

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Ag Products Futures</b>																			
COFFEE	KT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
COTTON	TT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SUGAR 11	YO	-	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%	17,250,075	18,459,826	-0.07	327,669	381,856	-14.2%	0	0	0.0%	142,158,889	161,230,974	-11.8%	2,982,782	3,309,534	-9.9%
CRUDE OIL	WS	0	0	0.0%	0	0	0	1,000	500	100.0%	0	0	0.0%	0	0	0.0%	1,000	3,732	-73.2%
MINY WTI CRUDE OIL	QM	0	0	0.0%	648,067	494,506	0.31	0	0	0.0%	0	0	0.0%	5,050,786	3,393,222	48.8%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,315,537	1,888,623	-0.3	14,139	19,900	-28.9%	0	0	0.0%	11,790,728	16,104,668	-26.8%	214,877	149,479	43.8%
HEATING OIL PHY	HO	0	0	0.0%	3,216,562	3,393,461	-0.05	86,234	171,319	-49.7%	0	0	0.0%	26,097,540	23,330,206	11.9%	907,607	1,314,384	-30.9%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	72	112	-35.7%
MINY HTG OIL	QH	0	0	0.0%	10	8	0.25	0	0	0.0%	0	0	0.0%	67	52	28.8%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,152,079	4,624,196	-0.32	98,113	176,971	-44.6%	0	0	0.0%	28,258,831	30,906,700	-8.6%	1,228,604	1,484,716	-17.2%
MINY RBOB GAS	QU	0	0	0.0%	14	9	0.56	0	0	0.0%	0	0	0.0%	74	72	2.8%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	28,502	51,496	-0.45	100,202	133,651	-25.0%	0	0	0.0%	361,056	366,105	-1.4%	1,064,386	723,254	47.2%
LTD NAT GAS	HH	0	0	0.0%	202,150	237,723	-0.15	99,774	184,642	-46.0%	0	0	0.0%	1,944,105	1,740,680	11.7%	878,127	779,670	12.6%
MINY NATURAL GAS	QG	0	0	0.0%	384,388	126,257	2.04	0	0	0.0%	0	0	0.0%	2,627,251	887,760	195.9%	48	0	0.0%
PJM MONTHLY	JM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PHY	NG	0	0	0.0%	5,730,754	8,117,751	-0.29	98,190	151,346	-35.1%	0	0	0.0%	57,929,235	61,739,423	-6.2%	1,121,021	1,195,231	-6.2%
RBOB GAS	RT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	48	60	-20.0%
3.5% FUEL OIL CID MED SWA	7D	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	9,900	2,655	272.9%	0	0	0.0%	0	0	0.0%	48,985	65,837	-25.6%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	6,236	6,466	-3.6%	0	0	0.0%	0	0	0.0%	45,537	45,668	-0.3%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,416	1,281	10.5%	0	0	0.0%	0	0	0.0%	15,518	13,814	12.3%
AUSTRIALIAN COKE COAL	ALW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	1,587	1,014	56.5%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	25,397	10,064	152.4%	0	0	0.0%	0	0	0.0%	127,772	67,127	90.3%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	240	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	68	-100.0%

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<b>Energy Futures</b>																			
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
CAR VINTAGE	GEO	0	0	0.0%	3,663	3,754	-0.02	1,231	610	101.8%	0	0	0.0%	14,967	4,094	265.6%	8,963	1,000	796.3%
CAR VINTAGE	NGO	0	0	0.0%	7,614	4,625	0.65	8,017	6,440	24.5%	0	0	0.0%	33,648	4,625	627.5%	68,966	6,440	970.9%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	168	1,416	-0.88	71,962	65,038	10.6%	0	0	0.0%	1,220	2,196	-44.4%	477,433	584,682	-18.3%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	455	45	911.1%	0	0	0.0%	0	0	0.0%	4,568	3,487	31.0%
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	425	-100.0%	
CIG BASIS	CI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	H5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	H4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	795	703	13.1%	0	0	0.0%	0	0	0.0%	2,516	3,105	-19.0%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	110	525	-79.0%	0	0	0.0%	0	0	0.0%	2,652	2,148	23.5%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	17,336	17,909	-3.2%	0	0	0.0%	74	24	208.3%	125,582	110,866	13.3%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	0	0	0.0%	0	0	0	135	156	-13.5%	0	0	0.0%	0	0	0.0%	3,081	2,368	30.1%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	760	572	32.9%	0	0	0.0%	0	0	0.0%	7,606	2,332	226.2%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	1,566	9,171	-82.9%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	0	810	-100.0%	0	0	0.0%	0	0	0.0%	1,260	13,899	-90.9%
CRUDE OIL OUTRIGHTS	DAB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	DBL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	2,404	-95.6%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	93,670	63,980	46.4%	0	0	0.0%	0	0	0.0%	578,936	466,567	24.1%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	75	90	-16.7%	0	0	0.0%	0	0	0.0%	3,905	7,303	-46.5%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	200	1,125	-82.2%	0	0	0.0%	0	0	0.0%	16,730	27,847	-39.9%
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	15	-1	0	0	0.0%	0	0	0.0%	0	17,605	-100.0%	0	2,542	-100.0%
CRUDE OIL PHY	MCL	0	0	0.0%	2,949,607	1,588,349	0.86	0	0	0.0%	0	0	0.0%	21,182,343	2,233,705	848.3%	0	0	0.0%
CRUDE OIL SPRDS	38	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL SPRDS	ANT	0	0	0.0%	0	0	0	555	660	-15.9%	0	0	0.0%	0	0	0.0%	6,536	2,437	168.2%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	3,255	5,100	-36.2%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	54,619	19,155	185.1%	0	0	0.0%	0	0	0.0%	409,347	200,163	104.5%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>																			
DAILY PJM	AOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	IDO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	NOC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PAP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PEO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PNO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DAILY PJM	PNP	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DAILY PJM	PWO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	PWP	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	ZAO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	ZGO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DAILY PJM	ZJO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DATED BRENT (PLATTS) DAILY	7G	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,220	1,215	82.7%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	30	-83.3%	
