

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Futures</b>									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	13,691,713	14,809,729	-7.5%	16,355,332	-16.3%	204,473,362	205,997,830	-0.7%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	1,000	-100.0%
MINY WTI CRUDE OIL	QM	217,725	386,580	-43.7%	287,071	-24.2%	3,637,556	6,940,633	-47.6%
BRENT OIL LAST DAY	BZ	1,083,025	1,142,151	-5.2%	1,383,608	-21.7%	15,045,375	17,359,000	-13.3%
HEATING OIL PHY	HO	2,673,070	2,924,628	-8.6%	3,390,397	-21.2%	39,297,744	39,668,782	-0.9%
HTG OIL	BH	0	0	0.0%	0	0.0%	96	108	-11.1%
MINY HTG OIL	QH	7	8	-12.5%	15	-53.3%	128	107	19.6%
RBOB PHY	RB	2,860,656	2,799,413	2.2%	3,044,268	-6.0%	42,801,006	41,039,130	4.3%
MINY RBOB GAS	QU	7	6	16.7%	5	40.0%	104	101	3.0%
NATURAL GAS	HP	195,299	142,671	36.9%	236,629	-17.5%	2,420,082	1,988,440	21.7%
LTD NAT GAS	HH	459,009	488,201	-6.0%	458,211	0.2%	4,461,734	4,389,074	1.7%
MINY NATURAL GAS	QG	164,801	381,570	-56.8%	184,278	-10.6%	2,579,163	3,792,835	-32.0%
NATURAL GAS PHY	NG	9,899,538	7,342,634	34.8%	8,715,624	13.6%	102,109,201	85,875,540	18.9%
RBOB GAS	RT	0	0	0.0%	0	0.0%	72	72	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	4,140	1,950	112.3%	2,815	47.1%	42,140	65,140	-35.3%
ARGUS PROPAN FAR EST INDE	7E	5,958	6,897	-13.6%	9,026	-34.0%	109,982	73,213	50.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,636	1,924	-15.0%	3,063	-46.6%	33,510	24,334	37.7%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	85	1,587	-94.6%
BRENT CALENDAR SWAP	CY	423	10,020	-95.8%	6,733	-93.7%	100,530	163,945	-38.7%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	240	-100.0%	0	0.0%	360	490	-26.5%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAR VINTAGE	GEO	10,199	2,899	251.8%	15,968	-36.1%	118,793	43,081	175.7%
CAR VINTAGE	NGO	10,439	13,830	-24.5%	12,742	-18.1%	83,378	142,991	-41.7%
CEU ENERGY	TFU	0	0	-	0	0.0%	330	0	-
CEU ENERGY	TTG	4,897	0	-	7,532	-35.0%	12,766	0	-
CHICAGO ETHANOL SWAP	CU	75,868	44,214	71.6%	84,030	-9.7%	930,749	697,226	33.5%

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<b>Energy Futures</b>									
CHICAGO ULSD PL VS HO SPR	5C	990	330	200.0%	631	56.9%	11,436	7,453	53.4%
CHICAGO UNL GAS PL VS RBO	3C	100	0	0.0%	300	-66.7%	400	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	334	131	155.0%	131	155.0%	1,167	3,107	-62.4%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	295	521	-43.4%	312	-5.4%	5,501	4,633	18.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	10,906	27,578	-60.5%	14,088	-22.6%	210,043	208,438	0.8%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	2,247	4,098	-45.2%	326	589.3%	6,500	8,817	-26.3%
CRUDE OIL OUTRIGHTS	42	757	603	25.5%	590	28.3%	6,575	10,161	-35.3%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	1,988	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0.0%	0	1,320	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	148,441	75,982	95.4%	108,992	36.2%	1,696,233	889,218	90.8%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0.0%	100	4,347	-97.7%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0.0%	0	17,420	-100.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	MCL	1,937,738	1,838,937	5.4%	2,281,953	-15.1%	24,227,359	30,080,874	-19.5%
CRUDE OIL SPRDS	ANT	70	0	0.0%	707	-90.1%	7,940	8,466	-6.2%
CRUDE OIL SPRDS	BKT	0	0	-	0	0.0%	750	0	-
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	42,709	46,228	-7.6%	54,773	-22.0%	719,890	617,980	16.5%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	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%
DAILY PJM	PAP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	0	2,220	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%

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DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	300	0	0.0%	1,500	-80.0%	4,100	2,000	105.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	25,076	0	0.0%	42,596	-41.1%	311,755	14,607	2,034.3%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	18	292	-93.8%	180	-90.0%	1,852	2,303	-19.6%
ELEC FINSETTLED	47	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	1,110	1,144	-3.0%	2,699	-58.9%	27,156	23,572	15.2%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	0	0	-	0	0.0%	36	0	-
