

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

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	2	-100.0%	0	0	0.0%	
COTTON	TT	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SUGAR 11	YO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
<b>Energy Futures</b>																			
CRUDE OIL PHY	CL	0	0	0.0%	13,765,712	18,478,849	-0.26	306,126	333,998	-8.3%	0	0	0.0%	79,709,247	84,266,193	-5.4%	1,704,608	1,613,843	5.6%
CRUDE OIL	WS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,232	-100.0%	
MINY WTI CRUDE OIL	QM	0	0	0.0%	537,340	439,802	0.22	0	0	0.0%	0	0	0.0%	2,721,526	1,593,997	70.7%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	990,416	1,954,328	-0.49	35,814	15,135	136.6%	0	0	0.0%	6,788,138	8,991,917	-24.5%	149,356	84,615	76.5%
HEATING OIL PHY	HO	0	0	0.0%	2,397,109	2,384,542	0.01	75,066	126,059	-40.5%	0	0	0.0%	14,144,440	12,110,818	16.8%	570,387	747,690	-23.7%
HTG OIL	BH	0	0	0.0%	0	0	0	36	60	-40.0%	0	0	0.0%	0	0	0.0%	36	60	-40.0%
MINY HTG OIL	QH	0	0	0.0%	12	9	0.33	0	0	0.0%	0	0	0.0%	33	28	17.9%	0	0	0.0%
RBOB PHY	RB	0	0	0.0%	3,014,705	3,565,329	-0.15	141,432	167,867	-15.7%	0	0	0.0%	14,826,497	15,431,276	-3.9%	725,772	757,067	-4.1%
MINY RBOB GAS	QU	0	0	0.0%	12	13	-0.08	0	0	0.0%	0	0	0.0%	38	36	5.6%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	60,702	28,261	1.15	162,360	55,440	192.9%	0	0	0.0%	202,575	158,412	27.9%	577,258	302,577	90.8%
LTD NAT GAS	HH	0	0	0.0%	300,709	174,081	0.73	125,565	78,473	60.0%	0	0	0.0%	1,033,768	804,866	28.4%	420,658	281,610	49.4%
MINY NATURAL GAS	QG	0	0	0.0%	483,192	65,886	6.33	0	0	0.0%	0	0	0.0%	1,104,496	478,223	131.0%	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%	8,783,737	6,757,545	0.3	147,260	102,839	43.2%	0	0	0.0%	32,019,538	31,868,884	0.5%	678,824	574,422	18.2%
RBOB GAS	RT	0	0	0.0%	0	0	0	24	60	-60.0%	0	0	0.0%	0	0	0.0%	24	60	-60.0%
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	10,630	12,500	-15.0%	0	0	0.0%	0	0	0.0%	17,150	31,400	-45.4%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	5,002	4,886	2.4%	0	0	0.0%	0	0	0.0%	21,997	23,424	-6.1%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	2,035	1,101	84.8%	0	0	0.0%	0	0	0.0%	9,043	8,454	7.0%
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	0	0.0%	0	0	0.0%	0	0	0.0%	1,487	600	147.8%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	10,254	9,750	5.2%	0	0	0.0%	0	0	0.0%	72,818	30,152	141.5%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	1,000	-100.0%	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%	0	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%	784	70	10.2	355	10	3,450.0%	0	0	0.0%	3,384	124	2,629.0%	6,567	70	9,281.4%
CAR VINTAGE	NGO	0	-	-	2,096	-	-	3,440	-	-	0	-	10,075	-	-	34,423	-	-	
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	10	18	-0.44	54,971	76,190	-27.9%	0	0	0.0%	892	625	42.7%	236,082	312,222	-24.4%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	790	265	198.1%	0	0	0.0%	0	0	0.0%	2,933	2,387	22.9%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	425	-100.0%
CIG BASIS	CI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	H5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	H4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	481	225	113.8%	0	0	0.0%	0	0	0.0%	916	647	41.6%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	595	154	286.4%	0	0	0.0%	0	0	0.0%	1,197	497	140.8%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	18,243	13,655	33.6%	0	0	0.0%	0	24	-100.0%	57,073	46,700	22.2%
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	229	280	-18.2%	0	0	0.0%	0	0	0.0%	1,354	1,664	-18.6%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	709	381	86.1%	0	0	0.0%	0	0	0.0%	4,909	1,460	236.2%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	240	2,370	-89.9%	0	0	0.0%	0	0	0.0%	1,461	7,089	-79.4%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	0	1,794	-100.0%	0	0	0.0%	0	0	0.0%	900	6,989	-87.1%
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%	0	2,190	-100.0%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	80,895	58,605	38.0%	0	0	0.0%	0	0	0.0%	277,540	251,474	10.4%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	380	315	20.6%	0	0	0.0%	0	0	0.0%	3,050	5,115	-40.4%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	1,865	4,455	-58.1%	0	0	0.0%	0	0	0.0%	11,925	21,957	-45.7%
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	1,875	-1	0	161	-100.0%	0	0	0.0%	0	13,209	-100.0%	0	2,353	-100.0%
CRUDE OIL PHY	MCL	0	-	-	2,450,132	-	-	0	-	-	0	-	10,965,225	-	-	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	1,005	0	0.0%	0	0	0.0%	0	0	0.0%	1,005	817	23.0%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%	0	0	0.0%	3,255	4,800	-32.2%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	43,542	11,672	273.0%	0	0	0.0%	0	0	0.0%	194,068	118,012	64.4%
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	660	236.4%	