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DUBAI CRUDE OIL BALMO	BI	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,000	0	0.0%	
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	0	26,137	168	1,602	-89.5%	0	0	0.0%	10,828	359,309	-97.0%	3,734	37,063	-89.9%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	12	0	10	212	-95.3%	0	0	0.0%	12	1	1,100.0%	826	3,981	-79.3%	
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY OFF PEAK	4P	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EMMISSIONS	CGO	0	-	-	5,419	-	0	-	-	0	-	-	14,946	-	-	0	-	-	
ETHANOL	MTH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	10	0.0%	
ETHANOL SWAP	MT2	0	0	0.0%	0	0	95	180	-47.2%	0	0	0.0%	0	0	0.0%	1,530	1,163	31.6%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	5,398	2,971	81.7%	0	0	0.0%	0	0	0.0%	24,521	26,727	-8.3%	
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	6	-100.0%	
EURO 3.5% FUEL OIL SPREAD	FK	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	1,169	983	18.9%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	72	-100.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%	
EUROPE 1% FUEL OIL RDAM C	UH	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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<b>Energy Futures</b>																			
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	546	296	84.5%	
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	10	14	-0.29	492	0	0.0%	0	0.0%	2,377	356	567.7%	10,724	4,118	160.4%	
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	5	0	0.0%	0	0.0%	0	0	0.0%	157	20	685.0%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	1,833	3,519	-47.9%	0	0	0.0%	0	0	0.0%	19,381	9,459	104.9%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	460	901	-48.9%	0	0	0.0%	0	0	0.0%	5,191	4,729	9.8%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,690	1,559	8.4%	0	0	0.0%	0	0	0.0%	13,035	11,106	17.4%
FREIGHT MARKETS	ACB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BF1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	119	-100.0%
FREIGHT MARKETS	BF3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	BL2	0	0	0.0%	0	0	0	60	5	1,100.0%	0	0	0.0%	0	0	0.0%	405	60	575.0%
FREIGHT MARKETS	CS3	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	10	-	-
FREIGHT MARKETS	CS4	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	360	-	-
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	67	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	6	21	-71.4%	0	0	0.0%	0	0	0.0%	228	590	-61.4%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	36	0	0.0%	0	0	0.0%	0	0	0.0%	36	70	-48.6%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	708	275	157.5%
FREIGHT MARKETS	T7C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	TC6	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	-	-	-
FREIGHT MARKETS	TD3	0	-	-	0	-	-	0	-	-	0	-	0	-	-	0	-	-	-
FREIGHT MARKETS	USC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	1,192	1,888	-36.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	66	72	-8.3%
FUEL OIL (PLATS) CAR CM	1W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	257	1,022	-74.9%	0	0	0.0%	0	0	0.0%	1,840	5,149	-64.3%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	1,715	6,751	-74.6%	0	0	0.0%	0	0	0.0%	22,012	37,840	-41.8%
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%	45	60	-25.0%
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	42	-76.2%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	1	58	-98.3%	0	0	0.0%	0	0	0.0%	66	133	-50.4%
GASOIL 10PPM VS ICE SWAP	TP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	18	32	-43.8%	0	0	0.0%	0	0	0.0%	959	838	14.4%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	105	2,160	-95.1%	0	0	0.0%	0	0	0.0%	10,947	9,846	11.2%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	100	299	-66.6%	0	0	0.0%	0	0	0.0%	2,611	2,823	-7.5%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	36	-1	0	0	0.0%	0	0	0.0%	0	84	-100.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (F	A9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	2,242	4,085	-45.1%	0	0	0.0%	0	0	0.0%	37,827	35,505	6.5%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	1,760	2,579	-31.8%	0	0	0.0%	0	0	0.0%	27,382	20,969	30.6%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	120	605	-80.2%	0	0	0.0%	0	0	0.0%	967	712	35.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	7,425	25,944	-71.4%	0	0	0.0%	0	0	0.0%	84,934	175,403	-51.6%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	6,407	1,079	493.8%	0	0	0.0%	0	0	0.0%	29,013	16,510	75.7%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	8,128	3,510	131.6%	0	0	0.0%	0	0	0.0%	55,433	8,313	566.8%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	51	224	-77.2%	0	0	0.0%	0	0	0.0%	779	3,877	-79.9%
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	233	318	-26.7%	0	0	0.0%	0	0	0.0%	3,403	2,311	47.3%
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	2,450	-94.8%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	-	-	4	-	0	-	-	-	0	-	10	-	-	-	0	-	-
HENRY HUB BASIS SWAP	HB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	NBP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	NN	0	0	0.0%	32	0	0	30,442	33,235	-8.4%	0	0	0.0%	1,274	31	4,009.7%	218,033	266,820	-18.3%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	0	475	-100.0%	0	0	0.0%	0	0	0.0%	2,193	4,950	-55.7%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	46	-100.0%
