

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 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	19,537,946	15,296,318	27.7%	18,841,297	3.7%	155,545,807	160,437,989	-3.0%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	1,000	-100.0%
MINY WTI CRUDE OIL	QM	261,441	606,717	-56.9%	256,024	2.1%	2,799,392	5,657,503	-50.5%
BRENT OIL LAST DAY	BZ	1,539,022	1,294,898	18.9%	1,285,556	19.7%	10,911,367	13,300,503	-18.0%
HEATING OIL PHY	HO	3,784,471	3,519,325	7.5%	4,003,107	-5.5%	29,563,251	30,524,472	-3.1%
HTG OIL	BH	12	0	0.0%	0	0.0%	96	72	33.3%
MINY HTG OIL	QH	10	9	11.1%	12	-16.7%	94	76	23.7%
RBOB PHY	RB	3,686,800	2,805,231	31.4%	4,365,366	-15.5%	33,562,712	32,292,666	3.9%
MINY RBOB GAS	QU	7	9	-22.2%	7	0.0%	82	83	-1.2%
NATURAL GAS	HP	178,884	124,302	43.9%	201,589	-11.3%	1,711,742	1,549,744	10.5%
LTD NAT GAS	HH	335,520	363,884	-7.8%	382,736	-12.3%	3,142,679	3,186,116	-1.4%
MINY NATURAL GAS	QG	172,950	259,576	-33.4%	191,828	-9.8%	2,062,815	2,886,875	-28.5%
NATURAL GAS PHY	NG	7,283,862	6,111,676	19.2%	8,660,164	-15.9%	74,237,947	65,161,932	13.9%
RBOB GAS	RT	24	0	0.0%	0	0.0%	72	48	50.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	1,630	4,935	-67.0%	4,830	-66.3%	32,780	53,920	-39.2%
ARGUS PROPAN FAR EST INDE	7E	11,200	5,572	101.0%	9,982	12.2%	80,173	51,109	56.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,938	1,992	47.5%	2,902	1.2%	25,720	17,510	46.9%
BRENT BALMO SWAP	J9	0	0	0.0%	50	-100.0%	85	1,587	-94.6%
BRENT CALENDAR SWAP	CY	12,664	11,866	6.7%	12,657	0.1%	84,795	139,638	-39.3%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	30	10	200.0%	0	0.0%	360	250	44.0%
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	8,852	2,772	219.3%	2,476	257.5%	84,808	26,702	217.6%
CAR VINTAGE	NGO	4,783	7,805	-38.7%	5,049	-5.3%	52,970	110,419	-52.0%
CEU ENERGY	TFU	0	0	-	0	0.0%	330	0	-
CEU ENERGY	TTG	5	0	-	155	-96.8%	160	0	-
CHICAGO ETHANOL SWAP	CU	90,765	60,480	50.1%	77,138	17.7%	681,143	539,133	26.3%

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<b>Energy Futures</b>									
CHICAGO ULSD PL VS HO SPR	5C	555	575	-3.5%	365	52.1%	9,200	5,143	78.9%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	65	80	-18.8%	141	-53.9%	692	2,596	-73.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	380	525	-27.6%	824	-53.9%	3,237	3,177	1.9%
CONWAY PROPANE 5 DECIMALS SWAP	8K	19,860	16,784	18.3%	18,847	5.4%	173,247	142,440	21.6%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	419	551	-24.0%	299	40.1%	3,409	3,632	-6.1%
CRUDE OIL OUTRIGHTS	42	1,614	1,010	59.8%	861	87.5%	5,172	8,616	-40.0%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	1,566	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0.0%	0	1,260	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	105	-100.0%
CRUDE OIL OUTRIGHTS	HTT	149,157	78,182	90.8%	179,710	-17.0%	1,307,636	657,118	99.0%
CRUDE OIL OUTRIGHTS	LSW	0	360	-100.0%	0	0.0%	100	4,265	-97.7%
CRUDE OIL OUTRIGHTS	WCW	0	400	-100.0%	0	0.0%	0	17,130	-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	2,043,012	2,641,893	-22.7%	1,939,034	5.4%	17,470,013	23,824,236	-26.7%
CRUDE OIL SPRDS	ANT	1,046	1,600	-34.6%	734	42.5%	7,013	8,136	-13.8%
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	49,325	57,946	-14.9%	62,308	-20.8%	564,282	467,293	20.8%
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	0	0	0.0%	400	-100.0%	800	2,000	-60.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	59,091	45	131,213.3%	66,749	-11.5%	194,484	14,607	1,231.4%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	318	0	0.0%	0	0.0%	1,099	838	31.1%
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	2,808	2,654	5.8%	1,379	103.6%	20,199	17,600	14.8%
