



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 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	15,093,051	14,071,838	7.3%	19,745,518	-23.6%	65,657,129	81,413,855	-19.4%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	QM	290,978	537,340	-45.8%	403,976	-28.0%	1,302,347	2,721,526	-52.1%
BRENT OIL LAST DAY	BZ	1,020,311	1,026,230	-0.6%	1,441,773	-29.2%	4,590,299	6,937,494	-33.8%
HEATING OIL PHY	HO	2,742,307	2,472,175	10.9%	3,492,987	-21.5%	12,642,522	14,714,827	-14.1%
HTG OIL	BH	48	36	33.3%	0	0.0%	48	36	33.3%
MINY HTG OIL	QH	8	12	-33.3%	11	-27.3%	44	33	33.3%
RBOB PHY	RB	3,366,916	3,156,137	6.7%	3,696,393	-8.9%	13,353,905	15,552,269	-14.1%
MINY RBOB GAS	QU	14	12	16.7%	7	100.0%	48	38	26.3%
NATURAL GAS	HP	200,062	223,062	-10.3%	248,352	-19.4%	842,360	779,833	8.0%
LTD NAT GAS	HH	289,255	426,274	-32.1%	418,315	-30.9%	1,484,077	1,454,426	2.0%
MINY NATURAL GAS	QG	191,853	483,192	-60.3%	261,528	-26.6%	1,196,006	1,104,544	8.3%
NATURAL GAS PHY	NG	8,162,120	8,930,997	-8.6%	8,777,989	-7.0%	34,180,593	32,698,362	4.5%
RBOB GAS	RT	36	24	50.0%	0	0.0%	36	24	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	3,905	10,630	-63.3%	9,410	-58.5%	18,675	17,150	8.9%
ARGUS PROPAN FAR EST INDE	7E	6,904	5,002	38.0%	7,657	-9.8%	32,897	21,997	49.6%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,704	2,035	-16.3%	3,644	-53.2%	13,038	9,043	44.2%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	0	1,487	-100.0%
BRENT CALENDAR SWAP	CY	9,539	10,254	-7.0%	5,610	70.0%	38,583	72,818	-47.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	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	13,028	1,139	1,043.8%	10,871	19.8%	45,709	9,951	359.3%
CAR VINTAGE	NGO	4,104	5,536	-25.9%	3,287	24.9%	29,474	44,498	-33.8%
CHICAGO ETHANOL SWAP	CU	68,284	54,981	24.2%	94,017	-27.4%	274,640	236,974	15.9%
CHICAGO ULSD PL VS HO SPR	5C	645	790	-18.4%	735	-12.2%	3,585	2,933	22.2%
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	228	481	-52.6%	12	1,800.0%	360	916	-60.7%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	382	595	-35.8%	117	226.5%	749	1,197	-37.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,170	18,243	-0.4%	18,859	-3.7%	69,901	57,073	22.5%
CRUDE OIL	LPS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL LAST DAY	26	0	229	-100.0%	573	-100.0%	1,663	1,354	22.8%
CRUDE OIL OUTRIGHTS	42	404	709	-43.0%	501	-19.4%	1,312	4,909	-73.3%
CRUDE OIL OUTRIGHTS	CC5	0	240	-100.0%	0	0.0%	0	1,461	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	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	141,813	80,895	75.3%	210,040	-32.5%	646,237	277,540	132.8%
CRUDE OIL OUTRIGHTS	LSW	0	380	-100.0%	0	0.0%	100	3,050	-96.7%
CRUDE OIL OUTRIGHTS	WCW	0	1,865	-100.0%	0	0.0%	0	11,925	-100.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	MCL	1,656,146	2,450,132	-32.4%	2,317,227	-28.5%	7,378,645	10,965,225	-32.7%
CRUDE OIL SPRDS	ANT	140	1,005	-86.1%	820	-82.9%	2,440	1,005	142.8%
CRUDE OIL SPRDS	HIL	0	600	-100.0%	0	0.0%	0	3,255	-100.0%
CRUDE OIL SPRDS	WTT	78,689	43,542	80.7%	86,244	-8.8%	308,776	194,068	59.1%
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	5	-100.0%	0	0.0%	0	5	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	0	2,000	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	3,417	1,124	204.0%	1,630	109.6%	5,253	13,672	-61.6%

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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	177	78	126.9%	350	-49.4%	711	456	55.9%
ELEC FINSETTLED	47	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	1,592	1,051	51.5%	2,474	-35.7%	7,666	1,211	533.0%