INDIANA MISO	FTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	1,124	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	116	0	0.0%	0	0	0.0%	0	0	0.0%	428	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	71	54	31.5%	0	0	0.0%	0	0	0.0%	1,006	509	97.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	27	255	-89.4%	0	0	0.0%	0	0	0.0%	1,474	1,158	27.3%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	100	3,332	-97.0%	0	0	0.0%	0	0	0.0%	14,766	11,219	31.6%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	0	355	-100.0%	0	0	0.0%	0	0	0.0%	2,155	4,721	-54.4%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	2,191	1,760	24.5%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	225	-100.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	0	755	-100.0%	0	0	0.0%	0	0	0.0%	3,275	3,220	1.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	93	1,850	-95.0%
LOS ANGELES CARB GASOLIN	MH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	1,685	1,300	29.6%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	15,854	16,530	-4.1%	0	0	0.0%	0	0	0.0%	122,800	150,013	-18.1%
MARS BLEND CRUDE OIL	MB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	229	1,449	-0.84	2,371	12,362	-80.8%	0	0	0.0%	5,846	18,124	-67.7%	43,840	82,736	-47.0%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	84	-1	448	320	40.0%	0	0	0.0%	0	165	-100.0%	3,438	6,486	-47.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	NF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	10	10	0.0%	0	0	0.0%	0	0	0.0%	243	108	125.0%
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%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	80	672	-88.1%	0	0	0.0%	0	0	0.0%	2,814	4,896	-42.5%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	2,029	1,085	87.0%	0	0	0.0%	0	0	0.0%	13,646	5,789	135.7%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	45	105	-0.57	36,256	41,099	-11.8%	0	0	0.0%	310	325	-4.6%	285,717	215,947	32.3%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	1,116	245	355.5%	0	0	0.0%	0	0	0.0%	7,309	3,162	131.2%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	63	125	-0.5	143,330	204,151	-29.8%	0	0	0.0%	230	297	-22.6%	1,311,298	1,421,886	-7.8%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	1,180	3,560	-66.9%	0	0	0.0%	0	0	0.0%	23,154	24,880	-6.9%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	43	0	0	31,379	13,326	135.5%	0	0	0.0%	86	0	0.0%	194,509	114,962	69.2%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	1,989	929	114.1%	0	0	0.0%	0	0	0.0%	11,674	4,450	162.3%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	10	-1	56,683	64,196	-11.7%	0	0	0.0%	0	10	-100.0%	422,940	400,345	5.6%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	992	1,210	-18.0%	0	0	0.0%	0	0	0.0%	11,741	9,711	20.9%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	4	-1	30,984	44,121	-29.8%	0	0	0.0%	0	110	-100.0%	384,426	416,392	-7.7%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	P8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%



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<b>Energy Futures</b>																			
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	590	160	268.8%	0	0	0.0%	0	0	0.0%	6,702	955	601.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NGPL MID-CONTINENT	NL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	PD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NO 2 UP-DOWN SPREAD CALE	UT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS \$	NR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	33	3	10	1,288	673	91.4%	0	0	0.0%	64	24	166.7%	9,289	6,450	44.0%
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	1,570	-100.0%	
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	175	275	-36.4%	0	0	0.0%	0	0	0.0%	1,250	1,549	-19.3%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	610	1,020	-40.2%	0	0	0.0%	0	0	0.0%	15,255	12,869	18.5%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
NYISO CAPACITY	NRS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
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%	
NYISO ZONE J 5MW D AH O P	D4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	AN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	708	0	0.0%	0	0	0.0%	0	0	0.0%	4,288	50	8,476.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PERMIAN BASIS SWAP	PM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	153	109	40.4%	0	0	0.0%	0	0	0.0%	1,094	1,143	-4.3%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	29	32	-9.4%	0	0	0.0%	0	0	0.0%	309	431	-28.3%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	30	2	1,400.0%	0	0	0.0%	0	0	0.0%	208	122	70.5%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	0	0.0%	
PETROCHEMICALS	81	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	424	147	188.4%	
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	576	1,378	-58.2%	0	0	0.0%	0	0	0.0%	6,903	9,564	-27.8%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	171	495	-65.5%	0	0	0.0%	0	0	0.0%	2,325	2,713	-14.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	10	60	-83.3%	0	0	0.0%	0	0	0.0%	430	235	83.0%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	1,400	1,032	35.7%	0	0	0.0%	0	0	0.0%	8,880	5,693	56.0%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	330	347	-4.9%	0	0	0.0%	0	0	0.0%	3,080	2,140	43.9%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	610	480	27.1%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	1,892	-99.2%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	256	473	-45.9%	0	0	0.0%	0	0	0.0%	1,839	2,996	-38.6%
