

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Ag Products Futures</b>									
COFFEE	KT	0	0	0.0%	0	0.0%	0	2	-100.0%
COTTON	TT	0	0	0.0%	0	-	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	-	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	15,296,318	18,937,675	-19.2%	17,577,744	-13.0%	160,437,989	183,478,183	-12.6%
CRUDE OIL	WS	0	0	0.0%	1,000	-100.0%	1,000	3,732	-73.2%
MINY WTI CRUDE OIL	QM	606,717	337,945	79.5%	648,067	-6.4%	5,657,503	3,731,167	51.6%
BRENT OIL LAST DAY	BZ	1,294,898	1,876,311	-31.0%	1,329,676	-2.6%	13,300,503	18,130,458	-26.6%
HEATING OIL PHY	HO	3,519,325	3,558,345	-1.1%	3,302,796	6.6%	30,524,472	28,202,935	8.2%
HTG OIL	BH	0	0	0.0%	0	0.0%	72	112	-35.7%
MINY HTG OIL	QH	9	5	80.0%	10	-10.0%	76	57	33.3%
RBOB PHY	RB	2,805,231	4,001,548	-29.9%	3,250,192	-13.7%	32,292,666	36,392,964	-11.3%
MINY RBOB GAS	QU	9	7	28.6%	14	-35.7%	83	79	5.1%
NATURAL GAS	HP	124,302	275,460	-54.9%	128,704	-3.4%	1,549,744	1,364,819	13.5%
LTD NAT GAS	HH	363,884	444,844	-18.2%	301,924	20.5%	3,186,116	2,965,194	7.5%
MINY NATURAL GAS	QG	259,576	367,665	-29.4%	384,388	-32.5%	2,886,875	1,255,425	130.0%
PJM MONTHLY	JM	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	NG	6,111,676	10,407,473	-41.3%	5,828,944	4.9%	65,161,932	73,342,127	-11.2%
RBOB GAS	RT	0	0	0.0%	0	0.0%	48	60	-20.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	4,935	16,140	-69.4%	9,900	-50.2%	53,920	81,977	-34.2%
ARGUS PROPAN FAR EST INDE	7E	5,572	7,859	-29.1%	6,236	-10.6%	51,109	53,527	-4.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,992	2,158	-7.7%	1,416	40.7%	17,510	15,972	9.6%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	-	0	0	0.0%
BRENT BALMO SWAP	J9	0	300	-100.0%	0	0.0%	1,587	1,314	20.8%
BRENT CALENDAR SWAP	CY	11,866	25,890	-54.2%	25,397	-53.3%	139,638	93,017	50.1%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	10	0	0.0%	0	0.0%	250	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	0	68	-100.0%
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%

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CAR VINTAGE	GEO	2,772	2,432	14.0%	4,894	-43.4%	26,702	7,526	254.8%
CAR VINTAGE	NGO	7,805	3,004	159.8%	15,631	-50.1%	110,419	14,069	684.8%
CHICAGO ETHANOL SWAP	CU	60,480	64,709	-6.5%	72,130	-16.2%	539,133	651,587	-17.3%
CHICAGO ULSD PL VS HO SPR	5C	575	75	666.7%	455	26.4%	5,143	3,562	44.4%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	425	-100.0%
CIG BASIS	CI	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%
CIN HUB 5MW REAL TIME O P	H4	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%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	80	40	100.0%	795	-89.9%	2,596	3,145	-17.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	525	359	46.2%	110	377.3%	3,177	2,507	26.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	16,784	21,563	-22.2%	17,336	-3.2%	142,440	132,453	7.5%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	551	39	1,312.8%	135	308.1%	3,632	2,407	50.9%
CRUDE OIL OUTRIGHTS	42	1,010	572	76.6%	760	32.9%	8,616	2,904	196.7%
CRUDE OIL OUTRIGHTS	CC5	0	255	-100.0%	0	0.0%	1,566	9,426	-83.4%
CRUDE OIL OUTRIGHTS	CSW	0	90	-100.0%	0	0.0%	1,260	13,989	-91.0%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	60	-100.0%	0	0.0%	105	2,464	-95.7%
CRUDE OIL OUTRIGHTS	HTT	78,182	62,045	26.0%	93,670	-16.5%	657,118	528,612	24.3%
CRUDE OIL OUTRIGHTS	LSW	360	2,394	-85.0%	75	380.0%	4,265	9,697	-56.0%
CRUDE OIL OUTRIGHTS	WCW	400	3,465	-88.5%	200	100.0%	17,130	31,312	-45.3%
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	20,147	-100.0%
CRUDE OIL PHY	MCL	2,641,893	1,108,408	138.4%	2,949,607	-10.4%	23,824,236	3,342,113	612.8%
CRUDE OIL SPRDS	38	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	ANT	1,600	1,050	52.4%	555	188.3%	8,136	3,487	133.3%
CRUDE OIL SPRDS	HIL	0	0	0.0%	0	0.0%	3,255	5,100	-36.2%
CRUDE OIL SPRDS	WTT	57,946	9,612	502.9%	54,619	6.1%	467,293	209,775	122.8%
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%

