	0.0%	0	0	0.0%	932	1,699	-45.1%
PETRO OUTRIGHT NA	MFD	-	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	0	0.0%
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 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%
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	627	571	9.8%	0	0	0.0%	0	0	0.0%	5,717	7,172	-20.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	60	-75.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	2,447	1,170	109.1%	0	0	0.0%	0	0	0.0%	9,482	11,805	-19.7%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	24,905	12,103	105.8%	0	0	0.0%	0	0	0.0%	169,337	93,416	81.3%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	11,719	3,305	254.6%	0	0	0.0%	0	0	0.0%	55,578	39,178	41.9%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	685	330	107.6%	0	0	0.0%	0	0	0.0%	15,641	13,162	18.8%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Futures</b>																			
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	127	-100.0%	0	0	0.0%	0	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	531	794	-33.1%	0	0	0.0%	0	0	0.0%	7,579	11,180	-32.2%
RBOB PHY	MRB	0	0	0.0%	4	14	-0.71	0	0	0.0%	0	0	0.0%	23	25	-8.0%	0	0	0.0%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	0	180	-100.0%	0	0	0.0%	0	0	0.0%	30	555	-94.6%
SINGAPORE 180CST BALMO	BS	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	16	-	-
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	80	11	627.3%	0	0	0.0%	0	0	0.0%	1,023	1,279	-20.0%
SINGAPORE FUEL 180CST CAL	UA	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	0	-	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	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%	24	30	-20.0%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	5	375	-98.7%	0	0	0.0%	0	0	0.0%	236	3,628	-93.5%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	186	-100.0%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	91	320	-71.6%	0	0	0.0%	0	0	0.0%	2,629	2,303	14.2%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	332	-97.0%
SINGAPORE GASOIL CALEND A	MSG	0	0	0.0%	0	0	0	140	23	508.7%	0	0	0.0%	0	0	0.0%	416	1,151	-63.9%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	64	75	-14.7%	0	0	0.0%	0	0	0.0%	5,333	2,965	79.9%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,653	-100.0%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	252	0	0.0%	0	0	0.0%	0	0	0.0%	3,362	600	460.3%
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%	172	264	-34.8%
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%	0	195	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	0	0	0.0%	0	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	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	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	4,740	3,174	49.3%	0	0	0.0%	0	0	0.0%	47,080	47,429	-0.7%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	31,672	14,191	123.2%	0	0	0.0%	16	0	0.0%	209,116	204,859	2.1%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	48,966	38,293	27.9%	0	0	0.0%	0	0	0.0%	345,683	395,501	-12.6%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	61,398	31,385	95.6%	0	0	0.0%	0	0	0.0%	429,427	447,388	