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	5	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%	236	72,358	-1	888	-81.4%	0	0	0.0%	10,153	204,547	-95.0%	3,519	16,419	-78.6%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	78	997	-92.2%	0	0	0.0%	0	0	0.0%	456	2,568	-82.2%	
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	-	-	1,051	-	0	-	-	0	-	-	1,211	-	-	0	-	-	
ETHANOL	MTH	0	0	0.0%	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	10	10	0.0%	
ETHANOL SWAP	MT2	0	0	0.0%	0	0	150	60	150.0%	0	0	0.0%	0	0	0.0%	1,115	398	180.2%	
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	1,814	4,095	-55.7%	0	0	0.0%	0	0	0.0%	12,561	15,510	-19.0%	
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	0	0.0%	
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	130	0	0.0%	0	0	0.0%	0	0	0.0%	1,115	803	38.9%	
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12	-100.0%	
EUROPE 1% FUEL OIL RDAM C	UH	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	

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<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	0	0.0%	
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	1	-100.0%	0	0	0.0%	0	0	0.0%	546	216	152.8%	
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	472	10	46.2	1,207	0.0%	0	0	0.0%	832	146	469.9%	6,593	4,118	60.1%	
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	35	337.5%	0	0	0.0%	0	0	0.0%	120	16	650.0%	
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	961	704	36.5%	0	0	0.0%	0	0	0.0%	11,970	2,839	321.6%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	324	393	-17.6%	0	0	0.0%	0	0	0.0%	3,370	1,955	72.4%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,310	1,298	0.9%	0	0	0.0%	0	0	0.0%	7,582	6,486	16.9%
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	9	-100.0%	0	0	0.0%	0	0	0.0%	0	104	-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	-	-	-
FREIGHT MARKETS	CS4	0	-	-	0	-	0	0	-	-	0	-	0	-	-	120	-	-	
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	33	66	-50.0%	0	0	0.0%	0	0	0.0%	178	486	-63.4%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	70	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	708	155	356.8%
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	-	-	-
FREIGHT MARKETS	TC6	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
FREIGHT MARKETS	TD3	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
FREIGHT MARKETS	USC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	165	0	0.0%	0	0	0.0%	0	0	0.0%	1,081	1,288	-16.1%
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	0	0.0%
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	212	256	-17.2%	0	0	0.0%	0	0	0.0%	1,059	2,249	-52.9%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	1,482	1,224	21.1%	0	0	0.0%	0	0	0.0%	15,129	19,872	-23.9%
GASOIL 0.1CIF MED VS ICE	Z5	0	-	-	0	-	0	0	-	-	0	-	0	-	-	45	-	-	
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	30	-66.7%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	5	5	0.0%	0	0	0.0%	0	0	0.0%	50	50	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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 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	5	200	-97.5%	0	0	0.0%	0	0	0.0%	926	609	52.1%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	1,098	0	0.0%	0	0	0.0%	0	0	0.0%	10,112	3,735	170.7%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	165	425	-61.2%	0	0	0.0%	0	0	0.0%	1,801	1,648	9.3%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	48	-100.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (F	A9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	7,175	4,315	66.3%	0	0	0.0%	0	0	0.0%	27,735	19,940	39.1%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	4,910	760	546.1%	0	0	0.0%	0	0	0.0%	18,240	11,470	59.0%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	650	0	0.0%
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	5,919	22,267	-73.4%	0	0	0.0%	0	0	0.0%	59,187	93,366	-36.6%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	4,893	1,397	250.3%	0	0	0.0%	0	0	0.0%	14,165	11,161	26.9%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	4,385	0	0.0%	0	0	0.0%	0	0	0.0%	30,530	0	0.0%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	70	940	-92.6%	0	0	0.0%	0	0	0.0%	368	2,433	-84.9%
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	15	0	0.0%	0	0	0.0%	0	0	0.0%	1,509	1,201	25.6%
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%	0	2,450	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%	272	31	7.77	21,340	31,102	-31.4%	0	0	0.0%	1,236	31	3,887.1%	120,330	99,938	20.4%
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	135	756	-82.1%	0	0	0.0%	0	0	0.0%	2,085	3,407	-38.8%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0	0	0	20	-100.0%	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	355	-100.0%	0	0	0.0%	0	0	0.0%	0	890	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	97	97	0.0%	0	0	0.0%	0	0	0.0%	524	273	91.9%