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DAILY PJM	PAP	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%
DAILY PJM	PNO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	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%
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	0.0%
DAILY PJM	ZGO	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%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	600	-100.0%	0	0.0%	2,220	1,815	22.3%
DIESEL 10P BRG FOB RDM VS	7X	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%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	2,000	0	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	45	25,741	-99.8%	168	-73.2%	14,607	422,113	-96.5%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	321	-100.0%	22	-100.0%	838	4,303	-80.5%
ELEC FINSETTLED	47	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%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	2,654	0	-	5,419	-51.0%	17,600	0	-
ETHANOL	MTH	0	0	0.0%	0	0.0%	10	10	0.0%
ETHANOL SWAP	MT2	135	430	-68.6%	95	42.1%	1,665	1,593	4.5%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	7,574	5,282	43.4%	5,398	40.3%	32,095	32,009	0.3%
EURO 3.5% FUEL OIL RDAM B	KR	0	10	-100.0%	0	0.0%	0	16	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	3	0	-	0	-	3	0	-
EURO GASOIL 10PPM VS ICE	ET	0	597	-100.0%	0	0.0%	1,169	1,580	-26.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	84	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0.0%	0	13	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	100	-100.0%	0	0.0%	546	396	37.9%
EUROPEAN GASOIL (ICE)	7F	163	902	-81.9%	502	-67.5%	13,264	5,376	146.7%

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EUROPEAN NAPHTHA BALMO	KZ	19	23	-17.4%	5	280.0%	176	43	309.3%
EUROPEAN NAPHTHA CRACK SPR	EN	734	5,438	-86.5%	1,833	-60.0%	20,115	14,897	35.0%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	0	20	-100.0%
EUROPE NAPHTHA CALSWAP	UN	347	579	-40.1%	460	-24.6%	5,538	5,308	4.3%
EURO PROPANE CIF ARA SWA	PS	2,549	2,345	8.7%	1,690	50.8%	15,584	13,451	15.9%
FREIGHT MARKETS	ACB	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0.0%	0	119	-100.0%
FREIGHT MARKETS	BF3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	840	70	1,100.0%	60	1,300.0%	1,245	130	857.7%
FREIGHT MARKETS	CS3	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	CS4	0	0	-	0	0.0%	360	0	-
FREIGHT MARKETS	FLJ	0	15	-100.0%	0	0.0%	0	82	-100.0%
FREIGHT MARKETS	FLP	0	4	-100.0%	6	-100.0%	228	594	-61.6%
FREIGHT MARKETS	FRC	0	0	0.0%	36	-100.0%	36	70	-48.6%
FREIGHT MARKETS	T2D	0	200	-100.0%	0	0.0%	708	475	49.1%
FREIGHT MARKETS	T7C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	0.0%	0	10	-100.0%
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%
FREIGHT MARKETS	USE	0	0	0.0%	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	255	-100.0%	0	0.0%	1,192	2,143	-44.4%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	66	72	-8.3%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	-	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	121	938	-87.1%	257	-52.9%	1,961	6,087	-67.8%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,544	8,193	-81.2%	1,715	-10.0%	23,556	46,033	-48.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	45	60	-25.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	10	42	-76.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	15	-100.0%	1	-100.0%	66	148	-55.4%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	12	280	-95.7%	18	-33.3%	971	1,118	-13.1%
GASOIL CRACK SPREAD CALEN	GZ	12	4,447	-99.7%	105	-88.6%	10,959	14,293	-23.3%

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GASOIL MINI CALENDAR SWAP	QA	90	335	-73.1%	100	-10.0%	2,701	3,158	-14.5%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	108	-100.0%	0	0.0%	0	192	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	-	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	3,550	2,120	67.5%	2,242	58.3%	41,377	37,625	10.0%
GRP THREE UNL GS (PLT) VS	A8	2,575	3,075	-16.3%	1,760	46.3%	29,957	24,044	24.6%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	120	-100.0%	967	712	35.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	6,295	20,356	-69.1%	7,425	-15.2%	91,229	195,759	-53.4%
GULF COAST NO.6 FUEL OIL	MF	6,527	1,399	366.5%	6,407	1.9%	35,540	17,909	98.4%
GULF COAST NO.6 FUEL OIL	MG	9,420	7,025	34.1%	8,128	15.9%	64,853	15,338	322.8%
GULF COAST ULSD CALENDAR	LY	25	261	-90.4%	51	-51.0%	804	4,138	-80.6%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	0	200	-100.0%	233	-100.0%	3,403	2,511	35.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	127	2,450	-94.8%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	16	0	-	4	300.0%	26	0	-
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB SWAP	NN	37,713	41,073	-8.2%	30,474	23.8%	257,020	307,924	-16.5%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	499	-100.0%	0	0.0%	2,193	5,449	-59.8%
ICE GASOIL BALMO SWAP	U9	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%
INDIANA MISO	PDD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0.0%	0	1,124	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	116	-100.0%	428	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	16	83	-80.7%	71	-77.5%	1,022	592	72.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	12	-100.0%	0	0.0%	6	12	-50.0%
JET CIF NWE VS ICE	JC	27	161	-83.2%	27	0.0%	1,501	1,319	13.8%
JET FUEL UP-DOWN BALMO CL	1M	230	3,365	-93.2%	100	130.0%	14,996	14,584	2.8%
JKM LNG Futures	JKM	733	680	7.8%	0	0.0%	2,888	5,401	-46.5%
LA CARB DIESEL (OPIS) SWA	KL	90	55	63.6%	0	0.0%	2,281	1,815	25.7%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	0	225	-100.0%