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	85	135	-37.0%	110	-22.7%	2,535	1,665	52.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,115	7,574	-72.1%	3,407	-37.9%	35,506	32,095	10.6%
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	3	-100.0%	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	25	0	0.0%	2	1,150.0%	250	546	-54.2%
EUROPEAN GASOIL (ICE)	7F	32	163	-80.4%	0	0.0%	293	13,264	-97.8%
EUROPEAN NAPHTHA BALMO	KZ	33	19	73.7%	5	560.0%	127	176	-27.8%
EUROPEAN NAPHTHA CRACK SPR	EN	2,687	734	266.1%	3,564	-24.6%	28,672	20,115	42.5%
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	546	347	57.3%	1,000	-45.4%	8,235	5,538	48.7%
EURO PROPANE CIF ARA SWA	PS	2,178	2,549	-14.6%	1,625	34.0%	17,553	15,584	12.6%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	75	840	-91.1%	55	36.4%	1,330	1,245	6.8%
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	360	-80.6%
FREIGHT MARKETS	FLJ	0	0	0.0%	36	-100.0%	46	0	0.0%
FREIGHT MARKETS	FLP	0	0	0.0%	25	-100.0%	54	228	-76.3%
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	708	-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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<b>Energy Futures</b>									
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	0	0	0.0%	0	0.0%	0	1,192	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	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	388	121	220.7%	565	-31.3%	2,801	1,961	42.8%
GAS EURO-BOB OXY NWE BARGES CRK	7K	4,644	1,544	200.8%	2,872	61.7%	17,901	23,556	-24.0%
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%	1	-100.0%	1	66	-98.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	0	12	-100.0%	0	0.0%	45	971	-95.4%
GASOIL CRACK SPREAD CALEN	GZ	0	12	-100.0%	0	0.0%	525	10,959	-95.2%
GASOIL MINI CALENDAR SWAP	QA	89	90	-1.1%	207	-57.0%	1,739	2,701	-35.6%
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	3,565	3,550	0.4%	5,636	-36.7%	38,417	41,377	-7.2%
GRP THREE UNL GS (PLT) VS	A8	1,510	2,575	-41.4%	5,131	-70.6%	23,658	29,957	-21.0%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0.0%	0	967	-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	9,418	6,295	49.6%	9,375	0.5%	88,780	91,229	-2.7%
GULF COAST NO.6 FUEL OIL	MF	846	6,527	-87.0%	845	0.1%	34,635	35,540	-2.5%
GULF COAST NO.6 FUEL OIL	MG	15,285	9,420	62.3%	9,591	59.4%	125,101	64,853	92.9%
GULF COAST ULSD CALENDAR	LY	318	25	1,172.0%	0	0.0%	1,180	804	46.8%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	264	0	0.0%	0	0.0%	1,520	3,403	-55.3%
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	3	16	-81.3%	3	0.0%	16	26	-38.5%
HENRY HUB SWAP	NN	20,077	37,713	-46.8%	26,876	-25.3%	279,144	257,020	8.6%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	75	0	0.0%	150	-50.0%	415	2,193	-81.1%
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	5	0	0.0%	0	0.0%	10	428	-97.7%
JAPAN C&F NAPHTHA SWAP	JA	284	16	1,675.0%	205	38.5%	1,618	1,022	58.3%
JAPAN NAPHTHA BALMO SWAP	E6	23	0	0.0%	0	0.0%	35	6	483.3%
JET CIF NWE VS ICE	JC	0	27	-100.0%	0	0.0%	186	1,501	-87.6%
JET FUEL UP-DOWN BALMO CL	1M	1,173	230	410.0%	860	36.4%	9,094	14,996	-39.4%
JKM LNG Futures	JKM	0	733	-100.0%	0	0.0%	0	2,888	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	25	90	-72.2%	190	-86.8%	2,583	2,281	13.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	400	50	700.0%	615	-35.0%	5,080	3,325	52.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0.0%	590	93	534.4%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0.0%	0	1,685	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	11,550	18,361	-37.1%	11,640	-0.8%	145,850	141,161	3.3%
MCCLOSKEY ARA ARGS COAL	MTF	1,219	3,038	-59.9%	801	52.2%	8,953	52,724	-83.0%
