

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2022	VOLUME APR 2021	% CHG	VOLUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Ag Products Futures									
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%
Energy Futures									
CRUDE OIL PHY	CL	14,071,838	18,812,847	-25.2%	23,680,732	-40.6%	81,413,855	85,880,036	-5.2%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	0	3,232	-100.0%
MINY WTI CRUDE OIL	QM	537,340	439,802	22.2%	1,117,732	-51.9%	2,721,526	1,593,997	70.7%
BRENT OIL LAST DAY	BZ	1,026,230	1,969,463	-47.9%	1,826,662	-43.8%	6,937,494	9,076,532	-23.6%
HEATING OIL PHY	HO	2,472,175	2,510,601	-1.5%	3,567,730	-30.7%	14,714,827	12,858,508	14.4%
HTG OIL	BH	36	60	-40.0%	0	0.0%	36	60	-40.0%
MINY HTG OIL	QH	12	9	33.3%	7	71.4%	33	28	17.9%
RBOB PHY	RB	3,156,137	3,733,196	-15.5%	4,226,872	-25.3%	15,552,269	16,188,343	-3.9%
MINY RBOB GAS	QU	12	13	-7.7%	9	33.3%	38	36	5.6%
NATURAL GAS	HP	223,062	83,701	166.5%	205,629	8.5%	779,833	460,989	69.2%
LTD NAT GAS	HH	426,274	252,554	68.8%	312,209	36.5%	1,454,426	1,086,476	33.9%
MINY NATURAL GAS	QG	483,192	65,886	633.4%	195,933	146.6%	1,104,544	478,223	131.0%
PJM MONTHLY	JM	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	NG	8,930,997	6,860,384	30.2%	7,004,478	27.5%	32,698,362	32,443,306	0.8%
RBOB GAS	RT	24	60	-60.0%	0	0.0%	24	60	-60.0%
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	10,630	12,500	-15.0%	2,465	331.2%	17,150	31,400	-45.4%
ARGUS PROPAN FAR EST INDE	7E	5,002	4,886	2.4%	6,676	-25.1%	21,997	23,424	-6.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,035	1,101	84.8%	2,651	-23.2%	9,043	8,454	7.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	-	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	790	-100.0%	1,487	600	147.8%
BRENT CALENDAR SWAP	CY	10,254	9,750	5.2%	38,209	-73.2%	72,818	30,152	141.5%
BRENT FINANCIAL FUTURES	BB	0	1,000	-100.0%	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	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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Energy Futures									
CAR VINTAGE	GEO	1,139	80	1,323.8%	4,042	-71.8%	9,951	194	5,029.4%
CAR VINTAGE	NGO	5,536	0	-	18,860	-70.6%	44,498	0	-
CHICAGO ETHANOL SWAP	CU	54,981	76,208	-27.9%	73,904	-25.6%	236,974	312,847	-24.3%
CHICAGO ULSD PL VS HO SPR	5C	790	265	198.1%	1,165	-32.2%	2,933	2,387	22.9%
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	481	225	113.8%	43	1,018.6%	916	647	41.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	595	154	286.4%	30	1,883.3%	1,197	497	140.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,243	13,655	33.6%	18,469	-1.2%	57,073	46,724	22.1%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	229	280	-18.2%	450	-49.1%	1,354	1,664	-18.6%
CRUDE OIL OUTRIGHTS	42	709	381	86.1%	2,423	-70.7%	4,909	1,460	236.2%
CRUDE OIL OUTRIGHTS	CC5	240	2,370	-89.9%	540	-55.6%	1,461	7,089	-79.4%
CRUDE OIL OUTRIGHTS	CSW	0	1,794	-100.0%	210	-100.0%	900	6,989	-87.1%
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	0	0.0%	0	0.0%	0	2,190	-100.0%
CRUDE OIL OUTRIGHTS	HTT	80,895	58,605	38.0%	65,375	23.7%	277,540	251,474	10.4%
CRUDE OIL OUTRIGHTS	LSW	380	315	20.6%	870	-56.3%	3,050	5,115	-40.4%
CRUDE OIL OUTRIGHTS	WCW	1,865	4,455	-58.1%	1,275	46.3%	11,925	21,957	-45.7%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	2,036	-100.0%	0	0.0%	0	15,562	-100.0%
CRUDE OIL PHY	MCL	2,450,132	0	-	5,205,001	-52.9%	10,965,225	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	ANT	1,005	0	0.0%	0	0.0%	1,005	817	23.0%
CRUDE OIL SPRDS	HIL	600	0	0.0%	2,655	-77.4%	3,255	4,800	-32.2%
CRUDE OIL SPRDS	WTT	43,542	11,672	273.0%	53,752	-19.0%	194,068	118,012	64.4%
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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Energy Futures									
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	0	0.0%	300	-100.0%	2,220	660	236.4%
DIESEL 10P BRG FOB RDM VS	7X	5	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%	1,000	-100.0%	2,000	0	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,124	77,121	-98.5%	2,867	-60.8%	13,672	220,966	-93.8%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	78	997	-92.2%	120	-35.0%	456	2,568	-82.2%
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	1,051	0	-	160	556.9%	1,211	0	-
ETHANOL	MTH	0	10	-100.0%	0	0.0%	10	10	0.0%
ETHANOL SWAP	MT2	150	60	150.0%	250	-40.0%	1,115	398	180.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	1,814	4,095	-55.7%	3,915	-53.7%	12,561	15,510	-19.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	130	0	0.0%	170	-23.5%	1,115	803	38.9%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	12	-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	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	UV	0	1	-100.0%	85	-100.0%	546	216	152.8%
EUROPEAN GASOIL (ICE)	7F	1,679	10	16,690.0%	3,091	-45.7%	7,425	4,264	74.1%
EUROPEAN NAPHTHA BALMO	KZ	35	8	337.5%	5	600.0%	120	16	650.0%