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LA JET (OPIS) SWAP	JS	50	775	-93.5%	0	0.0%	3,325	3,995	-16.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0.0%	93	1,850	-95.0%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	-	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	150	-100.0%	75	-100.0%	1,685	1,450	16.2%
MARS (ARGUS) VS WTI TRD M	YV	18,361	15,985	14.9%	15,854	15.8%	141,161	165,998	-15.0%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	3,038	18,303	-83.4%	2,600	16.8%	52,724	119,163	-55.8%
MCCLOSKEY RCH BAY COAL	MFF	618	1,316	-53.0%	448	37.9%	4,056	7,967	-49.1%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	20	17	17.6%	10	100.0%	263	125	110.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	110	494	-77.7%	80	37.5%	2,924	5,390	-45.8%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	50	-100.0%
MNC FUT	MNC	1,706	1,454	17.3%	2,029	-15.9%	15,352	7,243	112.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	44,485	34,536	28.8%	36,301	22.5%	330,512	250,808	31.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,372	665	106.3%	1,116	22.9%	8,681	3,827	126.8%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	194,759	238,106	-18.2%	143,393	35.8%	1,506,287	1,660,289	-9.3%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,323	3,917	-40.7%	1,180	96.9%	25,477	28,797	-11.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	25,144	17,636	42.6%	31,422	-20.0%	219,739	132,598	65.7%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,900	1,305	45.6%	1,989	-4.5%	13,574	5,755	135.9%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	64,741	88,868	-27.1%	56,683	14.2%	487,681	489,223	-0.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,169	1,636	-28.5%	992	17.8%	12,910	11,347	13.8%
NATURAL GAS PEN SWP	NP	33,939	68,856	-50.7%	30,984	9.5%	418,365	485,358	-13.8%
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%
NEPOOL NE MASS 5MW D AH O	P8	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%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,685	195	764.1%	590	185.6%	8,387	1,150	629.3%
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	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	PD	0	0	0.0%	0	-	0	0	0.0%

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<b>Energy Futures</b>									
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	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	0.0%
NY HARBOR HEAT OIL SWP	MP	2,098	1,741	20.5%	1,321	58.8%	11,451	8,215	39.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	25	350	-92.9%	175	-85.7%	1,275	1,899	-32.9%
NYH NO 2 CRACK SPREAD CAL	HK	351	1,380	-74.6%	610	-42.5%	15,606	14,249	9.5%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	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%
NYISO ZONE G 5MW D AH O P	D2	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%
NYISO ZONE J 5MW D AH O P	D4	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%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	-	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	-	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	284	0	0.0%	708	-59.9%	4,572	50	9,044.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	214	274	-21.9%	153	39.9%	1,308	1,417	-7.7%
PETROCHEMICALS	32	24	49	-51.0%	29	-17.2%	333	480	-30.6%
PETROCHEMICALS	3NA	14	6	133.3%	30	-53.3%	222	128	73.4%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	15	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	424	147	188.4%
PETROCHEMICALS	8I	753	1,015	-25.8%	576	30.7%	7,656	10,579	-27.6%
PETROCHEMICALS	91	509	540	-5.7%	171	197.7%	2,834	3,253	-12.9%
PETROCHEMICALS	MAA	30	60	-50.0%	10	200.0%	460	295	55.9%
PETROCHEMICALS	MAE	1,410	1,432	-1.5%	1,400	0.7%	10,290	7,125	44.4%
PETROCHEMICALS	MAS	180	250	-28.0%	330	-45.5%	3,260	2,390	36.4%
PETROCHEMICALS	MBE	100	0	0.0%	0	0.0%	710	480	47.9%
PETROCHEMICALS	MNB	0	147	-100.0%	0	0.0%	15	2,039	-99.3%
PETROCHEMICALS	MPS	458	424	8.0%	256	78.9%	2,297	3,420	-32.8%
PETROCHEMICALS	PMF	2	5	-60.0%	0	0.0%	14	9	55.6%



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<b>Energy Futures</b>									
PETRO CRCKS & SPRDS ASIA	STR	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%
PETRO CRCKS & SPRDS NA	CRB	12,870	23,129	-44.4%	17,351	-25.8%	152,697	185,239	-17.6%
PETRO CRCKS & SPRDS NA	EXR	90	542	-83.4%	77	16.9%	2,549	5,667	-55.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	55	-100.0%	75	-100.0%	700	655	6.9%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	150	370	-59.5%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0.0%	275	880	-68.8%
PETRO CRCKS & SPRDS NA	GFC	0	460	-100.0%	0	0.0%	1,350	460	193.5%
PETRO CRCKS & SPRDS NA	HOB	0	1,705	-100.0%	0	0.0%	577	3,305	-82.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	145	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	100	375	-73.3%	250	-60.0%	5,953	12,427	-52.1%
PETRO CRCKS & SPRDS NA	RVG	15	150	-90.0%	904	-98.3%	17,815	11,370	56.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0.0%	1,785	383	366.1%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	121	21	476.2%
PETRO CRK&SPRD EURO	BOB	15	332	-95.5%	15	0.0%	605	973	-37.8%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EPN	455	698	-34.8%	641	-29.0%	3,591	4,685	-23.4%
PETRO CRK&SPRD EURO	EVC	0	203	-100.0%	0	0.0%	787	776	1.4%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	9	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO CRK&SPRD EURO	MUD	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%
PETRO CRK&SPRD EURO	NOB	30	196	-84.7%	17	76.5%	842	472	78.4%
PETROLEUM PRODUCTS	1NM	0	30	-100.0%	0	0.0%	50	717	-93.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	2	-100.0%	0	0.0%	2	3	-33.3%
PETROLEUM PRODUCTS	CMS	300	60	400.0%	20	1,400.0%	1,240	430	188.4%
PETROLEUM PRODUCTS	EWG	774	988	-21.7%	1,014	-23.7%	4,617	3,410	35.4%