ETHANOL	MTH	0	0	0.0%	0	0.0%	0	10	-100.0%
ETHANOL	Z1B	26	0	-	0	-	26	0	-
ETHANOL SWAP	MT2	480	150	220.0%	300	60.0%	1,430	1,115	28.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,449	1,814	90.1%	5,026	-31.4%	15,743	12,561	25.3%
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	130	-100.0%	0	0.0%	0	1,115	-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	1	0	0.0%	156	-99.4%	219	546	-59.9%
EUROPEAN GASOIL (ICE)	7F	60	1,679	-96.4%	42	42.9%	223	7,425	-97.0%
EUROPEAN NAPHTHA BALMO	KZ	3	35	-91.4%	10	-70.0%	41	120	-65.8%
EUROPEAN NAPHTHA CRACK SPR	EN	6,012	961	525.6%	5,753	4.5%	13,791	11,970	15.2%
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	649	324	100.3%	1,572	-58.7%	4,442	3,370	31.8%
EURO PROPANE CIF ARA SWA	PS	1,819	1,310	38.9%	1,863	-2.4%	7,899	7,582	4.2%
FREIGHT MARKETS	BF2	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	0	0	0.0%	15	-100.0%	990	0	0.0%
FREIGHT MARKETS	CS3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	CS4	0	0	0.0%	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	33	-100.0%	0	0.0%	5	178	-97.2%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	0	0.0%
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%
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	165	-100.0%	0	0.0%	0	1,081	-100.0%



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Energy Futures									
FUEL OIL NWE CRACK VS ICE	FI	30	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	478	212	125.5%	380	25.8%	925	1,059	-12.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	2,522	1,482	70.2%	1,550	62.7%	7,062	15,129	-53.3%
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	5	-100.0%	0	0.0%	0	50	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	GX	0	5	-100.0%	18	-100.0%	27	926	-97.1%
GASOIL CRACK SPREAD CALEN	GZ	108	1,098	-90.2%	405	-73.3%	513	10,112	-94.9%
GASOIL MINI CALENDAR SWAP	QA	162	165	-1.8%	136	19.1%	934	1,801	-48.1%
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	3,656	7,175	-49.0%	2,465	48.3%	13,441	27,735	-51.5%
GRP THREE UNL GS (PLT) VS	A8	2,050	4,910	-58.2%	2,985	-31.3%	11,690	18,240	-35.9%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	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	10,298	5,919	74.0%	8,810	16.9%	33,248	59,187	-43.8%
GULF COAST NO.6 FUEL OIL	MF	3,681	4,893	-24.8%	4,801	-23.3%	19,630	14,165	38.6%
GULF COAST NO.6 FUEL OIL	MG	12,948	4,385	195.3%	13,455	-3.8%	57,844	30,530	89.5%
GULF COAST ULSD CALENDAR	LY	202	70	188.6%	350	-42.3%	802	368	117.9%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	0	15	-100.0%	0	0.0%	828	1,509	-45.1%
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	0	0	-	2	-100.0%	10	0	-
HENRY HUB SWAP	NN	36,100	21,612	67.0%	48,062	-24.9%	160,721	121,566	32.2%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	60	135	-55.6%	60	0.0%	120	2,085	-94.2%
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	108	97	11.3%	143	-24.5%	478	524	-8.8%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	12	6	100.0%

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JET CIF NWE VS ICE	JC	0	34	-100.0%	33	-100.0%	186	945	-80.3%
JET FUEL UP-DOWN BALMO CL	1M	360	1,035	-65.2%	585	-38.5%	3,894	10,998	-64.6%
JKM LNG Futures	JKM	0	290	-100.0%	0	0.0%	0	1,593	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	375	282	33.0%	618	-39.3%	1,998	2,113	-5.4%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	JS	465	575	-19.1%	705	-34.0%	2,275	2,625	-13.3%
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	1,460	-100.0%
MARS (ARGUS) VS WTI TRD M	YV	11,667	12,100	-3.6%	23,480	-50.3%	88,795	61,638	44.1%
