

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures									
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	19,745,518	23,680,732	-16.6%	14,588,676	35.3%	50,564,078	67,342,017	-24.9%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	QM	403,976	1,117,732	-63.9%	264,914	52.5%	1,011,369	2,184,186	-53.7%
BRENT OIL LAST DAY	BZ	1,441,773	1,826,662	-21.1%	974,272	48.0%	3,569,988	5,911,264	-39.6%
HEATING OIL PHY	HO	3,492,987	3,567,730	-2.1%	3,015,949	15.8%	9,900,215	12,242,652	-19.1%
HTG OIL	BH	0	0	0.0%	0	0.0%	0	0	0.0%
MINY HTG OIL	QH	11	7	57.1%	12	-8.3%	36	21	71.4%
RBOB PHY	RB	3,696,393	4,226,872	-12.6%	3,110,746	18.8%	9,986,989	12,396,132	-19.4%
MINY RBOB GAS	QU	7	9	-22.2%	11	-36.4%	34	26	30.8%
NATURAL GAS	HP	248,352	205,629	20.8%	210,685	17.9%	642,298	556,771	15.4%
LTD NAT GAS	HH	418,315	312,209	34.0%	376,229	11.2%	1,194,822	1,028,152	16.2%
MINY NATURAL GAS	QG	261,528	195,933	33.5%	309,517	-15.5%	1,004,153	621,352	61.6%
NATURAL GAS PHY	NG	8,777,989	7,004,478	25.3%	9,423,373	-6.8%	26,018,473	23,767,365	9.5%
RBOB GAS	RT	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	9,410	2,465	281.7%	4,200	124.0%	14,770	6,520	126.5%
ARGUS PROPAN FAR EST INDE	7E	7,657	6,676	14.7%	7,123	7.5%	25,993	16,995	52.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	3,644	2,651	37.5%	4,083	-10.8%	11,334	7,008	61.7%
BRENT BALMO SWAP	J9	0	790	-100.0%	0	0.0%	0	1,487	-100.0%
BRENT CALENDAR SWAP	CY	5,610	38,209	-85.3%	7,732	-27.4%	29,044	62,564	-53.6%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	70	-100.0%	210	0	0.0%
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	10,871	4,042	169.0%	10,677	1.8%	32,681	8,812	270.9%
CAR VINTAGE	NGO	3,287	18,860	-82.6%	9,655	-66.0%	25,370	38,962	-34.9%
CHICAGO ETHANOL SWAP	CU	94,017	73,904	27.2%	55,567	69.2%	206,356	181,993	13.4%
CHICAGO ULSD PL VS HO SPR	5C	735	1,165	-36.9%	1,845	-60.2%	2,940	2,143	37.2%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	12	43	-72.1%	0	0.0%	132	435	-69.7%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	117	30	290.0%	45	160.0%	367	602	-39.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,859	18,469	2.1%	16,457	14.6%	51,731	38,830	33.2%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	573	450	27.3%	416	37.7%	1,663	1,125	47.8%
CRUDE OIL OUTRIGHTS	42	501	2,423	-79.3%	201	149.3%	908	4,200	-78.4%
CRUDE OIL OUTRIGHTS	CC5	0	540	-100.0%	0	0.0%	0	1,221	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	210	-100.0%	0	0.0%	0	900	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	210,040	65,375	221.3%	149,950	40.1%	504,424	196,645	156.5%
CRUDE OIL OUTRIGHTS	LSW	0	870	-100.0%	100	-100.0%	100	2,670	-96.3%
CRUDE OIL OUTRIGHTS	WCW	0	1,275	-100.0%	0	0.0%	0	10,060	-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	2,317,227	5,205,001	-55.5%	1,628,033	42.3%	5,722,499	8,515,093	-32.8%
CRUDE OIL SPRDS	ANT	820	0	0.0%	310	164.5%	2,300	0	0.0%
CRUDE OIL SPRDS	HIL	0	2,655	-100.0%	0	0.0%	0	2,655	-100.0%
CRUDE OIL SPRDS	WTT	86,244	53,752	60.4%	79,497	8.5%	230,087	150,526	52.9%
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	300	-100.0%	0	0.0%	0	2,220	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	1,000	-100.0%	0	0.0%	0	2,000	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,630	2,867	-43.1%	74	2,102.7%	1,836	12,548	-85.4%

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Energy Futures									
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	350	120	191.7%	60	483.3%	534	378	41.3%
