

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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%	13,344,965	14,502,726	-0.08	346,748	307,003	12.9%	0	0	0.0%	199,792,066	201,701,217	-0.9%	4,681,296	4,296,613	9.0%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%
MINY WTI CRUDE OIL	QM	0	0	0.0%	217,725	386,580	-0.44	0	0	0.0%	0	0	0.0%	3,637,556	6,940,633	-47.6%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,061,665	1,117,574	-0.05	21,360	24,577	-13.1%	0	0	0.0%	14,781,960	17,052,115	-13.3%	263,415	306,885	-14.2%
HEATING OIL PHY	HO	0	0	0.0%	2,566,119	2,833,396	-0.09	106,951	91,232	17.2%	0	0	0.0%	37,865,613	38,400,032	-1.4%	1,432,131	1,268,750	12.9%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	96	108	-11.1%
MINY HTG OIL	QH	0	0	0.0%	7	8	-0.13	0	0	0.0%	0	0	0.0%	128	107	19.6%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	2,742,138	2,685,903	0.02	118,518	113,510	4.4%	0	0	0.0%	40,734,929	39,277,269	3.7%	2,066,077	1,761,861	17.3%
MINY RBOB GAS	QU	0	0	0.0%	7	6	0.17	0	0	0.0%	0	0	0.0%	104	101	3.0%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	66,817	43,829	0.52	128,482	98,842	30.0%	0	0	0.0%	777,140	508,979	52.7%	1,642,942	1,479,461	11.1%
LTD NAT GAS	HH	0	0	0.0%	325,302	295,471	0.1	133,707	192,730	-30.6%	0	0	0.0%	3,158,995	2,941,301	7.4%	1,302,739	1,447,773	-10.0%
MINY NATURAL GAS	QG	0	0	0.0%	164,801	381,570	-0.57	0	0	0.0%	0	0	0.0%	2,579,163	3,792,547	-32.0%	0	288	-100.0%
NATURAL GAS PHY	NG	0	0	0.0%	9,662,717	7,154,003	0.35	236,821	188,631	25.5%	0	0	0.0%	99,829,545	84,170,185	18.6%	2,279,656	1,705,355	33.7%
RBOB GAS	RT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	72	72	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	4,140	1,950	112.3%	0	0	0.0%	0	0	0.0%	42,140	65,140	-35.3%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	5,958	6,897	-13.6%	0	0	0.0%	0	0	0.0%	109,982	73,213	50.2%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,636	1,924	-15.0%	0	0	0.0%	0	0	0.0%	33,510	24,334	37.7%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	85	1,587	-94.6%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	423	10,020	-95.8%	0	0	0.0%	0	0	0.0%	100,530	163,945	-38.7%
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%	360	490	-26.5%
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%	8,736	1,593	4.48	1,463	1,306	12.0%	0	0	0.0%	80,590	22,054	265.4%	38,203	21,027	81.7%
CAR VINTAGE	NGO	0	0	0.0%	7,270	3,655	0.99	3,169	10,175	-68.9%	0	0	0.0%	46,180	49,322	-6.4%	37,198	93,669	-60.3%
CEU ENERGY	TFU	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	330	-	-

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<b>Energy Futures</b>																			
CEU ENERGY	TTG	0	-	-	4,897	-	0	-	-	0	-	-	12,766	-	-	0	-	-	
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	269	10	75,599	44,204	71.0%	0	0	0.0%	2,008	1,786	12.4%	928,741	695,440	33.5%	
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	990	330	200.0%	0	0	0.0%	0	0	0.0%	11,436	7,453	53.4%	
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	400	0	0.0%	
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	334	131	155.0%	0	0	0.0%	0	0	0.0%	1,167	3,107	-62.4%	
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	295	521	-43.4%	0	0	0.0%	0	0	0.0%	5,501	4,633	18.7%	
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	10,906	27,578	-60.5%	0	0	0.0%	0	80	-100.0%	210,043	208,358	0.8%	
CRUDE OIL	LPS	-	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	2,247	4,098	-45.2%	0	0	0.0%	0	0	0.0%	6,500	8,817	-26.3%	
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	757	603	25.5%	0	0	0.0%	0	0	0.0%	6,575	10,161	-35.3%	
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,988	-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	1,320	-100.0%	
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	105	-100.0%	
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	1,065	127	147,376	75,855	94.3%	0	0	0.0%	5,149	736	599.6%	1,691,084	888,482	90.3%	
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	4,347	-97.7%	
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	17,420	-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%	
CRUDE OIL PHY	HCL	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL PHY	MCL	0	0	0.0%	1,937,738	1,838,937	0	0	0.0%	0	0	0.0%	24,227,359	30,080,874	-19.5%	0	0	0.0%	
CRUDE OIL SPRDS	ANT	0	0	0.0%	0	0	70	0	0.0%	0	0	0.0%	0	0	0.0%	7,940	8,466	-6.2%	
CRUDE OIL SPRDS	BKT	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	3,255	-100.0%	
CRUDE OIL SPRDS	WTT	0	0	0.0%	736	109	41,973	46,119	-9.0%	0	0	0.0%	3,872	288	1,244.4%	716,018	617,692	15.9%	
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%	
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%	
DAILY PJM	PEO	-	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%	
DAILY PJM	PWP	-	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%	
DAILY PJM	ZGO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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<b>Energy Futures</b>																			
DAILY PJM	ZJO	-	0	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	0.0%	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%	0	5	-100.0%
DOMINION TRANSMISSION INC	PG	-	0	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	300	0	0.0%	0	0	0.0%	0	0	0.0%	4,100	2,000	105.0%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	23,049	0	0	2,027	0	0.0%	0	0	0.0%	290,641	10,828	2,584.2%	21,114	3,779	458.7%
EAST/WEST FUEL OIL SPREAD	EW	-	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	18	292	-93.8%	0	0	0.0%	0	12	-100.0%	1,852	2,291	-19.2%
ELEC FINSETTLED	47	-	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%
EMMISSIONS	CGO	0	0	0.0%	1,110	1,144	-0.03	0	0	0.0%	0	0	0.0%	27,156	23,572	15.2%	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%	0	10	-100.0%