ETHANOL SWAP	MT2	80	230	-65.2%	130	-38.5%	3,100	2,350	31.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	1,631	2,915	-44.0%	5,250	-68.9%	48,707	41,448	17.5%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	0	1,169	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	UV	51	3	1,600.0%	61	-16.4%	421	563	-25.2%
EUROPEAN GASOIL (ICE)	7F	535	6	8,816.7%	33	1,521.2%	909	13,598	-93.3%
EUROPEAN NAPHTHA BALMO	KZ	0	4	-100.0%	0	0.0%	127	215	-40.9%
EUROPEAN NAPHTHA CRACK SPR	EN	2,689	615	337.2%	2,167	24.1%	38,464	22,315	72.4%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	-	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	380	767	-50.5%	880	-56.8%	10,351	7,471	38.5%
EURO PROPANE CIF ARA SWA	PS	812	1,456	-44.2%	1,795	-54.8%	22,966	21,074	9.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	720	0	0.0%	720	0.0%	2,992	1,377	117.3%
FREIGHT MARKETS	CS3	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	CS4	0	0	0.0%	0	0.0%	70	480	-85.4%
FREIGHT MARKETS	FLJ	5	0	0.0%	0	0.0%	51	0	0.0%
FREIGHT MARKETS	FLP	24	7	242.9%	0	0.0%	78	303	-74.3%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	36	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0.0%	0	785	-100.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	0	0.0%

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FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	294	0	0.0%	0	0.0%	294	1,204	-75.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	30	66	-54.5%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	258	64	303.1%	238	8.4%	3,537	2,193	61.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	882	829	6.4%	1,673	-47.3%	23,493	26,841	-12.5%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0.0%	1	76	-98.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	12	-100.0%
GASOIL CALENDAR SWAP	GX	6	0	0.0%	9	-33.3%	84	1,013	-91.7%
GASOIL CRACK SPREAD CALEN	GZ	75	0	0.0%	180	-58.3%	780	10,971	-92.9%
GASOIL MINI CALENDAR SWAP	QA	146	40	265.0%	259	-43.6%	2,432	3,217	-24.4%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	4,750	3,425	38.7%	4,538	4.7%	49,865	52,663	-5.3%
GRP THREE UNL GS (PLT) VS	A8	4,335	4,025	7.7%	2,150	101.6%	33,618	36,512	-7.9%
GULF COAST 3% FUEL OIL BA	VZ	0	10	-100.0%	0	0.0%	0	977	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	5,374	4,959	8.4%	5,910	-9.1%	107,273	105,829	1.4%
GULF COAST NO.6 FUEL OIL	MF	3,126	2,654	17.8%	1,428	118.9%	41,419	52,417	-21.0%
GULF COAST NO.6 FUEL OIL	MG	8,990	12,816	-29.9%	16,093	-44.1%	168,209	107,174	56.9%
GULF COAST ULSD CALENDAR	LY	100	302	-66.9%	180	-44.4%	2,069	2,309	-10.4%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	3,142	177	1,675.1%	200	1,471.0%	4,941	3,687	34.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	127	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	0	1	-100.0%	4	-100.0%	20	103	-80.6%
HENRY HUB SWAP	NN	19,719	36,028	-45.3%	25,510	-22.7%	351,246	331,266	6.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0.0%	415	2,413	-82.8%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0.0%	0	0	0.0%

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JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	10	428	-97.7%
JAPAN C&F NAPHTHA SWAP	JA	62	126	-50.8%	240	-74.2%	2,124	1,336	59.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	8	-100.0%	0	0.0%	35	14	150.0%
JET CIF NWE VS ICE	JC	12	90	-86.7%	30	-60.0%	234	1,615	-85.5%
JET FUEL UP-DOWN BALMO CL	1M	525	1,305	-59.8%	200	162.5%	11,209	16,671	-32.8%
JKM LNG Futures	JKM	0	0	0.0%	0	0.0%	0	3,609	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	110	75	46.7%	114	-3.5%	2,893	2,409	20.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	290	750	-61.3%	50	480.0%	5,695	4,150	37.2%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	160	-100.0%	0	0.0%	590	253	133.2%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0.0%	0	1,685	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	10,260	10,657	-3.7%	3,675	179.2%	172,810	178,876	-3.4%
MCCLOSKEY ARA ARGS COAL	MTF	165	1,107	-85.1%	855	-80.7%	10,972	56,889	-80.7%
MCCLOSKEY RCH BAY COAL	MFF	0	20	-100.0%	0	0.0%	54	4,171	-98.7%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	0.0%	0	0.0%	130	263	-50.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	310	50	520.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	71	398	-82.2%	109	-34.9%	1,488	3,762	-60.4%