-4.0%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,900	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	1,425	315	352.4%	0	0	0.0%	0	0	0.0%	18,325	18,862	-2.8%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	660	0	0.0%	0	0	0.0%	0	0	0.0%	1,909	5,885	-67.6%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Options</b>																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	546	0	0.0%	0	0	0.0%	0	0	0.0%	1,614	3,086	-47.7%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	600	89,250	-99.3%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	0	175	-100.0%	0	0	0.0%	2	0	0.0%	28,194	90,337	-68.8%
BRENT OIL LAST DAY	BZO	0	0	0.0%	2,427	4,823	-0.5	5,250	6,122	-14.2%	0	0	0.0%	30,782	17,155	79.4%	43,800	122,787	-64.3%
COAL API2 INDEX	F2C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	280	390	-28.2%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
CRUDE OIL	6Y	-	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%	625	1,160	-0.46	90,125	30,600	194.5%	0	0	0.0%	3,625	30,711	-88.2%	349,225	461,045	-24.3%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	27,002	20,794	29.9%	0	0	0.0%	0	0	0.0%	190,328	151,039	26.0%
CRUDE OIL CALNDR STRIP	6F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	0	-	-	4,025	-	0	0	-	-	0	-	44,061	-	-	0	0	-	
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	16,962	17,480	-3.0%	0	0	0.0%	0	0	0.0%	197,200	272,838	-27.7%
CRUDE OIL PHY	LO	0	0	0.0%	1,680,209	1,580,998	0.06	387,692	705,776	-45.1%	0	0	0.0%	12,670,924	14,195,373	-10.7%	3,596,574	3,645,116	-1.3%
CRUDE OIL PHY	LO1	0	0	0.0%	57,397	10,689	4.37	3,500	0	0.0%	0	0	0.0%	313,991	206,843	51.8%	18,420	975	1,789.2%
CRUDE OIL PHY	LO2	0	0	0.0%	50,528	24,152	1.09	400	0	0.0%	0	0	0.0%	309,416	153,665	101.4%	14,000	525	2,566.7%
CRUDE OIL PHY	LO3	0	0	0.0%	43,020	61	704.25	250	0	0.0%	0	0	0.0%	225,544	114,621	96.8%	9,635	350	2,652.9%
CRUDE OIL PHY	LO4	0	0	0.0%	41,859	33,521	0.25	1,600	0	0.0%	0	0	0.0%	295,317	219,561	34.5%	9,250	830	1,014.5%
CRUDE OIL PHY	LO5	0	0	0.0%	0	23,465	-1	0	2,800	-100.0%	0	0	0.0%	115,655	41,205	180.7%	10,250	2,950	247.5%
CRUDE OIL PHY	MCO	0	0	0.0%	12,782	6,569	0.95	0	0	0.0%	0	0	0.0%	110,948	8,835	1,155.8%	0	0	0.0%
CRUDE OIL PHY	ML1	0	-	-	2	-	0	-	-	-	0	-	2	-	-	0	-	-	
CRUDE OIL PHY	MW1	0	0	0.0%	1,513	467	2.24	0	0	0.0%	0	0	0.0%	10,529	673	1,464.5%	0	0	0.0%
CRUDE OIL PHY	MW2	0	0	0.0%	1,874	999	0.88	0	0	0.0%	0	0	0.0%	11,746	1,192	885.4%	0	0	0.0%
CRUDE OIL PHY	MW3	0	0	0.0%	1,140	0	0	0	0	0.0%	0	0	0.0%	10,158	158	6,329.1%	0	0	0.0%
CRUDE OIL PHY	MW4	0	0	0.0%	1,178	2,650	-0.56	0	0	0.0%	0	0	0.0%	16,223	3,014	438.3%	0	0	0.0%
CRUDE OIL PHY	MW5	0	0	0.0%	0	1,537	-1	0	0	0.0%	0	0	0.0%	4,649	1,537	202.5%	0	0	0.0%
CRUDE OIL PHY	WL2	0	-	-	1	-	0	-	-	-	0	-	1	-	-	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	0.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	1,087	2,474	-56.1%	0	0	0.0%	0	0	0.0%	15,564	24,387	-36.2%
ETHANOL SWAP	GVR	-	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	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	750	-100.0%