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%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	34	117	-70.9%	0	0	0.0%	0	0	0.0%	945	511	84.9%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	1,035	1,100	-5.9%	0	0	0.0%	0	0	0.0%	10,998	3,587	206.6%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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>																			
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	290	389	-25.4%	0	0	0.0%	0	0	0.0%	1,593	1,667	-4.4%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	282	50	464.0%	0	0	0.0%	0	0	0.0%	2,113	695	204.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	575	200	187.5%	0	0	0.0%	0	0	0.0%	2,625	1,185	121.5%
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%	
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	0	360	-100.0%	0	0	0.0%	0	0	0.0%	93	970	-90.4%
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	0	150	-100.0%	0	0	0.0%	0	0	0.0%	1,460	1,300	12.3%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	12,100	20,470	-40.9%	0	0	0.0%	0	0	0.0%	61,638	77,793	-20.8%
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%	753	1,983	-0.62	4,568	6,590	-30.7%	0	0	0.0%	3,424	12,391	-72.4%	26,674	47,459	-43.8%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	466	641	-27.3%	0	0	0.0%	0	30	-100.0%	2,043	3,775	-45.9%
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	5	45	-88.9%	0	0	0.0%	0	0	0.0%	208	75	177.3%
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%	0	161	-100.0%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	760	811	-6.3%	0	0	0.0%	0	0	0.0%	1,991	2,748	-27.5%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
MNC FUT	MNC	0	0	0.0%	0	0	0	1,216	525	131.6%	0	0	0.0%	0	0	0.0%	6,816	1,634	317.1%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	30	30	0	28,605	22,822	25.3%	0	0	0.0%	145	115	26.1%	129,823	98,995	31.1%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	475	145	227.6%	0	0	0.0%	0	0	0.0%	3,443	1,600	115.2%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	23	0	0	155,516	172,869	-10.0%	0	0	0.0%	58	36	61.1%	725,416	724,132	0.2%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	4,120	5,656	-27.2%	0	0	0.0%	0	0	0.0%	16,894	16,581	1.9%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	19,692	7,619	158.5%	0	0	0.0%	0	0	0.0%	79,267	53,594	47.9%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	1,723	475	262.7%	0	0	0.0%	0	0	0.0%	4,378	2,191	99.8%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	46,919	39,106	20.0%	0	0	0.0%	0	0	0.0%	200,406	180,001	11.3%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,216	776	56.7%	0	0	0.0%	0	0	0.0%	7,465	5,616	32.9%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	7	-1	41,645	30,448	36.8%	0	0	0.0%	0	48	-100.0%	196,311	213,761	-8.2%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	527	350	50.6%	0	0	0.0%	0	0	0.0%	2,987	685	336.1%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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>																			
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	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	0.0%
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	0.0%
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	0.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	4	0	0	1,662	776	114.2%	0	0	0.0%	15	16	-6.3%	4,390	4,260	3.1%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	300	-100.0%	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	200	225	-11.1%	0	0	0.0%	0	0	0.0%	600	774	-22.5%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	3,924	2,820	39.1%	0	0	0.0%	0	0	0.0%	10,938	8,042	36.0%
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	D4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	AN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,441	50	2,782.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	96	152	-36.8%	0	0	0.0%	0	0	0.0%	613	609	0.7%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	55	26	111.5%	0	0	0.0%	0	0	0.0%	199	295	-32.5%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	4	27	-85.2%	0	0	0.0%	0	0	0.0%	85	52	63.5%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	364	0	0.0%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	839	2,230	-62.4%	0	0	0.0%	0	0	0.0%	4,925	5,547	-11.2%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	295	472	-37.5%	0	0	0.0%	0	0	0.0%	1,419	1,554	-8.7%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	110	0	0.0%	0	0	0.0%	0	0	0.0%	350	100	250.0%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	1,060	430	146.5%	0	0	0.0%	0	0	0.0%	4,500	2,240	100.9%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	MAS	0	0	0.0%	0	0	0	245	178	37.6%	0	0	0.0%	0	0	0.0%	1,610	668	141.0%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	280	180	55.6%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	0	53	-100.0%	0	0	0.0%	0	0	0.0%	15	452	-96.7%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	224	332	-32.5%	0	0	0.0%	0	0	0.0%	927	1,218	-23.9%
PETROCHEMICALS	PMF	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	12	-	-