MCCLOSKEY ARA ARGS COAL	MTF	658	5,321	-87.6%	542	21.4%	4,334	30,098	-85.6%
MCCLOSKEY RCH BAY COAL	MFF	0	466	-100.0%	12	-100.0%	12	2,043	-99.4%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	5	-100.0%	0	0.0%	20	208	-90.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	210	0	0.0%	0	0.0%	210	0	0.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	220	760	-71.1%	20	1,000.0%	671	1,991	-66.3%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	MNC	1,100	1,216	-9.5%	1,918	-42.6%	5,571	6,816	-18.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	24,566	28,635	-14.2%	31,239	-21.4%	132,636	129,968	2.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	730	475	53.7%	560	30.4%	3,960	3,443	15.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	192,396	155,539	23.7%	251,863	-23.6%	883,595	725,474	21.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,731	4,120	-58.0%	4,651	-62.8%	10,784	16,894	-36.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	26,651	19,692	35.3%	30,760	-13.4%	98,000	79,267	23.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,708	1,723	-0.9%	1,726	-1.0%	6,265	4,378	43.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	46,909	46,919	0.0%	67,037	-30.0%	224,234	200,406	11.9%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,147	1,216	-5.7%	1,395	-17.8%	4,361	7,465	-41.6%
NATURAL GAS	NWM	0	0	-	0	0.0%	0	0	-
NATURAL GAS PEN SWP	NP	23,739	41,645	-43.0%	18,881	25.7%	91,591	196,311	-53.3%
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	582	527	10.4%	390	49.2%	2,037	2,987	-31.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
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	4,526	1,666	171.7%	2,932	54.4%	9,280	4,405	110.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	150	200	-25.0%	125	20.0%	575	600	-4.2%
NYH NO 2 CRACK SPREAD CAL	HK	11,842	3,924	201.8%	1,260	839.8%	17,105	10,938	56.4%
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	84	0	0.0%	909	-90.8%	1,658	1,441	15.1%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	114	96	18.8%	86	32.6%	832	613	35.7%
PETROCHEMICALS	32	20	55	-63.6%	72	-72.2%	396	199	99.0%
PETROCHEMICALS	3NA	42	4	950.0%	7	500.0%	49	85	-42.4%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	60	364	-83.5%
PETROCHEMICALS	8I	1,373	839	63.6%	395	247.6%	2,751	4,925	-44.1%
PETROCHEMICALS	91	500	295	69.5%	367	36.2%	1,749	1,419	23.3%
PETROCHEMICALS	MAA	460	110	318.2%	70	557.1%	550	350	57.1%
PETROCHEMICALS	MAE	1,161	1,060	9.5%	1,638	-29.1%	5,330	4,500	18.4%
PETROCHEMICALS	MAS	355	245	44.9%	565	-37.2%	2,328	1,610	44.6%
PETROCHEMICALS	MBE	0	0	0.0%	60	-100.0%	330	280	17.9%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETROCHEMICALS	MPS	350	224	56.3%	478	-26.8%	2,126	927	129.3%
PETROCHEMICALS	PMF	0	0	0.0%	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	7,375	10,439	-29.4%	9,907	-25.6%	43,881	71,001	-38.2%
PETRO CRCKS & SPRDS NA	EXR	240	263	-8.7%	248	-3.2%	843	1,804	-53.3%
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	0	0.0%	0	0.0%	0	275	-100.0%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	550	-100.0%	550	1,350	-59.3%
PETRO CRCKS & SPRDS NA	HOB	0	205	-100.0%	1,200	-100.0%	1,300	417	211.8%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2023	VOLUME APR 2022	% CHG	VOLUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	1,105	650	70.0%	126	777.0%	2,599	4,351	-40.3%
PETRO CRCKS & SPRDS NA	RVG	300	235	27.7%	1,200	-75.0%	6,399	12,506	-48.8%
PETRO CRK&SPRD EURO	1NB	66	300	-78.0%	0	0.0%	265	1,605	-83.5%
PETRO CRK&SPRD EURO	43	20	25	-20.0%	0	0.0%	95	121	-21.5%