MJC FUT	MJC	0	0	0.0%	0	0.0%	60	0	0.0%
MNC FUT	MNC	237	1,400	-83.1%	678	-65.0%	10,185	19,955	-49.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	31,202	28,233	10.5%	26,070	19.7%	381,092	428,656	-11.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	505	755	-33.1%	600	-15.8%	7,835	10,832	-27.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	159,955	221,737	-27.9%	196,716	-18.7%	2,646,302	2,120,224	24.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,108	3,311	-36.3%	1,416	48.9%	25,479	32,760	-22.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	9,606	30,729	-68.7%	14,496	-33.7%	271,190	297,773	-8.9%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	444	1,755	-74.7%	764	-41.9%	14,021	20,536	-31.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	62,180	53,104	17.1%	66,059	-5.9%	817,107	658,998	24.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,552	1,698	-8.6%	1,330	16.7%	13,801	18,432	-25.1%
NATURAL GAS	NWM	0	0	0.0%	0	0.0%	480	305	57.4%
NATURAL GAS PEN SWP	NP	30,678	34,092	-10.0%	24,823	23.6%	290,717	512,650	-43.3%
NATURAL GAS PHY	MNG	65,949	0	-	107,339	-38.6%	173,288	0	-
NEPOOL INTR HUB 5MW D AH	H2	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%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>									
NEW YORK ETHANOL SWAP	EZ	990	295	235.6%	840	17.9%	9,017	9,777	-7.8%
NEW YORK HUB ZONE G PEAK	GN	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%
N ILLINOIS HUB DAILY	UD	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%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	7,333	1,984	269.6%	2,395	206.2%	32,044	17,800	80.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	0	130	-100.0%	0	0.0%	750	1,555	-51.8%
NYH NO 2 CRACK SPREAD CAL	HK	867	330	162.7%	578	50.0%	34,133	17,385	96.3%
NYISO CAPACITY	LHV	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%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	160	845	-81.1%	1,317	-87.9%	14,329	7,255	97.5%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	236	306	-22.9%	120	96.7%	1,875	1,838	2.0%
PETROCHEMICALS	32	25	148	-83.1%	56	-55.4%	879	671	31.0%
PETROCHEMICALS	3NA	19	9	111.1%	90	-78.9%	607	278	118.3%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	58	15	286.7%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	75	360	-79.2%	24	212.5%	6,113	9,899	-38.2%
PETROCHEMICALS	91	124	499	-75.2%	470	-73.6%	4,559	4,390	3.8%
PETROCHEMICALS	MAA	140	30	366.7%	0	0.0%	1,320	520	153.8%
PETROCHEMICALS	MAE	1,775	955	85.9%	1,680	5.7%	18,156	14,059	29.1%
PETROCHEMICALS	MAS	370	340	8.8%	525	-29.5%	6,019	4,370	37.7%
PETROCHEMICALS	MBE	0	90	-100.0%	0	0.0%	720	850	-15.3%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	476	441	7.9%	815	-41.6%	6,183	3,685	67.8%
PETROCHEMICALS	PMF	0	0	0.0%	0	0.0%	78	14	457.1%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	15,950	13,405	19.0%	18,382	-13.2%	168,913	187,524	-9.9%
PETRO CRCKS & SPRDS NA	EXR	400	171	133.9%	531	-24.7%	3,905	3,024	29.1%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	25	-100.0%	960	700	37.1%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	375	150	150.0%
PETRO CRCKS & SPRDS NA	GCU	761	0	0.0%	570	33.5%	1,889	275	586.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	1,480	1,350	9.6%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	120	-100.0%	1,650	577	186.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	575	100	475.0%	1,030	-44.2%	8,130	6,751	20.4%
PETRO CRCKS & SPRDS NA	RVG	1,150	2,035	-43.5%	900	27.8%	13,091	22,431	-41.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	12	0	-
PETRO CRK&SPRD EURO	1NB	450	90	400.0%	0	0.0%	715	2,589	-72.4%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	103	121	-14.9%
PETRO CRK&SPRD EURO	BOB	0	15	-100.0%	0	0.0%	120	620	-80.6%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO CRK&SPRD EURO	EPN	267	219	21.9%	485	-44.9%	4,946	4,532	9.1%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0.0%	375	867	-56.7%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	0.0%	30	0	-