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	10,439	20,275	-48.5%	0	0	0.0%	0	0	0.0%	71,001	97,180	-26.9%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	263	683	-61.5%	0	0	0.0%	0	0	0.0%	1,804	3,447	-47.7%
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	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
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	20	-100.0%	0	0	0.0%	0	0	0.0%	0	370	-100.0%
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	0	0.0%	0	0	0.0%	0	0	0.0%	275	580	-52.6%
PETRO CRCKS & SPRDS NA	GFC	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	1,350	-	-
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	205	0	0.0%	0	0	0.0%	0	0	0.0%	417	350	19.1%
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	19	-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	650	1,201	-45.9%	0	0	0.0%	0	0	0.0%	4,351	6,155	-29.3%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	235	1,495	-84.3%	0	0	0.0%	0	0	0.0%	12,506	7,291	71.5%
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	300	0	0.0%	0	0	0.0%	0	0	0.0%	1,605	48	3,243.8%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	121	9	1,244.4%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	15	5	200.0%	0	0	0.0%	0	0	0.0%	575	317	81.4%
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	262	457	-42.7%	0	0	0.0%	0	0	0.0%	1,598	1,992	-19.8%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	787	180	337.2%
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	0	0.0%
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%

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

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	NOB	0	0	0.0%	0	0	0	9	-100.0%	0	0	0.0%	0	0	0.0%	547	64	754.7%	
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0	0	210	-100.0%	0	0	0.0%	0	0	0.0%	0	420	-100.0%	
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0	0	3	-100.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%	
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0	0	1	-100.0%	0	0	0.0%	0	0	0.0%	2	1	100.0%	
PETROLEUM PRODUCTS	CMS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	610	110	454.5%	
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,893	250	657.2%	
PETROLEUM PRODUCTS	H5F	0	0	0.0%	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%	
PETROLEUM PRODUCTS	JCC	0	0	0.0%	0	0	2,071	436	375.0%	0	0	0.0%	0	0	0.0%	5,851	496	1,079.6%	
PETROLEUM PRODUCTS	MME	-	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	14	-100.0%	
PETROLEUM PRODUCTS	NCC	-	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%	
PETROLEUM PRODUCTS	R5F	0	0	0.0%	0	0	32	13	146.2%	0	0	0.0%	0	0	0.0%	168	139	20.9%	
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	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%	
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	500	30	1,566.7%	0	0	0.0%	0	0	0.0%	848	311	172.7%	
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	823	200	311.5%	0	0	0.0%	0	0	0.0%	4,332	520	733.1%	
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT EURO	0C	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	51	111	-54.1%	0	0	0.0%	0	0	0.0%	125	349	-64.2%	
PETRO OUTRIGHT EURO	0E	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	9	0	0.0%	0	0	0.0%	0	0	0.0%	9	9	0.0%	
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT EURO	5L	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT EURO	63	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	285	0	0.0%	
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	21	5	320.0%	
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
PETRO OUTRIGHT EURO	CGB	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	70	495	-85.9%	0	0	0.0%	0	0	0.0%	934	2,632	-64.5%	
PETRO OUTRIGHT EURO	EFF	-	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	12	-100.0%	

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## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	ENS	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	0	0.0%	0	0	0.0%	0	0	0.0%	429	317	35.3%	
PETRO OUTRIGHT EURO	FLB	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%	
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%	
PETRO OUTRIGHT EURO	JFB	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	1,071	902	18.7%	0	0	0.0%	0	0	0.0%	4,817	4,356	10.6%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	402	230	74.8%	0	0	0.0%	0	0	0.0%	2,937	2,206	33.1%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	1	180	-99.4%	0	0	0.0%	0	0	0.0%	49	1,270	-96.1%
PETRO OUTRIGHT EURO	MQA	0	-	-	0	-	0	0	-	-	0	-	0	-	-	138	-	-	
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	46	-100.0%
PETRO OUTRIGHT EURO	R5M	0	0	0.0%	0	0	0	1,518	716	112.0%	0	0	0.0%	0	0	0.0%	8,480	2,301	268.5%
PETRO OUTRIGHT EURO	R5O	0	0	0.0%	0	0	0	816	981	-16.8%	0	0	0.0%	0	0	0.0%	5,952	3,320	79.3%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	51	0	0.0%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	S5F	0	0	0.0%	0	0	0	56	56	0.0%	0	0	0.0%	0	0	0.0%	556	483	15.1%
PETRO OUTRIGHT EURO	S5M	0	0	0.0%	0	0	0	1,743	1,295	34.6%	0	0	0.0%	0	0	0.0%	10,649	6,585	61.7%