MCCLOSKEY RCH BAY COAL	MFF	42	618	-93.2%	0	0.0%	54	4,056	-98.7%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	20	-100.0%	0	0.0%	130	263	-50.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	100	0	0.0%	0	0.0%	310	50	520.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	87	110	-20.9%	190	-54.2%	1,206	2,924	-58.8%
MJC FUT	MJC	30	0	0.0%	0	0.0%	30	0	0.0%
MNC FUT	MNC	577	1,706	-66.2%	844	-31.6%	8,758	15,352	-43.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	28,264	44,485	-36.5%	28,231	0.1%	291,507	330,512	-11.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	260	1,372	-81.0%	715	-63.6%	5,500	8,681	-36.6%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	201,441	194,759	3.4%	237,517	-15.2%	2,043,811	1,506,287	35.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	847	2,323	-63.5%	1,125	-24.7%	18,960	25,477	-25.6%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	22,520	25,144	-10.4%	24,721	-8.9%	227,306	219,739	3.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	910	1,900	-52.1%	292	211.6%	12,138	13,574	-10.6%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	59,908	64,741	-7.5%	84,833	-29.4%	616,535	487,681	26.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	409	1,169	-65.0%	764	-46.5%	9,230	12,910	-28.5%
NATURAL GAS	NWM	0	0	-	0	0.0%	480	0	-
NATURAL GAS PEN SWP	NP	17,546	33,939	-48.3%	21,339	-17.8%	193,645	418,365	-53.7%
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%
NEW YORK ETHANOL SWAP	EZ	935	1,685	-44.5%	650	43.8%	6,677	8,387	-20.4%



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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	1,179	2,098	-43.8%	1,305	-9.7%	19,637	11,451	71.5%
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	25	-100.0%	0	0.0%	750	1,275	-41.2%
NYH NO 2 CRACK SPREAD CAL	HK	1,400	351	298.9%	2,990	-53.2%	31,226	15,606	100.1%
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	1,755	284	518.0%	792	121.6%	12,252	4,572	168.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	31	214	-85.5%	139	-77.7%	1,385	1,308	5.9%
PETROCHEMICALS	32	96	24	300.0%	26	269.2%	675	333	102.7%
PETROCHEMICALS	3NA	36	14	157.1%	59	-39.0%	464	222	109.0%
PETROCHEMICALS	51	15	0	0.0%	30	-50.0%	58	15	286.7%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	424	-85.8%
PETROCHEMICALS	8I	369	753	-51.0%	649	-43.1%	5,603	7,656	-26.8%
PETROCHEMICALS	91	176	509	-65.4%	481	-63.4%	3,480	2,834	22.8%
PETROCHEMICALS	MAA	20	30	-33.3%	140	-85.7%	1,180	460	156.5%
PETROCHEMICALS	MAE	1,325	1,410	-6.0%	1,310	1.1%	12,996	10,290	26.3%
PETROCHEMICALS	MAS	368	180	104.4%	1,058	-65.2%	4,704	3,260	44.3%
PETROCHEMICALS	MBE	0	100	-100.0%	0	0.0%	720	710	1.4%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	346	458	-24.5%	353	-2.0%	4,387	2,297	91.0%
PETROCHEMICALS	PMF	6	2	200.0%	43	-86.0%	75	14	435.7%
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	16,275	12,870	26.5%	18,205	-10.6%	116,986	152,697	-23.4%
PETRO CRCKS & SPRDS NA	EXR	687	90	663.3%	460	49.3%	2,705	2,549	6.1%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0.0%	935	700	33.6%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	375	150	150.0%

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.

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Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0.0%	96	275	-65.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	650	-100.0%	1,445	1,350	7.0%
PETRO CRCKS & SPRDS NA	HOB	200	0	0.0%	0	0.0%	1,530	577	165.2%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	500	100	400.0%	926	-46.0%	5,975	5,953	0.4%
PETRO CRCKS & SPRDS NA	RVG	0	15	-100.0%	1,837	-100.0%	10,956	17,815	-38.5%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	12	0	-
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0.0%	265	1,785	-85.2%