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	9	15	-40.0%	29	-69.0%	1,016	949	7.1%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0.0%	3	2	50.0%
PETROLEUM PRODUCTS	CMS	100	510	-80.4%	200	-50.0%	1,320	2,100	-37.1%
PETROLEUM PRODUCTS	EWG	249	0	0.0%	0	0.0%	1,757	4,817	-63.5%
PETROLEUM PRODUCTS	H5F	0	235	-100.0%	0	0.0%	535	1,120	-52.2%
PETROLEUM PRODUCTS	JCC	0	400	-100.0%	0	0.0%	9,970	13,966	-28.6%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5F	20	37	-45.9%	29	-31.0%	200	510	-60.8%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0.0%	260	1,148	-77.4%
PETROLEUM PRODUCTS ASIA	E6M	0	10	-100.0%	0	0.0%	75	60	25.0%
PETROLEUM PRODUCTS ASIA	MJN	55	512	-89.3%	120	-54.2%	4,240	7,928	-46.5%



## NYMEX/COMEX Exchange Volume Report - Monthly

	Commodity	VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOIUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0D	30	35	-14.3%	70	-57.1%	570	390	46.2%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0F	30	50	-40.0%	30	0.0%	125	59	111.9%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	30	0	0.0%	0	0.0%	120	30	300.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0.0%	75	285	-73.7%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0.0%	82	46	78.3%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0.0%	55	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	15	30	-50.0%
PETRO OUTRIGHT EURO	CPB	310	434	-28.6%	280	10.7%	2,648	2,200	20.4%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	30	72	-58.3%	39	-23.1%	2,583	2,242	15.2%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	M1B	319	650	-50.9%	439	-27.3%	9,497	12,239	-22.4%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0.0%	60	0	0.0%
PETRO OUTRIGHT EURO	MBN	595	320	85.9%	550	8.2%	8,358	6,731	24.2%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0.0%	82	114	-28.1%
PETRO OUTRIGHT EURO	MQA	324	0	0.0%	297	9.1%	2,834	218	1,200.0%
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	R5M	882	1,463	-39.7%	835	5.6%	12,367	20,485	-39.6%
PETRO OUTRIGHT EURO	R5O	436	396	10.1%	531	-17.9%	6,836	10,492	-34.8%
PETRO OUTRIGHT EURO	RBM	0	0	0.0%	0	0.0%	107	122	-12.3%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	89	-100.0%	118	5	2,260.0%
PETRO OUTRIGHT EURO	S5F	128	103	24.3%	285	-55.1%	4,642	1,363	240.6%
PETRO OUTRIGHT EURO	S5M	1,635	1,935	-15.5%	2,084	-21.5%	20,477	25,745	-20.5%
PETRO OUTRIGHT EURO	S5O	769	1,088	-29.3%	1,354	-43.2%	10,104	28,131	-64.1%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	SR5	0	9	-100.0%	0	0.0%	240	141	70.2%
PETRO OUTRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	ULB	0	100	-100.0%	0	0.0%	600	725	-17.2%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	A8B	145	0	0.0%	25	480.0%	2,095	2,380	-12.0%
PETRO OUTRIGHT NA	AB6	0	100	-100.0%	150	-100.0%	3,788	3,980	-4.8%
PETRO OUTRIGHT NA	BCR	620	3,450	-82.0%	325	90.8%	12,058	29,520	-59.2%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT NA	JET	525	350	50.0%	2,875	-81.7%	18,494	6,710	175.6%
PETRO OUTRIGHT NA	JTB	189	0	0.0%	50	278.0%	2,653	2,161	22.8%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0.0%	217	920	-76.4%
PETRO OUTRIGHT NA	MEN	0	20	-100.0%	0	0.0%	373	614	-39.3%
PETRO OUTRIGHT NA	MEO	0	15	-100.0%	36	-100.0%	1,182	3,123	-62.2%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0.0%	0	20	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	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%
PJM NI HUB 5MW REAL TIME	B3	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%
PJM WESTH RT OFF-PEAK	N9	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%
PLASTICS	PGP	1,934	564	242.9%	1,772	9.1%	16,743	11,212	49.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0.0%	15	111	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,194	1,997	-40.2%	1,003	19.0%	16,107	20,527	-21.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	17,595	22,715	-22.5%	11,377	54.7%	276,752	175,389	57.8%
RBOB CALENDAR SWAP	RL	5,190	4,126	25.8%	3,677	41.1%	87,761	64,290	36.5%
RBOB CRACK SPREAD	RM	535	60	791.7%	40	1,237.5%	21,011	15,272	37.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	472	302	56.3%	215	119.5%	10,158	12,827	-20.8%
RBOB PHY	MRB	0	3	-100.0%	2	-100.0%	56	92	-39.1%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	30	975	-96.9%