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Energy Futures									
EUROPEAN NAPHTHA CRACK SPR	EN	961	704	36.5%	3,844	-75.0%	11,970	2,839	321.6%
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	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	324	393	-17.6%	1,026	-68.4%	3,370	1,955	72.4%
EURO PROPANE CIF ARA SWA	PS	1,310	1,298	0.9%	2,577	-49.2%	7,582	6,486	16.9%
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	9	-100.0%	0	0.0%	0	104	-100.0%
FREIGHT MARKETS	BF3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	CS4	0	0	-	120	-100.0%	120	0	-
FREIGHT MARKETS	FLJ	0	15	-100.0%	0	0.0%	0	15	-100.0%
FREIGHT MARKETS	FLP	33	66	-50.0%	69	-52.2%	178	486	-63.4%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	70	-100.0%
FREIGHT MARKETS	T2D	0	0	0.0%	144	-100.0%	708	155	356.8%
FREIGHT MARKETS	T7C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T8C	0	0	-	0	0.0%	0	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	165	0	0.0%	68	142.6%	1,081	1,288	-16.1%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	66	0	0.0%
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	212	256	-17.2%	253	-16.2%	1,059	2,249	-52.9%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,482	1,224	21.1%	4,507	-67.1%	15,129	19,872	-23.9%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	45	-100.0%	45	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	10	-100.0%	10	30	-66.7%
GASOIL 0.1 ROTTERDAM BARG	VL	5	5	0.0%	45	-88.9%	50	50	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	5	200	-97.5%	236	-97.9%	926	609	52.1%
GASOIL CRACK SPREAD CALEN	GZ	1,098	0	0.0%	3,384	-67.6%	10,112	3,735	170.7%
GASOIL MINI CALENDAR SWAP	QA	165	425	-61.2%	782	-78.9%	1,801	1,648	9.3%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	0	0.0%	0	48	-100.0%