ETHANOL	Z1B	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	36	-	-
ETHANOL SWAP	MT2	0	0	0.0%	0	0	0	80	230	-65.2%	0	0	0.0%	0	0	0.0%	3,100	2,350	31.9%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	1,631	2,915	-44.0%	0	0	0.0%	0	0	0.0%	48,707	41,448	17.5%
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	0.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
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%	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	0.0%
EUROPE 3.5% FUEL OIL MED	UI	-	0	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	51	3	1,600.0%	0	0	0.0%	0	0	0.0%	421	563	-25.2%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	91	6	14.17	444	0	0.0%	0	0	0.0%	465	2,562	-81.9%	444	11,036	-96.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	0	4	-100.0%	0	0	0.0%	0	0	0.0%	127	215	-40.9%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	2,689	615	337.2%	0	0	0.0%	0	0	0.0%	38,464	22,315	72.4%
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	0	0.0%
EUROPE JET KERO NWE CALS	UJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	380	767	-50.5%	0	0	0.0%	0	0	0.0%	10,351	7,471	38.5%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	812	1,456	-44.2%	0	0	0.0%	0	0	0.0%	22,966	21,074	9.0%
FREIGHT MARKETS	BF2	-	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	720	0	0.0%	0	0	0.0%	0	0	0.0%	2,992	1,377	117.3%
FREIGHT MARKETS	CS3	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	CS4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70	480	-85.4%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	51	0	0.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	24	7	242.9%	0	0	0.0%	0	0	0.0%	78	303	-74.3%

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<b>Energy Futures</b>																			
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	36	-100.0%	
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	785	-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%	
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%	
FREIGHT MARKETS	USE	-	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	294	0.0%	0	0	0.0%	0	0	0.0%	294	1,204	-75.6%	
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%	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%	
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	258	303.1%	0	0	0.0%	0	0	0.0%	3,537	2,193	61.3%	
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	882	6.4%	0	0	0.0%	0	0	0.0%	23,493	26,841	-12.5%	
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	-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	10	-100.0%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	76	-98.7%	
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%	
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	6	0.0%	0	0	0.0%	0	0	0.0%	84	1,013	-91.7%	
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	75	0.0%	0	0	0.0%	0	0	0.0%	780	10,971	-92.9%	
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	146	40	265.0%	0	0	0.0%	0	0.0%	2,432	3,217	-24.4%	
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%	
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	4,750	38.7%	0	0	0.0%	0	0	0.0%	49,865	52,663	-5.3%	
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	4,335	7.7%	0	0	0.0%	0	0	0.0%	33,618	36,512	-7.9%	
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	0	977	-100.0%	
GULF COAST JET FUEL CLNDR	GE	-	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	5,374	8.4%	0	0	0.0%	0	0	0.0%	107,273	105,829	1.4%	
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	3,126	17.8%	0	0	0.0%	0	0	0.0%	41,419	52,417	-21.0%	
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	8,990	-29.9%	0	0	0.0%	0	0	0.0%	168,209	107,174	56.9%	
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	100	-66.9%	0	0	0.0%	0	0	0.0%	2,069	2,309	-10.4%	
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%	
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	3,142	1,675.1%	0	0	0.0%	0	0	0.0%	4,941	3,687	34.0%	
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0	0	0	0.0%	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%	
HEATING OIL PHY	MHO	0	0	0.0%	0	1	-1	0	0.0%	0	0	0.0%	20	103	-80.6%	0	0	0.0%	
HENRY HUB SWAP	NN	0	0	0.0%	0	4	-1	19,719	-45.3%	0	0	0.0%	176	1,856	-90.5%	351,070	329,410	6.6%	
HOUSTON SHIP CHANNEL BASI	NH	-	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 DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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 BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	415	2,413	-82.8%
ICE GASOIL BALMO SWAP	U9	-	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%	
INDIANA MISO	PTD	-	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%	
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	428	-97.7%	
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	62	126	-50.8%	0	0	0.0%	0	0	0.0%	2,124	1,336	59.0%	
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	35	14	150.0%	
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	12	90	-86.7%	0	0	0.0%	0	0	0.0%	234	1,615	-85.5%	
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	525	1,305	-59.8%	0	0	0.0%	0	0	0.0%	11,209	16,671	-32.8%	
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,609	-100.0%	
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	110	75	46.7%	0	0	0.0%	0	0	0.0%	2,893	2,409	20.1%	
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	225	0	0.0%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	290	750	-61.3%	0	0	0.0%	0	0	0.0%	5,695	4,150	37.2%	
LLS (ARGUS) CALENDAR SWAP	XA	-	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	160	-100.0%	0	0	0.0%	0	0	0.0%	590	253	133.2%	
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,685	-100.0%	
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	10,260	10,657	-3.7%	0	0	0.0%	0	0	0.0%	172,810	178,876	-3.4%	