SINGAPORE 180CST BALMO	BS	4	0	0.0%	0	0.0%	25	3	733.3%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	22	52	-57.7%	287	-92.3%	2,914	1,375	111.9%

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Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
SINGAPORE FUEL 180CST CAL	UA	4	12	-66.7%	3	33.3%	44	15	193.3%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	24	102	-76.5%
SINGAPORE GASOIL	MAF	15	129	-88.4%	0	0.0%	251	4,155	-94.0%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	0	196	-100.0%
SINGAPORE GASOIL	MTS	118	368	-67.9%	261	-54.8%	3,635	4,013	-9.4%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0.0%	15	332	-95.5%
SINGAPORE GASOIL CALENDAR	MSG	52	34	52.9%	111	-53.2%	843	1,306	-35.5%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	100	-100.0%	8,637	3,155	173.8%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0.0%	0	3,725	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	0	0.0%	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	50	-100.0%	64	-100.0%	4,830	650	643.1%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	172	450	-61.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	243	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0.0%	0	6,405	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	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%
ULSD UP-DOWN BALMO SWP	1L	4,100	4,400	-6.8%	8,700	-52.9%	71,418	70,389	1.5%
UP DOWN GC ULSD VS NMX HO	LT	37,218	23,789	56.5%	37,643	-1.1%	358,307	308,492	16.1%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	0.0%	111	0	-
WTI-BRENT CALENDAR SWAP	BK	37,560	40,920	-8.2%	45,521	-17.5%	595,892	599,792	-0.7%
WTI CALENDAR	CS	79,763	51,464	55.0%	89,735	-11.1%	817,057	719,774	13.5%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	1,900	900	111.1%
WTS (ARGUS) VS WTI SWAP	FF	6,978	540	1,192.2%	2,100	232.3%	41,284	28,378	45.5%
WTS (ARGUS) VS WTI TRD MT	FH	28	100	-72.0%	150	-81.3%	2,687	7,135	-62.3%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	42	990	-95.8%	550	-92.4%	2,752	4,262	-35.4%
BRENT CRUDE OIL 1 M CSO	9C	800	15,000	-94.7%	1,900	-57.9%	13,900	181,500	-92.3%
BRENT OIL LAST DAY	BE	250	625	-60.0%	14,096	-98.2%	56,889	129,912	-56.2%
BRENT OIL LAST DAY	BZO	4,902	7,025	-30.2%	2,716	80.5%	100,969	194,266	-48.0%
COAL API2 INDEX	F2C	0	50	-100.0%	0	0.0%	475	460	3.3%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	0	100	-100.0%

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Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
CRUDE OIL	6Y	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	WA	35,425	31,950	10.9%	80,125	-55.8%	814,425	668,528	21.8%
CRUDE OIL APO	AO	19,800	19,816	-0.1%	72,845	-72.8%	399,441	237,774	68.0%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	2,981	11,102	-73.1%	5,072	-41.2%	72,869	23,887	205.1%
CRUDE OIL PHY	LC	18,210	15,460	17.8%	31,422	-42.0%	309,995	389,651	-20.4%
CRUDE OIL PHY	LO	2,041,098	1,708,851	19.4%	3,285,063	-37.9%	30,622,132	28,931,828	5.8%
CRUDE OIL PHY	LO1	27,456	22,589	21.5%	111,901	-75.5%	650,886	396,575	64.1%
CRUDE OIL PHY	LO2	40,406	48,672	-17.0%	46,587	-13.3%	544,444	334,062	63.0%
CRUDE OIL PHY	LO3	18,976	18,054	5.1%	54,700	-65.3%	423,668	213,100	98.8%
CRUDE OIL PHY	LO4	44,215	32,267	37.0%	50,926	-13.2%	556,922	412,535	35.0%
CRUDE OIL PHY	LO5	61,370	23,718	158.7%	0	0.0%	252,388	99,787	152.9%
CRUDE OIL PHY	MCO	20,192	14,888	35.6%	21,786	-7.3%	255,178	70,216	263.4%
CRUDE OIL PHY	ML1	18,192	0	-	19,977	-8.9%	67,263	0	-
CRUDE OIL PHY	ML2	11,385	0	-	7,755	46.8%	49,653	0	-
CRUDE OIL PHY	ML3	14,820	0	-	13,360	10.9%	69,531	0	-
CRUDE OIL PHY	ML4	8,608	0	-	23,319	-63.1%	76,048	0	-
CRUDE OIL PHY	ML5	0	0	-	0	0.0%	17,280	0	-
CRUDE OIL PHY	MW1	1,020	705	44.7%	2,661	-61.7%	21,989	8,236	167.0%
CRUDE OIL PHY	MW2	1,890	1,984	-4.7%	1,753	7.8%	20,683	10,785	91.8%
CRUDE OIL PHY	MW3	2,211	1,297	70.5%	1,698	30.2%	16,585	5,865	182.8%
CRUDE OIL PHY	MW4	1,845	1,384	33.3%	1,996	-7.6%	24,723	11,993	106.1%
CRUDE OIL PHY	MW5	1,413	900	57.0%	0	0.0%	7,874	4,193	87.8%
CRUDE OIL PHY	WL1	18,724	0	-	9,873	89.6%	69,467	0	-
CRUDE OIL PHY	WL2	14,127	0	-	12,625	11.9%	63,446	0	-
CRUDE OIL PHY	WL3	17,194	0	-	2,839	505.6%	56,772	0	-
CRUDE OIL PHY	WL4	14,204	0	-	23,009	-38.3%	82,941	0	-