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Energy Futures									
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	-	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	7,175	4,315	66.3%	9,425	-23.9%	27,735	19,940	39.1%
GRP THREE UNL GS (PLT) VS	A8	4,910	760	546.1%	7,625	-35.6%	18,240	11,470	59.0%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	400	-100.0%	650	0	0.0%
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	5,919	22,267	-73.4%	14,052	-57.9%	59,187	93,366	-36.6%
GULF COAST NO.6 FUEL OIL	MF	4,893	1,397	250.3%	3,796	28.9%	14,165	11,161	26.9%
GULF COAST NO.6 FUEL OIL	MG	4,385	0	0.0%	3,860	13.6%	30,530	0	0.0%
GULF COAST ULSD CALENDAR	LY	70	940	-92.6%	75	-6.7%	368	2,433	-84.9%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	15	0	0.0%	0	0.0%	1,509	1,201	25.6%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	2,450	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
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	21,612	31,133	-30.6%	46,408	-53.4%	121,566	99,969	21.6%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	135	756	-82.1%	510	-73.5%	2,085	3,407	-38.8%
ICE GASOIL BALMO SWAP	U9	0	20	-100.0%	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	355	-100.0%	0	0.0%	0	890	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	97	97	0.0%	235	-58.7%	524	273	91.9%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	6	-100.0%	6	0	0.0%
JET CIF NWE VS ICE	JC	34	117	-70.9%	167	-79.6%	945	511	84.9%
JET FUEL UP-DOWN BALMO CL	1M	1,035	1,100	-5.9%	3,810	-72.8%	10,998	3,587	206.6%
JKM LNG Futures	JKM	290	389	-25.4%	1,140	-74.6%	1,593	1,667	-4.4%
LA CARB DIESEL (OPIS) SWA	KL	282	50	464.0%	615	-54.1%	2,113	695	204.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	100	-100.0%	0	0.0%	0	100	-100.0%
LA JET (OPIS) SWAP	JS	575	200	187.5%	500	15.0%	2,625	1,185	121.5%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	360	-100.0%	60	-100.0%	93	970	-90.4%

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LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	-	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	150	-100.0%	460	-100.0%	1,460	1,300	12.3%
MARS (ARGUS) VS WTI TRD M	YV	12,100	20,470	-40.9%	20,420	-40.7%	61,638	77,793	-20.8%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	5,321	8,573	-37.9%	11,249	-52.7%	30,098	59,850	-49.7%
MCCLOSKEY RCH BAY COAL	MFF	466	641	-27.3%	718	-35.1%	2,043	3,805	-46.3%
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	5	45	-88.9%	155	-96.8%	208	75	177.3%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	0	161	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	760	811	-6.3%	620	22.6%	1,991	2,748	-27.5%
MJC FUT	MJC	0	20	-100.0%	0	0.0%	0	20	-100.0%
MNC FUT	MNC	1,216	525	131.6%	1,828	-33.5%	6,816	1,634	317.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	28,635	22,852	25.3%	34,498	-17.0%	129,968	99,110	31.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	475	145	227.6%	446	6.5%	3,443	1,600	115.2%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	155,539	172,869	-10.0%	205,421	-24.3%	725,474	724,168	0.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	4,120	5,656	-27.2%	3,191	29.1%	16,894	16,581	1.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,692	7,619	158.5%	28,362	-30.6%	79,267	53,594	47.9%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,723	475	262.7%	1,250	37.8%	4,378	2,191	99.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	46,919	39,106	20.0%	56,080	-16.3%	200,406	180,001	11.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,216	776	56.7%	1,976	-38.5%	7,465	5,616	32.9%
NATURAL GAS PEN SWP	NP	41,645	30,455	36.7%	44,102	-5.6%	196,311	213,809	-8.2%
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	527	350	50.6%	1,375	-61.7%	2,987	685	336.1%
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%
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%



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Commodity		VOLUME APR 2022	VOLUME APR 2021	% CHG	VOLUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
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	0.0%
NY HARBOR HEAT OIL SWP	MP	1,666	776	114.7%	1,061	57.0%	4,405	4,276	3.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	300	-100.0%	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	200	225	-11.1%	175	14.3%	600	774	-22.5%
NYH NO 2 CRACK SPREAD CAL	HK	3,924	2,820	39.1%	4,340	-9.6%	10,938	8,042	36.0%
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	0	0	0.0%	166	-100.0%	1,441	50	2,782.0%
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	96	152	-36.8%	178	-46.1%	613	609	0.7%
PETROCHEMICALS	32	55	26	111.5%	86	-36.0%	199	295	-32.5%
PETROCHEMICALS	3NA	4	27	-85.2%	45	-91.1%	85	52	63.5%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	364	-100.0%	364	0	0.0%
PETROCHEMICALS	8I	839	2,230	-62.4%	2,428	-65.4%	4,925	5,547	-11.2%
PETROCHEMICALS	91	295	472	-37.5%	338	-12.7%	1,419	1,554	-8.7%
PETROCHEMICALS	MAA	110	0	0.0%	30	266.7%	350	100	250.0%
PETROCHEMICALS	MAE	1,060	430	146.5%	1,165	-9.0%	4,500	2,240	100.9%
PETROCHEMICALS	MAS	245	178	37.6%	605	-59.5%	1,610	668	141.0%
PETROCHEMICALS	MBE	0	60	-100.0%	180	-100.0%	280	180	55.6%
PETROCHEMICALS	MNB	0	53	-100.0%	0	0.0%	15	452	-96.7%
PETROCHEMICALS	MPS	224	332	-32.5%	232	-3.4%	927	1,218	-23.9%
PETROCHEMICALS	PMF	0	0	-	12	-100.0%	12	0	-
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	10,439	20,275	-48.5%	25,223	-58.6%	71,001	97,180	-26.9%