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<b>Energy Futures</b>									
PETROLEUM PRODUCTS	H5F	285	0	0.0%	125	128.0%	635	60	958.3%
PETROLEUM PRODUCTS	JCC	220	97	126.8%	1,642	-86.6%	11,266	1,500	651.1%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	14	-100.0%
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5F	63	42	50.0%	90	-30.0%	432	356	21.3%
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	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0.0%	1,148	311	269.1%
PETROLEUM PRODUCTS ASIA	E6M	5	0	0.0%	10	-50.0%	40	10	300.0%
PETROLEUM PRODUCTS ASIA	MJN	230	255	-9.8%	300	-23.3%	6,856	2,123	222.9%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	223	-100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTRIGHT EURO	0D	24	39	-38.5%	36	-33.3%	233	820	-71.6%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0.0%	9	9	0.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	10	-100.0%	10	0	0.0%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0.0%	285	50	470.0%
PETRO OUTRIGHT EURO	7R	0	5	-100.0%	0	0.0%	38	42	-9.5%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	33	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	30	0	0.0%
PETRO OUTRIGHT EURO	CPB	116	167	-30.5%	110	5.5%	1,674	3,422	-51.1%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	12	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	456	240	90.0%	90	406.7%	1,285	1,573	-18.3%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	GNO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	JFB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	M1B	1,107	999	10.8%	1,137	-2.6%	10,198	11,841	-13.9%

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	MBB	0	30	-100.0%	0	0.0%	0	240	-100.0%
PETRO OUTRIGHT EURO	MBN	777	105	640.0%	237	227.8%	5,611	3,266	71.8%
PETRO OUTRIGHT EURO	MEF	15	56	-73.2%	0	0.0%	94	2,277	-95.9%
PETRO OUTRIGHT EURO	MQA	0	30	-100.0%	50	-100.0%	188	30	526.7%
PETRO OUTRIGHT EURO	R53	0	32	-100.0%	0	0.0%	0	92	-100.0%
PETRO OUTRIGHT EURO	R5B	0	0	0.0%	0	0.0%	0	56	-100.0%
PETRO OUTRIGHT EURO	R5M	1,822	1,834	-0.7%	1,837	-0.8%	16,277	9,860	65.1%
PETRO OUTRIGHT EURO	R5O	773	597	29.5%	760	1.7%	9,113	6,367	43.1%
PETRO OUTRIGHT EURO	RBM	6	7	-14.3%	11	-45.5%	112	34	229.4%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	5	0.0%
PETRO OUTRIGHT EURO	S5F	88	101	-12.9%	70	25.7%	1,049	995	5.4%
PETRO OUTRIGHT EURO	S5M	1,784	2,250	-20.7%	2,215	-19.5%	19,640	15,412	27.4%
PETRO OUTRIGHT EURO	S5O	1,221	961	27.1%	1,588	-23.1%	25,269	9,240	173.5%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	1,200	-100.0%
PETRO OUTRIGHT EURO	SR5	30	0	-	63	-52.4%	108	0	-
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	T2B	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%
PETRO OUTRIGHT EURO	UNB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	V0	0	150	-100.0%	0	0.0%	0	318	-100.0%
PETRO OUTRIGHT NA	A8B	350	75	366.7%	125	180.0%	2,255	875	157.7%
PETRO OUTRIGHT NA	AB6	25	50	-50.0%	35	-28.6%	2,855	1,785	59.9%
PETRO OUTRIGHT NA	BCR	800	1,575	-49.2%	3,925	-79.6%	23,120	15,465	49.5%
PETRO OUTRIGHT NA	DBB	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%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	60	275	-78.2%
PETRO OUTRIGHT NA	JET	700	1,550	-54.8%	800	-12.5%	4,810	3,575	34.5%
PETRO OUTRIGHT NA	JTB	0	340	-100.0%	0	0.0%	2,061	665	209.9%
PETRO OUTRIGHT NA	MBL	90	0	0.0%	0	0.0%	785	389	101.8%
PETRO OUTRIGHT NA	MEN	8	87	-90.8%	35	-77.1%	581	532	9.2%
PETRO OUTRIGHT NA	MEO	380	401	-5.2%	230	65.2%	2,309	4,275	-46.0%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	MMF	10	0	0.0%	0	0.0%	10	65	-84.6%