CRUDE OIL PHY	WL5	0	0	-	23,249	-100.0%	36,065	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	587	855	-31.3%	1,946	-69.8%	30,186	31,535	-4.3%
ETHANOL SWAP	GVR	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	0.0%	0	0.0%	0	30	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	750	-100.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	12	0	0.0%	332	-96.4%	552	382	44.5%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
HEATING OIL PHY	OH	7,828	15,625	-49.9%	15,725	-50.2%	141,822	139,580	1.6%
HENRY HUB FINANCIAL LAST	E7	66,449	10,158	554.2%	28,767	131.0%	296,060	62,972	370.1%
HENRY HUB FINANCIAL LAST	ECNG	2,423	12,609	-80.8%	1,739	39.3%	23,854	22,967	3.9%
HO 1 MONTH CLNDR OPTIONS	FA	1,300	2,550	-49.0%	2,350	-44.7%	42,150	10,525	300.5%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0.0%	3,000	4,500	-33.3%
MCCLOSKEY ARA ARGV COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	334	0	0.0%	410	-18.5%	5,025	847	493.3%
NATURAL GAS	LN2	586	0	0.0%	119	392.4%	2,456	1,502	63.5%
NATURAL GAS	LN3	3,583	0	0.0%	54	6,535.2%	5,493	1,072	412.4%
NATURAL GAS	LN4	756	0	0.0%	13	5,715.4%	2,331	1,517	53.7%
NATURAL GAS	LN5	871	0	0.0%	0	0.0%	886	5	17,620.0%
NATURAL GAS 1 M CSO FIN	G4	68,000	136,960	-50.4%	127,109	-46.5%	1,104,966	1,111,981	-0.6%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	1,000	-100.0%	2,250	14,100	-84.0%
NATURAL GAS 3 M CSO FIN	G3	8,250	650	1,169.2%	30,500	-73.0%	670,930	355,190	88.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	2,000	-100.0%	10,650	48,250	-77.9%
NATURAL GAS 6 M CSO FIN	G6	1,750	10,250	-82.9%	1,000	75.0%	74,100	113,525	-34.7%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	450	-100.0%
NATURAL GAS OPT	JKO	0	0	0.0%	0	0.0%	0	6,450	-100.0%
NATURAL GAS OPT	TFO	0	0	0.0%	0	0.0%	0	700	-100.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	0	0.0%	1,800	-100.0%	1,800	600	200.0%
NATURAL GAS PHY	KD	700	1,950	-64.1%	950	-26.3%	10,250	16,980	-39.6%
NATURAL GAS PHY	LN	3,132,995	2,057,164	52.3%	3,426,723	-8.6%	34,218,134	23,906,492	43.1%
NATURAL GAS PHY	ON	90,096	62,879	43.3%	89,449	0.7%	1,113,605	970,874	14.7%
NATURAL GAS PHY	ON3	0	0	-	0	0.0%	2	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	12,658	2,806	351.1%	5,973	111.9%	53,102	25,294	109.9%
PETROCHEMICALS	4H	0	900	-100.0%	0	0.0%	412	4,214	-90.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4K	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0.0%	90	375	-76.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	-	0	0	0.0%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOIUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	500	3,600	-86.1%
RBOB CALENDAR SWAP	RA	12	0	0.0%	0	0.0%	72	3,605	-98.0%
RBOB PHY	OB	949	1,109	-14.4%	833	13.9%	32,421	42,607	-23.9%
RBOB PHY	RF	45	0	0.0%	632	-92.9%	882	1,540	-42.7%
SHORT TERM	U11	0	0	0.0%	0	0.0%	50	400	-87.5%
SHORT TERM	U12	150	200	-25.0%	0	0.0%	200	750	-73.3%
SHORT TERM	U13	200	0	0.0%	200	0.0%	1,150	100	1,050.0%
SHORT TERM	U14	200	0	0.0%	100	100.0%	550	500	10.0%
SHORT TERM	U15	0	0	0.0%	100	-100.0%	100	50	100.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	350	-100.0%
SHORT TERM	U23	0	0	-	0	0.0%	100	0	-
SHORT TERM	U24	0	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	100	400	-75.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	500	250	100.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	250	-100.0%	400	0	0.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	200	-100.0%	4,350	0	0.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	300	950	-68.4%
SHORT TERM NATURAL GAS	U05	0	200	-100.0%	0	0.0%	1,200	700	71.4%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	600	-100.0%	750	550	36.4%
SHORT TERM NATURAL GAS	U07	100	0	0.0%	0	0.0%	100	925	-89.2%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	50	-100.0%	650	200	225.0%
SHORT TERM NATURAL GAS	U09	0	100	-100.0%	150	-100.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	100	-100.0%	550	700	-21.4%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	300	-100.0%	400	0	0.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	50	0	0.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	50	350	-85.7%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	400	600	-33.3%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	0	200	-100.0%	0	0.0%	450	1,150	-60.9%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	350	-71.4%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	300	-100.0%	650	100	550.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	1,800	200	800.0%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