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	605	-80.2%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	246	455	-45.9%	479	-48.6%	3,640	3,591	1.4%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0.0%	375	787	-52.4%
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	125	30	316.7%	33	278.8%	917	842	8.9%
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	0	300	-100.0%	0	0.0%	1,020	1,240	-17.7%
PETROLEUM PRODUCTS	EWG	102	774	-86.8%	0	0.0%	1,508	4,617	-67.3%
PETROLEUM PRODUCTS	H5F	80	285	-71.9%	55	45.5%	535	635	-15.7%
PETROLEUM PRODUCTS	JCC	1,111	220	405.0%	375	196.3%	9,456	11,266	-16.1%
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	11	63	-82.5%	20	-45.0%	137	432	-68.3%
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	50	0	0.0%	0	0.0%	260	1,148	-77.4%
PETROLEUM PRODUCTS ASIA	E6M	30	5	500.0%	30	0.0%	75	40	87.5%
PETROLEUM PRODUCTS ASIA	MJN	1,048	230	355.7%	178	488.8%	4,020	6,856	-41.4%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%



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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0D	130	24	441.7%	36	261.1%	334	233	43.3%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0F	40	0	0.0%	0	0.0%	40	9	344.4%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0.0%	90	10	800.0%
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%	67	38	76.3%
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	92	116	-20.7%	85	8.2%	1,973	1,674	17.9%
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	0	456	-100.0%	95	-100.0%	2,228	1,285	73.4%
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	870	1,107	-21.4%	950	-8.4%	8,076	10,198	-20.8%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	MBN	1,112	777	43.1%	813	36.8%	6,369	5,611	13.5%
PETRO OUTRIGHT EURO	MEF	0	15	-100.0%	20	-100.0%	22	94	-76.6%
PETRO OUTRIGHT EURO	MQA	255	0	0.0%	260	-1.9%	1,857	188	887.8%
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	833	1,822	-54.3%	824	1.1%	9,686	16,277	-40.5%
PETRO OUTRIGHT EURO	R5O	575	773	-25.6%	553	4.0%	5,235	9,113	-42.6%
PETRO OUTRIGHT EURO	RBM	0	6	-100.0%	5	-100.0%	107	112	-4.5%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	6	-100.0%	7	5	40.0%
PETRO OUTRIGHT EURO	S5F	494	88	461.4%	583	-15.3%	3,607	1,049	243.9%
PETRO OUTRIGHT EURO	S5M	1,485	1,784	-16.8%	1,442	3.0%	14,925	19,640	-24.0%
PETRO OUTRIGHT EURO	S5O	849	1,221	-30.5%	936	-9.3%	6,860	25,269	-72.9%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	SR5	0	30	-100.0%	0	0.0%	240	108	122.2%
PETRO OUTRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ULB	50	0	-	275	-81.8%	475	0	-



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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	A8B	500	350	42.9%	35	1,328.6%	1,665	2,255	-26.2%
PETRO OUTRIGHT NA	AB6	30	25	20.0%	0	0.0%	2,670	2,855	-6.5%
PETRO OUTRIGHT NA	BCR	1,050	800	31.3%	1,158	-9.3%	10,213	23,120	-55.8%
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	200	700	-71.4%	2,725	-92.7%	13,985	4,810	190.7%
PETRO OUTRIGHT NA	JTB	330	0	0.0%	275	20.0%	2,205	2,061	7.0%
PETRO OUTRIGHT NA	MBL	0	90	-100.0%	0	0.0%	217	785	-72.4%
PETRO OUTRIGHT NA	MEN	5	8	-37.5%	50	-90.0%	373	581	-35.8%
PETRO OUTRIGHT NA	MEO	214	380	-43.7%	0	0.0%	1,146	2,309	-50.4%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	MMF	0	10	-100.0%	0	0.0%	0	10	-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	3,098	1,080	186.9%	1,157	167.8%	9,972	8,572	16.3%
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	710	970	-26.8%	1,078	-34.1%	11,270	14,126	-20.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	20,721	10,757	92.6%	35,445	-41.5%	225,503	113,653	98.4%
RBOB CALENDAR SWAP	RL	9,903	2,775	256.9%	7,423	33.4%	72,904	43,905	66.0%
RBOB CRACK SPREAD	RM	475	435	9.2%	2,880	-83.5%	18,996	14,517	30.9%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	100	127	-21.3%