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<b>Energy Futures</b>									
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 DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	-	0	0	0.0%
PJM DAYTON DA PEAK	D7	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	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	-	0	0	0.0%
PJM WESTHDA PEAK	J4	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	1,080	1,556	-30.6%	320	237.5%	8,572	11,820	-27.5%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	51	-100.0%	111	5	2,120.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	970	1,195	-18.8%	1,351	-28.2%	14,126	12,651	11.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	10,757	12,040	-10.7%	9,480	13.5%	113,653	146,942	-22.7%
RBOB CALENDAR SWAP	RL	2,775	7,532	-63.2%	1,952	42.2%	43,905	61,530	-28.6%
RBOB CRACK SPREAD	RM	435	1,170	-62.8%	920	-52.7%	14,517	18,025	-19.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	127	0	-
RBOB GASOLINE BALMO CLNDR	1D	370	1,885	-80.4%	319	16.0%	11,869	7,289	62.8%
RBOB PHY	MRB	2	0	-	1	100.0%	28	0	-
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%	555	1,105	-49.8%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	2	-100.0%	2	0	0.0%
SINGAPORE 380CST BALMO	BT	0	10	-100.0%	0	0.0%	1	10	-90.0%
SINGAPORE 380CST FUEL OIL	SE	4	154	-97.4%	8	-50.0%	1,291	1,667	-22.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	12	-100.0%	0	0.0%	0	12	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	18	0	0.0%	9	100.0%	57	0	0.0%
SINGAPORE GASOIL	MAF	51	335	-84.8%	201	-74.6%	3,880	2,447	58.6%
SINGAPORE GASOIL	MTB	0	0	0.0%	10	-100.0%	196	42	366.7%
SINGAPORE GASOIL	MTS	203	400	-49.3%	476	-57.4%	2,982	3,160	-5.6%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Futures</b>									
SINGAPORE GASOIL	SBM	0	25	-100.0%	0	0.0%	332	118	181.4%
SINGAPORE GASOIL CALENDAR	MSG	27	961	-97.2%	7	285.7%	1,185	7,801	-84.8%
SINGAPORE GASOIL SWAP	SG	0	1,584	-100.0%	175	-100.0%	3,140	12,497	-74.9%
SINGAPORE GASOIL VS ICE	GA	0	1,245	-100.0%	0	0.0%	3,936	9,428	-58.3%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	600	-100.0%	72	-100.0%	3,725	1,990	87.2%
SINGAPORE JET KEROSENE SW	KS	0	410	-100.0%	0	0.0%	405	1,495	-72.9%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	300	-100.0%	0	0.0%	810	610	32.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	692	-100.0%	0	0.0%	600	4,936	-87.8%
Sumas Basis Swap	NK	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	30	0	0.0%	0	0.0%	294	105	180.0%
TC5 RAS TANURA TO YOKOHAM	TH	48	140	-65.7%	0	0.0%	243	320	-24.1%
TCO BASIS SWAP	TC	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	60	375	-84.0%	0	0.0%	6,245	10,432	-40.1%
TEXAS EASTERN ZONE M-3 BA	NX	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%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	1L	1,675	3,670	-54.4%	5,040	-66.8%	54,144	42,504	27.4%
UP DOWN GC ULSD VS NMX HO	LT	14,394	44,229	-67.5%	23,182	-37.9%	242,435	310,097	-21.8%
WAHA BASIS	NW	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	38,465	83,105	-53.7%	36,633	5.0%	470,599	415,042	13.4%
WTI CALENDAR	CS	67,910	45,917	47.9%	62,155	9.3%	577,453	468,449	23.3%
WTI MIDLAND CRUDE OIL	WTL	300	0	0.0%	0	0.0%	300	2,655	-88.7%
WTS (ARGUS) VS WTI SWAP	FF	4,695	490	858.2%	3,915	19.9%	27,472	31,185	-11.9%
WTS (ARGUS) VS WTI TRD MT	FH	700	225	211.1%	450	55.6%	7,035	6,075	15.8%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	0	18	-100.0%	42	-100.0%	3,128	2,890	8.2%
BRENT CRUDE OIL 1 M CSO	9C	0	18,000	-100.0%	12,000	-100.0%	101,250	196,450	-48.5%
BRENT OIL LAST DAY	BE	5,600	38,328	-85.4%	0	0.0%	95,937	191,470	-49.9%
BRENT OIL LAST DAY	BZO	12,291	12,393	-0.8%	11,983	2.6%	164,216	218,612	-24.9%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	0	455	-100.0%	0	0.0%	390	1,385	-71.8%
COAL API2 INDEX	F2Q	0	0	0.0%	0	0.0%	100	985	-89.8%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Options</b>									
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	25,195	52,880	-52.4%	43,302	-41.8%	560,253	1,119,910	-50.0%
CRUDE OIL APO	AO	9,897	35,896	-72.4%	24,772	-60.0%	185,708	293,142	-36.6%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	1,428	0	-	0	-	1,428	0	-
CRUDE OIL PHY	CD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	LC	25,145	9,720	158.7%	29,900	-15.9%	327,883	87,096	276.5%
CRUDE OIL PHY	LO	2,099,884	2,429,264	-13.6%	2,256,904	-7.0%	22,197,277	21,285,749	4.3%
CRUDE OIL PHY	LO1	20,780	37,956	-45.3%	52,375	-60.3%	280,973	171,696	63.6%
CRUDE OIL PHY	LO2	25,183	23,139	8.8%	35,217	-28.5%	214,590	130,857	64.0%
CRUDE OIL PHY	LO3	13,018	14,085	-7.6%	20,538	-36.6%	148,527	121,865	21.9%
CRUDE OIL PHY	LO4	44,488	25,642	73.5%	36,960	20.4%	301,839	190,433	58.5%
CRUDE OIL PHY	LO5	31,914	37	86,154.1%	0	0.0%	76,069	41,767	82.1%
CRUDE OIL PHY	MCO	11,974	0	-	7,252	65.1%	28,061	0	-
CRUDE OIL PHY	MW1	670	0	-	2,695	-75.1%	4,038	0	-
CRUDE OIL PHY	MW2	1,496	0	-	2,447	-38.9%	5,135	0	-
CRUDE OIL PHY	MW3	917	0	-	1,356	-32.4%	2,431	0	-
CRUDE OIL PHY	MW4	1,419	0	-	1,990	-28.7%	6,423	0	-
CRUDE OIL PHY	MW5	1,756	0	-	0	0.0%	3,293	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	1,454	2,813	-48.3%	1,498	-2.9%	27,339	24,046	13.7%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	-	0	0.0%	30	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	450	-100.0%	0	0.0%	750	1,980	-62.1%
HEATING OIL PHY	FZ	0	1,225	-100.0%	0	0.0%	0	2,225	-100.0%
HEATING OIL PHY	LB	0	126	-100.0%	0	0.0%	382	1,659	-77.0%
HEATING OIL PHY	OH	8,053	23,224	-65.3%	11,512	-30.0%	98,627	69,727	41.4%
HENRY HUB FINANCIAL LAST	E7	1,665	4,111	-59.5%	2,587	-35.6%	41,224	80,060	-48.5%
HENRY HUB FINANCIAL LAST	ECNG	2,807	0	-	0	-	2,807	0	-
HO 1 MONTH CLNDR OPTIONS	FA	0	200	-100.0%	750	-100.0%	5,375	200	2,587.5%
LLS CRUDE OIL	HTO	0	0	-	0	0.0%	1,200	0	-
LLS CRUDE OIL	WTO	1,200	0	0.0%	2,400	-50.0%	4,500	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	540	-100.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	LN1	15	0	-	332	-95.5%	697	0	-