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	2,474	160	1,446.3%	1,253	97.4%	6,074	160	3,696.3%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL SWAP	MT2	300	250	20.0%	210	42.9%	950	965	-1.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,026	3,915	28.4%	2,835	77.3%	12,294	10,747	14.4%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	0.0%	0	0	-
EURO GASOIL 10PPM VS ICE	ET	0	170	-100.0%	0	0.0%	0	985	-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	156	85	83.5%	62	151.6%	218	546	-60.1%
EUROPEAN GASOIL (ICE)	7F	42	3,091	-98.6%	17	147.1%	163	5,746	-97.2%
EUROPEAN NAPHTHA BALMO	KZ	10	5	100.0%	18	-44.4%	38	85	-55.3%
EUROPEAN NAPHTHA CRACK SPR	EN	5,753	3,844	49.7%	808	612.0%	7,779	11,009	-29.3%
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	1,572	1,026	53.2%	1,000	57.2%	3,793	3,046	24.5%
EURO PROPANE CIF ARA SWA	PS	1,863	2,577	-27.7%	2,032	-8.3%	6,080	6,272	-3.1%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	15	0	0.0%	180	-91.7%	990	0	0.0%
FREIGHT MARKETS	CS3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	CS4	0	120	-100.0%	0	0.0%	0	120	-100.0%
FREIGHT MARKETS	FLJ	0	0	0.0%	0	0.0%	10	0	0.0%
FREIGHT MARKETS	FLP	0	69	-100.0%	0	0.0%	5	145	-96.6%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	T2D	0	144	-100.0%	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%
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	68	-100.0%	0	0.0%	0	916	-100.0%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	66	-100.0%



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Energy Futures									
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	380	253	50.2%	28	1,257.1%	447	847	-47.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,550	4,507	-65.6%	749	106.9%	4,540	13,647	-66.7%
GASOIL 0.1CIF MED VS ICE	Z5	0	45	-100.0%	0	0.0%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	10	-100.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	45	-100.0%	0	0.0%	0	45	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	18	236	-92.4%	3	500.0%	27	921	-97.1%
GASOIL CRACK SPREAD CALEN	GZ	405	3,384	-88.0%	0	0.0%	405	9,014	-95.5%
GASOIL MINI CALENDAR SWAP	QA	136	782	-82.6%	311	-56.3%	772	1,636	-52.8%
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	2,465	9,425	-73.8%	4,280	-42.4%	9,785	20,560	-52.4%
GRP THREE UNL GS (PLT) VS	A8	2,985	7,625	-60.9%	2,555	16.8%	9,640	13,330	-27.7%
GULF COAST 3% FUEL OIL BA	VZ	0	400	-100.0%	0	0.0%	0	650	-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	8,810	14,052	-37.3%	6,393	37.8%	22,950	53,268	-56.9%
GULF COAST NO.6 FUEL OIL	MF	4,801	3,796	26.5%	6,061	-20.8%	15,949	9,272	72.0%
GULF COAST NO.6 FUEL OIL	MG	13,455	3,860	248.6%	15,946	-15.6%	44,896	26,145	71.7%
GULF COAST ULSD CALENDAR	LY	350	75	366.7%	60	483.3%	600	298	101.3%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	89	-100.0%	828	1,494	-44.6%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	2	0	-	0	0.0%	10	0	-
HENRY HUB SWAP	NN	48,062	46,408	3.6%	41,798	15.0%	124,621	99,954	24.7%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	60	510	-88.2%	0	0.0%	60	1,950	-96.9%
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%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	143	235	-39.1%	122	17.2%	370	427	-13.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	6	-100.0%	8	-100.0%	12	6	100.0%
JET CIF NWE VS ICE	JC	33	167	-80.2%	96	-65.6%	186	911	-79.6%

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Energy Futures									
JET FUEL UP-DOWN BALMO CL	1M	585	3,810	-84.6%	1,763	-66.8%	3,534	9,963	-64.5%