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Commodity		VOLUME APR 2022	VOLUME APR 2021	% CHG	VOLUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	EXR	263	683	-61.5%	350	-24.9%	1,804	3,447	-47.7%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	100	-100.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	20	-100.0%	0	0.0%	0	370	-100.0%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	275	-100.0%	275	580	-52.6%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	720	-100.0%	1,350	0	-
PETRO CRCKS & SPRDS NA	HOB	205	0	0.0%	212	-3.3%	417	350	19.1%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	19	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	650	1,201	-45.9%	1,891	-65.6%	4,351	6,155	-29.3%
PETRO CRCKS & SPRDS NA	RVG	235	1,495	-84.3%	5,943	-96.0%	12,506	7,291	71.5%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	1NB	300	0	0.0%	1,050	-71.4%	1,605	48	3,243.8%
PETRO CRK&SPRD EURO	43	25	0	0.0%	0	0.0%	121	9	1,244.4%
PETRO CRK&SPRD EURO	BOB	15	5	200.0%	303	-95.0%	575	317	81.4%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EPN	262	457	-42.7%	440	-40.5%	1,598	1,992	-19.8%
PETRO CRK&SPRD EURO	EVC	0	60	-100.0%	340	-100.0%	787	180	337.2%
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%	9	-100.0%	9	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	0	0	0.0%
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	0	9	-100.0%	138	-100.0%	547	64	754.7%
PETROLEUM PRODUCTS	1NM	0	210	-100.0%	0	0.0%	0	420	-100.0%
PETROLEUM PRODUCTS	BEB	0	3	-100.0%	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	1	-100.0%	0	0.0%	2	1	100.0%
PETROLEUM PRODUCTS	CMS	0	0	0.0%	200	-100.0%	610	110	454.5%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	225	-100.0%	1,893	250	657.2%
PETROLEUM PRODUCTS	H5F	25	0	0.0%	50	-50.0%	75	0	0.0%
PETROLEUM PRODUCTS	JCC	2,071	436	375.0%	315	557.5%	5,851	496	1,079.6%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	-	0	0	0.0%

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Commodity		VOLUME APR 2022	VOLUME APR 2021	% CHG	VOLUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Futures									
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	32	13	146.2%	30	6.7%	168	139	20.9%
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	500	30	1,566.7%	225	122.2%	848	311	172.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	MJN	823	200	311.5%	981	-16.1%	4,332	520	733.1%
PETRO OUTFRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	0C	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	0D	51	111	-54.1%	22	131.8%	125	349	-64.2%
PETRO OUTFRIGHT EURO	0E	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	0F	9	0	0.0%	0	0.0%	9	9	0.0%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	63	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	7I	50	0	0.0%	100	-50.0%	285	0	0.0%
PETRO OUTFRIGHT EURO	7R	0	0	0.0%	21	-100.0%	21	5	320.0%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	CPB	70	495	-85.9%	327	-78.6%	934	2,632	-64.5%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	12	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	0	0	0.0%	90	-100.0%	429	317	35.3%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTFRIGHT EURO	GNO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT EURO	M1B	1,071	902	18.7%	1,794	-40.3%	4,817	4,356	10.6%
PETRO OUTFRIGHT EURO	MBB	0	20	-100.0%	0	0.0%	0	150	-100.0%
PETRO OUTFRIGHT EURO	MBN	402	230	74.8%	1,085	-62.9%	2,937	2,206	33.1%
PETRO OUTFRIGHT EURO	MEF	1	180	-99.4%	30	-96.7%	49	1,270	-96.1%