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Options</b>									
NATURAL GAS	LN2	792	0	-	12	6,500.0%	1,502	0	-
NATURAL GAS	LN3	0	0	-	10	-100.0%	1,072	0	-
NATURAL GAS	LN4	1	0	-	0	0.0%	1,517	0	-
NATURAL GAS	LN5	0	0	-	0	0.0%	5	0	-
NATURAL GAS 1 M CSO FIN	G4	77,700	67,100	15.8%	77,050	0.8%	833,392	432,749	92.6%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	14,100	19,400	-27.3%
NATURAL GAS 3 M CSO FIN	G3	41,740	42,688	-2.2%	47,450	-12.0%	350,290	247,994	41.2%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	46,250	13,400	245.1%
NATURAL GAS 6 M CSO FIN	G6	2,000	2,500	-20.0%	4,500	-55.6%	87,400	100,350	-12.9%
NATURAL GAS OPT	JFO	0	0	-	0	0.0%	300	0	-
NATURAL GAS OPT	JKO	200	1,890	-89.4%	0	0.0%	5,600	16,660	-66.4%
NATURAL GAS OPT	TFO	0	750	-100.0%	0	0.0%	700	153,570	-99.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	1,000	-100.0%	0	0.0%	600	61,220	-99.0%
NATURAL GAS PHY	KD	2,750	2,380	15.5%	1,250	120.0%	14,330	19,155	-25.2%
NATURAL GAS PHY	LN	1,448,308	2,896,188	-50.0%	1,711,023	-15.4%	18,152,855	19,349,708	-6.2%
NATURAL GAS PHY	ON	54,840	138,177	-60.3%	61,815	-11.3%	783,650	805,894	-2.8%
NATURAL GAS SUMMER STRIP	4D	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%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	1,487	1,784	-16.6%	3,459	-57.0%	18,878	8,938	111.2%
PETROCHEMICALS	4H	30	767	-96.1%	1	2,900.0%	3,194	9,169	-65.2%
PETROCHEMICALS	4J	0	600	-100.0%	0	0.0%	0	1,315	-100.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	180	-100.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	1N5	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DAP	0	30	-100.0%	0	0.0%	375	1,140	-67.1%
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	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	500	0	-	0	0.0%	3,050	0	-
RBOB CALENDAR SWAP	RA	16	35	-54.3%	160	-90.0%	3,573	1,190	200.3%
RBOB PHY	OB	7,148	4,737	50.9%	5,878	21.6%	38,217	68,046	-43.8%
RBOB PHY	RF	30	0	0.0%	140	-78.6%	1,430	480	197.9%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	300	50	500.0%