PETROCHEMICALS	PMF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	12	4	200.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	17,351	15,402	12.7%	0	0	0.0%	0	0	0.0%	139,827	162,110	-13.7%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	77	443	-82.6%	0	0	0.0%	0	0	0.0%	2,459	5,125	-52.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	75	300	-75.0%	0	0	0.0%	0	0	0.0%	700	600	16.7%
PETRO CRCKS & SPRDS NA	GCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	370	-59.5%
PETRO CRCKS & SPRDS NA	GCM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	275	880	-68.8%
PETRO CRCKS & SPRDS NA	GFC	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0.0%	1,350	-	-
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	0	850	-100.0%	0	0	0.0%	0	0	0.0%	577	1,600	-63.9%
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	145	-100.0%
PETRO CRCKS & SPRDS NA	NYF	-	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	250	860	-70.9%	0	0	0.0%	0	0	0.0%	5,853	12,052	-51.4%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	904	50	1,708.0%	0	0	0.0%	0	0	0.0%	17,800	11,220	58.6%
PETRO CRCKS & SPRDS NA	SF3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	1,785	383	366.1%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	121	21	476.2%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	590	641	-8.0%
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	5	-100.0%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	641	366	75.1%	0	0	0.0%	0	0	0.0%	3,136	3,987	-21.3%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	0	189	-100.0%	0	0	0.0%	0	0	0.0%	787	573	37.3%
PETRO CRK&SPRD EURO	FVB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	GCB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
PETRO CRK&SPRD EURO	MUD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	17	72	-76.4%	0	0	0.0%	0	0	0.0%	812	276	194.2%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	50	687	-92.7%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	1	100.0%
PETROLEUM PRODUCTS	CMS	0	0	0.0%	0	0	0	20	50	-60.0%	0	0	0.0%	0	0	0.0%	940	370	154.1%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	1,014	654	55.0%	0	0	0.0%	0	0	0.0%	3,843	2,422	58.7%
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	0	125	0	0.0%	0	0	0.0%	0	0	0.0%	350	60	483.3%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	0	1,642	365	349.9%	0	0	0.0%	0	0	0.0%	11,046	1,403	687.3%
PETROLEUM PRODUCTS	MME	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	14	-100.0%
PETROLEUM PRODUCTS	NCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	0	90	15	500.0%	0	0	0.0%	0	0	0.0%	369	314	17.5%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,148	311	269.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	10	10	0.0%	0	0	0.0%	0	0	0.0%	35	10	250.0%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	300	136	120.6%	0	0	0.0%	0	0	0.0%	6,626	1,868	254.7%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	168	-100.0%	0	0	0.0%	0	0	0.0%	0	223	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	36	130	-72.3%	0	0	0.0%	0	0	0.0%	209	781	-73.2%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	9	0.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
PETRO OUTRIGHT EURO	63	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	285	50	470.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	0	32	-100.0%	0	0	0.0%	0	0	0.0%	38	37	2.7%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	33	-100.0%	0	0	0.0%	0	0	0.0%	0	33	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	110	176	-37.5%	0	0	0.0%	0	0	0.0%	1,558	3,255	-52.1%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
PETRO OUTRIGHT EURO	EFF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	90	425	-78.8%	0	0	0.0%	0	0	0.0%	829	1,333	-37.8%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	GNO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	M1B	0	0	0.0%	0	0	0	1,137	1,685	-32.5%	0	0	0.0%	0	0	0.0%	9,091	10,842	-16.2%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	210	-100.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	237	150	58.0%	0	0	0.0%	0	0	0.0%	4,834	3,161	52.9%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	0	332	-100.0%	0	0	0.0%	0	0	0.0%	79	2,221	-96.4%
PETRO OUTRIGHT EURO	MQA	0	-	-	0	-	50	-	-	0	-	-	0	-	-	188	-	-	
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	56	-100.0%
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	1,837	1,812	1.4%	0	0	0.0%	0	0	0.0%	14,455	8,026	80.1%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	760	639	18.9%	0	0	0.0%	0	0	0.0%	8,340	5,770	44.5%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	11	0	0.0%	0	0	0.0%	0	0	0.0%	106	27	292.6%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	5	0.0%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	70	115	-39.1%	0	0	0.0%	0	0	0.0%	961	894	7.5%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	2,215	1,363	62.5%	0	0	0.0%	0	0	0.0%	17,856	13,162	35.7%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	1,588	1,074	47.9%	0	0	0.0%	0	0	0.0%	24,048	8,279	190.5%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	1,200	-100.0%
PETRO OUTRIGHT EURO	SR5	0	-	-	0	-	63	-	-	0	-	-	0	-	-	78	-	-	
PETRO OUTRIGHT EURO	T0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	T2B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	TLB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	UNB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	168	-100.0%	0	0	0.0%	0	0	0.0%	0	168	-100.0%
PETRO OUTRIGHT NA	A8B	0	0	0.0%	0	0	0	125	300	-58.3%	0	0	0.0%	0	0	0.0%	1,905	800	138.1%
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	0	35	0	0.0%	0	0	0.0%	0	0	0.0%	2,830	1,735	63.1%
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	3,925	1,310	199.6%	0	0	0.0%	0	0	0.0%	22,320	13,890	60.7%
PETRO OUTRIGHT NA	DBB	-	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 AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