HEATING OIL PHY	FZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	0	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	0.0%	106	382	-72.3%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Options</b>																			
HEATING OIL PHY	OH	0	0	0.0%	660	1,468	-0.55	4,450	5,822	-23.6%	0	0	0.0%	6,657	17,496	-62.0%	66,213	61,566	7.5%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	20	-1	15,981	3,491	357.8%	0	0	0.0%	180	106	69.8%	97,224	36,866	163.7%
HENRY HUB FINANCIAL LAST	ECNG	0	-	-	854	-	0	-	-	0	-	-	16,989	-	-	0	-	-	
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	9,600	1,300	638.5%	0	0	0.0%	0	0	0.0%	21,650	4,625	368.1%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,000	900	233.3%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	0	0	0.0%	284	0	0	0	0	0.0%	0	0	0.0%	302	350	-13.7%	100	0	0.0%
NATURAL GAS	LN2	0	0	0.0%	242	9	25.89	0	0	0.0%	0	0	0.0%	244	648	-62.3%	100	50	100.0%
NATURAL GAS	LN3	0	0	0.0%	298	5	58.6	0	0	0.0%	0	0	0.0%	315	1,062	-70.3%	500	0	0.0%
NATURAL GAS	LN4	0	0	0.0%	1,161	0	0	0	0	0.0%	0	0	0.0%	1,163	1,516	-23.3%	0	0	0.0%
NATURAL GAS	LN5	0	0	0.0%	0	3	-1	0	0	0.0%	0	0	0.0%	14	5	180.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	1,200	300	3	110,700	85,600	29.3%	0	0	0.0%	25,057	5,200	381.9%	563,800	673,442	-16.3%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	1,000	350	185.7%	0	0	0.0%	0	0	0.0%	1,250	14,100	-91.1%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	2,500	400	5.25	19,310	44,700	-56.8%	0	0	0.0%	76,940	800	9,517.5%	463,110	260,300	77.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8,650	46,250	-81.3%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	0	4,000	-100.0%	0	0	0.0%	0	0	0.0%	65,250	80,900	-19.3%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	5,400	-100.0%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	700	-100.0%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	600	-100.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	0	0	150	3,530	-95.8%	0	0	0.0%	0	0	0.0%	2,250	10,330	-78.2%
NATURAL GAS PHY	LN	0	0	0.0%	1,415,262	816,403	0.73	841,308	1,012,634	-16.9%	0	0	0.0%	9,339,703	6,765,046	38.1%	8,436,701	8,228,478	2.5%
NATURAL GAS PHY	ON	0	0	0.0%	95,695	68,630	0.39	3,495	8,978	-61.1%	0	0	0.0%	593,872	618,195	-3.9%	18,170	48,800	-62.8%
NATURAL GAS PHY	ON3	0	-	-	0	-	0	-	-	0	-	-	1	-	-	0	-	-	
NATURAL GAS SUMMER STRIP	4D	-	0	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%	98	211	-0.54	4,258	855	398.0%	0	0	0.0%	718	950	-24.4%	24,537	12,982	89.0%
PETROCHEMICALS	4H	0	0	0.0%	6	0	0	0	0	0.0%	0	0	0.0%	21	11	90.9%	382	3,152	-87.9%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	-	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%
PETRO OUTRIGHT EURO	BCO	-	0	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	0	0	0.0%	0	0	0.0%	0	0	0.0%	90	375	-76.0%
PJM WES HUB PEAK CAL MTH	60A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Energy Options</b>																			
PJM WES HUB PEAK LMP 50MW	PMA	-	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	0.0%	0	0	0	0	1,000	-100.0%	0	0	0.0%	0	0	0.0%	0	2,550	-100.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	0	445	-100.0%	0	0	0.0%	0	0	0.0%	0	3,397	-100.0%