PETRO CRK&SPRD EURO	BOB	0	15	-100.0%	0	0.0%	120	575	-79.1%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	EPN	435	262	66.0%	331	31.4%	1,240	1,598	-22.4%
PETRO CRK&SPRD EURO	EVC	60	0	0.0%	285	-78.9%	345	787	-56.2%
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	-	30	-100.0%	30	0	-
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	87	0	0.0%	41	112.2%	228	547	-58.3%
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	200	0	0.0%	570	-64.9%	970	610	59.0%
PETROLEUM PRODUCTS	EWG	141	0	0.0%	105	34.3%	1,196	1,893	-36.8%
PETROLEUM PRODUCTS	H5F	100	25	300.0%	0	0.0%	300	75	300.0%
PETROLEUM PRODUCTS	JCC	280	2,071	-86.5%	2,960	-90.5%	7,270	5,851	24.3%
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	9	32	-71.9%	24	-62.5%	72	168	-57.1%
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	500	-100.0%	0	0.0%	0	848	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	5	0	0.0%	10	-50.0%	15	0	0.0%
PETROLEUM PRODUCTS ASIA	MJN	360	823	-56.3%	850	-57.6%	2,194	4,332	-49.4%
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	20	51	-60.8%	51	-60.8%	137	125	9.6%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0F	0	9	-100.0%	0	0.0%	0	9	-100.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOLUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG	
Energy Futures									
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	0	-	30	-100.0%	60	0	-
PETRO OUTFRIGHT EURO	7I	0	50	-100.0%	0	0.0%	75	285	-73.7%
PETRO OUTFRIGHT EURO	7R	0	0	0.0%	0	0.0%	30	21	42.9%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	5	-100.0%	5	0	0.0%
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	CPB	405	70	478.6%	390	3.8%	1,353	934	44.9%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	273	0	0.0%	326	-16.3%	1,456	429	239.4%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	M1B	595	1,071	-44.4%	923	-35.5%	3,830	4,817	-20.5%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	MBN	995	402	147.5%	12	8,191.7%	1,750	2,937	-40.4%
PETRO OUTFRIGHT EURO	MEF	0	1	-100.0%	0	0.0%	2	49	-95.9%
PETRO OUTFRIGHT EURO	MQA	203	0	0.0%	206	-1.5%	627	138	354.3%
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	R5M	783	1,518	-48.4%	1,684	-53.5%	5,519	8,480	-34.9%
PETRO OUTFRIGHT EURO	R5O	515	816	-36.9%	552	-6.7%	2,400	5,952	-59.7%
PETRO OUTFRIGHT EURO	RBM	5	10	-50.0%	35	-85.7%	83	51	62.7%
PETRO OUTFRIGHT EURO	S5B	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTFRIGHT EURO	S5F	497	56	787.5%	486	2.3%	1,554	556	179.5%
PETRO OUTFRIGHT EURO	S5M	1,182	1,743	-32.2%	1,971	-40.0%	7,200	10,649	-32.4%
PETRO OUTFRIGHT EURO	S5O	414	2,664	-84.5%	637	-35.0%	3,406	14,541	-76.6%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	SR5	0	0	-	180	-100.0%	240	0	-
PETRO OUTFRIGHT EURO	TLB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ULB	50	0	-	0	0.0%	150	0	-
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	A8B	260	505	-48.5%	0	0.0%	360	600	-40.0%
PETRO OUTFRIGHT NA	AB6	520	100	420.0%	25	1,980.0%	825	1,330	-38.0%
PETRO OUTFRIGHT NA	BCR	625	555	12.6%	1,200	-47.9%	3,825	13,170	-71.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2023	VOLUME APR 2022	% CHG	VOLUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Futures									
PETRO OUTHRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTHRIGHT NA	JE	0	60	-100.0%	0	0.0%	0	60	-100.0%
PETRO OUTHRIGHT NA	JET	1,650	275	500.0%	1,350	22.2%	3,725	2,810	32.6%
PETRO OUTHRIGHT NA	JTB	0	475	-100.0%	150	-100.0%	225	1,456	-84.5%
PETRO OUTHRIGHT NA	MBL	130	90	44.4%	0	0.0%	130	605	-78.5%
PETRO OUTHRIGHT NA	MEN	29	65	-55.4%	20	45.0%	154	386	-60.1%
PETRO OUTHRIGHT NA	MEO	132	187	-29.4%	170	-22.4%	657	876	-25.0%