PETRO OUTRIGHT NA	FCB	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT NA	H5B	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	275	-78.2%	
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	800	700	14.3%	0	0	0.0%	0	0	0.0%	4,110	2,025	103.0%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,061	325	534.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	695	389	78.7%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	35	35	0.0%	0	0	0.0%	0	0	0.0%	573	445	28.8%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	230	707	-67.5%	0	0	0.0%	0	0	0.0%	1,929	3,874	-50.2%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	65	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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 DAYTON DA OFF-PEAK	R7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	D7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CA	4N	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	W6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	L6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	E4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	J4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
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	320	530	-39.6%	0	0	0.0%	0	0	0.0%	7,492	10,264	-27.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	51	0	0.0%	0	0	0.0%	0	0	0.0%	111	5	2,120.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	1,351	2,326	-41.9%	0	0	0.0%	0	0	0.0%	13,156	11,456	14.8%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	9,480	21,545	-56.0%	0	0	0.0%	0	0	0.0%	102,896	134,902	-23.7%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	1,952	6,691	-70.8%	0	0	0.0%	0	0	0.0%	41,130	53,998	-23.8%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	920	765	20.3%	0	0	0.0%	0	0	0.0%	14,082	16,855	-16.5%
RBOB CRACK SPREAD BALMO	1E	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	319	1,825	-82.5%	0	0	0.0%	0	0	0.0%	11,499	5,404	112.8%
RBOB PHY	MRB	0	-	-	1	-	0	0	-	-	0	-	26	-	-	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%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	555	1,105	-49.8%	
SAN JUAN BASIS SWAP	NJ	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	2	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%	
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	8	-84.6%	0	0	0.0%	0	0	0.0%	1,287	1,513	-14.9%	
SINGAPORE FUEL 180CST CAL	UA	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SINGAPORE FUEL OIL 180 CS	GMS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	9	0.0%	0	0	0.0%	0	0	0.0%	39	0	0.0%	
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	201	-51.0%	0	0	0.0%	0	0	0.0%	3,829	2,112	81.3%	
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	10	-44.4%	0	0	0.0%	0	0	0.0%	196	42	366.7%	
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	476	-14.1%	0	0	0.0%	0	0	0.0%	2,779	2,760	0.7%	
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	8	-100.0%	0	0	0.0%	0	0	0.0%	332	93	257.0%	
SINGAPORE GASOIL CALENDAS	MSG	0	0	0.0%	0	0	0	7	-99.4%	0	0	0.0%	0	0	0.0%	1,158	6,840	-83.1%	
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	175	-80.1%	0	0	0.0%	0	0	0.0%	3,140	10,913	-71.2%	
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	3,936	8,183	-51.9%	
SINGAPORE JET KERO BALMO	BX	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	72	-85.3%	0	0	0.0%	0	0	0.0%	3,725	1,390	168.0%	
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	405	1,085	-62.7%	
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	810	310	161.3%	
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	1,260	-100.0%	0	0	0.0%	0	0	0.0%	600	4,244	-85.9%	
Sumas Basis Swap	NK	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	264	105	151.4%	
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	45	-100.0%	0	0	0.0%	0	0	0.0%	195	180	8.3%	
TCO BASIS SWAP	TC	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,185	10,057	-38.5%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
TRANSCO ZONE4 BASIS SWAP	TR	-	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	2,535	-100.0%	0	0	0.0%	
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	5,040	65.0%	0	0	0.0%	0	0	0.0%	52,469	38,834	35.1%	
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	23,182	-50.6%	0	0	0.0%	0	0	0.0%	228,041	265,868	-14.2%	
WAHA BASIS	NW	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WTI-BRENT BULLET SWAP	BY	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	36,633	-26.9%	0	0	0.0%	0	0	0.0%	432,134	331,937	30.2%	
WTI CALENDAR	CS	0	0	0.0%	0	0	0	62,155	26.3%	0	0	0.0%	0	0	0.0%	509,543	422,532	20.6%	

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Futures</b>																			
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	0	2,655	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	3,915	600	552.5%	0	0	0.0%	0	0	0.0%	22,777	30,695	-25.8%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	450	1,110	-59.5%	0	0	0.0%	0	0	0.0%	6,335	5,850	8.3%
<b>Energy Options</b>																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	42	0	0.0%	0	0	0.0%	0	0	0.0%	3,128	2,872	8.9%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	12,000	107,200	-88.8%	0	0	0.0%	0	0	0.0%	101,250	178,450	-43.3%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	0	17,186	-100.0%	0	0	0.0%	0	0	0.0%	90,337	153,142	-41.0%
BRENT OIL LAST DAY	BZO	0	0	0.0%	3,833	3,356	0.14	8,150	12,225	-33.3%	0	0	0.0%	20,988	26,539	-20.9%	130,937	179,680	-27.1%
BRENT OIL LAST DAY	OS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API2 INDEX	F2C	0	0	0.0%	0	0	0	0	160	-100.0%	0	0	0.0%	0	0	0.0%	390	930	-58.1%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	985	-89.8%