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	30	230	135	877	-84.6%	0	0	0.0%	3,284	7,079	-53.6%	7,688	49,810	-84.6%	
MCCLOSKEY RCH BAY COAL	MTF	0	0	0.0%	0	0	0	20	-100.0%	0	0	0.0%	0	140	-100.0%	54	4,031	-98.7%	
MGN1 SWAP FUT	MGN	-	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	0	0.0%	0	0	0.0%	0	0	0.0%	130	263	-50.6%	
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%	310	50	520.0%	
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	71	398	-82.2%	0	0	0.0%	0	0	0.0%	1,488	3,762	-60.4%	
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%	
MNC FUT	MNC	0	0	0.0%	0	0	237	1,400	-83.1%	0	0	0.0%	0	0	0.0%	10,185	19,955	-49.0%	
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	31,202	28,233	10.5%	0	0	0.0%	0	310	-100.0%	381,092	428,346	-11.0%	
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	505	755	-33.1%	0	0	0.0%	0	0	0.0%	7,835	10,832	-27.7%	
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	29	86	-0.66	159,926	221,651	-27.8%	0	0	0.0%	367	715	-48.7%	2,645,935	2,119,509	24.8%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	2,108	3,311	-36.3%	0	0	0.0%	0	0	0.0%	25,479	32,760	-22.2%	
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	26	-1	9,606	30,703	-68.7%	0	0	0.0%	19	300	-93.7%	271,171	297,473	-8.8%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	444	1,755	-74.7%	0	0	0.0%	0	0	0.0%	14,021	20,536	-31.7%	
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	10	-1	62,180	53,094	17.1%	0	0	0.0%	30	10	200.0%	817,077	658,988	24.0%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	1,552	1,698	-8.6%	0	0	0.0%	0	0	0.0%	13,801	18,432	-25.1%	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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	NWM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	480	305	57.4%	
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	30,678	34,092	-10.0%	0	0	0.0%	0	4	-100.0%	290,717	512,646	-43.3%	
NATURAL GAS PHY	MNG	0	-	-	65,949	-	0	-	-	0	-	-	173,288	-	-	0	-	-	
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%	
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%	
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	990	295	235.6%	0	0	0.0%	0	0	0.0%	9,017	9,777	-7.8%	
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%	
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%	
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%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	14	8	7,319	1,976	270.4%	0	0	0.0%	224	80	180.0%	31,820	17,720	79.6%	
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%	
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	130	-100.0%	0	0	0.0%	0	0	0.0%	750	1,555	-51.8%	
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	867	330	162.7%	0	0	0.0%	0	0	0.0%	34,133	17,385	96.3%	
NYISO CAPACITY	LHV	-	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%	
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%	
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	160	845	-81.1%	0	0	0.0%	0	0	0.0%	14,329	7,255	97.5%	
PANHANDLE BASIS SWAP FUT	PH	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETROCHEMICALS	22	0	0	0.0%	0	0	236	306	-22.9%	0	0	0.0%	0	0	0.0%	1,875	1,838	2.0%	
PETROCHEMICALS	32	0	0	0.0%	0	0	25	148	-83.1%	0	0	0.0%	0	0	0.0%	879	671	31.0%	
PETROCHEMICALS	3NA	0	0	0.0%	0	0	19	9	111.1%	0	0	0.0%	0	0	0.0%	607	278	118.3%	
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	58	15	286.7%	
PETROCHEMICALS	81	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	424	-85.8%	
PETROCHEMICALS	8I	0	0	0.0%	0	0	75	360	-79.2%	0	0	0.0%	0	0	0.0%	6,113	9,899	-38.2%	
PETROCHEMICALS	91	0	0	0.0%	0	0	124	499	-75.2%	0	0	0.0%	0	0	0.0%	4,559	4,390	3.8%	
PETROCHEMICALS	MAA	0	0	0.0%	0	0	140	30	366.7%	0	0	0.0%	0	0	0.0%	1,320	520	153.8%	
PETROCHEMICALS	MAE	0	0	0.0%	0	0	1,775	955	85.9%	0	0	0.0%	0	0	0.0%	18,156	14,059	29.1%	
PETROCHEMICALS	MAS	0	0	0.0%	0	0	370	340	8.8%	0	0	0.0%	0	0	0.0%	6,019	4,370	37.7%	
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	720	850	-15.3%	
PETROCHEMICALS	MNB	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	476	441	7.9%	0	0	0.0%	0	0	0.0%	6,183	3,685	67.8%	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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>																			
PETROCHEMICALS	PMF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	78	14	457.1%	
PETRO CRCKS & SPRDS ASIA	STR	-	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	15,950	13,405	19.0%	0	0	0.0%	0	0	0.0%	168,913	187,524	-9.9%	
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	400	171	133.9%	0	0	0.0%	0	0	0.0%	3,905	3,024	29.1%	
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	0.0%	0	0	0.0%	0	0	0.0%	960	700	37.1%	
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	761	0	0.0%	0	0	0.0%	0	0	0.0%	1,889	275	586.9%	
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,480	1,350	9.6%	
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,650	577	186.0%	
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	575	100	475.0%	0	0	0.0%	0	0	0.0%	8,130	6,751	20.4%	
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	1,150	2,035	-43.5%	0	0	0.0%	0	0	0.0%	13,091	22,431	-41.6%	
PETRO CRCKS & SPRDS NA	SF3	0	-	-	0	-	0	-	-	0	-	-	0	-	-	12	-	-	
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	450	90	400.0%	0	0	0.0%	0	0	0.0%	715	2,589	-72.4%	
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	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	15	-100.0%	0	0	0.0%	0	0	0.0%	120	620	-80.6%	
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%	
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	267	219	21.9%	0	0	0.0%	0	0	0.0%	4,946	4,532	9.1%	
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	867	-56.7%	
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	9	15	-40.0%	0	0	0.0%	0	0	0.0%	1,016	949	7.1%	
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	0	0.0%	0	0	0.0%	0	0	0.0%	3	2	50.0%	