PETRO OUTHRIGHT NA	MFD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTHRIGHT 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	572	943	-39.3%	350	63.4%	2,489	4,435	-43.9%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	15	-100.0%	15	15	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,137	1,300	-12.5%	1,861	-38.9%	5,265	6,842	-23.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	23,554	11,170	110.9%	14,329	64.4%	75,579	50,996	48.2%
RBOB CALENDAR SWAP	RL	6,238	5,988	4.2%	10,845	-42.5%	30,183	26,361	14.5%
RBOB CRACK SPREAD	RM	3,331	2,400	38.8%	825	303.8%	5,961	11,160	-46.6%
RBOB CRACK SPREAD BALMO S	1E	100	0	-	0	0.0%	100	0	-
RBOB GASOLINE BALMO CLNDR	1D	717	469	52.9%	1,055	-32.0%	3,631	5,592	-35.1%
RBOB PHY	MRB	2	0	-	5	-60.0%	14	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%	30	375	-92.0%
SINGAPORE 180CST BALMO	BS	0	0	-	4	-100.0%	7	0	-
SINGAPORE 380CST BALMO	BT	0	1	-100.0%	0	0.0%	0	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	163	203	-19.7%	156	4.5%	491	1,195	-58.9%
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	0	0	0.0%	6	-100.0%	24	0	0.0%
SINGAPORE GASOIL	MAF	0	814	-100.0%	11	-100.0%	220	2,262	-90.3%
SINGAPORE GASOIL	MTB	0	90	-100.0%	0	0.0%	0	151	-100.0%

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NYMEX/COMEX Exchange Volume Report - Monthly

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Energy Futures									
SINGAPORE GASOIL	MTS	65	281	-76.9%	116	-44.0%	2,124	1,448	46.7%
SINGAPORE GASOIL	SBM	0	80	-100.0%	0	0.0%	0	257	-100.0%
SINGAPORE GASOIL CALENDAR	MSG	23	120	-80.8%	43	-46.5%	140	1,043	-86.6%
SINGAPORE GASOIL SWAP	SG	1,000	901	11.0%	550	81.8%	3,390	2,621	29.3%
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	3,491	-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%	100	-100.0%	100	210	-52.4%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	850	0	0.0%	250	240.0%	1,125	300	275.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	172	-100.0%	172	228	-24.6%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	75	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	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	6,002	5,633	6.6%	9,384	-36.0%	27,625	30,858	-10.5%
UP DOWN GC ULSD VS NMX HO	LT	37,652	18,071	108.4%	24,234	55.4%	113,180	151,702	-25.4%
WTI-BRENT CALENDAR SWAP	BK	47,792	47,606	0.4%	78,029	-38.8%	211,512	262,223	-19.3%
WTI CALENDAR	CS	61,284	66,415	-7.7%	64,361	-4.8%	245,230	306,521	-20.0%
WTI MIDLAND CRUDE OIL	WTL	480	0	0.0%	420	14.3%	900	0	0.0%
WTS (ARGUS) VS WTI SWAP	FF	6,414	1,650	288.7%	139	4,514.4%	9,743	14,785	-34.1%
WTS (ARGUS) VS WTI TRD MT	FH	24	900	-97.3%	880	-97.3%	949	4,545	-79.1%
Energy Options									
BRENT CALENDAR SWAP	BA	12	0	0.0%	0	0.0%	428	2,600	-83.5%
BRENT CRUDE OIL 1 M CSO	9C	0	3,550	-100.0%	0	0.0%	0	87,500	-100.0%
BRENT OIL LAST DAY	BE	6,782	11,940	-43.2%	4,750	42.8%	25,694	42,934	-40.2%
BRENT OIL LAST DAY	BZO	9,651	23,871	-59.6%	18,925	-49.0%	46,491	94,512	-50.8%
COAL API2 INDEX	F2C	100	104	-3.8%	0	0.0%	165	324	-49.1%
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	80,050	59,532	34.5%	21,200	277.6%	189,100	376,071	-49.7%
CRUDE OIL APO	AO	47,389	9,771	385.0%	23,982	97.6%	110,449	98,032	12.7%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	11,766	0	-	6,464	82.0%	33,852	0	-
CRUDE OIL PHY	LC	44,850	54,922	-18.3%	50,770	-11.7%	153,504	199,474	-23.0%

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NYMEX/COMEX Exchange Volume Report - Monthly

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Energy Options									
CRUDE OIL PHY	LO	2,134,247	1,912,021	11.6%	3,008,889	-29.1%	8,947,424	11,305,944	-20.9%