WTI-BRENT BULLET SWAP	BV	475	9,750	-95.1%	16,075	-97.0%	284,817	385,745	-26.2%
WTI CRUDE OIL 1 M CSO FI	7A	127,600	110,575	15.4%	103,000	23.9%	1,052,920	740,925	42.1%
<b>Metals Futures</b>									
COMEX GOLD	GC	3,746,757	3,254,906	15.1%	5,284,103	-29.1%	56,460,012	54,261,767	4.1%
NYMEX HOT ROLLED STEEL	HR	17,731	19,869	-10.8%	27,132	-34.6%	325,682	260,885	24.8%
NYMEX PLATINUM	PL	698,745	541,880	28.9%	568,411	22.9%	6,178,332	5,177,063	19.3%
PALLADIUM	PA	74,938	42,916	74.6%	161,316	-53.5%	918,175	571,034	60.8%
URANIUM	UX	0	0	0.0%	0	0.0%	5	24	-79.2%
COMEX SILVER	SI	1,257,274	1,123,729	11.9%	1,787,659	-29.7%	18,129,593	17,076,680	6.2%
COMEX E-Mini GOLD	QO	19,000	26,372	-28.0%	23,010	-17.4%	359,231	394,418	-8.9%
COMEX E-Mini SILVER	QI	6,079	4,252	43.0%	7,064	-13.9%	71,979	47,184	52.5%
COMEX COPPER	HG	1,827,046	1,285,682	42.1%	2,649,060	-31.0%	25,697,758	21,538,760	19.3%
COMEX MINY COPPER	QC	3,405	2,111	61.3%	5,781	-41.1%	64,939	41,645	55.9%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	2,662	2,211	20.4%	1,068	149.3%	21,158	23,380	-9.5%
ALUMINUM	ALA	0	60	-100.0%	0	0.0%	240	2,030	-88.2%
ALUMINUM	ALI	191,711	53,547	258.0%	161,380	18.8%	1,224,677	419,430	192.0%
ALUMINUM	AUP	6,855	6,399	7.1%	7,574	-9.5%	80,978	85,142	-4.9%
ALUMINUM	EDP	4,660	4,841	-3.7%	7,358	-36.7%	55,714	61,215	-9.0%
ALUMINUM	MJP	0	0	0.0%	0	0.0%	770	3,200	-75.9%
COBALT METAL FUTURES	COB	1,525	3,129	-51.3%	3,635	-58.0%	28,691	17,119	67.6%
COPPER	HGS	1,910	3,498	-45.4%	2,884	-33.8%	18,481	21,429	-13.8%
COPPER	MHG	77,920	54,573	42.8%	93,288	-16.5%	1,220,500	563,707	116.5%
FERROUS PRODUCTS	BUS	1,962	3,922	-50.0%	3,123	-37.2%	16,385	34,505	-52.5%
FERROUS PRODUCTS	FSF	9	0	-	49	-81.6%	328	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	2,074	106	1,856.6%	1,889	9.8%	6,505	7,992	-18.6%
GOLD	SGU	4,694	113	4,054.0%	4,871	-3.6%	12,537	53,552	-76.6%
HOT ROLLED COIL STEEL FUTURES	EHR	4,629	4,968	-6.8%	4,984	-7.1%	60,692	45,735	32.7%
IRON ORE CHINA	TIO	106	740	-85.7%	212	-50.0%	3,175	14,905	-78.7%
LITHIUM CARBONATE FUTURES	LTC	225	0	-	0	0.0%	233	0	-
METALS	HDG	1	5	-80.0%	0	0.0%	1,442	672	114.6%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Futures</b>									
METALS	LTH	3,514	319	1,001.6%	3,663	-4.1%	20,307	468	4,239.1%
METALS	PAC	0	0	0.0%	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	1,347,954	839,181	60.6%	1,217,754	10.7%	16,368,021	12,541,039	30.5%
MOLYBDENUM OXIDE FUTURES	MOX	395	0	-	164	140.9%	1,701	0	-
SILVER	SIL	199,129	180,078	10.6%	241,586	-17.6%	2,679,782	1,999,924	34.0%
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	2,698	460	486.5%	727	271.1%	15,660	1,697	822.8%
COMEX COPPER	HX	77,922	92,487	-15.7%	79,569	-2.1%	1,381,278	1,058,956	30.4%
COMEX GOLD	ECGC	4,380	5,527	-20.8%	3,098	41.4%	66,538	16,131	312.5%
COMEX GOLD	OG	988,686	571,256	73.1%	1,055,064	-6.3%	12,229,929	9,835,445	24.3%
COMEX SILVER	ECSI	323	2,854	-88.7%	728	-55.6%	34,144	10,666	220.1%
COMEX SILVER	SO	120,915	143,064	-15.5%	157,527	-23.2%	1,834,431	1,451,603	26.4%
COPPER	ECHG	166	2,351	-92.9%	360	-53.9%	27,568	7,586	263.4%
COPPER	H1E	268	868	-69.1%	1,218	-78.0%	12,942	3,419	278.5%
COPPER	H1M	169	40	322.5%	201	-15.9%	2,997	1,624	84.5%
COPPER	H1W	4,087	109	3,649.5%	2,815	45.2%	24,216	1,440	1,581.7%
COPPER	H2E	549	275	99.6%	1,282	-57.2%	9,690	3,397	185.3%
COPPER	H2M	192	439	-56.3%	331	-42.0%	4,406	1,394	216.1%
COPPER	H2W	305	195	56.4%	603	-49.4%	6,087	903	574.1%
COPPER	H3E	740	219	237.9%	888	-16.7%	8,201	2,708	202.8%
COPPER	H3M	139	94	47.9%	533	-73.9%	3,035	891	240.6%
COPPER	H3W	163	93	75.3%	422	-61.4%	3,817	516	639.7%
COPPER	H4E	1,523	273	457.9%	215	608.4%	5,959	3,140	89.8%
COPPER	H4M	29	109	-73.4%	0	0.0%	2,046	591	246.2%
COPPER	H4W	387	244	58.6%	779	-50.3%	3,140	889	253.2%
COPPER	H5E	185	1,187	-84.4%	0	0.0%	1,542	1,897	-18.7%
COPPER	H5M	21	95	-77.9%	0	0.0%	898	455	97.4%
COPPER	H5W	0	0	0.0%	84	-100.0%	1,933	966	100.1%