JKM LNG Futures	JKM	0	1,140	-100.0%	0	0.0%	0	1,303	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	618	615	0.5%	150	312.0%	1,623	1,831	-11.4%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	705	500	41.0%	500	41.0%	1,810	2,050	-11.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	60	-100.0%	590	-100.0%	590	93	534.4%
MARS (ARGUS) VS WTI SWAP	YX	0	460	-100.0%	0	0.0%	0	1,460	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	23,480	20,420	15.0%	20,478	14.7%	77,128	49,538	55.7%
MCCLOSKEY ARA ARGS COAL	MTF	542	11,249	-95.2%	2,314	-76.6%	3,676	24,777	-85.2%
MCCLOSKEY RCH BAY COAL	MFF	12	718	-98.3%	0	0.0%	12	1,577	-99.2%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	155	-100.0%	10	-100.0%	20	203	-90.1%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	20	620	-96.8%	236	-91.5%	451	1,231	-63.4%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	MNC	1,918	1,828	4.9%	1,280	49.8%	4,471	5,600	-20.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	31,239	34,498	-9.4%	28,503	9.6%	108,070	101,333	6.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	560	446	25.6%	515	8.7%	3,230	2,968	8.8%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	251,863	205,421	22.6%	182,068	38.3%	691,199	569,935	21.3%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	4,651	3,191	45.8%	2,145	116.8%	9,053	12,774	-29.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	30,760	28,362	8.5%	23,113	33.1%	71,349	59,575	19.8%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,726	1,250	38.1%	1,255	37.5%	4,557	2,655	71.6%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	67,037	56,080	19.5%	47,116	42.3%	177,325	153,487	15.5%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,395	1,976	-29.4%	422	230.6%	3,214	6,249	-48.6%
NATURAL GAS	NWM	0	0	-	0	0.0%	0	0	-
NATURAL GAS PEN SWP	NP	18,881	44,102	-57.2%	22,534	-16.2%	67,852	154,666	-56.1%
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	390	1,375	-71.6%	630	-38.1%	1,455	2,460	-40.9%
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%



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Energy Futures									
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	2,932	1,061	176.3%	970	202.3%	4,754	2,739	73.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	125	175	-28.6%	125	0.0%	425	400	6.3%
NYH NO 2 CRACK SPREAD CAL	HK	1,260	4,340	-71.0%	3,198	-60.6%	5,263	7,014	-25.0%
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	909	166	447.6%	350	159.7%	1,574	1,441	9.2%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	86	178	-51.7%	256	-66.4%	718	517	38.9%
PETROCHEMICALS	32	72	86	-16.3%	210	-65.7%	376	144	161.1%
PETROCHEMICALS	3NA	7	45	-84.4%	0	0.0%	7	81	-91.4%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	81	0	364	-100.0%	0	0.0%	60	364	-83.5%
PETROCHEMICALS	8I	395	2,428	-83.7%	228	73.2%	1,378	4,086	-66.3%
PETROCHEMICALS	91	367	338	8.6%	234	56.8%	1,249	1,124	11.1%
PETROCHEMICALS	MAA	70	30	133.3%	0	0.0%	90	240	-62.5%
PETROCHEMICALS	MAE	1,638	1,165	40.6%	1,096	49.5%	4,169	3,440	21.2%
PETROCHEMICALS	MAS	565	605	-6.6%	698	-19.1%	1,973	1,365	44.5%
PETROCHEMICALS	MBE	60	180	-66.7%	0	0.0%	330	280	17.9%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	478	232	106.0%	691	-30.8%	1,776	703	152.6%
PETROCHEMICALS	PMF	0	12	-100.0%	0	0.0%	20	12	66.7%
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	9,907	25,223	-60.7%	10,775	-8.1%	36,506	60,562	-39.7%
PETRO CRCKS & SPRDS NA	EXR	248	350	-29.1%	128	93.8%	603	1,541	-60.9%
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%	485	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	275	-100.0%	0	0.0%	0	275	-100.0%
PETRO CRCKS & SPRDS NA	GFC	550	720	-23.6%	0	0.0%	550	1,350	-59.3%