PETROLEUM PRODUCTS	CMS	0	0	0.0%	0	0	100	510	-80.4%	0	0	0.0%	0	0	0.0%	1,320	2,100	-37.1%	
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	249	0	0.0%	0	0	0.0%	0	0	0.0%	1,757	4,817	-63.5%	
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	235	-100.0%	0	0	0.0%	0	0	0.0%	535	1,120	-52.2%	
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	9,970	13,966	-28.6%	
PETROLEUM PRODUCTS	MPE	-	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 DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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	R5E	-	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	20	37	-45.9%	0	0	0.0%	0	0	0.0%	200	510	-60.8%
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%
PETROLEUM PRODUCTS	UP5	-	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%	260	1,148	-77.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	75	60	25.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	55	512	-89.3%	0	0	0.0%	0	0	0.0%	4,240	7,928	-46.5%
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	0.0%
PETRO OUTRIGHT EURO	0C	-	0	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	0	30	35	-14.3%	0	0	0.0%	0	0	0.0%	570	390	46.2%
PETRO OUTRIGHT EURO	0E	-	0	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	30	50	-40.0%	0	0	0.0%	0	0	0.0%	125	59	111.9%
PETRO OUTRIGHT EURO	1T	-	0	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	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	120	30	300.0%
PETRO OUTRIGHT EURO	7I	0	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	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	82	46	78.3%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	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	0	0	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	0	310	434	-28.6%	0	0	0.0%	0	0	0.0%	2,648	2,200	20.4%
PETRO OUTRIGHT EURO	EFM	-	0	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	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	30	72	-58.3%	0	0	0.0%	0	0	0.0%	2,583	2,242	15.2%
PETRO OUTRIGHT EURO	FLB	-	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%
PETRO OUTRIGHT EURO	JFB	-	0	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	0	319	650	-50.9%	0	0	0.0%	0	0	0.0%	9,497	12,239	-22.4%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	595	320	85.9%	0	0	0.0%	0	0	0.0%	8,358	6,731	24.2%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	82	114	-28.1%
PETRO OUTRIGHT EURO	MQA	0	0	0.0%	0	0	0	324	0	0.0%	0	0	0.0%	0	0	0.0%	2,834	218	1,200.0%
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	0.0%
PETRO OUTRIGHT EURO	R5B	-	0	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	0	882	1,463	-39.7%	0	0	0.0%	0	0	0.0%	12,367	20,485	-39.6%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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	R50	0	0	0.0%	0	0	0	436	396	10.1%	0	0	0.0%	0	0	0.0%	6,836	10,492	-34.8%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	107	122	-12.3%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	118	5	2,260.0%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	128	103	24.3%	0	0	0.0%	0	0	0.0%	4,642	1,363	240.6%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	1,635	1,935	-15.5%	0	0	0.0%	0	0	0.0%	20,477	25,745	-20.5%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	769	1,088	-29.3%	0	0	0.0%	0	0	0.0%	10,104	28,131	-64.1%
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	0.0%
PETRO OUTRIGHT EURO	SR5	0	0	0.0%	0	0	0	0	9	-100.0%	0	0	0.0%	0	0	0.0%	240	141	70.2%
PETRO OUTRIGHT EURO	TLB	-	0	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	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	600	725	-17.2%
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	0.0%
PETRO OUTRIGHT NA	A8B	0	0	0.0%	0	0	0	145	0	0.0%	0	0	0.0%	0	0	0.0%	2,095	2,380	-12.0%
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	3,788	3,980	-4.8%
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	620	3,450	-82.0%	0	0	0.0%	0	0	0.0%	12,058	29,520	-59.2%
PETRO OUTRIGHT NA	FCB	-	0	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%	0	60	-100.0%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	525	350	50.0%	0	0	0.0%	0	0	0.0%	18,494	6,710	175.6%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	189	0	0.0%	0	0	0.0%	0	0	0.0%	2,653	2,161	22.8%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	217	920	-76.4%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	373	614	-39.3%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	1,182	3,123	-62.2%
PETRO OUTRIGHT NA	MFD	-	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%	0	20	-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	0.0%
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	0.0%
PJM DAILY	JD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
PJM NI HUB 5MW REAL TIME	B6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%
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	0.0%
PLASTICS	PGP	0	0	0.0%	0	0	0	1,934	564	242.9%	0	0	0.0%	0	0	0.0%	16,743	11,212	49.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	111	-86.5%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	1,194	1,997	-40.2%	0	0	0.0%	0	0	0.0%	16,107	20,527	-21.5%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	17,595	22,715	-22.5%	0	0	0.0%	0	0	0.0%	276,752	175,389	57.8%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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 CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,190	4,126	25.8%	0	0	0.0%	0	0	0.0%	87,761	64,290	36.5%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	535	60	791.7%	0	0	0.0%	0	0	0.0%	21,011	15,272	37.6%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	472	302	56.3%	0	0	0.0%	0	0	0.0%	10,158	12,827	-20.8%