RBOB GASOLINE BALMO CLNDR	1D	610	370	64.9%	1,146	-46.8%	9,335	11,869	-21.3%
RBOB PHY	MRB	5	2	150.0%	16	-68.8%	44	28	57.1%
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	555	-94.6%
SINGAPORE 180CST BALMO	BS	5	0	0.0%	0	0.0%	21	2	950.0%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	641	4	15,925.0%	336	90.8%	2,000	1,291	54.9%
SINGAPORE FUEL 180CST CAL	UA	10	0	-	5	100.0%	15	0	-

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<b>Energy Futures</b>									
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	18	-100.0%	0	0.0%	24	57	-57.9%
SINGAPORE GASOIL	MAF	0	51	-100.0%	0	0.0%	236	3,880	-93.9%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0.0%	0	196	-100.0%
SINGAPORE GASOIL	MTS	320	203	57.6%	117	173.5%	3,066	2,982	2.8%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0.0%	10	332	-97.0%
SINGAPORE GASOIL CALENDAR	MSG	45	27	66.7%	48	-6.3%	509	1,185	-57.0%
SINGAPORE GASOIL SWAP	SG	1,370	0	0.0%	874	56.8%	7,577	3,140	141.3%
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	30	0	0.0%	1,074	-97.2%	4,466	600	644.3%
TC2 ROTTERDAM TO USAC 37K	TM	0	30	-100.0%	0	0.0%	172	294	-41.5%
TC5 RAS TANURA TO YOKOHAM	TH	0	48	-100.0%	0	0.0%	0	243	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	60	-100.0%	0	0.0%	0	6,245	-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	3,925	1,675	134.3%	5,139	-23.6%	56,144	54,144	3.7%
UP DOWN GC ULSD VS NMX HO	LT	22,312	14,394	55.0%	41,036	-45.6%	272,480	242,435	12.4%
WTI-BRENT CALENDAR SWAP	BK	44,854	38,465	16.6%	67,276	-33.3%	457,813	470,599	-2.7%
WTI CALENDAR	CS	72,151	67,910	6.2%	65,318	10.5%	566,896	577,453	-1.8%
WTI MIDLAND CRUDE OIL	WTL	0	300	-100.0%	0	0.0%	1,900	300	533.3%
WTS (ARGUS) VS WTI SWAP	FF	2,221	4,695	-52.7%	9,336	-76.2%	29,882	27,472	8.8%
WTS (ARGUS) VS WTI TRD MT	FH	0	700	-100.0%	600	-100.0%	2,509	7,035	-64.3%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	0	0	0.0%	546	-100.0%	2,160	3,128	-30.9%
BRENT CRUDE OIL 1 M CSO	9C	6,000	0	0.0%	0	0.0%	6,600	101,250	-93.5%
BRENT OIL LAST DAY	BE	0	5,600	-100.0%	0	0.0%	28,196	95,937	-70.6%
BRENT OIL LAST DAY	BZO	6,431	12,291	-47.7%	9,900	-35.0%	90,913	164,216	-44.6%
COAL API2 INDEX	F2C	195	0	0.0%	0	0.0%	475	390	21.8%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	0	100	-100.0%
CRUDE OIL	6Y	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	WA	139,025	25,195	451.8%	120,300	15.6%	612,175	560,253	9.3%

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<b>Energy Options</b>									
CRUDE OIL APO	AO	58,051	9,897	486.6%	32,884	76.5%	281,263	185,708	51.5%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	8,337	1,428	483.8%	6,725	24.0%	59,123	1,428	4,040.3%
CRUDE OIL PHY	LC	26,928	25,145	7.1%	18,588	44.9%	242,716	327,883	-26.0%
CRUDE OIL PHY	LO	2,832,062	2,099,884	34.9%	2,545,167	11.3%	21,644,727	22,197,277	-2.5%
CRUDE OIL PHY	LO1	35,017	20,780	68.5%	68,656	-49.0%	436,084	280,973	55.2%
CRUDE OIL PHY	LO2	37,165	25,183	47.6%	50,525	-26.4%	411,106	214,590	91.6%
CRUDE OIL PHY	LO3	16,708	13,018	28.3%	37,492	-55.4%	289,379	148,527	94.8%
CRUDE OIL PHY	LO4	63,236	44,488	42.1%	54,337	16.4%	422,140	301,839	39.9%
CRUDE OIL PHY	LO5	65,113	31,914	104.0%	0	0.0%	191,018	76,069	151.1%
CRUDE OIL PHY	MCO	60,866	11,974	408.3%	23,312	161.1%	195,126	28,061	595.4%
CRUDE OIL PHY	ML1	17,745	0	-	6,641	167.2%	24,388	0	-
CRUDE OIL PHY	ML2	12,456	0	-	6,146	102.7%	18,602	0	-
CRUDE OIL PHY	ML3	15,763	0	-	8,116	94.2%	23,879	0	-
CRUDE OIL PHY	ML4	13,531	0	-	8,021	68.7%	21,552	0	-
CRUDE OIL PHY	MW1	1,676	670	150.1%	4,361	-61.6%	16,566	4,038	310.3%
CRUDE OIL PHY	MW2	2,305	1,496	54.1%	1,513	52.3%	15,564	5,135	203.1%
CRUDE OIL PHY	MW3	872	917	-4.9%	589	48.0%	11,619	2,431	378.0%
CRUDE OIL PHY	MW4	1,417	1,419	-0.1%	1,686	-16.0%	19,326	6,423	200.9%