PETRO CRCKS & SPRDS NA	HOB	1,200	212	466.0%	0	0.0%	1,300	212	513.2%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%

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 MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	RBB	126	1,891	-93.3%	1,120	-88.8%	1,494	3,701	-59.6%
PETRO CRCKS & SPRDS NA	RVG	1,200	5,943	-79.8%	2,475	-51.5%	6,099	12,271	-50.3%
PETRO CRK&SPRD EURO	1NB	0	1,050	-100.0%	0	0.0%	199	1,305	-84.8%
PETRO CRK&SPRD EURO	43	0	0	0.0%	75	-100.0%	75	96	-21.9%
PETRO CRK&SPRD EURO	BOB	0	303	-100.0%	33	-100.0%	120	560	-78.6%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	331	440	-24.8%	303	9.2%	805	1,336	-39.7%
PETRO CRK&SPRD EURO	EVC	285	340	-16.2%	0	0.0%	285	787	-63.8%
PETRO CRK&SPRD EURO	GOC	0	9	-100.0%	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	30	0	-	0	-	30	0	-
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	41	138	-70.3%	40	2.5%	141	547	-74.2%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0.0%	0	2	-100.0%
PETROLEUM PRODUCTS	CMS	570	200	185.0%	0	0.0%	770	610	26.2%
PETROLEUM PRODUCTS	EWG	105	225	-53.3%	550	-80.9%	1,055	1,893	-44.3%
PETROLEUM PRODUCTS	H5F	0	50	-100.0%	50	-100.0%	200	50	300.0%
PETROLEUM PRODUCTS	JCC	2,960	315	839.7%	2,620	13.0%	6,990	3,780	84.9%
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	24	30	-20.0%	13	84.6%	63	136	-53.7%
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	225	-100.0%	0	0.0%	0	348	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	10	0	0.0%	0	0.0%	10	0	0.0%
PETROLEUM PRODUCTS ASIA	MJN	850	981	-13.4%	560	51.8%	1,834	3,509	-47.7%
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	51	22	131.8%	60	-15.0%	117	74	58.1%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
PETRO OUTRIGHT EURO	5L	30	0	-	0	0.0%	60	0	-
PETRO OUTRIGHT EURO	7I	0	100	-100.0%	75	-100.0%	75	235	-68.1%
PETRO OUTRIGHT EURO	7R	0	21	-100.0%	0	0.0%	30	21	42.9%
PETRO OUTRIGHT EURO	CBB	5	0	0.0%	0	-	5	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT EURO	CPB	390	327	19.3%	111	251.4%	948	864	9.7%
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	326	90	262.2%	111	193.7%	1,183	429	175.8%
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	923	1,794	-48.6%	806	14.5%	3,235	3,746	-13.6%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	MBN	12	1,085	-98.9%	270	-95.6%	755	2,535	-70.2%
PETRO OUTRIGHT EURO	MEF	0	30	-100.0%	0	0.0%	2	48	-95.8%
PETRO OUTRIGHT EURO	MQA	206	90	128.9%	184	12.0%	424	138	207.2%
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	1,684	2,773	-39.3%	1,354	24.4%	4,736	6,962	-32.0%
PETRO OUTRIGHT EURO	R5O	552	2,451	-77.5%	759	-27.3%	1,885	5,136	-63.3%
PETRO OUTRIGHT EURO	RBM	35	16	118.8%	21	66.7%	78	41	90.2%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	S5F	486	154	215.6%	387	25.6%	1,057	500	111.4%
PETRO OUTRIGHT EURO	S5M	1,971	3,280	-39.9%	1,670	18.0%	6,018	8,906	-32.4%
PETRO OUTRIGHT EURO	S5O	637	5,369	-88.1%	751	-15.2%	2,992	11,877	-74.8%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	SR5	180	0	-	0	0.0%	240	0	-
PETRO OUTRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	0.0%	100	0	-
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	A8B	0	30	-100.0%	100	-100.0%	100	95	5.3%
PETRO OUTRIGHT NA	AB6	25	955	-97.4%	75	-66.7%	305	1,230	-75.2%
PETRO OUTRIGHT NA	BCR	1,200	800	50.0%	450	166.7%	3,200	12,615	-74.6%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	JET	1,350	300	350.0%	375	260.0%	2,075	2,535	-18.1%
PETRO OUTRIGHT NA	JTB	150	540	-72.2%	0	0.0%	225	981	-77.1%
PETRO OUTRIGHT NA	MBL	0	135	-100.0%	0	0.0%	0	515	-100.0%
PETRO OUTRIGHT NA	MEN	20	75	-73.3%	95	-78.9%	125	321	-61.1%