PETRO OUTRIGHT EURO	S5O	0	0	0.0%	0	0	0	2,664	898	196.7%	0	0	0.0%	0	0	0.0%	14,541	4,177	248.1%
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	T0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	T2B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	TLB	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	UNB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	
PETRO OUTRIGHT NA	A8B	0	0	0.0%	0	0	0	505	50	910.0%	0	0	0.0%	0	0	0.0%	600	350	71.4%
PETRO OUTRIGHT NA	AB6	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,330	900	47.8%
PETRO OUTRIGHT NA	BCR	0	0	0.0%	0	0	0	555	2,225	-75.1%	0	0	0.0%	0	0	0.0%	13,170	8,660	52.1%
PETRO OUTRIGHT NA	DBB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	-	-	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	60	50	20.0%	0	0	0.0%	0	0	0.0%	60	110	-45.5%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	JET	0	0	0.0%	0	0	0	275	50	450.0%	0	0	0.0%	0	0	0.0%	2,810	550	410.9%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	475	0	0.0%	0	0	0.0%	0	0	0.0%	1,456	0	0.0%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	90	276	-67.4%	0	0	0.0%	0	0	0.0%	605	389	55.5%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	65	35	85.7%	0	0	0.0%	0	0	0.0%	386	204	89.2%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	187	304	-38.5%	0	0	0.0%	0	0	0.0%	876	1,648	-46.8%
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	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	943	869	8.5%	0	0	0.0%	0	0	0.0%	4,435	8,217	-46.0%
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	0	0.0%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	1,300	2,017	-35.5%	0	0	0.0%	0	0	0.0%	6,842	6,659	2.7%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	11,170	10,743	4.0%	0	0	0.0%	0	0	0.0%	50,996	79,080	-35.5%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,988	9,560	-37.4%	0	0	0.0%	0	0	0.0%	26,361	22,905	15.1%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	2,400	4,170	-42.4%	0	0	0.0%	0	0	0.0%	11,160	10,182	9.6%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	469	372	26.1%	0	0	0.0%	0	0	0.0%	5,592	1,047	434.1%
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%	375	405	-7.4%
SAN JUAN BASIS SWAP	NJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	BS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	1	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	203	319	-36.4%	0	0	0.0%	0	0	0.0%	1,195	732	63.3%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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>																			
SINGAPORE FUEL 180CST CAL	UA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	-	-	0	-	0	-	0	-	-	-	0	-	-	0	-	-	
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	814	279	191.8%	0	0	0.0%	0	0	0.0%	2,262	908	149.1%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	90	0	0.0%	0	0	0.0%	0	0	0.0%	151	24	529.2%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	281	272	3.3%	0	0	0.0%	0	0	0.0%	1,448	1,363	6.2%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0	0	80	7	1,042.9%	0	0	0.0%	0	0	0.0%	257	75	242.7%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	120	267	-55.1%	0	0	0.0%	0	0	0.0%	1,043	3,307	-68.5%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	901	1,308	-31.1%	0	0	0.0%	0	0	0.0%	2,621	7,196	-63.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,936	2,951	33.4%
SINGAPORE JET KERO BALMO	BX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,491	300	1,063.7%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	405	425	-4.7%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	210	300	-30.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	0	622	-100.0%	0	0	0.0%	0	0	0.0%	300	1,902	-84.2%
Sumas Basis Swap	NK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	228	105	117.1%
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%	75	135	-44.4%
TCO BASIS SWAP	TC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	0	2,575	-100.0%	0	0	0.0%	0	0	0.0%	6,185	8,680	-28.7%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2,485	-100.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	5,633	3,070	83.5%	0	0	0.0%	0	0	0.0%	30,858	21,244	45.3%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	18,071	22,660	-20.3%	0	0	0.0%	0	0	0.0%	151,702	118,863	27.6%
WAHA BASIS	NW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	BY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	47,606	37,259	27.8%	0	0	0.0%	0	0	0.0%	262,223	161,611	62.3%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	66,415	42,954	54.6%	0	0	0.0%	0	0	0.0%	306,521	211,301	45.1%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,755	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	1,650	717	130.1%	0	0	0.0%	0	0	0.0%	14,785	16,168	-8.6%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	900	0	0.0%	0	0	0.0%	0	0	0.0%	4,545	2,790	62.9%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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>																			
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,600	704	269.3%	