RBOB PHY	OB	0	0	0.0%	540	938	-0.42	3,725	2,120	75.7%	0	0	0.0%	4,019	7,516	-46.5%	19,530	17,675	10.5%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	45	1,260	-96.4%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	550	-100.0%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	700	100	600.0%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	500	-80.0%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
SHORT TERM	U23	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	50	-	-
SHORT TERM	U24	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	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
SHORT TERM	U26	0	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	U01	0	0	0.0%	0	0	0	350	0	0.0%	0	0	0.0%	0	0	0.0%	500	250	100.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,150	0	0.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	400	-25.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,000	500	100.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	550	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	0	925	-100.0%
SHORT TERM NATURAL GAS	U08	0	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	U09	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	U10	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	200	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	550	-45.5%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	0	950	-100.0%
SHORT TERM NATURAL GAS	U27	-	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	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG
<b>Energy Options</b>																		
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	100	50.0%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,700	200	750.0%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	0	3,615	-1	8,550	63,075	-86.4%	0	0	0.0%	4,050	7,970	-49.2%	98,050	270,750	-63.8%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	0	0	28,475	24,300	17.2%	0	0	0.0%	1,600	271	490.4%	459,360	417,629	10.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	0	0.0%	5,077,197	5,247,565	-0.03	68,995	153,316	-55.0%	0	0	0.0%	34,487,275	32,786,930	5.2%	637,938	833,859	-23.5%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	8,416	3,854	1.18	16,848	11,126	51.4%	0	0	0.0%	64,587	33,140	94.9%	136,258	125,006	9.0%
NYMEX PLATINUM	PL	0	0	0.0%	352,944	303,383	0.16	5,090	8,901	-42.8%	0	0	0.0%	3,123,811	2,786,045	12.1%	93,557	69,167	35.3%
PALLADIUM	PA	0	0	0.0%	46,253	31,966	0.45	2,047	835	145.1%	0	0	0.0%	411,015	309,158	32.9%	12,879	12,505	3.0%
URANIUM	UX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	24	-100.0%	0	0	0.0%
COMEX SILVER	SI	0	0	0.0%	1,165,382	1,184,290	-0.02	24,572	21,963	11.9%	0	0	0.0%	10,303,233	9,655,036	6.7%	179,603	172,513	4.1%
COMEX E-Mini GOLD	QO	0	0	0.0%	25,057	27,969	-0.1	0	0	0.0%	0	0	0.0%	259,617	215,600	20.4%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	3,783	3,132	0.21	0	0	0.0%	0	0	0.0%	42,210	27,229	55.0%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,745,564	1,646,696	0.06	18,061	12,402	45.6%	0	0	0.0%	14,916,998	11,947,871	24.9%	141,148	131,124	7.6%
COMEX MINY COPPER	QC	0	0	0.0%	3,966	3,019	0.31	0	0	0.0%	0	0	0.0%	40,834	25,306	61.4%	0	0	0.0%