PETRO OUTRIGHT NA	MEO	170	215	-20.9%	70	142.9%	525	689	-23.8%
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	0	0.0%
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	350	1,495	-76.6%	504	-30.6%	1,917	3,492	-45.1%
PREMIUM UNLD 10P FOB MED	3G	15	15	0.0%	0	0.0%	15	15	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,861	1,526	22.0%	1,202	54.8%	4,128	5,542	-25.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	14,329	9,917	44.5%	19,438	-26.3%	52,025	39,826	30.6%
RBOB CALENDAR SWAP	RL	10,845	7,758	39.8%	4,880	122.2%	23,945	20,373	17.5%
RBOB CRACK SPREAD	RM	825	3,705	-77.7%	645	27.9%	2,630	8,760	-70.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,055	2,032	-48.1%	314	236.0%	2,914	5,123	-43.1%
RBOB PHY	MRB	5	0	-	5	0.0%	12	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	60	-100.0%	0	0.0%	30	375	-92.0%
SINGAPORE 180CST BALMO	BS	4	0	-	0	0.0%	7	0	-
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	SE	156	356	-56.2%	66	136.4%	328	992	-66.9%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	0.0%	0	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	SD	6	0	0.0%	0	0.0%	24	0	0.0%
SINGAPORE GASOIL	MAF	11	710	-98.5%	0	0.0%	220	1,448	-84.8%
SINGAPORE GASOIL	MTB	0	41	-100.0%	0	0.0%	0	61	-100.0%
SINGAPORE GASOIL	MTS	116	508	-77.2%	1,658	-93.0%	2,059	1,167	76.4%

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Energy Futures									
SINGAPORE GASOIL	SBM	0	65	-100.0%	0	0.0%	0	177	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	43	354	-87.9%	54	-20.4%	117	923	-87.3%
SINGAPORE GASOIL SWAP	SG	550	410	34.1%	700	-21.4%	2,390	1,720	39.0%
SINGAPORE GASOIL VS ICE	GA	0	1,044	-100.0%	21	-100.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	RK	0	722	-100.0%	0	0.0%	0	3,491	-100.0%
SINGAPORE JET KEROSENE SW	KS	0	205	-100.0%	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	100	210	-52.4%	0	0.0%	100	210	-52.4%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	250	0	0.0%	0	0.0%	275	300	-8.3%
TC2 ROTTERDAM TO USAC 37K	TM	172	0	0.0%	0	0.0%	172	228	-24.6%
TC5 RAS TANURA TO YOKOHAM	TH	0	75	-100.0%	0	0.0%	0	75	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	895	-100.0%	0	0.0%	0	6,185	-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	9,384	6,223	50.8%	4,450	110.9%	21,623	25,225	-14.3%
UP DOWN GC ULSD VS NMX HO	LT	24,234	49,398	-50.9%	27,267	-11.1%	75,528	133,631	-43.5%
WTI-BRENT CALENDAR SWAP	BK	78,029	108,726	-28.2%	42,787	82.4%	163,720	214,617	-23.7%
WTI CALENDAR	CS	64,361	120,498	-46.6%	55,246	16.5%	183,946	240,106	-23.4%
WTI MIDLAND CRUDE OIL	WTL	420	0	0.0%	0	0.0%	420	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	139	9,792	-98.6%	3,085	-95.5%	3,329	13,135	-74.7%
WTS (ARGUS) VS WTI TRD MT	FH	880	0	0.0%	0	0.0%	925	3,645	-74.6%
Energy Options									
BRENT CALENDAR SWAP	BA	0	288	-100.0%	236	-100.0%	416	2,600	-84.0%
BRENT CRUDE OIL 1 M CSO	9C	0	79,000	-100.0%	0	0.0%	0	83,950	-100.0%
BRENT OIL LAST DAY	BE	4,750	25,802	-81.6%	4,112	15.5%	18,912	30,994	-39.0%
BRENT OIL LAST DAY	BZO	18,925	25,863	-26.8%	6,811	177.9%	36,840	70,641	-47.8%
COAL API2 INDEX	F2C	0	0	0.0%	50	-100.0%	65	220	-70.5%
COAL API2 INDEX	F2Q	0	50	-100.0%	0	0.0%	0	100	-100.0%
CRUDE OIL	6Y	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	WA	21,200	82,375	-74.3%	34,200	-38.0%	109,050	316,539	-65.5%
CRUDE OIL APO	AO	23,982	38,324	-37.4%	14,640	63.8%	63,060	88,261	-28.6%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	6,464	0	-	11,267	-42.6%	22,086	0	-
CRUDE OIL PHY	LC	50,770	73,784	-31.2%	31,080	63.4%	108,654	144,552	-24.8%