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	3,550	1,000	255.0%	0	0	0.0%	0	0	0.0%	87,500	70,000	25.0%	
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	11,940	28,895	-58.7%	0	0	0.0%	0	0	0.0%	42,934	110,504	-61.1%	
BRENT OIL LAST DAY	BZO	0	0	0.0%	2,671	2,436	21,200	36,100	-41.3%	0	0	0.0%	5,412	14,995	-63.9%	89,100	130,805	-31.9%	
BRENT OIL LAST DAY	OS	-	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	104	20	420.0%	0	0	0.0%	0	0	0.0%	324	360	-10.0%	
COAL API2 INDEX	F2Q	0	0	0.0%	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	100	610	-83.6%	
CRUDE OIL	6Y	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
CRUDE OIL 1MO	WA	0	0	0.0%	7,082	7,100	52,450	133,050	-60.6%	0	0	0.0%	22,251	39,980	-44.3%	353,820	577,900	-38.8%	
CRUDE OIL APO	AO	0	0	0.0%	0	0	9,771	42,002	-76.7%	0	0	0.0%	0	0	0.0%	98,032	144,394	-32.1%	
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
CRUDE OIL PHY	CD	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
CRUDE OIL PHY	LC	0	0	0.0%	0	800	54,922	5,722	859.8%	0	0	0.0%	0	800	-100.0%	199,474	32,779	508.5%	
CRUDE OIL PHY	LO	0	0	0.0%	1,591,725	1,513,633	320,296	392,462	-18.4%	0	0	0.0%	9,196,091	7,100,220	29.5%	2,109,853	2,197,999	-4.0%	
CRUDE OIL PHY	LO1	0	0	0.0%	12,762	6,509	425	0	0.0%	0	0	0.0%	137,372	45,385	202.7%	975	250	290.0%	
CRUDE OIL PHY	LO2	0	0	0.0%	17,684	9,389	0	0	0.0%	0	0	0.0%	83,349	41,434	101.2%	525	500	5.0%	
CRUDE OIL PHY	LO3	0	0	0.0%	50	6,941	0	0	0.0%	0	0	0.0%	73,506	30,381	141.9%	250	900	-72.2%	
CRUDE OIL PHY	LO4	0	0	0.0%	18,159	10,271	0	150	-100.0%	0	0	0.0%	140,984	48,276	192.0%	730	1,200	-39.2%	
CRUDE OIL PHY	LO5	0	0	0.0%	17,726	12,071	150	0	0.0%	0	0	0.0%	17,727	24,123	-26.5%	150	0	0.0%	
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	1,823	2,765	-34.1%	0	0	0.0%	0	0	0.0%	15,427	9,376	64.5%	
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
FREIGHT MARKETS	FLO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	30	-	-	
HEATING OIL CRK SPD AVG PR	3W	0	0	0.0%	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	250	330	-24.2%	
HEATING OIL PHY	FZ	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	382	213	79.3%	
HEATING OIL PHY	OH	0	0	0.0%	1,468	1,661	5,280	2,377	122.1%	0	0	0.0%	12,438	6,255	98.8%	43,749	16,520	164.8%	
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	6	16	4,391	7,797	-43.7%	0	0	0.0%	66	40	65.0%	25,801	49,970	-48.4%	
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	175	0	0.0%	0	0	0.0%	0	0	0.0%	875	0	0.0%	
LLS CRUDE OIL	HTO	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,200	-	-	
LLS CRUDE OIL	WTO	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	300	-100.0%	
MCCLOSKY RCH BAY COAL	MFO	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
NATURAL GAS	LN1	0	-	-	0	-	0	-	-	0	-	-	220	-	-	0	-	-	

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Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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>																			
NATURAL GAS	LN2	0	-	-	0	-	0	-	-	0	-	-	552	-	-	50	-	-	
NATURAL GAS	LN3	0	-	-	6	-	0	-	-	0	-	-	1,028	-	-	0	-	-	
NATURAL GAS	LN4	0	-	-	1	-	0	-	-	0	-	-	1,515	-	-	0	-	-	
NATURAL GAS	LN5	0	-	-	2	-	0	-	-	0	-	-	2	-	-	0	-	-	
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	0	0	0	64,450	31,550	104.3%	0	0	0.0%	4,900	4,250	15.3%	502,342	172,549	191.1%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	9,000	0	0.0%	0	0	0.0%	0	0	0.0%	9,000	5,800	55.2%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	34,950	23,393	49.4%	0	0	0.0%	0	0	0.0%	116,050	65,631	76.8%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	12,900	2,500	416.0%	0	0	0.0%	0	0	0.0%	46,250	9,150	405.5%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	67,400	67,700	-0.4%
NATURAL GAS OPT	JFO	0	-	-	0	-	0	-	-	-	0	-	0	-	-	300	-	-	
NATURAL GAS OPT	JKO	0	0	0.0%	0	0	0	1,075	1,450	-25.9%	0	0	0.0%	0	0	0.0%	2,925	6,200	-52.8%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0	0	0	20,290	-100.0%	0	0	0.0%	0	0	0.0%	700	77,370	-99.1%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	0	5,400	-100.0%	0	0	0.0%	0	0	0.0%	600	15,200	-96.1%
NATURAL GAS PHY	KD	0	0	0.0%	0	0	0	300	2,100	-85.7%	0	0	0.0%	0	0	0.0%	1,950	9,175	-78.7%
NATURAL GAS PHY	LN	0	0	0.0%	1,130,346	772,350	0.46	1,321,667	524,248	152.1%	0	0	0.0%	4,068,170	4,428,762	-8.1%	4,785,231	3,257,078	46.9%
NATURAL GAS PHY	ON	0	0	0.0%	84,296	51,552	0.64	2,508	3,329	-24.7%	0	0	0.0%	375,908	342,600	9.7%	24,291	16,784	44.7%
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%	94	61	0.54	2,631	920	186.0%	0	0	0.0%	240	288	-16.7%	7,983	2,904	174.9%
PETROCHEMICALS	4H	0	0	0.0%	0	14	-1	300	0	0.0%	0	0	0.0%	5	29	-82.8%	797	1,740	-54.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	400	-100.0%	0	0	0.0%	0	0	0.0%	0	400	-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	0.0%
PETROCHEMICALS	CPR	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	BCO	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	1N5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	375	750	-50.0%