GOLD	1FG	30	0	-	48	-37.5%	93	0	-
GOLD	1MG	25	0	-	34	-26.5%	59	0	-
GOLD	1WG	96	0	-	17	464.7%	119	0	-
GOLD	2FG	101	0	-	64	57.8%	165	0	-
GOLD	2MG	64	0	-	69	-7.2%	133	0	-

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOLUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Options</b>									
GOLD	2WG	20	0	-	226	-91.2%	248	0	-
GOLD	3FG	35	0	-	66	-47.0%	108	0	-
GOLD	3MG	25	0	-	194	-87.1%	219	0	-
GOLD	3WG	22	0	-	27	-18.5%	59	0	-
GOLD	4FG	68	0	-	59	15.3%	131	0	-
GOLD	4MG	18	0	-	0	0.0%	22	0	-
GOLD	4WG	21	0	-	63	-66.7%	85	0	-
GOLD	5FG	130	0	-	0	-	130	0	-
GOLD	5MG	24	0	-	0	0.0%	26	0	-
GOLD	5WG	0	0	-	38	-100.0%	38	0	-
GOLD	G1M	24,539	5,016	389.2%	17,756	38.2%	149,993	37,269	302.5%
GOLD	G1W	31,356	14,705	113.2%	9,183	241.5%	165,798	65,252	154.1%
GOLD	G2M	26,884	11,262	138.7%	15,556	72.8%	152,673	53,978	182.8%
GOLD	G2W	15,705	15,270	2.8%	10,551	48.8%	144,718	59,196	144.5%
GOLD	G3M	12,960	10,018	29.4%	21,270	-39.1%	121,080	39,265	208.4%
GOLD	G3W	14,883	7,468	99.3%	12,954	14.9%	139,185	57,892	140.4%
GOLD	G4M	3,537	1,779	98.8%	0	0.0%	84,146	25,024	236.3%
GOLD	G4W	9,947	3,660	171.8%	17,755	-44.0%	116,771	30,819	278.9%
GOLD	G5M	1,284	1,227	4.6%	0	0.0%	35,813	9,691	269.5%
GOLD	G5W	0	0	0.0%	20,201	-100.0%	47,379	22,942	106.5%
GOLD	OG1	28,574	37,604	-24.0%	50,996	-44.0%	554,759	548,432	1.2%
GOLD	OG2	56,166	43,718	28.5%	51,173	9.8%	606,223	546,231	11.0%
GOLD	OG3	58,545	74,571	-21.5%	56,254	4.1%	597,702	580,856	2.9%
GOLD	OG4	40,498	24,674	64.1%	31,636	28.0%	401,660	432,355	-7.1%
GOLD	OG5	35,394	21,549	64.2%	0	0.0%	178,115	139,154	28.0%
GOLD	OMG	405	0	-	367	10.4%	828	0	-
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	360	300	20.0%
NYMEX HOT ROLLED STEEL	COO	15	0	-	0	-	15	0	-
NYMEX HOT ROLLED STEEL	HRO	2,541	725	250.5%	2,894	-12.2%	32,501	18,790	73.0%
NYMEX HOT ROLLED STEEL	LHO	30	0	-	0	-	30	0	-
NYMEX PLATINUM	PO	11,199	847	1,222.2%	13,533	-17.2%	175,768	52,331	235.9%
PALLADIUM	PAO	993	122	713.9%	1,157	-14.2%	10,094	260	3,782.3%
SILVER	M1S	1,044	584	78.8%	3,053	-65.8%	18,455	6,740	173.8%
SILVER	M2S	2,890	1,533	88.5%	2,328	24.1%	23,785	5,924	301.5%
SILVER	M3S	2,375	474	401.1%	2,312	2.7%	16,652	2,410	591.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Metals Options</b>									
SILVER	M4S	204	219	-6.8%	0	0.0%	8,562	2,714	215.5%
SILVER	M5S	241	65	270.8%	0	0.0%	4,163	609	583.6%
SILVER	SO1	3,321	8,981	-63.0%	7,793	-57.4%	86,751	72,452	19.7%
SILVER	SO2	5,925	7,302	-18.9%	6,687	-11.4%	95,532	67,595	41.3%
SILVER	SO3	7,988	6,209	28.7%	5,769	38.5%	81,116	56,460	43.7%
SILVER	SO4	4,877	4,140	17.8%	4,363	11.8%	55,861	41,565	34.4%
SILVER	SO5	5,272	6,567	-19.7%	0	0.0%	25,248	15,796	59.8%
SILVER	W1S	4,367	1,477	195.7%	1,686	159.0%	28,623	5,077	463.8%
SILVER	W2S	2,802	867	223.2%	1,621	72.9%	22,657	5,264	330.4%
SILVER	W3S	2,784	739	276.7%	2,005	38.9%	21,472	3,364	538.3%
SILVER	W4S	3,257	315	934.0%	2,050	58.9%	15,192	1,235	1,130.1%
SILVER	W5S	0	0	0.0%	2,280	-100.0%	6,675	1,468	354.7%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%
Energy Futures		34,195,891	33,144,983	3.2%	37,466,533	-8.7%	454,100,793	448,015,792	1.4%
Metals Futures		9,502,910	7,459,407	27.4%	12,269,018	-22.5%	130,028,523	115,266,204	12.8%
<b>TOTAL FUTURES</b>		<b>43,698,801</b>	<b>40,604,390</b>	<b>7.6%</b>	<b>49,735,551</b>	<b>-12.1%</b>	<b>584,129,316</b>	<b>563,281,996</b>	<b>3.7%</b>
<b>TOTAL OPTIONS GROUP</b>									
Energy Options		5,990,665	4,414,817	35.7%	7,784,652	-23.0%	74,958,921	60,372,771	24.2%
Metals Options		1,627,328	1,135,926	43.3%	1,682,532	-3.3%	19,908,447	15,415,024	29.1%
<b>TOTAL OPTIONS</b>		<b>7,617,993</b>	<b>5,550,743</b>	<b>37.2%</b>	<b>9,467,184</b>	<b>-19.5%</b>	<b>94,867,368</b>	<b>75,787,795</b>	<b>25.2%</b>



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME DEC 2023	VOLUME DEC 2022	% CHG	VOIUME NOV 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>TOTAL COMBINED</b>								
Ag Products	0	0	0.0%	0		0	0	-
Energy	40,186,556	37,559,800	7.0%	45,251,185	-11.2%	529,059,714	508,388,563	4.1%
Metals	11,130,238	8,595,333	29.5%	13,951,550	-20.2%	149,936,970	130,681,228	14.7%
<b>GRAND TOTAL</b>	<b>51,316,794</b>	<b>46,155,133</b>	<b>11.2%</b>	<b>59,202,735</b>	<b>-13.3%</b>	<b>678,996,684</b>	<b>639,069,791</b>	<b>6.2%</b>