RBOB PHY	MRB	0	0	0.0%	0	3	-1	0	0	0.0%	0	0	0.0%	56	92	-39.1%	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	0	0.0%	0	0	0.0%	0	0	0.0%	30	975	-96.9%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	4	0	0.0%	0	0	0.0%	0	0	0.0%	25	3	733.3%
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	22	52	-57.7%	0	0	0.0%	0	0	0.0%	2,914	1,375	111.9%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	4	12	-66.7%	0	0	0.0%	0	0	0.0%	44	15	193.3%
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	102	-76.5%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	15	129	-88.4%	0	0	0.0%	0	0	0.0%	251	4,155	-94.0%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	196	-100.0%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	118	368	-67.9%	0	0	0.0%	0	0	0.0%	3,635	4,013	-9.4%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	332	-95.5%
SINGAPORE GASOIL CALENDAR	MSG	0	0	0.0%	0	0	0	52	34	52.9%	0	0	0.0%	0	0	0.0%	843	1,306	-35.5%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8,637	3,155	173.8%
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	3,725	-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	0	50	-100.0%	0	0	0.0%	0	0	0.0%	4,830	650	643.1%
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	450	-61.8%
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	243	-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	6,405	-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	4,100	4,400	-6.8%	0	0	0.0%	0	0	0.0%	71,418	70,389	1.5%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	37,218	23,789	56.5%	0	0	0.0%	16	0	0.0%	358,291	308,492	16.1%
WTI-BRENT BULLET SWAP	BY	0	-	-	0	-	-	0	-	-	0	-	0	-	-	-	111	-	-
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	37,560	40,920	-8.2%	0	0	0.0%	0	0	0.0%	595,892	599,792	-0.7%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	79,763	51,464	55.0%	0	0	0.0%	0	0	0.0%	817,057	719,774	13.5%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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>																			
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,900	900	111.1%	
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	6,978	540	1,192.2%	0	0	0.0%	0	0	0.0%	41,284	28,378	45.5%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	28	100	-72.0%	0	0	0.0%	0	0	0.0%	2,687	7,135	-62.3%
<b>Energy Options</b>																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	42	990	-95.8%	0	0	0.0%	0	0	0.0%	2,752	4,262	-35.4%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	800	15,000	-94.7%	0	0	0.0%	900	0	0.0%	13,000	181,500	-92.8%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	250	625	-60.0%	0	0	0.0%	3	0	0.0%	56,886	129,912	-56.2%
BRENT OIL LAST DAY	BZO	0	0	0.0%	1,627	1,725	-0.06	3,275	5,300	-38.2%	0	0	0.0%	41,779	37,104	12.6%	59,190	157,162	-62.3%
COAL API2 INDEX	F2C	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	475	460	3.3%
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%	2,975	575	4.17	32,450	31,375	3.4%	0	0	0.0%	10,900	36,908	-70.5%	803,525	631,620	27.2%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	19,800	19,816	-0.1%	0	0	0.0%	0	0	0.0%	399,441	237,774	68.0%
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	0	0.0%	2,981	11,102	-0.73	0	0	0.0%	0	0	0.0%	72,869	23,887	205.1%	0	0	0.0%
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	18,210	15,460	17.8%	0	0	0.0%	2	0	0.0%	309,993	389,651	-20.4%
CRUDE OIL PHY	LO	0	0	0.0%	1,771,896	1,292,598	0.37	269,202	416,253	-35.3%	0	0	0.0%	24,544,677	21,985,425	11.6%	6,077,455	6,946,403	-12.5%
CRUDE OIL PHY	LO1	0	0	0.0%	27,436	20,589	0.33	20	2,000	-99.0%	0	0	0.0%	624,503	385,100	62.2%	26,383	11,475	129.9%
CRUDE OIL PHY	LO2	0	0	0.0%	39,306	48,472	-0.19	1,100	200	450.0%	0	0	0.0%	527,779	330,587	59.6%	16,665	3,475	379.6%
CRUDE OIL PHY	LO3	0	0	0.0%	18,976	18,054	0.05	0	0	0.0%	0	0	0.0%	408,333	212,150	92.5%	15,335	950	1,514.2%
CRUDE OIL PHY	LO4	0	0	0.0%	43,965	31,267	0.41	250	1,000	-75.0%	0	0	0.0%	545,647	403,205	35.3%	11,275	9,330	20.8%
CRUDE OIL PHY	LO5	0	0	0.0%	54,770	21,318	1.57	6,600	2,400	175.0%	0	0	0.0%	235,538	94,437	149.4%	16,850	5,350	215.0%
CRUDE OIL PHY	MCO	0	0	0.0%	20,192	14,888	0.36	0	0	0.0%	0	0	0.0%	255,178	70,216	263.4%	0	0	0.0%
CRUDE OIL PHY	ML1	0	-	-	18,192	-	0	-	-	0	-	-	67,263	-	-	0	-	-	
CRUDE OIL PHY	ML2	0	-	-	11,385	-	0	-	-	0	-	-	49,453	-	-	200	-	-	
CRUDE OIL PHY	ML3	0	-	-	14,820	-	0	-	-	0	-	-	69,531	-	-	0	-	-	
CRUDE OIL PHY	ML4	0	-	-	8,608	-	0	-	-	0	-	-	76,048	-	-	0	-	-	
CRUDE OIL PHY	ML5	0	-	-	0	-	0	-	-	0	-	-	17,280	-	-	0	-	-	
CRUDE OIL PHY	MW1	0	0	0.0%	1,020	705	0.45	0	0	0.0%	0	0	0.0%	21,989	8,236	167.0%	0	0	0.0%
CRUDE OIL PHY	MW2	0	0	0.0%	1,890	1,984	-0.05	0	0	0.0%	0	0	0.0%	20,683	10,785	91.8%	0	0	0.0%
CRUDE OIL PHY	MW3	0	0	0.0%	2,211	1,297	0.7	0	0	0.0%	0	0	0.0%	16,585	5,865	182.8%	0	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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>																			
CRUDE OIL PHY	MW4	0	0	0.0%	1,845	1,384	0.33	0	0	0.0%	0	0	0.0%	24,723	11,993	106.1%	0	0	0.0%
CRUDE OIL PHY	MW5	0	0	0.0%	1,413	900	0.57	0	0	0.0%	0	0	0.0%	7,874	4,193	87.8%	0	0	0.0%
CRUDE OIL PHY	WL1	0	-	-	18,524	-	200	-	-	0	-	-	68,267	-	-	1,200	-	-	
CRUDE OIL PHY	WL2	0	-	-	13,627	-	500	-	-	0	-	-	62,946	-	-	500	-	-	
CRUDE OIL PHY	WL3	0	-	-	17,194	-	0	-	-	0	-	-	55,772	-	-	1,000	-	-	
CRUDE OIL PHY	WL4	0	-	-	14,104	-	100	-	-	0	-	-	82,841	-	-	100	-	-	
CRUDE OIL PHY	WL5	0	-	-	0	-	0	-	-	0	-	-	36,065	-	-	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	587	855	-31.3%	0	0	0.0%	0	0	0.0%	30,186	31,535	-4.3%
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	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	750	-100.0%	
HEATING OIL PHY	FZ	-	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	12	0	0.0%	0	0	0.0%	0	0.0%	552	382	44.5%	
HEATING OIL PHY	OH	0	0	0.0%	886	2,227	-0.6	6,942	13,398	-48.2%	0	0	0.0%	12,388	27,204	-54.5%	129,434	112,376	15.2%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	66,449	10,158	554.2%	0	0	0.0%	180	106	69.8%	295,880	62,866	370.7%