CRUDE OIL PHY	LO	3,008,889	3,923,382	-23.3%	1,958,602	53.6%	6,813,177	9,393,923	-27.5%

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Energy Options									
CRUDE OIL PHY	LO1	31,193	59,452	-47.5%	48,362	-35.5%	125,103	125,160	0.0%
CRUDE OIL PHY	LO2	39,874	31,941	24.8%	52,054	-23.4%	120,585	66,190	82.2%
CRUDE OIL PHY	LO3	33,840	9,962	239.7%	27,472	23.2%	91,410	73,706	24.0%
CRUDE OIL PHY	LO4	68,021	33,987	100.1%	39,400	72.6%	142,515	123,555	15.3%
CRUDE OIL PHY	LO5	60,875	1	6,087,400.0%	0	0.0%	60,875	1	6,087,400.0%
CRUDE OIL PHY	MCO	21,475	0	-	16,417	30.8%	55,403	0	-
CRUDE OIL PHY	MW1	1,273	0	-	1,385	-8.1%	4,187	0	-
CRUDE OIL PHY	MW2	1,911	0	-	2,369	-19.3%	5,261	0	-
CRUDE OIL PHY	MW3	3,029	0	-	1,546	95.9%	5,380	0	-
CRUDE OIL PHY	MW4	3,060	0	-	5,812	-47.4%	10,208	0	-
CRUDE OIL PHY	MW5	1,787	0	-	0	0.0%	1,787	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	2,214	6,704	-67.0%	1,005	120.3%	5,859	13,604	-56.9%
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	0	0.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	24	0	0.0%	0	0.0%	24	382	-93.7%
HEATING OIL PHY	OH	15,233	10,643	43.1%	17,917	-15.0%	47,470	49,439	-4.0%
HENRY HUB FINANCIAL LAST	E7	8,027	7,870	2.0%	11,826	-32.1%	39,001	21,470	81.7%
HENRY HUB FINANCIAL LAST	ECNG	2,544	0	-	6,281	-59.5%	10,919	0	-
HO 1 MONTH CLNDR OPTIONS	FA	1,050	250	320.0%	2,200	-52.3%	4,150	700	492.9%
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%	1,800	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	0	12	-100.0%	0	0.0%	0	220	-100.0%
NATURAL GAS	LN2	0	88	-100.0%	100	-100.0%	100	602	-83.4%
NATURAL GAS	LN3	0	124	-100.0%	0	0.0%	0	1,022	-100.0%
NATURAL GAS	LN4	0	4	-100.0%	0	0.0%	0	1,514	-100.0%
NATURAL GAS	LN5	0	0	-	0	0.0%	0	0	-
NATURAL GAS 1 M CSO FIN	G4	33,750	31,500	7.1%	94,954	-64.5%	245,454	442,792	-44.6%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	G3	84,900	25,150	237.6%	58,500	45.1%	149,100	81,100	83.8%
NATURAL GAS 5 M CSO FIN	G5	6,400	10,450	-38.8%	1,500	326.7%	7,900	33,350	-76.3%
NATURAL GAS 6 M CSO FIN	G6	17,875	18,600	-3.9%	22,400	-20.2%	65,250	67,400	-3.2%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOIUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	1,700	-100.0%	0	0.0%	0	1,850	-100.0%
NATURAL GAS OPT	TFO	0	300	-100.0%	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	300	125	140.0%	200	50.0%	800	1,650	-51.5%
NATURAL GAS PHY	LN	2,690,632	2,220,511	21.2%	2,511,807	7.1%	7,342,745	6,401,388	14.7%
NATURAL GAS PHY	ON	66,918	78,974	-15.3%	64,677	3.5%	202,124	313,395	-35.5%
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	6,564	1,677	291.4%	822	698.5%	8,390	5,498	52.6%
PETROCHEMICALS	4H	0	310	-100.0%	48	-100.0%	318	502	-36.7%
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	60	-100.0%	0	0.0%	0	375	-100.0%
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	0	-	0	0.0%	0	0	-
RBOB CALENDAR SWAP	RA	0	39	-100.0%	0	0.0%	0	127	-100.0%
RBOB PHY	OB	5,500	2,448	124.7%	2,830	94.3%	9,542	10,320	-7.5%
RBOB PHY	RF	0	210	-100.0%	0	0.0%	0	210	-100.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U13	250	0	0.0%	0	0.0%	450	100	350.0%
SHORT TERM	U14	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U22	0	200	-100.0%	0	0.0%	0	200	-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	200	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U01	0	200	-100.0%	100	-100.0%	150	200	-25.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U03	4,150	0	0.0%	0	-	4,150	0	0.0%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOIUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	50	-100.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U07	0	150	-100.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U10	0	100	-100.0%	400	-100.0%	400	200	100.0%