CRUDE OIL PHY	LO1	40,561	13,187	207.6%	31,193	30.0%	165,664	138,347	19.7%
CRUDE OIL PHY	LO2	44,317	17,684	150.6%	39,874	11.1%	164,902	83,874	96.6%
CRUDE OIL PHY	LO3	37,666	50	75,232.0%	33,840	11.3%	129,076	73,756	75.0%
CRUDE OIL PHY	LO4	38,280	18,159	110.8%	68,021	-43.7%	180,795	141,714	27.6%
CRUDE OIL PHY	LO5	0	17,876	-100.0%	60,875	-100.0%	60,875	17,877	240.5%
CRUDE OIL PHY	MCO	12,703	0	-	21,475	-40.8%	68,106	0	-
CRUDE OIL PHY	MW1	1,128	0	-	1,273	-11.4%	5,315	0	-
CRUDE OIL PHY	MW2	875	0	-	1,911	-54.2%	6,136	0	-
CRUDE OIL PHY	MW3	1,130	0	-	3,029	-62.7%	6,510	0	-
CRUDE OIL PHY	MW4	1,309	0	-	3,060	-57.2%	11,517	0	-
CRUDE OIL PHY	MW5	0	0	-	1,787	-100.0%	1,787	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	2,210	1,823	21.2%	2,214	-0.2%	8,069	15,427	-47.7%
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	250	-100.0%	0	0.0%	0	250	-100.0%
HEATING OIL PHY	FZ	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	28	0	0.0%	24	16.7%	52	382	-86.4%
HEATING OIL PHY	OH	10,008	6,748	48.3%	15,233	-34.3%	57,478	56,187	2.3%
HENRY HUB FINANCIAL LAST	E7	8,059	4,397	83.3%	8,027	0.4%	47,060	25,867	81.9%
HENRY HUB FINANCIAL LAST	ECNG	3,909	0	-	2,544	53.7%	14,828	0	-
HO 1 MONTH CLNDR OPTIONS	FA	6,750	175	3,757.1%	1,050	542.9%	10,900	875	1,145.7%
LLS CRUDE OIL	HTO	0	0	0.0%	0	0.0%	0	1,200	-100.0%
LLS CRUDE OIL	WTO	1,200	0	0.0%	0	0.0%	3,000	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	LN1	0	0	0.0%	0	0.0%	0	220	-100.0%
NATURAL GAS	LN2	0	0	0.0%	0	0.0%	100	602	-83.4%
NATURAL GAS	LN3	0	6	-100.0%	0	0.0%	0	1,028	-100.0%
NATURAL GAS	LN4	0	1	-100.0%	0	0.0%	0	1,515	-100.0%
NATURAL GAS	LN5	0	2	-100.0%	0	0.0%	0	2	-100.0%
NATURAL GAS 1 M CSO FIN	G4	65,500	64,450	1.6%	33,750	94.1%	310,954	507,242	-38.7%
NATURAL GAS 2 M CSO FIN	G2	0	9,000	-100.0%	0	0.0%	0	9,000	-100.0%
NATURAL GAS 3 M CSO FIN	G3	145,950	34,950	317.6%	84,900	71.9%	295,050	116,050	154.2%
NATURAL GAS 5 M CSO FIN	G5	750	12,900	-94.2%	6,400	-88.3%	8,650	46,250	-81.3%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOLUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG	
Energy Options									
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	17,875	-100.0%	65,250	67,400	-3.2%
NATURAL GAS OPT	JFO	0	0	0.0%	0	0.0%	0	300	-100.0%
NATURAL GAS OPT	JKO	0	1,075	-100.0%	0	0.0%	0	2,925	-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	500	300	66.7%	300	66.7%	1,300	1,950	-33.3%
NATURAL GAS PHY	LN	2,688,135	2,452,013	9.6%	2,690,632	-0.1%	10,030,880	8,853,401	13.3%
NATURAL GAS PHY	ON	93,163	86,804	7.3%	66,918	39.2%	295,287	400,199	-26.2%
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	5,341	2,725	96.0%	6,564	-18.6%	13,731	8,223	67.0%
PETROCHEMICALS	4H	0	300	-100.0%	0	0.0%	318	802	-60.3%
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	60	0	0.0%	0	0.0%	60	375	-84.0%
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	60	-100.0%	0	0.0%	0	187	-100.0%
RBOB PHY	OB	4,021	1,098	266.2%	5,500	-26.9%	13,563	11,418	18.8%
RBOB PHY	RF	21	420	-95.0%	0	0.0%	21	630	-96.7%
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%	250	0.0%	700	100	600.0%
SHORT TERM	U14	100	350	-71.4%	0	0.0%	100	450	-77.8%
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U22	0	0	0.0%	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	0	0.0%	0	0.0%	150	200	-25.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	-	0	0	0.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U03	0	0	0.0%	4,150	-100.0%	4,150	0	0.0%
SHORT TERM NATURAL GAS	U04	100	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM NATURAL GAS	U05	600	0	0.0%	0	0.0%	600	0	0.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U07	0	400	-100.0%	0	0.0%	0	550	-100.0%