CRUDE OIL	6Y	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	0	0	0.0%	502	0	0	42,800	54,375	-21.3%	0	0	0.0%	31,213	42,180	-26.0%	503,845	1,024,850	-50.8%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	24,772	11,828	109.4%	0	0	0.0%	0	0	0.0%	175,811	257,246	-31.7%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL PHY	LC	0	0	0.0%	0	0	0	29,900	5,840	412.0%	0	0	0.0%	0	1,000	-100.0%	302,738	76,376	296.4%
CRUDE OIL PHY	LO	0	0	0.0%	1,783,135	1,963,168	-0.09	473,769	403,695	17.4%	0	0	0.0%	15,978,508	14,671,801	8.9%	4,118,885	4,184,684	-1.6%
CRUDE OIL PHY	LO1	0	0	0.0%	51,375	32,895	0.56	1,000	0	0.0%	0	0	0.0%	258,218	132,915	94.3%	1,975	825	139.4%
CRUDE OIL PHY	LO2	0	0	0.0%	32,717	18,586	0.76	2,500	0	0.0%	0	0	0.0%	186,382	106,168	75.6%	3,025	1,550	95.2%
CRUDE OIL PHY	LO3	0	0	0.0%	20,438	24,907	-0.18	100	0	0.0%	0	0	0.0%	135,059	106,730	26.5%	450	1,050	-57.1%
CRUDE OIL PHY	LO4	0	0	0.0%	36,960	35,626	0.04	0	350	-100.0%	0	0	0.0%	256,521	163,141	57.2%	830	1,650	-49.7%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	41,205	41,730	-1.3%	2,950	0	0.0%
CRUDE OIL PHY	MCO	0	-	-	7,252	-	0	-	-	-	0	-	-	16,087	-	-	0	-	-
CRUDE OIL PHY	MW1	0	-	-	2,695	-	0	-	-	-	0	-	-	3,368	-	-	0	-	-
CRUDE OIL PHY	MW2	0	-	-	2,447	-	0	-	-	-	0	-	-	3,639	-	-	0	-	-
CRUDE OIL PHY	MW3	0	-	-	1,356	-	0	-	-	-	0	-	-	1,514	-	-	0	-	-
CRUDE OIL PHY	MW4	0	-	-	1,990	-	0	-	-	-	0	-	-	5,004	-	-	0	-	-
CRUDE OIL PHY	MW5	0	-	-	0	-	0	-	-	-	0	-	-	1,537	-	-	0	-	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	1,498	2,515	-40.4%	0	0	0.0%	0	0	0.0%	25,885	21,233	21.9%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

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<b>Energy Options</b>																			
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	750	1,530	-51.0%	
HEATING OIL PHY	FZ	0	0	0.0%	0	0	0	1,000	-100.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%	
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	382	1,533	-75.1%	
HEATING OIL PHY	OH	0	0	0.0%	1,881	2,919	-0.36	9,631	4,450	116.4%	0	0	0.0%	19,377	15,542	24.7%	71,197	30,961	130.0%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	2,587	1,741	48.6%	0	0	0.0%	106	40	165.0%	39,453	75,909	-48.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	750	0	0.0%	0	0	0.0%	0	0	0.0%	5,375	0	0.0%
LLS CRUDE OIL	HTO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
LLS CRUDE OIL	WTO	0	0	0.0%	0	0	0	2,400	0	0.0%	0	0	0.0%	0	0	0.0%	3,300	0	0.0%
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	540	-100.0%
MCCLOSKY RCH BAY COAL	MFO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS	LN1	0	-	-	332	-	0	-	-	0	-	-	682	-	-	0	-	-	-
NATURAL GAS	LN2	0	-	-	12	-	0	-	-	0	-	-	660	-	-	50	-	-	-
NATURAL GAS	LN3	0	-	-	10	-	0	-	-	0	-	-	1,072	-	-	0	-	-	-
NATURAL GAS	LN4	0	-	-	0	-	0	-	-	0	-	-	1,516	-	-	0	-	-	-
NATURAL GAS	LN5	0	-	-	0	-	0	-	-	0	-	-	5	-	-	0	-	-	-
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	0	2,400	-1	77,050	63,300	21.7%	0	0	0.0%	5,200	6,650	-21.8%	750,492	358,999	109.1%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	0	13,600	-100.0%	0	0	0.0%	0	0	0.0%	14,100	19,400	-27.3%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	47,450	56,875	-16.6%	0	0	0.0%	800	200	300.0%	307,750	205,106	50.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	0	2,250	-100.0%	0	0	0.0%	0	0	0.0%	46,250	13,400	245.1%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	4,500	12,050	-62.7%	0	0	0.0%	0	0	0.0%	85,400	97,850	-12.7%
NATURAL GAS OPT	JFO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
NATURAL GAS OPT	JKO	0	0	0.0%	0	0	0	0	1,120	-100.0%	0	0	0.0%	0	0	0.0%	5,400	14,770	-63.4%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0	0	0	9,700	-100.0%	0	0	0.0%	0	0	0.0%	700	152,820	-99.5%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	12,700	-100.0%	0	0	0.0%	0	0	0.0%	600	60,220	-99.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	0	0	1,250	1,250	0.0%	0	0	0.0%	0	0	0.0%	11,580	16,775	-31.0%
NATURAL GAS PHY	LN	0	0	0.0%	874,050	1,757,940	-0.5	836,973	1,083,156	-22.7%	0	0	0.0%	7,639,096	9,588,180	-20.3%	9,065,451	6,865,340	32.0%
NATURAL GAS PHY	ON	0	0	0.0%	57,956	91,225	-0.36	3,859	2,674	44.3%	0	0	0.0%	676,151	636,256	6.3%	52,659	31,461	67.4%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	6I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	ZR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	380	29	12.1	3,079	1,023	201.0%	0	0	0.0%	1,330	589	125.8%	16,061	6,565	144.6%
PETROCHEMICALS	4H	0	0	0.0%	1	0	0	0	2,381	-100.0%	0	0	0.0%	12	60	-80.0%	3,152	8,342	-62.2%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Energy Options</b>																			
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	715	-100.0%	
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	180	-100.0%	
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT NA	1N5	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	375	1,110	-66.2%	
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
RBOB 1MO CAL SPD OPTIONS	ZA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	2,550	-	-	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	160	0.0%	0	0	0.0%	0	0	0.0%	3,557	1,155	208.0%	
RBOB PHY	OB	0	0	0.0%	883	2,009	-0.56	4,995	-48.8%	0	0	0.0%	8,399	18,182	-53.8%	22,670	45,127	-49.8%	
RBOB PHY	RF	0	0	0.0%	0	0	0	140	366.7%	0	0	0.0%	0	0	0.0%	1,400	480	191.7%	
SAN JUAN PIPE SWAP	PJ	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SHORT TERM	U11	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	50	500.0%	
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	100	450.0%	
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	200	-50.0%	
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	0	0.0%	
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%	
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%	
SHORT TERM	U23	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM	U25	0	0	0.0%	0	0	0	200	0.0%	0	0	0.0%	0	0	0.0%	400	300	33.3%	