ALUMINUM	A38	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ALUMINUM	AEP	0	0	0.0%	6	0	0	2,590	2,436	6.3%	0	0	0.0%	26	15	73.3%	16,182	12,015	34.7%
ALUMINUM	ALA	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	240	1,745	-86.2%
ALUMINUM	ALI	0	0	0.0%	79,885	53,141	0.5	120	34	252.9%	0	0	0.0%	527,814	171,203	208.3%	1,296	34	3,711.8%
ALUMINUM	AUP	0	0	0.0%	196	141	0.39	5,068	7,429	-31.8%	0	0	0.0%	1,504	2,449	-38.6%	42,733	41,156	3.8%
ALUMINUM	EDP	0	0	0.0%	13	0	0	6,767	10,107	-33.0%	0	0	0.0%	104	59	76.3%	31,381	31,866	-1.5%
ALUMINUM	MJP	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	760	2,440	-68.9%
COBALT METAL FUTURES	COB	0	0	0.0%	1	2	-0.5	2,817	1,138	147.5%	0	0	0.0%	329	13	2,430.8%	19,657	6,426	205.9%
COBALT METAL FUTURES	MOX	0	-	-	0	-	0	20	-	-	0	-	0	-	-	-	776	-	-
COPPER	HGS	0	0	0.0%	0	0	0	994	132	653.0%	0	0	0.0%	394	0	0.0%	11,332	12,472	-9.1%
COPPER	MHG	0	0	0.0%	90,453	76,805	0.18	0	0	0.0%	0	0	0.0%	759,302	207,136	266.6%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	93	79	0.18	655	2,430	-73.0%	0	0	0.0%	2,210	3,080	-28.2%	4,897	15,336	-68.1%
FERROUS PRODUCTS	FSF	0	-	-	9	-	0	0	-	-	0	-	130	-	-	-	12	-	-
GOLD	4GC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	SGC	0	0	0.0%	18	579	-0.97	0	0	0.0%	0	0	0.0%	1,883	5,831	-67.7%	0	0	0.0%
GOLD	SGU	0	0	0.0%	33	580	-0.94	0	0	0.0%	0	0	0.0%	2,008	46,735	-95.7%	0	542	-100.0%
HOT ROLLED COIL STEEL FUTL	EHR	0	0	0.0%	940	403	1.33	3,144	3,305	-4.9%	0	0	0.0%	10,933	4,286	155.1%	26,446	14,125	87.2%
IRON ORE CHINA	TIO	0	0	0.0%	0	0	0	61	1,448	-95.8%	0	0	0.0%	0	0	0.0%	1,636	9,460	-82.7%
METALS	HDG	0	0	0.0%	0	0	0	0	96	-100.0%	0	0	0.0%	131	51	156.9%	1,300	396	228.3%
METALS	LTC	0	-	-	0	-	0	8	-	-	0	-	0	-	-	-	8	-	-
METALS	LTH	0	0	0.0%	0	0	0	1,745	0	0.0%	0	0	0.0%	8	0	0.0%	4,070	0	0.0%
METALS	PAC	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	0	0	0.0%	1,263,220	881,738	0.43	0	0	0.0%	0	0	0.0%	10,423,601	7,768,603	34.2%	0	0	0.0%
SILVER	SIL	0	0	0.0%	208,685	122,752	0.7	0	0	0.0%	0	0	0.0%	1,549,202	1,134,190	36.6%	0	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Metals Options</b>																			
ALUMINUM	ALO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ALUMINUM	AX	0	-	-	1,020	-	300	-	-	0	-	-	5,549	-	-	2,375	-	-	
COMEX COPPER	HX	0	0	0.0%	98,438	56,020	0.76	21,008	32,622	-35.6%	0	0	0.0%	688,433	404,507	70.2%	242,508	145,591	66.6%
COMEX GOLD	ECGC	0	-	-	3,966	-	0	-	-	0	-	-	45,099	-	-	0	-	-	
COMEX GOLD	OG	0	0	0.0%	663,484	709,604	-0.06	59,748	107,623	-44.5%	0	0	0.0%	6,175,025	5,345,702	15.5%	768,587	850,946	-9.7%
COMEX SILVER	ECSI	0	-	-	3,919	-	0	-	-	0	-	-	31,824	-	-	0	-	-	
COMEX SILVER	SO	0	0	0.0%	127,337	82,024	0.55	16,486	6,005	174.5%	0	0	0.0%	1,005,754	696,538	44.4%	105,506	54,678	93.0%
COPPER	ECHG	0	-	-	1,030	-	0	-	-	0	-	-	24,566	-	-	0	-	-	
COPPER	H1E	0	0	0.0%	456	120	2.8	660	0	0.0%	0	0	0.0%	5,040	958	426.1%	660	0	0.0%
COPPER	H1M	0	0	0.0%	87	108	-0.19	0	0	0.0%	0	0	0.0%	1,399	277	405.1%	0	0	0.0%
COPPER	H1W	0	0	0.0%	810	235	2.45	0	0	0.0%	0	0	0.0%	2,474	594	316.5%	500	0	0.0%
COPPER	H2E	0	0	0.0%	400	577	-0.31	0	0	0.0%	0	0	0.0%	5,505	1,723	219.5%	0	0	0.0%
COPPER	H2M	0	0	0.0%	374	149	1.51	0	0	0.0%	0	0	0.0%	2,740	371	638.5%	0	0	0.0%