SHORT TERM NATURAL GAS	U16	100	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	100	-100.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	0.0%	300	0	-
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	250	0	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	0	0	0.0%
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%	0	0	0.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U30	100	0	0.0%	0	0.0%	150	0	0.0%
SHORT TERM NATURAL GAS	U31	1,400	0	0.0%	0	0.0%	1,500	100	1,400.0%
WTI-BRENT BULLET SWAP	BV	15,750	35,625	-55.8%	2,875	447.8%	38,250	100,775	-62.0%
WTI CRUDE OIL 1 M CSO FI	7A	63,250	42,450	49.0%	24,800	155.0%	132,350	116,400	13.7%

Metals Futures

COMEX GOLD	GC	7,075,894	6,310,950	12.1%	3,649,259	93.9%	16,014,407	16,332,680	-1.9%
NYMEX HOT ROLLED STEEL	HR	33,273	37,604	-11.5%	42,856	-22.4%	103,112	85,666	20.4%
NYMEX PLATINUM	PL	599,072	592,236	1.2%	471,190	27.1%	1,458,298	1,354,641	7.7%
PALLADIUM	PA	44,925	51,574	-12.9%	102,284	-56.1%	191,455	178,855	7.0%
URANIUM	UX	0	17	-100.0%	0	0.0%	0	18	-100.0%
COMEX SILVER	SI	1,518,839	1,440,688	5.4%	1,632,161	-6.9%	4,517,045	4,331,551	4.3%
COMEX E-Mini GOLD	QO	57,281	45,999	24.5%	37,101	54.4%	138,677	101,983	36.0%
COMEX E-Mini SILVER	QI	8,000	4,706	70.0%	5,423	47.5%	20,856	13,095	59.3%
COMEX COPPER	HG	2,234,006	1,610,922	38.7%	2,528,099	-11.6%	6,748,549	5,311,444	27.1%
COMEX MINY COPPER	QC	7,735	3,943	96.2%	6,500	19.0%	18,471	10,920	69.1%
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%



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Commodity		VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Futures									
ALUMINUM	AEP	1,497	1,884	-20.5%	1,745	-14.2%	11,804	7,778	51.8%
ALUMINUM	ALA	0	90	-100.0%	60	-100.0%	180	1,610	-88.8%
ALUMINUM	ALI	78,261	5,872	1,232.8%	60,051	30.3%	197,798	33,344	493.2%
ALUMINUM	AUP	5,593	6,559	-14.7%	3,045	83.7%	21,024	16,061	30.9%
ALUMINUM	EDP	3,797	5,389	-29.5%	4,102	-7.4%	14,269	13,433	6.2%
ALUMINUM	MJP	510	360	41.7%	90	466.7%	600	1,410	-57.4%
COBALT METAL FUTURES	COB	2,466	65	3,693.8%	2,738	-9.9%	10,331	1,248	727.8%
COBALT METAL FUTURES	MOX	170	0	-	0	-	170	0	-
COPPER	HGS	182	1,101	-83.5%	2,288	-92.0%	5,685	6,895	-17.5%
COPPER	MHG	124,858	0	-	111,248	12.2%	345,372	0	-
FERROUS PRODUCTS	BUS	1,088	1,926	-43.5%	1,804	-39.7%	4,227	9,269	-54.4%
FERROUS PRODUCTS	FSF	1	0	-	17	-94.1%	30	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	550	1,503	-63.4%	62	787.1%	616	3,789	-83.7%
GOLD	SGU	526	12,617	-95.8%	162	224.7%	690	36,115	-98.1%
HOT ROLLED COIL STEEL FUTURES	EHR	4,476	3,142	42.5%	8,526	-47.5%	23,295	6,369	265.8%
IRON ORE CHINA	TIO	46	745	-93.8%	345	-86.7%	801	3,914	-79.5%
METALS	HDG	15	0	0.0%	1,365	-98.9%	1,395	57	2,347.4%
METALS	LTH	521	0	0.0%	126	313.5%	713	0	0.0%
METALS	PAC	300	0	0.0%	200	50.0%	500	1,000	-50.0%
MICRO GOLD	MGC	1,737,409	2,061,059	-15.7%	1,269,227	36.9%	4,259,392	3,966,378	7.4%
SILVER	SIL	242,982	262,167	-7.3%	205,734	18.1%	677,186	563,373	20.2%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	1,089	0	-	455	139.3%	2,154	0	-
COMEX COPPER	HX	151,161	76,899	96.6%	171,014	-11.6%	517,559	201,965	156.3%
COMEX GOLD	ECGC	5,666	0	-	6,663	-15.0%	15,106	0	-
COMEX GOLD	OG	1,514,804	1,322,642	14.5%	874,301	73.3%	3,334,516	3,057,785	9.1%
COMEX SILVER	ECSI	6,346	0	-	8,835	-28.2%	16,407	0	-
COMEX SILVER	SO	192,337	151,653	26.8%	148,564	29.5%	498,378	349,547	42.6%
COPPER	ECHG	6,526	0	-	8,471	-23.0%	17,140	0	-
COPPER	H1E	559	94	494.7%	672	-16.8%	2,443	364	571.2%