HENRY HUB FINANCIAL LAST	ECNG	0	0	0.0%	2,423	12,609	-0.81	0	0	0.0%	0	0	0.0%	23,854	22,967	3.9%	0	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	1,300	2,550	-49.0%	0	0	0.0%	0	0	0.0%	42,150	10,525	300.5%
LLS CRUDE OIL	HTO	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%	3,000	4,500	-33.3%	
MCCLOSKEY 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%	
NATURAL GAS	LN1	0	0	0.0%	334	0	0	0	0.0%	0	0	0.0%	3,925	697	463.1%	1,100	150	633.3%	
NATURAL GAS	LN2	0	0	0.0%	586	0	0	0	0.0%	0	0	0.0%	2,356	1,452	62.3%	100	50	100.0%	
NATURAL GAS	LN3	0	0	0.0%	2,083	0	0	1,500	0	0.0%	0	0	0.0%	3,493	1,072	225.8%	2,000	0	0.0%
NATURAL GAS	LN4	0	0	0.0%	756	0	0	0	0.0%	0	0	0.0%	2,331	1,517	53.7%	0	0	0.0%	
NATURAL GAS	LN5	0	0	0.0%	871	0	0	0	0.0%	0	0	0.0%	886	5	17,620.0%	0	0	0.0%	
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	16,800	3,710	3.53	51,200	133,250	-61.6%	0	0	0.0%	79,191	12,510	533.0%	1,025,775	1,099,471	-6.7%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,250	14,100	-84.0%	
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	200	200	0	8,050	450	1,688.9%	0	0	0.0%	79,465	1,000	7,846.5%	591,465	354,190	67.0%
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%	10,650	48,250	-77.9%	
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	1,750	10,250	-82.9%	0	0	0.0%	0	0	0.0%	74,100	113,525	-34.7%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	450	-100.0%	
NATURAL GAS OPT	JKO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6,450	-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	700	-100.0%	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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>																			
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,800	600	200.0%	
NATURAL GAS PHY	KD	0	0	0.0%	0	0	700	1,950	-64.1%	0	0	0.0%	0	0	0.0%	10,250	16,980	-39.6%	
NATURAL GAS PHY	LN	0	0	0.0%	1,861,732	920,620	1,271,263	1,136,544	11.9%	0	0	0.0%	19,030,952	10,869,386	75.1%	15,187,182	13,037,106	16.5%	
NATURAL GAS PHY	ON	0	0	0.0%	87,716	60,482	2,380	2,397	-0.7%	0	0	0.0%	1,086,765	904,181	20.2%	26,840	66,693	-59.8%	
NATURAL GAS PHY	ON3	0	-	-	0	-	0	-	-	0	-	-	2	-	-	0	-	-	
NATURAL GAS SUMMER STRIP	4D	-	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%	59	291	12,599	2,515	401.0%	0	0	0.0%	945	3,359	-71.9%	52,157	21,935	137.8%	
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	900	-100.0%	0	0	0.0%	30	12	150.0%	382	4,202	-90.9%	
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROCHEMICALS	4K	-	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%	
PETRO OUTRIGHT EURO	BCO	-	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%	90	375	-76.0%	
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%	
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	3,600	-86.1%	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	12	0	0.0%	0	0	0.0%	0	0	0.0%	72	3,605	-98.0%	
RBOB PHY	OB	0	0	0.0%	399	184	550	925	-40.5%	0	0	0.0%	5,287	9,527	-44.5%	27,134	33,080	-18.0%	
RBOB PHY	RF	0	0	0.0%	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	882	1,540	-42.7%	
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	400	-87.5%	
SHORT TERM	U12	0	0	0.0%	0	0	150	200	-25.0%	0	0	0.0%	0	0	0.0%	200	750	-73.3%	
SHORT TERM	U13	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	1,150	100	1,050.0%	
SHORT TERM	U14	0	0	0.0%	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	550	500	10.0%	
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	50	100.0%	
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	350	-100.0%	
SHORT TERM	U23	0	-	-	0	-	0	-	-	0	-	-	0	-	-	100	-	-	
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	100	0.0%	
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	400	-75.0%	
SHORT TERM	U26	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	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%	400	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%	4,350	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%	300	950	-68.4%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	1,200	700	71.4%	

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

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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 U06	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	750	550	36.4%
SHORT TERM NATURAL GAS U07	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	100	925	-89.2%
SHORT TERM NATURAL GAS U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	200	225.0%
SHORT TERM NATURAL GAS U09	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	150	100	50.0%
SHORT TERM NATURAL GAS U10	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	700	-21.4%
SHORT TERM NATURAL GAS U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	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%	50	350	-85.7%
SHORT TERM NATURAL GAS U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	600	-33.3%
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	0	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	200	-100.0%	0	0	0.0%	0	0	0.0%	450	1,150	-60.9%
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	0	0.0%	0	0	0.0%	0	0	0.0%	100	350	-71.4%
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	150	-100.0%
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	100	550.0%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,800	200	800.0%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	475	1,650	-0.71	0	8,100	-100.0%	0	0	0.0%	5,162	12,220	-57.8%	279,655	373,525	-25.1%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	300	0	0	127,300	110,575	15.1%	0	0	0.0%	5,050	571	784.4%	1,047,870	740,354	41.5%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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%	3,660,208	3,184,064	0.15	86,549	70,842	22.2%	0	0	0.0%	55,332,904	53,026,708	4.3%	1,127,108	1,235,059	-8.7%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	5,450	6,578	-0.17	12,281	13,291	-7.6%	0	0	0.0%	111,495	64,337	73.3%	214,187	196,548	9.0%