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	75	166.7%	
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	250	225	11.1%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	350	-100.0%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	550	1,000.0%	0	0	0.0%	0	0	0.0%	950	350	171.4%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	500	200	150.0%	
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	800	-31.3%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	925	325	184.6%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	50	300.0%	
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%	
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%	
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%	

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

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
<b>Energy Options</b>																		
SHORT TERM NATURAL GAS U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS U18	0	0	0.0%	0	0	0	50	100	-50.0%	0	0	0.0%	0	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	550	0	0.0%
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	250	0	0.0%
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	950	200	375.0%
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
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	100	0.0%
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	50	-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%	100	250	-60.0%
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%
WTI-BRENT BULLET SWAP BV	0	0	0.0%	175	0	0	26,600	7,850	238.9%	0	0	0.0%	8,145	7,100	14.7%	297,350	193,350	53.8%
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	50	-1	42,500	60,350	-29.6%	0	0	0.0%	271	950	-71.5%	460,129	623,220	-26.2%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	0	0.0%	3,359,403	3,835,414	-0.12	78,407	75,279	4.2%	0	0	0.0%	36,146,333	40,363,812	-10.4%	912,266	851,772	7.1%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	6,322	2,377	1.66	14,747	12,573	17.3%	0	0	0.0%	39,462	33,576	17.5%	139,753	128,490	8.8%
NYMEX PLATINUM	PL	0	0	0.0%	364,557	295,245	0.23	9,429	7,285	29.4%	0	0	0.0%	3,150,602	2,769,429	13.8%	78,596	71,938	9.3%
PALLADIUM	PA	0	0	0.0%	54,757	68,955	-0.21	733	2,941	-75.1%	0	0	0.0%	363,915	372,362	-2.3%	13,238	18,459	-28.3%
URANIUM	UX	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	24	465	-94.8%	0	640	-100.0%
COMEX SILVER	SI	0	0	0.0%	1,546,596	1,664,002	-0.07	24,278	29,709	-18.3%	0	0	0.0%	11,201,632	14,201,509	-21.1%	196,791	251,099	-21.6%
COMEX E-Mini GOLD	QO	0	0	0.0%	22,372	18,653	0.2	0	0	0.0%	0	0	0.0%	237,972	179,414	32.6%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	3,505	3,528	-0.01	0	0	0.0%	0	0	0.0%	30,734	52,229	-41.2%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	2,098,957	2,077,481	0.01	18,933	31,441	-39.8%	0	0	0.0%	14,046,828	18,081,566	-22.3%	150,057	167,474	-10.4%
COMEX MINY COPPER	QC	0	0	0.0%	3,792	5,514	-0.31	0	0	0.0%	0	0	0.0%	29,098	34,020	-14.5%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	174	-100.0%
ALUMINUM	AEP	0	0	0.0%	0	17	-1	3,445	707	387.3%	0	0	0.0%	15	17	-11.8%	15,460	24,380	-36.6%
ALUMINUM	ALA	0	0	0.0%	0	0	0	30	240	-87.5%	0	0	0.0%	0	0	0.0%	1,775	3,320	-46.5%
ALUMINUM	ALI	0	0	0.0%	41,839	22,479	0.86	0	0	0.0%	0	0	0.0%	213,042	85,093	150.4%	34	20	70.0%
ALUMINUM	AUP	0	0	0.0%	89	329	-0.73	11,250	4,771	135.8%	0	0	0.0%	2,538	4,724	-46.3%	52,406	45,099	16.2%
ALUMINUM	CUP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	6,665	1,395	377.8%	0	0	0.0%	59	75	-21.3%	38,531	24,288	58.6%
ALUMINUM	MJP	0	0	0.0%	0	0	0	300	240	25.0%	0	0	0.0%	0	0	0.0%	2,740	2,090	31.1%
COBALT METAL FUTURES	COB	0	0	0.0%	1	0	0	610	137	345.3%	0	0	0.0%	14	12	16.7%	7,036	2,732	157.5%
COPPER	HGS	0	0	0.0%	0	0	0	1,966	2,084	-5.7%	0	0	0.0%	0	0	0.0%	14,438	21,123	-31.6%
COPPER	MHG	0	-	-	71,907	-	0	-	-	-	0	-	-	279,043	-	-	0	-	-
FERROUS PRODUCTS	BUS	0	0	0.0%	404	327	0.24	1,645	875	88.0%	0	0	0.0%	3,484	6,214	-43.9%	16,981	5,896	188.0%
GOLD	4GC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	116	-100.0%	0	0	0.0%
GOLD	SGC	0	0	0.0%	1,071	2,185	-0.51	0	0	0.0%	0	0	0.0%	6,902	11,164	-38.2%	0	0	0.0%
GOLD	SGU	0	0	0.0%	2,649	7,463	-0.65	0	0	0.0%	0	0	0.0%	49,384	31,677	55.9%	542	0	0.0%
HOT ROLLED COIL STEEL FUTL	EHR	0	0	0.0%	896	116	6.72	5,100	630	709.5%	0	0	0.0%	5,182	1,207	329.3%	19,225	8,045	139.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	TIO	0	0	0.0%	0	2	-1	2,203	1,121	96.5%	0	0	0.0%	0	16	-100.0%	11,663	7,762	50.3%
METALS	HDG	0	0	0.0%	0	0	0	45	0	0.0%	0	0	0.0%	51	0	0.0%	441	43	925.6%
METALS	LTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
METALS	PAC	0	-	-	0	-	0	-	-	-	0	-	0	-	-	-	1,300	-	-
MICRO GOLD	MGC	0	0	0.0%	922,779	1,040,838	-0.11	0	0	0.0%	0	0	0.0%	8,691,382	9,913,227	-12.3%	0	0	0.0%
SILVER	SIL	0	0	0.0%	142,533	152,257	-0.06	0	0	0.0%	0	0	0.0%	1,276,723	1,739,956	-26.6%	0	0	0.0%

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

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<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	2,250	-100.0%	
COMEX COPPER	HX	0	0	0.0%	60,005	38,449	0.56	37,927	17,051	122.4%	0	0	0.0%	464,512	330,676	40.5%	183,518	219,257	-16.3%
COMEX GOLD	OG	0	0	0.0%	519,822	510,716	0.02	77,054	55,198	39.6%	0	0	0.0%	5,865,524	4,682,737	25.3%	928,000	983,559	-5.6%
COMEX SILVER	SO	0	0	0.0%	75,629	91,720	-0.18	8,450	11,824	-28.5%	0	0	0.0%	772,167	1,163,477	-33.6%	63,128	166,738	-62.1%
COPPER	H1E	0	0	0.0%	354	11	31.18	0	0	0.0%	0	0	0.0%	1,312	44	2,881.8%	0	0	0.0%
COPPER	H1M	0	-	-	0	-	-	0	-	-	0	-	277	-	-	0	-	-	
COPPER	H1W	0	-	-	346	-	-	0	-	-	0	-	940	-	-	0	-	-	
COPPER	H2E	0	0	0.0%	116	0	0	0	0.0%	0	0	0.0%	1,839	41	4,385.4%	0	0	0.0%	
COPPER	H2M	0	-	-	145	-	-	0	-	-	0	-	516	-	-	0	-	-	
COPPER	H2W	0	-	-	56	-	-	0	-	-	0	-	285	-	-	0	-	-	