CRUDE OIL PHY	MW5	1,812	1,756	3.2%	0	0.0%	6,461	3,293	96.2%
CRUDE OIL PHY	WL1	14,663	0	-	4,105	257.2%	18,768	0	-
CRUDE OIL PHY	WL2	13,770	0	-	7,565	82.0%	21,336	0	-
CRUDE OIL PHY	WL3	13,820	0	-	9,133	51.3%	22,953	0	-
CRUDE OIL PHY	WL4	13,587	0	-	9,130	48.8%	22,717	0	-
CRUDE OIL PHY	WL5	0	0	-	12,816	-100.0%	12,816	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	6,171	1,454	324.4%	2,455	151.4%	24,190	27,339	-11.5%
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	0	0	0.0%	78	-100.0%	184	382	-51.8%
HEATING OIL PHY	OH	9,888	8,053	22.8%	19,227	-48.6%	101,985	98,627	3.4%
HENRY HUB FINANCIAL LAST	E7	31,564	1,665	1,795.7%	29,301	7.7%	158,269	41,224	283.9%
HENRY HUB FINANCIAL LAST	ECNG	1,510	2,807	-46.2%	967	56.2%	19,466	2,807	593.5%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
HO 1 MONTH CLNDR OPTIONS	FA	6,000	0	0.0%	7,350	-18.4%	35,000	5,375	551.2%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	0	1,200	-100.0%	0	0.0%	3,000	4,500	-33.3%
MCCLOSKEY ARA ARG5 COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	1,401	15	9,240.0%	1,662	-15.7%	3,465	697	397.1%
NATURAL GAS	LN2	28	792	-96.5%	272	-89.7%	644	1,502	-57.1%
NATURAL GAS	LN3	791	0	0.0%	56	1,312.5%	1,662	1,072	55.0%
NATURAL GAS	LN4	24	1	2,300.0%	375	-93.6%	1,562	1,517	3.0%
NATURAL GAS	LN5	1	0	0.0%	0	0.0%	15	5	200.0%
NATURAL GAS 1 M CSO FIN	G4	82,175	77,700	5.8%	118,975	-30.9%	790,007	833,392	-5.2%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	1,250	14,100	-91.1%
NATURAL GAS 3 M CSO FIN	G3	24,910	41,740	-40.3%	64,220	-61.2%	629,180	350,290	79.6%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	8,650	46,250	-81.3%
NATURAL GAS 6 M CSO FIN	G6	0	2,000	-100.0%	0	0.0%	65,250	87,400	-25.3%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	200	-100.0%	0	0.0%	0	5,600	-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%	0	0.0%	0	600	-100.0%
NATURAL GAS PHY	KD	3,400	2,750	23.6%	1,800	88.9%	7,450	14,330	-48.0%
NATURAL GAS PHY	LN	2,586,282	1,448,308	78.6%	3,238,942	-20.2%	23,601,628	18,152,855	30.0%
NATURAL GAS PHY	ON	82,627	54,840	50.7%	112,882	-26.8%	807,551	783,650	3.0%
NATURAL GAS PHY	ON3	0	0	-	0	0.0%	1	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	4,002	1,487	169.1%	3,296	21.4%	32,553	18,878	72.4%
PETROCHEMICALS	4H	6	30	-80.0%	3	100.0%	412	3,194	-87.1%
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%
RBOB 1MO CAL SPD OPTIONS	ZA	0	500	-100.0%	500	-100.0%	500	3,050	-83.6%
RBOB CALENDAR SWAP	RA	0	16	-100.0%	60	-100.0%	60	3,573	-98.3%
RBOB PHY	OB	1,066	7,148	-85.1%	4,838	-78.0%	29,453	38,217	-22.9%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>									
RBOB PHY	RF	0	30	-100.0%	142	-100.0%	187	1,430	-86.9%
SHORT TERM	U11	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	0	550	-100.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	700	100	600.0%
SHORT TERM	U14	150	0	0.0%	0	0.0%	250	500	-50.0%
SHORT TERM	U15	0	50	-100.0%	0	0.0%	0	50	-100.0%
SHORT TERM	U22	0	150	-100.0%	0	0.0%	0	350	-100.0%
SHORT TERM	U23	0	0	-	0	0.0%	50	0	-
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	400	-100.0%
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%	0	0.0%	150	0	0.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	4,150	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	0	0.0%	0	0.0%	1,000	500	100.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	150	550	-72.7%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	0	925	-100.0%
SHORT TERM NATURAL GAS	U08	600	0	0.0%	0	0.0%	600	200	200.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	400	200	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	100	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%	0	350	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	300	550	-45.5%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U21	100	0	0.0%	350	-71.4%	450	950	-52.6%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U28	100	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	200	-100.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	1,700	200	750.0%