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Options</b>									
SHORT TERM	U12	0	0	0.0%	0	0.0%	550	100	450.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	100	200	-50.0%
SHORT TERM	U14	0	0	0.0%	0	0.0%	500	0	0.0%
SHORT TERM	U15	50	50	0.0%	0	0.0%	50	350	-85.7%
SHORT TERM	U22	150	0	0.0%	0	0.0%	350	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U25	0	0	0.0%	200	-100.0%	400	300	33.3%
SHORT TERM	U26	0	0	0.0%	0	0.0%	200	75	166.7%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	250	225	11.1%
SHORT TERM NATURAL GAS	U02	0	300	-100.0%	0	0.0%	0	650	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	550	-100.0%	950	350	171.4%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	500	200	150.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	550	800	-31.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	925	325	184.6%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U09	0	100	-100.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U10	0	100	-100.0%	0	0.0%	200	100	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	0	75	-100.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	50	-100.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	550	0	0.0%
SHORT TERM NATURAL GAS	U20	0	300	-100.0%	0	0.0%	250	300	-16.7%
SHORT TERM NATURAL GAS	U21	0	100	-100.0%	0	0.0%	950	300	216.7%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	100	250	-60.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	200	0	0.0%
WTI-BRENT BULLET SWAP	BV	29,300	53,550	-45.3%	26,775	9.4%	334,795	254,000	31.8%
WTI CRUDE OIL 1 M CSO FI	7A	47,400	21,425	121.2%	42,500	11.5%	507,800	645,595	-21.3%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	4,530,210	3,926,198	15.4%	3,437,810	31.8%	41,588,809	45,141,782	-7.9%
NYMEX HOT ROLLED STEEL	HR	21,065	24,003	-12.2%	21,069	0.0%	200,280	186,069	7.6%
NYMEX PLATINUM	PL	556,416	500,154	11.2%	373,986	48.8%	3,785,614	3,341,521	13.3%
PALLADIUM	PA	33,013	48,616	-32.1%	55,490	-40.5%	410,166	439,437	-6.7%
URANIUM	UX	0	25	-100.0%	0	0.0%	24	1,130	-97.9%
COMEX SILVER	SI	1,358,791	1,143,615	18.8%	1,570,874	-13.5%	12,757,214	15,596,223	-18.2%
COMEX E-Mini GOLD	QO	36,484	28,309	28.9%	22,372	63.1%	274,456	207,723	32.1%
COMEX E-Mini SILVER	QI	3,252	3,137	3.7%	3,505	-7.2%	33,986	55,366	-38.6%
COMEX COPPER	HG	1,736,368	1,409,251	23.2%	2,117,890	-18.0%	15,933,253	19,658,291	-18.9%
COMEX MINY COPPER	QC	3,038	4,075	-25.4%	3,792	-19.9%	32,136	38,095	-15.6%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	174	-100.0%
ALUMINUM	AEP	661	814	-18.8%	3,445	-80.8%	16,136	25,211	-36.0%
ALUMINUM	ALA	150	235	-36.2%	30	400.0%	1,925	3,555	-45.9%
ALUMINUM	ALI	55,476	16,064	245.3%	41,839	32.6%	268,552	101,177	165.4%
ALUMINUM	AUP	6,792	4,578	48.4%	11,339	-40.1%	61,736	54,401	13.5%
ALUMINUM	CUP	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	EDP	3,869	4,389	-11.8%	6,665	-42.0%	42,459	28,752	47.7%
ALUMINUM	MJP	120	0	0.0%	300	-60.0%	2,860	2,090	36.8%
COBALT METAL FUTURES	COB	1,244	25	4,876.0%	611	103.6%	8,294	2,769	199.5%
COPPER	HGS	75	1,365	-94.5%	1,966	-96.2%	14,513	22,488	-35.5%
COPPER	MHG	66,738	0	-	71,907	-7.2%	345,781	0	-
FERROUS PRODUCTS	BUS	2,865	1,445	98.3%	2,049	39.8%	23,330	13,555	72.1%
GOLD	4GC	0	0	0.0%	0	0.0%	0	116	-100.0%
GOLD	SGC	445	4,217	-89.4%	1,071	-58.5%	7,347	15,381	-52.2%
GOLD	SGU	2,461	14,976	-83.6%	2,649	-7.1%	52,387	46,653	12.3%
HOT ROLLED COIL STEEL FUTURES	EHR	5,231	916	471.1%	5,996	-12.8%	29,638	10,168	191.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	TIO	870	1,000	-13.0%	2,203	-60.5%	12,533	8,778	42.8%
METALS	HDG	125	100	25.0%	45	177.8%	617	143	331.5%
METALS	LTH	24	5	380.0%	0	0.0%	24	10	140.0%
METALS	PAC	0	0	-	0	0.0%	1,300	0	-
MICRO GOLD	MGC	1,047,637	954,845	9.7%	922,779	13.5%	9,739,019	10,868,072	-10.4%
SILVER	SIL	170,902	126,397	35.2%	142,533	19.9%	1,447,625	1,866,353	-22.4%

### Metals Options

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	2,250	-100.0%
ALUMINUM	AX	218	0	-	0	-	218	0	-
COMEX COPPER	HX	110,321	53,134	107.6%	97,932	12.7%	758,351	603,067	25.7%
COMEX GOLD	ECGC	2,310	0	-	0	-	2,310	0	-
COMEX GOLD	OG	845,430	599,807	41.0%	596,876	41.6%	7,638,954	6,266,103	21.9%
COMEX SILVER	ECSI	2,374	0	-	0	-	2,374	0	-
COMEX SILVER	SO	151,084	132,598	13.9%	84,079	79.7%	986,379	1,462,813	-32.6%
COPPER	ECHG	1,568	0	-	0	-	1,568	0	-
COPPER	H1E	219	2	10,850.0%	354	-38.1%	1,531	46	3,228.3%
COPPER	H1M	665	0	-	0	0.0%	942	0	-
COPPER	H1W	200	0	-	346	-42.2%	1,140	0	-
COPPER	H2E	178	2	8,800.0%	116	53.4%	2,017	43	4,590.7%
COPPER	H2M	146	0	-	145	0.7%	662	0	-
COPPER	H2W	46	0	-	56	-17.9%	331	0	-
COPPER	H3E	77	1	7,600.0%	90	-14.4%	1,854	24	7,625.0%
COPPER	H3M	92	0	-	55	67.3%	671	0	-
COPPER	H3W	30	0	-	44	-31.8%	249	0	-
COPPER	H4E	94	10	840.0%	208	-54.8%	2,024	147	1,276.9%
COPPER	H4M	11	0	-	131	-91.6%	313	0	-
COPPER	H4W	325	0	-	45	622.2%	575	0	-
COPPER	H5E	231	0	0.0%	0	0.0%	710	2	35,400.0%
COPPER	H5M	0	0	-	219	-100.0%	219	0	-
COPPER	H5W	0	0	-	536	-100.0%	713	0	-
GOLD	G1M	9,174	0	-	774	1,085.3%	19,584	0	-
GOLD	G1W	10,043	0	-	7,790	28.9%	32,242	0	-
GOLD	G2M	8,643	0	-	5,518	56.6%	29,837	0	-
GOLD	G2W	9,308	0	-	5,859	58.9%	26,537	0	-
GOLD	G3M	7,777	0	-	4,273	82.0%	18,584	0	-
GOLD	G3W	12,095	0	-	4,488	169.5%	34,588	0	-
GOLD	G4M	5,490	0	-	3,036	80.8%	14,582	0	-
GOLD	G4W	6,020	0	-	4,872	23.6%	22,152	0	-
GOLD	G5M	0	0	-	4,645	-100.0%	4,645	0	-
GOLD	G5W	0	0	-	6,065	-100.0%	14,006	0	-
GOLD	OG1	26,027	42,970	-39.4%	49,931	-47.9%	411,295	399,866	2.9%
GOLD	OG2	29,279	39,278	-25.5%	36,766	-20.4%	413,329	384,311	7.6%