COPPER	H3E	0	0	0.0%	90	0	0	0	0.0%	0	0	0.0%	977	23	4,147.8%	800	0	0.0%	
COPPER	H3M	0	-	-	55	-	-	0	-	-	0	-	579	-	-	0	-	-	
COPPER	H3W	0	-	-	44	-	-	0	-	-	0	-	219	-	-	0	-	-	
COPPER	H4E	0	0	0.0%	208	32	5.5	0	80	-100.0%	0	0	0.0%	1,930	57	3,286.0%	0	80	-100.0%
COPPER	H4M	0	-	-	131	-	-	0	-	-	0	-	302	-	-	0	-	-	
COPPER	H4W	0	-	-	45	-	-	0	-	-	0	-	250	-	-	0	-	-	
COPPER	H5E	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	179	2	8,850.0%	300	0	0.0%	
COPPER	H5M	0	-	-	219	-	-	0	-	-	0	-	219	-	-	0	-	-	
COPPER	H5W	0	-	-	536	-	-	0	-	-	0	-	713	-	-	0	-	-	
GOLD	G1M	0	-	-	774	-	-	0	-	-	0	-	10,410	-	-	0	-	-	
GOLD	G1W	0	-	-	7,490	-	-	300	-	-	0	-	21,699	-	-	500	-	-	
GOLD	G2M	0	-	-	5,518	-	-	0	-	-	0	-	19,944	-	-	1,250	-	-	
GOLD	G2W	0	-	-	5,509	-	-	350	-	-	0	-	16,379	-	-	850	-	-	
GOLD	G3M	0	-	-	4,273	-	-	0	-	-	0	-	10,807	-	-	0	-	-	
GOLD	G3W	0	-	-	4,488	-	-	0	-	-	0	-	21,568	-	-	925	-	-	
GOLD	G4M	0	-	-	3,036	-	-	0	-	-	0	-	9,092	-	-	0	-	-	
GOLD	G4W	0	-	-	4,872	-	-	0	-	-	0	-	16,032	-	-	100	-	-	
GOLD	G5M	0	-	-	4,645	-	-	0	-	-	0	-	4,645	-	-	0	-	-	
GOLD	G5W	0	-	-	5,865	-	-	200	-	-	0	-	13,056	-	-	950	-	-	
GOLD	OG1	0	0	0.0%	49,181	51,574	-0.05	750	1,690	-55.6%	0	0	0.0%	370,778	335,104	10.6%	14,490	21,792	-33.5%
GOLD	OG2	0	0	0.0%	33,866	39,504	-0.14	2,900	725	300.0%	0	0	0.0%	369,152	327,234	12.8%	14,898	17,799	-16.3%
GOLD	OG3	0	0	0.0%	31,576	35,196	-0.1	1,300	2,492	-47.8%	0	0	0.0%	374,175	319,875	17.0%	13,861	17,283	-19.8%
GOLD	OG4	0	0	0.0%	21,560	21,242	0.01	500	300	66.7%	0	0	0.0%	308,866	204,798	50.8%	6,015	4,597	30.8%
GOLD	OG5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	77,341	85,872	-9.9%	860	3,866	-77.8%	

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

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG	
<b>Metals Options</b>																			
HOT ROLLED COIL STEEL CALL	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	HRO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
IRON ORE 62 CHINA TSI CALL C	ICT	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
IRON ORE 62 CHINA TSI PUT O	ICT	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
IRON ORE CHINA	ICT	0	0	0.0%	0	0	300	1,680	-82.1%	0	0	0.0%	0	0	0.0%	300	5,808	-94.8%	
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	0	0	900	300	200.0%	0	0	0.0%	0	0	0.0%	12,350	1,905	548.3%	
NYMEX PLATINUM	PO	0	0	0.0%	250	270	-0.07	3,350	3,020	10.9%	0	0	0.0%	4,052	4,028	0.6%	39,935	20,221	97.5%
PALLADIUM	PAO	0	0	0.0%	12	12	0	0	325	-100.0%	0	0	0.0%	123	666	-81.5%	0	4,410	-100.0%
SILVER	M1S	0	-	-	19	-	0	-	-	0	-	-	687	-	-	0	-	-	
SILVER	M2S	0	-	-	364	-	0	-	-	0	-	-	1,518	-	-	0	-	-	
SILVER	M3S	0	-	-	276	-	0	-	-	0	-	-	843	-	-	0	-	-	
SILVER	M4S	0	-	-	251	-	0	-	-	0	-	-	756	-	-	0	-	-	
SILVER	M5S	0	-	-	202	-	0	-	-	0	-	-	202	-	-	0	-	-	
SILVER	SO1	0	0	0.0%	4,923	5,060	-0.03	0	150	-100.0%	0	0	0.0%	35,268	21,735	62.3%	1,725	3,011	-42.7%
SILVER	SO2	0	0	0.0%	3,720	4,212	-0.12	0	201	-100.0%	0	0	0.0%	38,244	22,677	68.6%	2,755	2,573	7.1%
SILVER	SO3	0	0	0.0%	3,071	3,308	-0.07	0	250	-100.0%	0	0	0.0%	28,699	18,315	56.7%	985	3,125	-68.5%
SILVER	SO4	0	0	0.0%	4,591	2,191	1.1	0	0	0.0%	0	0	0.0%	26,522	11,839	124.0%	590	847	-30.3%
SILVER	SO5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	5,475	5,046	8.5%	0	795	-100.0%	
SILVER	W1S	0	-	-	309	-	0	-	-	0	-	-	1,244	-	-	0	-	-	
SILVER	W2S	0	-	-	190	-	0	-	-	0	-	-	892	-	-	0	-	-	
SILVER	W3S	0	-	-	234	-	0	-	-	0	-	-	810	-	-	200	-	-	
SILVER	W4S	0	-	-	100	-	0	-	-	0	-	-	548	-	-	0	-	-	
SILVER	W5S	0	-	-	434	-	0	-	-	0	-	-	756	-	-	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	2	-100.0%	0	0	0.0%
Energy Futures		0	0	0.0%	34,895,081	39,019,982	-10.6%	1,701,486	2,151,761	-20.9%	0	0	0.0%	297,486,823	302,343,482	-1.6%	15,668,821	15,925,315	-1.6%
Metals Futures		0	0	0.0%	8,644,429	9,197,182	-6.0%	179,786	171,548	4.8%	0	0	0.0%	75,774,419	87,881,880	-13.8%	1,673,273	1,634,849	2.4%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>43,539,510</b>	<b>48,217,164</b>	<b>-9.7%</b>	<b>1,881,272</b>	<b>2,323,309</b>	<b>-19.0%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>373,261,242</b>	<b>390,225,364</b>	<b>-4.3%</b>	<b>17,342,094</b>	<b>17,560,164</b>	<b>-1.2%</b>



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

Commodity Indicator	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	CME ClearPort AUG 2022	CME ClearPort AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG	CME ClearPort Y.T.D 2022	CME ClearPort Y.T.D 2021	% CHG
<b>TOTAL OPTIONS GROUP</b>																		
Energy Options	0	0	0.0%	2,880,380	3,935,110	-26.8%	1,661,255	1,963,619	-15.4%	0	0	0.0%	25,302,065	25,565,953	-1.0%	16,740,524	14,918,081	12.2%
Metals Options	0	0	0.0%	859,400	803,497	7.0%	134,281	95,286	40.9%	0	0	0.0%	8,903,323	7,534,246	18.2%	1,289,285	1,479,916	-12.9%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>3,739,780</b>	<b>4,738,607</b>	<b>-21.1%</b>	<b>1,795,536</b>	<b>2,058,905</b>	<b>-12.8%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>34,205,388</b>	<b>33,100,199</b>	<b>3.3%</b>	<b>18,029,809</b>	<b>16,397,997</b>	<b>10.0%</b>
<b>TOTAL COMBINED</b>																		
Ag Products	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
Energy	0	0	0.0%	37,775,461	42,955,092	-12.1%	3,362,741	4,115,380	-18.3%	0	0	0.0%	322,788,888	327,909,435	-1.6%	32,409,345	30,843,396	5.1%
Metals	0	0	0.0%	9,503,829	10,000,679	-5.0%	314,067	266,834	17.7%	0	0	0.0%	84,677,742	95,416,126	-11.3%	2,962,558	3,114,765	-4.9%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>47,279,290</b>	<b>52,955,771</b>	<b>-10.7%</b>	<b>3,676,808</b>	<b>4,382,214</b>	<b>-16.1%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>407,466,630</b>	<b>423,325,563</b>	<b>-3.7%</b>	<b>35,371,903</b>	<b>33,958,161</b>	<b>4.2%</b>

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