WTI-BRENT BULLET SWAP	BV	105,867	29,300	261.3%	28,100	276.8%	236,067	334,795	-29.5%
WTI CRUDE OIL 1 M CSO FI	7A	155,335	47,400	227.7%	97,150	59.9%	713,445	507,800	40.5%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	3,788,096	4,530,210	-16.4%	3,526,416	7.4%	42,439,725	41,588,809	2.0%
NYMEX HOT ROLLED STEEL	HR	27,035	21,065	28.3%	20,311	33.1%	248,191	200,280	23.9%
NYMEX PLATINUM	PL	700,156	556,416	25.8%	492,256	42.2%	4,409,780	3,785,614	16.5%
PALLADIUM	PA	52,886	33,013	60.2%	122,939	-57.0%	599,719	410,166	46.2%
URANIUM	UX	4	0	0.0%	0	0.0%	4	24	-83.3%
COMEX SILVER	SI	1,293,446	1,358,791	-4.8%	1,869,421	-30.8%	13,645,703	12,757,214	7.0%
COMEX E-Mini GOLD	QO	13,846	36,484	-62.0%	18,890	-26.7%	292,353	274,456	6.5%
COMEX E-Mini SILVER	QI	5,414	3,252	66.5%	4,124	31.3%	51,748	33,986	52.3%
COMEX COPPER	HG	1,619,243	1,736,368	-6.7%	2,540,100	-36.3%	19,217,489	15,933,253	20.6%
COMEX MINY COPPER	QC	3,767	3,038	24.0%	5,354	-29.6%	49,955	32,136	55.4%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	1,080	661	63.4%	10	10,700.0%	17,298	16,136	7.2%
ALUMINUM	ALA	0	150	-100.0%	0	0.0%	240	1,925	-87.5%
ALUMINUM	ALI	122,352	55,476	120.5%	90,973	34.5%	742,435	268,552	176.5%
ALUMINUM	AUP	7,583	6,792	11.6%	4,716	60.8%	56,536	61,736	-8.4%
ALUMINUM	EDP	4,735	3,869	22.4%	850	457.1%	37,070	42,459	-12.7%
ALUMINUM	MJP	0	120	-100.0%	10	-100.0%	770	2,860	-73.1%
COBALT METAL FUTURES	COB	1,376	1,244	10.6%	1,320	4.2%	22,682	8,294	173.5%
COPPER	HGS	448	75	497.3%	986	-54.6%	13,160	14,513	-9.3%
COPPER	MHG	92,390	66,738	38.4%	105,572	-12.5%	957,264	345,781	176.8%
FERROUS PRODUCTS	BUS	1,180	2,865	-58.8%	1,075	9.8%	9,362	23,330	-59.9%
FERROUS PRODUCTS	FSF	14	0	-	12	16.7%	168	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	0	445	-100.0%	115	-100.0%	1,998	7,347	-72.8%
GOLD	SGU	18	2,461	-99.3%	138	-87.0%	2,164	52,387	-95.9%
HOT ROLLED COIL STEEL FUTURES	EHR	4,353	5,231	-16.8%	3,924	10.9%	45,656	29,638	54.0%
IRON ORE CHINA	TIO	239	870	-72.5%	770	-69.0%	2,645	12,533	-78.9%
LITHIUM CARBONATE FUTURES	LTC	0	0	-	0	0.0%	8	0	-
METALS	HDG	0	125	-100.0%	0	0.0%	1,431	617	131.9%
METALS	LTH	3,206	24	13,258.3%	2,435	31.7%	9,719	24	40,395.8%
METALS	PAC	0	0	0.0%	0	0.0%	500	1,300	-61.5%
MICRO GOLD	MGC	870,802	1,047,637	-16.9%	1,052,708	-17.3%	12,347,111	9,739,019	26.8%
MOLYBDENUM OXIDE FUTURES	MOX	69	0	-	131	-47.3%	976	0	-
SILVER	SIL	206,269	170,902	20.7%	207,345	-0.5%	1,962,816	1,447,625	35.6%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	1,690	218	675.2%	929	81.9%	10,543	218	4,736.2%
COMEX COPPER	HX	81,905	110,321	-25.8%	109,564	-25.2%	1,122,410	758,351	48.0%
COMEX GOLD	ECGC	4,868	2,310	110.7%	4,732	2.9%	54,699	2,310	2,267.9%
COMEX GOLD	OG	973,509	845,430	15.1%	746,581	30.4%	8,663,702	7,638,954	13.4%
COMEX SILVER	ECSI	518	2,374	-78.2%	616	-15.9%	32,958	2,374	1,288.3%
COMEX SILVER	SO	127,488	151,084	-15.6%	149,882	-14.9%	1,388,630	986,379	40.8%
COPPER	ECHG	1,729	1,568	10.3%	415	316.6%	26,710	1,568	1,603.4%
COPPER	H1E	326	219	48.9%	1,799	-81.9%	7,825	1,531	411.1%
COPPER	H1M	96	665	-85.6%	1,072	-91.0%	2,567	942	172.5%
COPPER	H1W	3,692	200	1,746.0%	4,264	-13.4%	10,930	1,140	858.8%
COPPER	H2E	1,055	178	492.7%	608	73.5%	7,168	2,017	255.4%
COPPER	H2M	184	146	26.0%	230	-20.0%	3,154	662	376.4%
COPPER	H2W	417	46	806.5%	175	138.3%	3,475	331	949.8%
COPPER	H3E	473	77	514.3%	578	-18.2%	6,292	1,854	239.4%
COPPER	H3M	208	92	126.1%	304	-31.6%	2,146	671	219.8%
COPPER	H3W	91	30	203.3%	224	-59.4%	2,834	249	1,038.2%