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	0.0%
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	0.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	60	418	-85.6%	0	0	0.0%	0	0	0.0%	187	1,120	-83.3%
RBOB PHY	OB	0	0	0.0%	218	2,025	-0.89	880	7,745	-88.6%	0	0	0.0%	4,848	8,984	-46.0%	6,570	21,162	-69.0%
RBOB PHY	RF	0	0	0.0%	0	0	0	420	60	600.0%	0	0	0.0%	0	0	0.0%	630	214	194.4%
SAN JUAN PIPE SWAP	PJ	-	0	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	0.0%	0	50	-100.0%

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

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	U12	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM	U13	0	0	0.0%	0	0	0	200	-100.0%	0	0	0.0%	0	0	0.0%	100	200	-50.0%	
SHORT TERM	U14	0	0	0.0%	0	0	350	0	0.0%	0	0	0.0%	0	0	0.0%	450	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	0	0.0%	
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%	
SHORT TERM	U23	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	300	-33.3%	
SHORT TERM	U26	0	0	0.0%	0	0	0	75	-100.0%	0	0	0.0%	0	0	0.0%	0	75	-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%	200	75	166.7%	
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%	
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%	
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	100	0.0%	
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%	
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	350	-100.0%	0	0	0.0%	0	0	0.0%	100	350	-71.4%	
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	400	75	433.3%	0	0	0.0%	0	0	0.0%	550	75	633.3%	
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	50	50	0.0%	0	0	0.0%	0	0	0.0%	150	50	200.0%	
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%	
SHORT TERM NATURAL GAS	U17	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	200	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%	
SHORT TERM NATURAL GAS	U19	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	500	0	0.0%	0	0	0.0%	0	0	0.0%	500	0	0.0%	
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%	
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%	
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	1,400	2,150	-0.35	21,900	38,150	-42.6%	0	0	0.0%	2,950	5,900	-50.0%	121,125	128,675	-5.9%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	900	-1	59,050	106,375	-44.5%	0	0	0.0%	271	900	-69.9%	175,179	331,275	-47.1%

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

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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%	3,313,118	3,509,529	-0.06	62,471	80,920	-22.8%	0	0	0.0%	19,244,060	20,142,129	-4.5%	464,209	448,676	3.5%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	3,409	3,294	0.03	16,713	18,660	-10.4%	0	0	0.0%	20,221	21,958	-7.9%	85,567	66,626	28.4%
NYMEX PLATINUM	PL	0	0	0.0%	314,661	267,678	0.18	10,691	8,005	33.6%	0	0	0.0%	1,640,034	1,410,909	16.2%	39,959	39,784	0.4%
PALLADIUM	PA	0	0	0.0%	27,025	31,438	-0.14	908	1,918	-52.7%	0	0	0.0%	198,355	177,791	11.6%	8,433	8,458	-0.3%
URANIUM	UX	0	0	0.0%	6	0	0	0	0	0.0%	0	0	0.0%	24	0	0.0%	0	400	-100.0%
COMEX SILVER	SI	0	0	0.0%	1,461,704	1,742,749	-0.16	27,179	19,865	36.8%	0	0	0.0%	5,711,660	7,843,392	-27.2%	108,774	124,088	-12.3%
COMEX E-Mini GOLD	QO	0	0	0.0%	24,719	17,937	0.38	0	0	0.0%	0	0	0.0%	126,702	97,883	29.4%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	4,048	4,519	-0.1	0	0	0.0%	0	0	0.0%	17,143	33,980	-49.5%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,708,311	2,386,379	-0.28	23,575	32,746	-28.0%	0	0	0.0%	6,963,669	9,454,531	-26.3%	79,661	87,111	-8.6%
COMEX MINY COPPER	QC	0	0	0.0%	4,219	4,089	0.03	0	0	0.0%	0	0	0.0%	15,139	14,474	4.6%	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	162	-100.0%
ALUMINUM	AEP	0	0	0.0%	0	0	0	300	2,460	-87.8%	0	0	0.0%	15	0	0.0%	8,063	12,375	-34.8%
ALUMINUM	ALA	0	0	0.0%	0	0	0	0	830	-100.0%	0	0	0.0%	0	0	0.0%	1,610	2,380	-32.4%
ALUMINUM	ALI	0	0	0.0%	18,349	10,046	0.83	0	0	0.0%	0	0	0.0%	51,693	21,799	137.1%	0	20	-100.0%
ALUMINUM	AUP	0	0	0.0%	182	721	-0.75	5,027	3,423	46.9%	0	0	0.0%	1,470	2,164	-32.1%	19,800	24,440	-19.0%
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%	31	0	0	2,307	1,640	40.7%	0	0	0.0%	59	75	-21.3%	15,712	8,832	77.9%
ALUMINUM	MJP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,410	0	0.0%
COBALT METAL FUTURES	COB	0	0	0.0%	0	0	0	589	255	131.0%	0	0	0.0%	11	12	-8.3%	1,826	820	122.7%
COPPER	HGS	0	0	0.0%	0	0	0	2,353	4,290	-45.2%	0	0	0.0%	0	0	0.0%	9,248	11,962	-22.7%
FERROUS PRODUCTS	BUS	0	0	0.0%	617	577	0.07	878	880	-0.2%	0	0	0.0%	2,370	3,935	-39.8%	8,394	3,445	143.7%
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%	889	58	14.33	0	0	0.0%	0	0	0.0%	4,678	4,511	3.7%	0	0	0.0%
GOLD	SGU	0	0	0.0%	8,676	2,161	3.01	250	0	0.0%	0	0	0.0%	44,566	11,494	287.7%	475	0	0.0%
HOT ROLLED COIL STEEL FUTU	EHR	0	0	0.0%	614	166	2.7	1,050	950	10.5%	0	0	0.0%	2,574	696	269.8%	5,459	3,400	60.6%
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	0	0	1,345	670	100.7%	0	0	0.0%	0	4	-100.0%	5,259	4,032	30.4%