NYMEX PLATINUM	PL	0	0	0.0%	677,226	531,902	0.27	21,519	9,978	115.7%	0	0	0.0%	6,001,062	5,047,673	18.9%	177,270	129,390	37.0%
PALLADIUM	PA	0	0	0.0%	71,159	41,373	0.72	3,779	1,543	144.9%	0	0	0.0%	887,395	552,797	60.5%	30,780	18,237	68.8%
URANIUM	UX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	5	24	-79.2%	0	0	0.0%
COMEX SILVER	SI	0	0	0.0%	1,241,057	1,106,005	0.12	16,217	17,724	-8.5%	0	0	0.0%	17,832,225	16,779,220	6.3%	297,368	297,460	0.0%
COMEX E-Mini GOLD	QO	0	0	0.0%	19,000	26,372	-0.28	0	0	0.0%	0	0	0.0%	359,231	394,418	-8.9%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	6,079	4,252	0.43	0	0	0.0%	0	0	0.0%	71,979	47,184	52.5%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,809,250	1,276,168	0.42	17,796	9,514	87.1%	0	0	0.0%	25,426,863	21,329,242	19.2%	270,895	209,518	29.3%
COMEX MINY COPPER	QC	0	0	0.0%	3,405	2,111	0.61	0	0	0.0%	0	0	0.0%	64,939	41,645	55.9%	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%	0	220	-1	2,662	1,991	33.7%	0	0	0.0%	26	235	-88.9%	21,132	23,145	-8.7%
ALUMINUM	ALA	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	240	2,030	-88.2%
ALUMINUM	ALI	0	0	0.0%	191,619	52,921	2.62	92	626	-85.3%	0	0	0.0%	1,215,298	418,695	190.3%	9,379	735	1,176.1%
ALUMINUM	AUP	0	0	0.0%	989	250	2.96	5,866	6,149	-4.6%	0	0	0.0%	5,354	3,326	61.0%	75,624	81,816	-7.6%
ALUMINUM	EDP	0	0	0.0%	20	0	0	4,640	4,841	-4.2%	0	0	0.0%	133	59	125.4%	55,581	61,156	-9.1%
ALUMINUM	MJP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	770	3,200	-75.9%
COBALT METAL FUTURES	COB	0	0	0.0%	23	2	10.5	1,502	3,127	-52.0%	0	0	0.0%	432	17	2,441.2%	28,259	17,102	65.2%
COPPER	HGS	0	0	0.0%	0	1	-1	1,910	3,497	-45.4%	0	0	0.0%	394	1	39,300.0%	18,087	21,428	-15.6%
COPPER	MHG	0	0	0.0%	77,920	54,573	0.43	0	0	0.0%	0	0	0.0%	1,220,500	563,707	116.5%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	1,142	1,037	0.1	820	2,885	-71.6%	0	0	0.0%	5,967	5,324	12.1%	10,418	29,181	-64.3%
FERROUS PRODUCTS	FSF	0	-	-	9	-	0	-	-	-	0	-	241	-	-	87	-	-	
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%	2,074	106	18.57	0	0	0.0%	0	0	0.0%	6,505	7,992	-18.6%	0	0	0.0%
GOLD	SGU	0	0	0.0%	4,694	113	40.54	0	0	0.0%	0	0	0.0%	12,537	53,010	-76.3%	0	542	-100.0%
HOT ROLLED COIL STEEL FUTL	EHR	0	0	0.0%	1,435	1,214	0.18	3,194	3,754	-14.9%	0	0	0.0%	19,376	10,622	82.4%	41,316	35,113	17.7%
IRON ORE CHINA	TIO	0	0	0.0%	0	0	0	106	740	-85.7%	0	0	0.0%	0	0	0.0%	3,175	14,905	-78.7%
LITHIUM CARBONATE FUTURE	LTC	0	-	-	0	-	225	-	-	-	0	-	0	-	-	233	-	-	
METALS	HDG	0	0	0.0%	1	5	-0.8	0	0	0.0%	0	0	0.0%	142	126	12.7%	1,300	546	138.1%
METALS	LTH	0	0	0.0%	3	0	0	3,511	319	1,000.6%	0	0	0.0%	17	0	0.0%	20,290	468	4,235.5%
METALS	PAC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	0	0	0.0%	1,347,954	839,181	0.61	0	0	0.0%	0	0	0.0%	16,368,021	12,541,039	30.5%	0	0	0.0%
MOLYBDENUM OXIDE FUTURE	MOX	0	-	-	0	-	395	-	-	-	0	-	0	-	-	1,701	-	-	
SILVER	SIL	0	0	0.0%	199,129	180,078	0.11	0	0	0.0%	0	0	0.0%	2,679,782	1,999,924	34.0%	0	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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	0	0.0%	2,268	260	7.72	430	200	115.0%	0	0	0.0%	12,355	997	1,139.2%	3,305	700	372.1%
COMEX COPPER	HX	0	0	0.0%	62,504	65,920	-0.05	15,418	26,567	-42.0%	0	0	0.0%	1,076,183	747,650	43.9%	305,095	311,306	-2.0%
COMEX GOLD	ECGC	0	0	0.0%	4,380	5,527	-0.21	0	0	0.0%	0	0	0.0%	66,538	16,131	312.5%	0	0	0.0%
COMEX GOLD	OG	0	0	0.0%	900,245	484,629	0.86	88,441	86,627	2.1%	0	0	0.0%	10,907,603	8,398,893	29.9%	1,322,326	1,436,552	-8.0%
COMEX SILVER	ECSI	0	0	0.0%	323	2,854	-0.89	0	0	0.0%	0	0	0.0%	34,144	10,666	220.1%	0	0	0.0%
COMEX SILVER	SO	0	0	0.0%	110,951	136,014	-0.18	9,964	7,050	41.3%	0	0	0.0%	1,677,401	1,322,778	26.8%	157,030	128,825	21.9%
COPPER	ECHG	0	0	0.0%	166	2,351	-0.93	0	0	0.0%	0	0	0.0%	27,568	7,586	263.4%	0	0	0.0%
COPPER	H1E	0	0	0.0%	268	868	-0.69	0	0	0.0%	0	0	0.0%	9,522	3,254	192.6%	3,420	165	1,972.7%
COPPER	H1M	0	0	0.0%	169	40	3.23	0	0	0.0%	0	0	0.0%	2,007	1,404	42.9%	990	220	350.0%
COPPER	H1W	0	0	0.0%	2,882	109	25.44	1,205	0	0.0%	0	0	0.0%	19,626	1,440	1,262.9%	4,590	0	0.0%
COPPER	H2E	0	0	0.0%	549	275	1	0	0	0.0%	0	0	0.0%	9,090	3,197	184.3%	600	200	200.0%
COPPER	H2M	0	0	0.0%	192	389	-0.51	0	50	-100.0%	0	0	0.0%	4,006	1,344	198.1%	400	50	700.0%
COPPER	H2W	0	0	0.0%	305	195	0.56	0	0	0.0%	0	0	0.0%	6,087	903	574.1%	0	0	0.0%
COPPER	H3E	0	0	0.0%	740	219	2.38	0	0	0.0%	0	0	0.0%	7,051	1,908	269.5%	1,150	800	43.8%
COPPER	H3M	0	0	0.0%	139	94	0.48	0	0	0.0%	0	0	0.0%	2,735	891	207.0%	300	0	0.0%
COPPER	H3W	0	0	0.0%	163	93	0.75	0	0	0.0%	0	0	0.0%	3,317	516	542.8%	500	0	0.0%
COPPER	H4E	0	0	0.0%	1,323	273	3.85	200	0	0.0%	0	0	0.0%	5,459	2,975	83.5%	500	165	203.0%
COPPER	H4M	0	0	0.0%	29	109	-0.73	0	0	0.0%	0	0	0.0%	2,046	591	246.2%	0	0	0.0%
COPPER	H4W	0	0	0.0%	387	244	0.59	0	0	0.0%	0	0	0.0%	3,140	889	253.2%	0	0	0.0%
COPPER	H5E	0	0	0.0%	185	447	-0.59	0	740	-100.0%	0	0	0.0%	1,542	857	79.9%	0	1,040	-100.0%
COPPER	H5M	0	0	0.0%	21	95	-0.78	0	0	0.0%	0	0	0.0%	898	455	97.4%	0	0	0.0%
COPPER	H5W	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	1,933	966	100.1%	0	0	0.0%	
GOLD	1FG	0	-	-	30	-	0	-	-	0	-	-	93	-	-	0	-	-	
GOLD	1MG	0	-	-	25	-	0	-	-	0	-	-	59	-	-	0	-	-	
GOLD	1WG	0	-	-	96	-	0	-	-	0	-	-	119	-	-	0	-	-	
GOLD	2FG	0	-	-	101	-	0	-	-	0	-	-	165	-	-	0	-	-	
GOLD	2MG	0	-	-	64	-	0	-	-	0	-	-	133	-	-	0	-	-	
GOLD	2WG	0	-	-	20	-	0	-	-	0	-	-	248	-	-	0	-	-	
GOLD	3FG	0	-	-	35	-	0	-	-	0	-	-	108	-	-	0	-	-	
GOLD	3MG	0	-	-	25	-	0	-	-	0	-	-	219	-	-	0	-	-	
GOLD	3WG	0	-	-	22	-	0	-	-	0	-	-	59	-	-	0	-	-	