SHORT TERM NATURAL GAS	U08	0	50	-100.0%	0	0.0%	0	150	-100.0%
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%	100	-100.0%	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	200	-100.0%	0	0.0%	0	300	-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	500	-100.0%	0	0.0%	0	500	-100.0%
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	0	0	0.0%	100	-100.0%	150	0	0.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	1,400	-100.0%	1,500	100	1,400.0%
WTI-BRENT BULLET SWAP	BV	26,075	23,300	11.9%	15,750	65.6%	64,325	124,075	-48.2%
WTI CRUDE OIL 1 M CSO FI	7A	151,610	59,050	156.7%	63,250	139.7%	283,960	175,450	61.8%
Metals Futures									
COMEX GOLD	GC	3,836,274	3,375,589	13.6%	7,075,894	-45.8%	19,850,681	19,708,269	0.7%
NYMEX HOT ROLLED STEEL	HR	19,666	20,122	-2.3%	33,273	-40.9%	122,778	105,788	16.1%
NYMEX PLATINUM	PL	365,545	325,352	12.4%	599,072	-39.0%	1,823,843	1,679,993	8.6%
PALLADIUM	PA	44,803	27,933	60.4%	44,925	-0.3%	236,258	206,788	14.3%
URANIUM	UX	0	6	-100.0%	0	0.0%	0	24	-100.0%
COMEX SILVER	SI	1,637,181	1,488,883	10.0%	1,518,839	7.8%	6,154,226	5,820,434	5.7%
COMEX E-Mini GOLD	QO	35,467	24,719	43.5%	57,281	-38.1%	174,144	126,702	37.4%
COMEX E-Mini SILVER	QI	6,831	4,048	68.8%	8,000	-14.6%	27,687	17,143	61.5%
COMEX COPPER	HG	2,183,286	1,731,886	26.1%	2,234,006	-2.3%	8,931,835	7,043,330	26.8%
COMEX MINY COPPER	QC	6,225	4,219	47.5%	7,735	-19.5%	24,696	15,139	63.1%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2023	VOLUME APR 2022	% CHG	VOLUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Metals Futures									
ALUMINUM	A38	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	AEP	1,282	300	327.3%	1,497	-14.4%	13,086	8,078	62.0%
ALUMINUM	ALA	0	0	0.0%	0	0.0%	180	1,610	-88.8%
ALUMINUM	ALI	81,926	18,349	346.5%	78,261	4.7%	279,724	51,693	441.1%
ALUMINUM	AUP	6,015	5,209	15.5%	5,593	7.5%	27,039	21,270	27.1%
ALUMINUM	EDP	2,965	2,338	26.8%	3,797	-21.9%	17,234	15,771	9.3%
ALUMINUM	MJP	160	0	0.0%	510	-68.6%	760	1,410	-46.1%
COBALT METAL FUTURES	COB	3,336	589	466.4%	2,466	35.3%	13,667	1,837	644.0%
COBALT METAL FUTURES	MOX	149	0	-	170	-12.4%	319	0	-
COPPER	HGS	3,725	2,353	58.3%	182	1,946.7%	9,410	9,248	1.8%
COPPER	MHG	102,703	0	-	124,858	-17.7%	448,075	0	-
FERROUS PRODUCTS	BUS	858	1,495	-42.6%	1,088	-21.1%	5,085	10,764	-52.8%
FERROUS PRODUCTS	FSF	25	0	-	1	2,400.0%	55	0	-
GOLD	4GC	0	0	0.0%	0	-	0	0	0.0%
GOLD	SGC	790	889	-11.1%	550	43.6%	1,406	4,678	-69.9%
GOLD	SGU	744	8,926	-91.7%	526	41.4%	1,434	45,041	-96.8%
HOT ROLLED COIL STEEL FUTURES	EHR	3,180	1,664	91.1%	4,476	-29.0%	26,475	8,033	229.6%
IRON ORE CHINA	TIO	34	1,345	-97.5%	46	-26.1%	835	5,259	-84.1%
METALS	HDG	0	150	-100.0%	15	-100.0%	1,395	207	573.9%
METALS	LTH	1,134	0	0.0%	521	117.7%	1,847	0	0.0%
METALS	PAC	0	0	0.0%	300	-100.0%	500	1,000	-50.0%
MICRO GOLD	MGC	1,587,705	1,009,552	57.3%	1,737,409	-8.6%	5,847,097	4,975,930	17.5%
SILVER	SIL	232,289	155,403	49.5%	242,982	-4.4%	909,475	718,776	26.5%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	0	0.0%
ALUMINUM	AX	811	0	-	1,089	-25.5%	2,965	0	-
COMEX COPPER	HX	105,268	73,238	43.7%	151,161	-30.4%	622,827	275,203	126.3%
COMEX GOLD	ECGC	8,577	0	-	5,666	51.4%	23,683	0	-
COMEX GOLD	OG	905,628	758,701	19.4%	1,514,804	-40.2%	4,240,144	3,816,486	11.1%
COMEX SILVER	ECSI	9,502	0	-	6,346	49.7%	25,909	0	-
COMEX SILVER	SO	168,299	95,661	75.9%	192,337	-12.5%	666,677	445,208	49.7%
COPPER	ECHG	4,683	0	-	6,526	-28.2%	21,823	0	-
COPPER	H1E	451	57	691.2%	559	-19.3%	2,894	421	587.4%
COPPER	H1M	57	0	-	282	-79.8%	771	0	-