METALS	HDG	0	0	0.0%	0	0	0	150	0	0.0%	0	0	0.0%	27	0	0.0%	180	43	318.6%
METALS	LTH	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
METALS	PAC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,000	-	-	
MICRO GOLD	MGC	0	0	0.0%	1,009,552	914,872	0.1	0	0	0.0%	0	0	0.0%	4,975,930	5,340,454	-6.8%	0	0	0.0%
SILVER	SIL	0	0	0.0%	155,403	134,515	0.16	0	0	0.0%	0	0	0.0%	718,776	1,039,166	-30.8%	0	0	0.0%

## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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	600	-100.0%	0	0	0.0%	0	0	0.0%	0	1,200	-100.0%	
COMEX COPPER	HX	0	0	0.0%	56,633	45,244	0.25	16,605	34,289	-51.6%	0	0	0.0%	218,635	142,464	53.5%	56,568	91,587	-38.2%
COMEX GOLD	OG	0	0	0.0%	681,713	473,495	0.44	76,988	105,019	-26.7%	0	0	0.0%	3,251,207	2,535,679	28.2%	565,279	650,881	-13.2%
COMEX SILVER	SO	0	0	0.0%	90,336	100,526	-0.1	5,325	12,869	-58.6%	0	0	0.0%	410,348	668,959	-38.7%	34,860	72,390	-51.8%
COPPER	H1E	0	0	0.0%	57	2	27.5	0	0	0.0%	0	0	0.0%	421	17	2,376.5%	0	0	0.0%
COPPER	H2E	0	0	0.0%	260	10	25	0	0	0.0%	0	0	0.0%	774	26	2,876.9%	0	0	0.0%
COPPER	H3E	0	0	0.0%	26	5	4.2	0	0	0.0%	0	0	0.0%	295	15	1,866.7%	0	0	0.0%
COPPER	H4E	0	0	0.0%	75	0	0	0	0	0.0%	0	0	0.0%	184	7	2,528.6%	0	0	0.0%
COPPER	H5E	0	0	0.0%	32	2	15	0	0	0.0%	0	0	0.0%	32	2	1,500.0%	0	0	0.0%
GOLD	OG1	0	0	0.0%	27,350	21,423	0.28	3,250	5,558	-41.5%	0	0	0.0%	201,574	155,414	29.7%	9,575	9,193	4.2%
GOLD	OG2	0	0	0.0%	34,044	22,876	0.49	1,800	2,401	-25.0%	0	0	0.0%	206,364	161,674	27.6%	7,055	6,964	1.3%
GOLD	OG3	0	0	0.0%	46,841	34,586	0.35	2,420	775	212.3%	0	0	0.0%	206,998	153,612	34.8%	9,036	3,770	139.7%
GOLD	OG4	0	0	0.0%	42,742	22,911	0.87	640	350	82.9%	0	0	0.0%	196,416	102,274	92.0%	3,865	2,292	68.6%
GOLD	OG5	0	0	0.0%	38,435	28,468	0.35	650	1,766	-63.2%	0	0	0.0%	38,435	58,431	-34.2%	650	2,566	-74.7%
HOT ROLLED COIL STEEL CALL	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	HRO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL C	ICT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	ICT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	ICT	0	0	0.0%	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	280	-100.0%	
NYMEX HOT ROLLED STEEL	HRO	0	0	0.0%	0	0	0	675	125.0%	0	0	0.0%	0	0	0.0%	6,960	1,250	456.8%	
NYMEX PLATINUM	PO	0	0	0.0%	515	89	4.79	6,215	11,164	-44.3%	0	0	0.0%	2,213	1,991	11.2%	26,640	12,730	109.3%
PALLADIUM	PAO	0	0	0.0%	42	228	-0.82	0	975	-100.0%	0	0	0.0%	90	448	-79.9%	0	2,445	-100.0%
SILVER	SO1	0	0	0.0%	1,313	1,110	0.18	25	165	-84.8%	0	0	0.0%	19,360	7,254	166.9%	1,625	1,310	24.0%
SILVER	SO2	0	0	0.0%	2,748	1,526	0.8	450	200	125.0%	0	0	0.0%	23,091	8,087	185.5%	2,355	1,655	42.3%
SILVER	SO3	0	0	0.0%	2,438	1,415	0.72	585	880	-33.5%	0	0	0.0%	16,788	7,961	110.9%	985	1,335	-26.2%
SILVER	SO4	0	0	0.0%	2,513	969	1.59	200	0	0.0%	0	0	0.0%	14,607	3,912	273.4%	390	200	95.0%
SILVER	SO5	0	0	0.0%	2,289	1,106	1.07	0	50	-100.0%	0	0	0.0%	2,289	2,488	-8.0%	0	345	-100.0%
<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%	32,789,509	33,925,027	-3.3%	1,811,086	1,650,385	9.7%	0	0	0.0%	163,546,946	155,938,525	4.9%	8,748,389	7,900,420	10.7%
Metals Futures		0	0	0.0%	8,055,533	9,030,728	-10.8%	155,786	177,512	-12.2%	0	0	0.0%	39,739,176	45,621,473	-12.9%	865,039	847,054	2.1%
<b>TOTAL FUTURES</b>		<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>40,845,042</b>	<b>42,955,755</b>	<b>-4.9%</b>	<b>1,966,872</b>	<b>1,827,897</b>	<b>7.6%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>203,286,122</b>	<b>201,560,000</b>	<b>0.9%</b>	<b>9,613,428</b>	<b>8,747,474</b>	<b>9.9%</b>



## NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 2021	% CHG	CME ClearPort APR 2022	CME ClearPort APR 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%	2,885,696	2,399,879	20.2%	2,020,318	1,421,883	42.1%	0	0	0.0%	14,149,805	12,143,602	16.5%	8,947,166	7,538,991	18.7%
Metals Options	0	0	0.0%	1,030,402	755,991	36.3%	115,828	177,421	-34.7%	0	0	0.0%	4,810,121	4,010,715	19.9%	725,843	862,393	-15.8%
<b>TOTAL OPTIONS</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>3,916,098</b>	<b>3,155,870</b>	<b>24.1%</b>	<b>2,136,146</b>	<b>1,599,304</b>	<b>33.6%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>18,959,926</b>	<b>16,154,317</b>	<b>17.4%</b>	<b>9,673,009</b>	<b>8,401,384</b>	<b>15.1%</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%	35,675,205	36,324,906	-1.8%	3,831,404	3,072,268	24.7%	0	0	0.0%	177,696,751	168,082,127	5.7%	17,695,555	15,439,411	14.6%
Metals	0	0	0.0%	9,085,935	9,786,719	-7.2%	271,614	354,933	-23.5%	0	0	0.0%	44,549,297	49,632,188	-10.2%	1,590,882	1,709,447	-6.9%
<b>GRAND TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>44,761,140</b>	<b>46,111,625</b>	<b>-2.9%</b>	<b>4,103,018</b>	<b>3,427,201</b>	<b>19.7%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>222,246,048</b>	<b>217,714,317</b>	<b>2.1%</b>	<b>19,286,437</b>	<b>17,148,858</b>	<b>12.5%</b>

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