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOLUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Metals Options</b>									
GOLD	OG3	39,223	43,287	-9.4%	32,876	19.3%	427,259	380,445	12.3%
GOLD	OG4	47,012	29,796	57.8%	22,060	113.1%	361,893	239,191	51.3%
GOLD	OG5	39,404	0	0.0%	0	0.0%	117,605	89,738	31.1%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	ICT	0	240	-100.0%	300	-100.0%	300	6,048	-95.0%
NYMEX HOT ROLLED STEEL	HRO	1,050	700	50.0%	900	16.7%	13,400	2,605	414.4%
NYMEX PLATINUM	PO	1,678	2,782	-39.7%	3,600	-53.4%	45,665	27,031	68.9%
PALLADIUM	PAO	4	1,314	-99.7%	12	-66.7%	127	6,390	-98.0%
SILVER	M1S	243	0	-	19	1,178.9%	930	0	-
SILVER	M2S	684	0	-	364	87.9%	2,202	0	-
SILVER	M3S	346	0	-	276	25.4%	1,189	0	-
SILVER	M4S	245	0	-	251	-2.4%	1,001	0	-
SILVER	M5S	0	0	-	202	-100.0%	202	0	-
SILVER	SO1	3,231	4,117	-21.5%	4,923	-34.4%	40,224	28,863	39.4%
SILVER	SO2	2,652	5,417	-51.0%	3,720	-28.7%	43,651	30,667	42.3%
SILVER	SO3	4,398	3,492	25.9%	3,071	43.2%	34,082	24,932	36.7%
SILVER	SO4	3,226	3,417	-5.6%	4,591	-29.7%	30,338	16,103	88.4%
SILVER	SO5	3,754	0	0.0%	0	0.0%	9,229	5,841	58.0%
SILVER	W1S	925	0	-	309	199.4%	2,169	0	-
SILVER	W2S	1,067	0	-	190	461.6%	1,959	0	-
SILVER	W3S	453	0	-	234	93.6%	1,463	0	-
SILVER	W4S	110	0	-	100	10.0%	658	0	-
SILVER	W5S	0	0	-	434	-100.0%	756	0	-
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	0	0.0%	0	0.0%	0	2	-100.0%
Energy Futures		33,934,217	42,430,533	-20.0%	36,596,567	-7.3%	347,089,861	360,699,330	-3.8%
Metals Futures		9,644,322	8,218,754	17.3%	8,824,215	9.3%	87,092,014	97,735,483	-10.9%
<b>TOTAL FUTURES</b>		<b>43,578,539</b>	<b>50,649,287</b>	<b>-14.0%</b>	<b>45,420,782</b>	<b>-4.1%</b>	<b>434,181,875</b>	<b>458,434,815</b>	<b>-5.3%</b>



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME SEP 2022	VOLUME SEP 2021	% CHG	VOIUME AUG 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	4,062,691	5,966,513	-31.9%	4,541,635	-10.5%	46,105,280	46,450,547	-0.7%
Metals Options	1,389,180	962,364	44.4%	993,681	39.8%	11,581,788	9,976,526	16.1%
<b>TOTAL OPTIONS</b>	<b>5,451,871</b>	<b>6,928,877</b>	<b>-21.3%</b>	<b>5,535,316</b>	<b>-1.5%</b>	<b>57,687,068</b>	<b>56,427,073</b>	<b>2.2%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	0	0.0%	0	-	0	2	-100.0%
Energy	37,996,908	48,397,046	-21.5%	41,138,202	-7.6%	393,195,141	407,149,877	-3.4%
Metals	11,033,502	9,181,118	20.2%	9,817,896	12.4%	98,673,802	107,712,009	-8.4%
<b>GRAND TOTAL</b>	<b>49,030,410</b>	<b>57,578,164</b>	<b>-14.8%</b>	<b>50,956,098</b>	<b>-3.8%</b>	<b>491,868,943</b>	<b>514,861,888</b>	<b>-4.5%</b>