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NYMEX/COMEX Exchange Volume Report - Monthly

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Metals Options									
COPPER	H1W	197	0	-	514	-61.7%	1,408	0	-
COPPER	H2E	1,173	260	351.2%	699	67.8%	3,884	774	401.8%
COPPER	H2M	118	0	-	322	-63.4%	1,462	0	-
COPPER	H2W	285	0	-	134	112.7%	1,712	0	-
COPPER	H3E	350	26	1,246.2%	370	-5.4%	2,408	295	716.3%
COPPER	H3M	155	0	-	541	-71.3%	829	0	-
COPPER	H3W	196	0	-	410	-52.2%	1,397	0	-
COPPER	H4E	424	75	465.3%	397	6.8%	1,814	184	885.9%
COPPER	H4M	56	0	-	356	-84.3%	1,260	0	-
COPPER	H4W	76	0	-	276	-72.5%	698	0	-
COPPER	H5E	0	32	-100.0%	251	-100.0%	251	32	684.4%
COPPER	H5M	0	0	-	0	0.0%	191	0	-
COPPER	H5W	0	0	-	260	-100.0%	260	0	-
GOLD	G1M	9,341	0	-	12,171	-23.3%	40,527	0	-
GOLD	G1W	11,478	0	-	6,086	88.6%	40,076	0	-
GOLD	G2M	12,142	0	-	13,734	-11.6%	47,304	0	-
GOLD	G2W	12,414	0	-	8,077	53.7%	43,249	0	-
GOLD	G3M	11,169	0	-	21,161	-47.2%	33,478	0	-
GOLD	G3W	13,587	0	-	10,383	30.9%	48,980	0	-
GOLD	G4M	5,465	0	-	8,335	-34.4%	28,161	0	-
GOLD	G4W	7,376	0	-	14,308	-48.4%	34,017	0	-
GOLD	G5M	0	0	-	0	0.0%	7,925	0	-
GOLD	G5W	0	0	-	5,363	-100.0%	5,363	0	-
GOLD	OG1	41,608	30,600	36.0%	32,634	27.5%	187,087	211,149	-11.4%
GOLD	OG2	62,032	35,844	73.1%	50,225	23.5%	233,468	213,419	9.4%
GOLD	OG3	35,756	49,261	-27.4%	87,801	-59.3%	239,339	216,034	10.8%
GOLD	OG4	41,735	43,382	-3.8%	57,915	-27.9%	144,856	200,281	-27.7%
GOLD	OG5	0	39,085	-100.0%	42,962	-100.0%	42,962	39,085	9.9%
IRON ORE CHINA	ICT	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	HRO	1,350	675	100.0%	1,340	0.7%	10,615	6,960	52.5%
NYMEX PLATINUM	PO	27,337	6,730	306.2%	11,370	140.4%	57,541	28,853	99.4%
PALLADIUM	PAO	919	42	2,088.1%	1,265	-27.4%	4,150	90	4,511.1%
SILVER	M1S	1,393	0	-	1,234	12.9%	4,664	0	-
SILVER	M2S	3,065	0	-	1,220	151.2%	6,860	0	-
SILVER	M3S	706	0	-	2,004	-64.8%	2,758	0	-

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NYMEX/COMEX Exchange Volume Report - Monthly

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Metals Options									
SILVER	M4S	392	0	-	1,029	-61.9%	2,809	0	-
SILVER	M5S	0	0	-	0	0.0%	607	0	-
SILVER	SO1	6,859	1,338	412.6%	5,231	31.1%	32,721	20,985	55.9%
SILVER	SO2	8,685	3,198	171.6%	6,875	26.3%	28,846	25,446	13.4%
SILVER	SO3	6,611	3,023	118.7%	9,573	-30.9%	28,891	17,773	62.6%
SILVER	SO4	3,604	2,713	32.8%	3,696	-2.5%	15,080	14,997	0.6%
SILVER	SO5	0	2,289	-100.0%	7,933	-100.0%	7,933	2,289	246.6%
SILVER	W1S	2,573	0	-	726	254.4%	6,181	0	-
SILVER	W2S	1,981	0	-	546	262.8%	5,946	0	-
SILVER	W3S	1,410	0	-	1,008	39.9%	5,907	0	-
SILVER	W4S	931	0	-	799	16.5%	3,205	0	-
SILVER	W5S	0	0	-	294	-100.0%	294	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	0.0%	0	-	0	0	0.0%
Energy Futures		34,024,789	34,600,595	-1.7%	42,041,645	-19.1%	146,944,950	172,295,335	-14.7%
Metals Futures		10,164,298	8,211,319	23.8%	13,784,273	-26.3%	44,951,246	40,604,215	10.7%
TOTAL FUTURES		44,189,087	42,811,914	3.2%	55,825,918	-20.8%	191,896,196	212,899,550	-9.9%
TOTAL OPTIONS GROUP									
Energy Options		5,727,156	4,906,014	16.7%	6,428,249	-10.9%	21,841,377	23,096,971	-5.4%
Metals Options		1,538,225	1,146,230	34.2%	2,310,598	-33.4%	7,027,067	5,535,964	26.9%
TOTAL OPTIONS		7,265,381	6,052,244	20.0%	8,738,847	-16.9%	28,868,444	28,632,935	0.8%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOLUME MAR 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	39,751,945	39,506,609	0.6%	48,469,894	-18.0%	168,786,327	195,392,306	-13.6%
Metals	11,702,523	9,357,549	25.1%	16,094,871	-27.3%	51,978,313	46,140,179	12.7%
GRAND TOTAL	51,454,468	48,864,158	5.3%	64,564,765	-20.3%	220,764,640	241,532,485	-8.6%