COPPER	H2W	0	0	0.0%	276	125	1.21	0	0	0.0%	0	0	0.0%	2,883	229	1,159.0%	0	0	0.0%
COPPER	H3E	0	0	0.0%	370	335	0.1	300	800	-62.5%	0	0	0.0%	4,091	887	361.2%	1,150	800	43.8%
COPPER	H3M	0	0	0.0%	295	382	-0.23	300	0	0.0%	0	0	0.0%	1,334	524	154.6%	300	0	0.0%
COPPER	H3W	0	0	0.0%	386	95	3.06	300	0	0.0%	0	0	0.0%	2,019	175	1,053.7%	500	0	0.0%
COPPER	H4E	0	0	0.0%	563	1,274	-0.56	0	0	0.0%	0	0	0.0%	2,677	1,722	55.5%	300	0	0.0%
COPPER	H4M	0	0	0.0%	140	118	0.19	0	0	0.0%	0	0	0.0%	1,593	171	831.6%	0	0	0.0%
COPPER	H4W	0	0	0.0%	120	57	1.11	0	0	0.0%	0	0	0.0%	1,160	205	465.9%	0	0	0.0%
COPPER	H5E	0	0	0.0%	0	147	-1	0	300	-100.0%	0	0	0.0%	627	179	250.3%	0	300	-100.0%
COPPER	H5M	0	-	-	429	-	0	-	-	0	-	-	620	-	-	0	-	-	
COPPER	H5W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	591	177	233.9%	0	0	0.0%
GOLD	G1M	0	0	0.0%	3,409	5,351	-0.36	0	0	0.0%	0	0	0.0%	66,999	9,636	595.3%	5,005	0	0.0%
GOLD	G1W	0	0	0.0%	13,841	7,858	0.76	1,750	0	0.0%	0	0	0.0%	73,078	14,209	414.3%	3,895	200	1,847.5%
GOLD	G2M	0	0	0.0%	9,912	3,633	1.73	250	1,000	-75.0%	0	0	0.0%	71,804	14,426	397.7%	6,505	1,250	420.4%
GOLD	G2W	0	0	0.0%	16,031	4,995	2.21	1,415	200	607.5%	0	0	0.0%	74,924	10,870	589.3%	5,837	500	1,067.4%
GOLD	G3M	0	0	0.0%	6,409	3,978	0.61	0	0	0.0%	0	0	0.0%	47,091	6,534	620.7%	2,567	0	0.0%
GOLD	G3W	0	0	0.0%	8,332	7,619	0.09	880	25	3,420.0%	0	0	0.0%	72,919	17,080	326.9%	5,028	925	443.6%
GOLD	G4M	0	0	0.0%	4,721	3,317	0.42	1,241	0	0.0%	0	0	0.0%	49,379	6,056	715.4%	3,436	0	0.0%
GOLD	G4W	0	0	0.0%	546	6,352	-0.91	150	100	50.0%	0	0	0.0%	48,569	11,160	335.2%	3,885	100	3,785.0%
GOLD	G5M	0	-	-	5,865	-	776	-	-	0	-	-	13,540	-	-	1,026	-	-	
GOLD	G5W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	16,014	7,191	122.7%	2,238	750	198.4%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>Metals Options</b>																			
GOLD	OG1	0	0	0.0%	35,238	19,253	0.83	489	550	-11.1%	0	0	0.0%	314,556	321,597	-2.2%	9,609	13,740	-30.1%
GOLD	OG2	0	0	0.0%	45,740	39,205	0.17	375	568	-34.0%	0	0	0.0%	367,900	335,286	9.7%	10,681	11,998	-11.0%
GOLD	OG3	0	0	0.0%	29,378	36,625	-0.2	885	1,000	-11.5%	0	0	0.0%	356,688	342,599	4.1%	8,985	12,561	-28.5%
GOLD	OG4	0	0	0.0%	35,421	32,103	0.1	2,125	0	0.0%	0	0	0.0%	230,668	287,306	-19.7%	6,210	5,515	12.6%
GOLD	OG5	0	0	0.0%	0	38,906	-1	0	210	-100.0%	0	0	0.0%	73,334	77,341	-5.2%	1,150	860	33.7%
IRON ORE CHINA	ICT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	8	0	0	1,930	1,460	32.2%	0	0	0.0%	18	0	0.0%	15,915	11,450	39.0%
NYMEX PLATINUM	PO	0	0	0.0%	5,044	242	19.84	9,970	2,140	365.9%	0	0	0.0%	29,414	3,802	673.6%	89,000	36,585	143.3%
PALLADIUM	PAO	0	0	0.0%	182	7	25	255	0	0.0%	0	0	0.0%	3,666	111	3,202.7%	2,810	0	0.0%
SILVER	M1S	0	0	0.0%	681	401	0.7	100	0	0.0%	0	0	0.0%	8,156	668	1,121.0%	1,415	0	0.0%
SILVER	M2S	0	0	0.0%	1,385	423	2.27	165	0	0.0%	0	0	0.0%	10,550	1,154	814.2%	1,435	0	0.0%
SILVER	M3S	0	0	0.0%	930	208	3.47	462	0	0.0%	0	0	0.0%	4,913	567	766.5%	462	0	0.0%
SILVER	M4S	0	0	0.0%	577	208	1.77	339	0	0.0%	0	0	0.0%	5,434	505	976.0%	514	0	0.0%
SILVER	M5S	0	-	-	1,457	-	225	-	-	-	0	-	-	2,064	-	-	225	-	-
SILVER	SO1	0	0	0.0%	5,170	2,558	1.02	0	0	0.0%	0	0	0.0%	50,544	30,345	66.6%	110	1,725	-93.6%