GOLD	4FG	0	-	-	68	-	0	-	-	0	-	-	131	-	-	0	-	-	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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	4MG	0	-	18	-	-	0	-	-	0	-	-	22	-	-	0	-	-
GOLD	4WG	0	-	21	-	-	0	-	-	0	-	-	85	-	-	0	-	-
GOLD	5FG	0	-	130	-	-	0	-	-	0	-	-	130	-	-	0	-	-
GOLD	5MG	0	-	24	-	-	0	-	-	0	-	-	26	-	-	0	-	-
GOLD	5WG	0	-	0	-	-	0	-	-	0	-	-	38	-	-	0	-	-
GOLD	G1M	0	0	23,614	3,816	5.19	925	1,200	-22.9%	0	0	0.0%	142,028	34,857	307.5%	7,965	2,412	230.2%
GOLD	G1W	0	0	28,296	13,505	1.1	3,060	1,200	155.0%	0	0	0.0%	156,233	62,952	148.2%	9,565	2,300	315.9%
GOLD	G2M	0	0	26,392	10,612	1.49	492	650	-24.3%	0	0	0.0%	144,426	50,028	188.7%	8,247	3,950	108.8%
GOLD	G2W	0	0	15,155	14,120	0.07	550	1,150	-52.2%	0	0	0.0%	134,866	57,071	136.3%	9,852	2,125	363.6%
GOLD	G3M	0	0	11,150	8,468	0.32	1,810	1,550	16.8%	0	0	0.0%	112,778	37,415	201.4%	8,302	1,850	348.8%
GOLD	G3W	0	0	14,183	6,968	1.04	700	500	40.0%	0	0	0.0%	131,140	53,227	146.4%	8,045	4,665	72.5%
GOLD	G4M	0	0	3,537	1,779	0.99	0	0	0.0%	0	0	0.0%	80,095	25,024	220.1%	4,051	0	0.0%
GOLD	G4W	0	0	9,847	3,660	1.69	100	0	0.0%	0	0	0.0%	111,536	30,719	263.1%	5,235	100	5,135.0%
GOLD	G5M	0	0	1,284	1,227	0.05	0	0	0.0%	0	0	0.0%	32,657	9,691	237.0%	3,156	0	0.0%
GOLD	G5W	0	0	0	0	0	0	0	0.0%	0	0	0.0%	44,491	21,512	106.8%	2,888	1,430	102.0%
GOLD	OG1	0	0	27,374	37,104	-0.26	1,200	500	140.0%	0	0	0.0%	540,415	526,982	2.5%	14,344	21,450	-33.1%
GOLD	OG2	0	0	55,066	41,818	0.32	1,100	1,900	-42.1%	0	0	0.0%	588,672	526,268	11.9%	17,551	19,963	-12.1%
GOLD	OG3	0	0	56,445	73,871	-0.24	2,100	700	200.0%	0	0	0.0%	583,093	562,645	3.6%	14,609	18,211	-19.8%
GOLD	OG4	0	0	39,348	23,574	0.67	1,150	1,100	4.5%	0	0	0.0%	391,179	422,340	-7.4%	10,481	10,015	4.7%
GOLD	OG5	0	0	34,844	20,949	0.66	550	600	-8.3%	0	0	0.0%	176,163	137,094	28.5%	1,952	2,060	-5.2%
GOLD	OMG	0	-	405	-	-	0	-	-	0	-	-	828	-	-	0	-	-
IRON ORE CHINA	ICT	0	0	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	360	300	20.0%
NYMEX HOT ROLLED STEEL	COO	0	-	0	-	-	15	-	-	0	-	-	0	-	-	15	-	-
NYMEX HOT ROLLED STEEL	HRO	0	0	216	0	0	2,325	725	220.7%	0	0	0.0%	721	20	3,505.0%	31,780	18,770	69.3%
NYMEX HOT ROLLED STEEL	LHO	0	-	0	-	-	30	-	-	0	-	-	0	-	-	30	-	-
NYMEX PLATINUM	PO	0	0	6,686	347	18.27	4,513	500	802.6%	0	0	0.0%	61,730	5,971	933.8%	114,038	46,360	146.0%
PALLADIUM	PAO	0	0	873	122	6.16	120	0	0.0%	0	0	0.0%	6,494	260	2,397.7%	3,600	0	0.0%
SILVER	M1S	0	0	1,044	584	0.79	0	0	0.0%	0	0	0.0%	16,665	6,640	151.0%	1,790	100	1,690.0%
SILVER	M2S	0	0	2,790	1,533	0.82	100	0	0.0%	0	0	0.0%	21,005	5,324	294.5%	2,780	600	363.3%
SILVER	M3S	0	0	1,720	474	2.63	655	0	0.0%	0	0	0.0%	14,160	2,410	487.6%	2,492	0	0.0%
SILVER	M4S	0	0	204	219	-0.07	0	0	0.0%	0	0	0.0%	7,498	2,654	182.5%	1,064	60	1,673.3%
SILVER	M5S	0	0	241	65	2.71	0	0	0.0%	0	0	0.0%	3,688	609	505.6%	475	0	0.0%
SILVER	SO1	0	0	3,321	8,981	-0.63	0	0	0.0%	0	0	0.0%	85,437	69,467	23.0%	1,314	2,985	-56.0%
SILVER	SO2	0	0	5,925	7,202	-0.18	0	100	-100.0%	0	0	0.0%	93,870	62,720	49.7%	1,662	4,875	-65.9%



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2023	Open Outcry DEC 2022	% CHG	ELEC DEC 2023	ELEC DEC 2022	% CHG	CME ClearPort DEC 2023	CME ClearPort DEC 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>																		
SILVER	SO3	0	0	0.0%	7,988	5,759	0.39	0	450	-100.0%	0	0	0.0%	77,305	53,776	43.8%	3,811	2,684	42.0%
SILVER	SO4	0	0	0.0%	4,777	4,040	0.18	100	100	0.0%	0	0	0.0%	53,587	40,505	32.3%	2,274	1,060	114.5%
SILVER	SO5	0	0	0.0%	5,172	6,117	-0.15	100	450	-77.8%	0	0	0.0%	24,748	14,946	65.6%	500	850	-41.2%
SILVER	W1S	0	0	0.0%	4,367	1,327	2.29	0	150	-100.0%	0	0	0.0%	24,524	4,927	397.7%	4,099	150	2,632.7%
SILVER	W2S	0	0	0.0%	2,802	867	2.23	0	0	0.0%	0	0	0.0%	21,265	5,264	304.0%	1,392	0	0.0%
SILVER	W3S	0	0	0.0%	2,184	739	1.96	600	0	0.0%	0	0	0.0%	19,241	3,164	508.1%	2,231	200	1,015.5%
SILVER	W4S	0	0	0.0%	3,257	315	9.34	0	0	0.0%	0	0	0.0%	13,942	1,235	1,028.9%	1,250	0	0.0%
SILVER	W5S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	6,235	1,368	355.8%	440	100	340.0%
<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%	32,203,246	31,247,015	3.1%	1,992,645	1,897,968	5.0%	0	0	0.0%	428,030,865	424,987,289	0.7%	26,069,928	23,028,503	13.2%
Metals Futures		0	0	0.0%	9,319,846	7,308,526	27.5%	183,064	150,881	21.3%	0	0	0.0%	127,622,823	112,887,325	13.1%	2,405,700	2,378,879	1.1%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>41,523,092</b>	<b>38,555,541</b>	<b>7.7%</b>	<b>2,175,709</b>	<b>2,048,849</b>	<b>6.2%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>555,653,688</b>	<b>537,874,614</b>	<b>3.3%</b>	<b>28,475,628</b>	<b>25,407,382</b>	<b>12.1%</b>
<b>TOTAL OPTIONS GROUP</b>																			
Energy Options		0	0	0.0%	4,084,577	2,468,831	65.4%	1,906,088	1,945,986	-2.1%	0	0	0.0%	48,287,690	35,487,877	36.1%	26,671,231	24,884,894	7.2%
Metals Options		0	0	0.0%	1,489,375	1,001,167	48.8%	137,953	134,759	2.4%	0	0	0.0%	17,804,601	13,365,376	33.2%	2,103,846	2,049,648	2.6%
<b>TOTAL OPTIONS</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>5,573,952</b>	<b>3,469,998</b>	<b>60.6%</b>	<b>2,044,041</b>	<b>2,080,745</b>	<b>-1.8%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>66,092,291</b>	<b>48,853,253</b>	<b>35.3%</b>	<b>28,775,077</b>	<b>26,934,542</b>	<b>6.8%</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%	36,287,823	33,715,846	7.6%	3,898,733	3,843,954	1.4%	0	0	0.0%	476,318,555	460,475,166	3.4%	52,741,159	47,913,397	10.1%
Metals		0	0	0.0%	10,809,221	8,309,693	30.1%	321,017	285,640	12.4%	0	0	0.0%	145,427,424	126,252,701	15.2%	4,509,546	4,428,527	1.8%
<b>GRAND TOTAL</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>47,097,044</b>	<b>42,025,539</b>	<b>12.1%</b>	<b>4,219,750</b>	<b>4,129,594</b>	<b>2.2%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>621,745,979</b>	<b>586,727,867</b>	<b>6.0%</b>	<b>57,250,705</b>	<b>52,341,924</b>	<b>9.4%</b>

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