COPPER	H4E	304	94	223.4%	540	-43.7%	3,821	2,024	88.8%
COPPER	H4M	268	11	2,336.4%	21	1,176.2%	1,882	313	501.3%
COPPER	H4W	160	325	-50.8%	130	23.1%	1,450	575	152.2%
COPPER	H5E	730	231	216.0%	0	0.0%	1,357	710	91.1%
COPPER	H5M	0	0	0.0%	0	0.0%	620	219	183.1%
COPPER	H5W	0	0	0.0%	1,258	-100.0%	1,849	713	159.3%
GOLD	G1M	19,155	9,174	108.8%	7,721	148.1%	98,880	19,584	404.9%
GOLD	G1W	13,865	10,043	38.1%	10,962	26.5%	101,800	32,242	215.7%
GOLD	G2M	9,952	8,643	15.1%	8,998	10.6%	97,259	29,837	226.0%
GOLD	G2W	10,239	9,308	10.0%	11,043	-7.3%	102,043	26,537	284.5%
GOLD	G3M	6,741	7,777	-13.3%	10,343	-34.8%	66,742	18,584	259.1%
GOLD	G3W	8,365	12,095	-30.8%	9,297	-10.0%	95,609	34,588	176.4%
GOLD	G4M	7,820	5,490	42.4%	787	893.6%	61,422	14,582	321.2%
GOLD	G4W	12,536	6,020	108.2%	8,875	41.3%	73,865	22,152	233.4%
GOLD	G5M	0	0	0.0%	0	0.0%	14,566	4,645	213.6%
GOLD	G5W	0	0	0.0%	8,926	-100.0%	27,178	14,006	94.0%
GOLD	OG1	37,361	26,027	43.5%	48,526	-23.0%	410,052	411,295	-0.3%
GOLD	OG2	22,537	29,279	-23.0%	37,097	-39.2%	438,215	413,329	6.0%





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Commodity		VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOLUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Metals Options</b>									
GOLD	OG3	22,346	39,223	-43.0%	38,243	-41.6%	426,262	427,259	-0.2%
GOLD	OG4	32,712	47,012	-30.4%	29,758	9.9%	299,348	361,893	-17.3%
GOLD	OG5	68,237	39,404	73.2%	0	0.0%	142,721	117,605	21.4%
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	0	300	-100.0%
NYMEX HOT ROLLED STEEL	HRO	3,027	1,050	188.3%	2,370	27.7%	21,330	13,400	59.2%
NYMEX PLATINUM	PO	12,300	1,678	633.0%	13,154	-6.5%	143,868	45,665	215.1%
PALLADIUM	PAO	354	4	8,750.0%	464	-23.7%	7,294	127	5,643.3%
SILVER	M1S	1,907	243	684.8%	1,019	87.1%	12,497	930	1,243.8%
SILVER	M2S	1,241	684	81.4%	3,516	-64.7%	16,742	2,202	660.3%
SILVER	M3S	1,673	346	383.5%	2,919	-42.7%	9,967	1,189	738.3%
SILVER	M4S	780	245	218.4%	132	490.9%	6,860	1,001	585.3%
SILVER	M5S	0	0	0.0%	0	0.0%	2,289	202	1,033.2%
SILVER	SO1	4,923	3,231	52.4%	8,947	-45.0%	64,524	40,224	60.4%
SILVER	SO2	6,343	2,652	139.2%	8,200	-22.6%	71,981	43,651	64.9%
SILVER	SO3	4,605	4,398	4.7%	7,196	-36.0%	57,957	34,082	70.1%
SILVER	SO4	6,128	3,226	90.0%	6,621	-7.4%	42,665	30,338	40.6%
SILVER	SO5	7,763	3,754	106.8%	0	0.0%	19,976	9,229	116.4%
SILVER	W1S	2,896	925	213.1%	2,582	12.2%	19,291	2,169	789.4%
SILVER	W2S	1,440	1,067	35.0%	1,798	-19.9%	14,100	1,959	619.8%
SILVER	W3S	2,477	453	446.8%	1,929	28.4%	14,895	1,463	918.1%
SILVER	W4S	1,156	110	950.9%	1,651	-30.0%	8,229	658	1,150.6%
SILVER	W5S	0	0	0.0%	2,431	-100.0%	4,395	756	481.3%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%
Energy Futures		39,874,386	33,934,217	17.5%	41,345,242	-3.6%	340,775,913	347,089,861	-1.8%
Metals Futures		8,820,007	9,644,322	-8.5%	10,072,901	-12.4%	97,186,676	87,092,014	11.6%
<b>TOTAL FUTURES</b>		<b>48,694,393</b>	<b>43,578,539</b>	<b>11.7%</b>	<b>51,418,143</b>	<b>-5.3%</b>	<b>437,962,589</b>	<b>434,181,875</b>	<b>0.9%</b>

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	6,582,549	4,062,691	62.0%	6,781,455	-2.9%	52,454,574	46,105,280	13.8%
Metals Options	1,530,590	1,389,180	10.2%	1,319,427	16.0%	14,351,844	11,581,788	23.9%
<b>TOTAL OPTIONS</b>	<b>8,113,139</b>	<b>5,451,871</b>	<b>48.8%</b>	<b>8,100,882</b>	<b>0.2%</b>	<b>66,806,418</b>	<b>57,687,068</b>	<b>15.8%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	0	0.0%	0		0	0	-
Energy	46,456,935	37,996,908	22.3%	48,126,697	-3.5%	393,230,487	393,195,141	0.0%
Metals	10,350,597	11,033,502	-6.2%	11,392,328	-9.1%	111,538,520	98,673,802	13.0%
<b>GRAND TOTAL</b>	<b>56,807,532</b>	<b>49,030,410</b>	<b>15.9%</b>	<b>59,519,025</b>	<b>-4.6%</b>	<b>504,769,007</b>	<b>491,868,943</b>	<b>2.6%</b>