SILVER	SO2	0	0	0.0%	8,370	2,350	2.56	100	0	0.0%	0	0	0.0%	56,888	34,524	64.8%	550	2,755	-80.0%
SILVER	SO3	0	0	0.0%	5,179	2,549	1.03	550	0	0.0%	0	0	0.0%	43,861	25,628	71.1%	2,295	985	133.0%
SILVER	SO4	0	0	0.0%	7,285	2,547	1.86	150	0	0.0%	0	0	0.0%	29,366	21,931	33.9%	550	590	-6.8%
SILVER	SO5	0	0	0.0%	0	3,186	-1	0	0	0.0%	0	0	0.0%	12,063	5,475	120.3%	150	0	0.0%
SILVER	W1S	0	0	0.0%	2,441	403	5.06	1,253	0	0.0%	0	0	0.0%	10,865	935	1,062.0%	2,948	0	0.0%
SILVER	W2S	0	0	0.0%	1,675	320	4.23	205	0	0.0%	0	0	0.0%	10,021	702	1,327.5%	841	0	0.0%
SILVER	W3S	0	0	0.0%	1,164	178	5.54	103	0	0.0%	0	0	0.0%	9,633	576	1,572.4%	856	200	328.0%
SILVER	W4S	0	0	0.0%	45	158	-0.72	100	0	0.0%	0	0	0.0%	5,052	448	1,027.7%	370	0	0.0%
SILVER	W5S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	1,674	322	419.9%	290	0	0.0%
<b>TOTAL FUTURES GROUP</b>																			
Ag Products Futures		-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Energy Futures		0	0	0.0%	32,359,112	32,281,375	0.2%	1,951,539	1,513,269	29.0%	0	0	0.0%	244,451,255	262,591,742	-6.9%	15,105,030	13,967,335	8.1%
Metals Futures		0	0	0.0%	10,072,114	9,588,094	5.0%	159,602	237,438	-32.8%	0	0	0.0%	76,929,159	67,129,990	14.6%	1,364,609	1,493,487	-8.6%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>42,431,226</b>	<b>41,869,469</b>	<b>1.3%</b>	<b>2,111,141</b>	<b>1,750,707</b>	<b>20.6%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>321,380,414</b>	<b>329,721,732</b>	<b>-2.5%</b>	<b>16,469,639</b>	<b>15,460,822</b>	<b>6.5%</b>

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### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	CME ClearPort JUL 2023	CME ClearPort JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG	CME ClearPort Y.T.D 2023	CME ClearPort Y.T.D 2022	% CHG	
<b>TOTAL OPTIONS GROUP</b>																			
Energy Options	0	0	0.0%	3,417,380	2,583,093	32.3%	1,585,866	2,049,381	-22.6%	0	0	0.0%	24,245,418	22,421,685	8.1%	14,845,152	15,079,269	-1.6%	
Metals Options	0	0	0.0%	1,160,336	1,076,303	7.8%	125,345	154,603	-18.9%	0	0	0.0%	10,182,648	8,043,923	26.6%	1,319,179	1,155,004	14.2%	
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>4,577,716</b>	<b>3,659,396</b>	<b>25.1%</b>	<b>1,711,211</b>	<b>2,203,984</b>	<b>-22.4%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>34,428,066</b>	<b>30,465,608</b>	<b>13.0%</b>	<b>16,164,331</b>	<b>16,234,273</b>	<b>-0.4%</b>	
<b>TOTAL COMBINED</b>																			
Ag Products	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
Energy	0	0	0.0%	35,776,492	34,864,468	2.6%	3,537,405	3,562,650	-0.7%	0	0	0.0%	268,696,673	285,013,427	-5.7%	29,950,182	29,046,604	3.1%	
Metals	0	0	0.0%	11,232,450	10,664,397	5.3%	284,947	392,041	-27.3%	0	0	0.0%	87,111,807	75,173,913	15.9%	2,683,788	2,648,491	1.3%	
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>47,008,942</b>	<b>45,528,865</b>	<b>3.3%</b>	<b>3,822,352</b>	<b>3,954,691</b>	<b>-3.3%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>355,808,480</b>	<b>360,187,340</b>	<b>-1.2%</b>	<b>32,633,970</b>	<b>31,695,095</b>	<b>3.0%</b>	

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