COPPER	H1M	282	0	-	232	21.6%	714	0	-
COPPER	H1W	514	0	-	447	15.0%	1,211	0	-

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Options									
COPPER	H2E	699	184	279.9%	909	-23.1%	2,711	514	427.4%
COPPER	H2M	322	0	-	801	-59.8%	1,344	0	-
COPPER	H2W	134	0	-	1,167	-88.5%	1,427	0	-
COPPER	H3E	370	113	227.4%	843	-56.1%	2,058	269	665.1%
COPPER	H3M	541	0	-	133	306.8%	674	0	-
COPPER	H3W	410	0	-	351	16.8%	1,201	0	-
COPPER	H4E	397	61	550.8%	661	-39.9%	1,390	109	1,175.2%
COPPER	H4M	356	0	-	318	11.9%	1,204	0	-
COPPER	H4W	276	0	-	243	13.6%	622	0	-
COPPER	H5E	251	0	0.0%	0	0.0%	251	0	0.0%
COPPER	H5M	0	0	-	0	0.0%	191	0	-
COPPER	H5W	260	0	-	0	0.0%	260	0	-
GOLD	G1M	12,171	0	-	14,663	-17.0%	31,186	0	-
GOLD	G1W	6,086	0	-	7,647	-20.4%	28,598	0	-
GOLD	G2M	13,734	0	-	11,207	22.5%	35,162	0	-
GOLD	G2W	8,077	0	-	12,703	-36.4%	30,835	0	-
GOLD	G3M	21,161	0	-	1,148	1,743.3%	22,309	0	-
GOLD	G3W	10,383	0	-	12,857	-19.2%	35,393	0	-
GOLD	G4M	8,335	0	-	6,049	37.8%	22,696	0	-
GOLD	G4W	14,308	0	-	6,146	132.8%	26,641	0	-
GOLD	G5M	0	0	-	0	0.0%	7,925	0	-
GOLD	G5W	5,363	0	-	0	0.0%	5,363	0	-
GOLD	OG1	32,634	76,682	-57.4%	52,328	-37.6%	145,479	180,549	-19.4%
GOLD	OG2	50,225	86,405	-41.9%	43,968	14.2%	171,436	177,575	-3.5%
GOLD	OG3	87,801	75,523	16.3%	70,425	24.7%	203,583	166,773	22.1%
GOLD	OG4	57,915	54,169	6.9%	19,058	203.9%	103,121	156,899	-34.3%
GOLD	OG5	42,962	0	0.0%	0	0.0%	42,962	0	0.0%
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	HRO	1,340	1,525	-12.1%	4,075	-67.1%	9,265	6,285	47.4%
NYMEX PLATINUM	PO	11,370	3,736	204.3%	16,565	-31.4%	30,204	22,123	36.5%
PALLADIUM	PAO	1,265	18	6,927.8%	1,445	-12.5%	3,231	48	6,631.2%
SILVER	M1S	1,234	0	-	778	58.6%	3,271	0	-
SILVER	M2S	1,220	0	-	1,500	-18.7%	3,795	0	-
SILVER	M3S	2,004	0	-	48	4,075.0%	2,052	0	-
SILVER	M4S	1,029	0	-	719	43.1%	2,417	0	-



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Commodity	VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOIUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Options								
SILVER M5S	0	0	-	0	0.0%	607	0	-
SILVER SO1	5,231	4,935	6.0%	7,386	-29.2%	25,862	19,647	31.6%
SILVER SO2	6,875	7,320	-6.1%	5,640	21.9%	20,161	22,248	-9.4%
SILVER SO3	9,573	5,007	91.2%	5,401	77.2%	22,280	14,750	51.1%
SILVER SO4	3,696	2,502	47.7%	4,357	-15.2%	11,476	12,284	-6.6%
SILVER SO5	7,933	0	0.0%	0	0.0%	7,933	0	0.0%
SILVER W1S	726	0	-	796	-8.8%	3,608	0	-
SILVER W2S	546	0	-	1,984	-72.5%	3,965	0	-
SILVER W3S	1,008	0	-	1,672	-39.7%	4,497	0	-
SILVER W4S	799	0	-	461	73.3%	2,274	0	-
SILVER W5S	294	0	-	0	0.0%	294	0	-
TOTAL FUTURES GROUP								
Ag Products Futures	0	0	0.0%	0	-	0	0	0.0%
Energy Futures	42,041,645	48,569,473	-13.4%	34,869,859	20.6%	112,920,161	137,694,740	-18.0%
Metals Futures	13,784,273	12,463,118	10.6%	10,147,808	35.8%	34,786,948	32,392,896	7.4%
TOTAL FUTURES	55,825,918	61,032,591	-8.5%	45,017,667	24.0%	147,707,109	170,087,636	-13.2%
TOTAL OPTIONS GROUP								
Energy Options	6,428,249	6,880,785	-6.6%	5,081,107	26.5%	16,114,221	18,190,957	-11.4%
Metals Options	2,310,598	1,869,468	23.6%	1,536,106	50.4%	5,488,842	4,389,734	25.0%
TOTAL OPTIONS	8,738,847	8,750,253	-0.1%	6,617,213	32.1%	21,603,063	22,580,691	-4.3%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOIUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL COMBINED								
Ag Products	0	0	0.0%	0		0	0	-
Energy	48,469,894	55,450,258	-12.6%	39,950,966	21.3%	129,034,382	155,885,697	-17.2%
Metals	16,094,871	14,332,586	12.3%	11,683,914	37.8%	40,275,790	36,782,630	9.5%
GRAND TOTAL	64,564,765	69,782,844	-7.5%	51,634,880	25.0%	169,310,172	192,668,327	-12.1%