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Energy Futures									
PETRO OUTRIGHT EURO	MQA	0	0	-	90	-100.0%	138	0	-
PETRO OUTRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTRIGHT EURO	R5B	0	20	-100.0%	0	0.0%	0	46	-100.0%
PETRO OUTRIGHT EURO	R5M	1,518	716	112.0%	2,773	-45.3%	8,480	2,301	268.5%
PETRO OUTRIGHT EURO	R5O	816	981	-16.8%	2,451	-66.7%	5,952	3,320	79.3%
PETRO OUTRIGHT EURO	RBM	10	0	0.0%	16	-37.5%	51	0	0.0%
PETRO OUTRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTRIGHT EURO	S5F	56	56	0.0%	154	-63.6%	556	483	15.1%
PETRO OUTRIGHT EURO	S5M	1,743	1,295	34.6%	3,280	-46.9%	10,649	6,585	61.7%
PETRO OUTRIGHT EURO	S5O	2,664	898	196.7%	5,369	-50.4%	14,541	4,177	248.1%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
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	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT NA	A8B	505	50	910.0%	30	1,583.3%	600	350	71.4%
PETRO OUTRIGHT NA	AB6	100	0	0.0%	955	-89.5%	1,330	900	47.8%
PETRO OUTRIGHT NA	BCR	555	2,225	-75.1%	800	-30.6%	13,170	8,660	52.1%
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	60	50	20.0%	0	0.0%	60	110	-45.5%
PETRO OUTRIGHT NA	JET	275	50	450.0%	300	-8.3%	2,810	550	410.9%
PETRO OUTRIGHT NA	JTB	475	0	0.0%	540	-12.0%	1,456	0	0.0%
PETRO OUTRIGHT NA	MBL	90	276	-67.4%	135	-33.3%	605	389	55.5%
PETRO OUTRIGHT NA	MEN	65	35	85.7%	75	-13.3%	386	204	89.2%
PETRO OUTRIGHT NA	MEO	187	304	-38.5%	215	-13.0%	876	1,648	-46.8%
PETRO OUTRIGHT NA	MFD	0	0	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 DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
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	943	869	8.5%	1,495	-36.9%	4,435	8,217	-46.0%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	15	-100.0%	15	0	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,300	2,017	-35.5%	1,526	-14.8%	6,842	6,659	2.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	11,170	10,743	4.0%	9,917	12.6%	50,996	79,080	-35.5%
RBOB CALENDAR SWAP	RL	5,988	9,560	-37.4%	7,758	-22.8%	26,361	22,905	15.1%
RBOB CRACK SPREAD	RM	2,400	4,170	-42.4%	3,705	-35.2%	11,160	10,182	9.6%
RBOB GASOLINE BALMO CLNDR	1D	469	372	26.1%	2,032	-76.9%	5,592	1,047	434.1%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	60	-100.0%	375	405	-7.4%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 380CST BALMO	BT	1	0	0.0%	0	0.0%	1	0	0.0%
SINGAPORE 380CST FUEL OIL	SE	203	319	-36.4%	356	-43.0%	1,195	732	63.3%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	0.0%	0	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	MAF	814	279	191.8%	710	14.6%	2,262	908	149.1%
SINGAPORE GASOIL	MTB	90	0	0.0%	41	119.5%	151	24	529.2%
SINGAPORE GASOIL	MTS	281	272	3.3%	508	-44.7%	1,448	1,363	6.2%
SINGAPORE GASOIL	SBM	80	7	1,042.9%	65	23.1%	257	75	242.7%
SINGAPORE GASOIL CALENDAR	MSG	120	267	-55.1%	354	-66.1%	1,043	3,307	-68.5%
SINGAPORE GASOIL SWAP	SG	901	1,308	-31.1%	410	119.8%	2,621	7,196	-63.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	1,044	-100.0%	3,936	2,951	33.4%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	722	-100.0%	3,491	300	1,063.7%

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Energy Futures									
SINGAPORE JET KEROSENE SW	KS	0	100	-100.0%	205	-100.0%	405	425	-4.7%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	210	-100.0%	210	300	-30.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	622	-100.0%	0	0.0%	300	1,902	-84.2%
Sumas Basis Swap	NK	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	228	105	117.1%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	75	-100.0%	75	135	-44.4%
TCO BASIS SWAP	TC	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	2,575	-100.0%	895	-100.0%	6,185	8,680	-28.7%
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	2,485	-100.0%
ULSD UP-DOWN BALMO SWP	1L	5,633	3,070	83.5%	6,223	-9.5%	30,858	21,244	45.3%
UP DOWN GC ULSD VS NMX HO	LT	18,071	22,660	-20.3%	49,398	-63.4%	151,702	118,863	27.6%
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	47,606	37,259	27.8%	108,726	-56.2%	262,223	161,611	62.3%
WTI CALENDAR	CS	66,415	42,954	54.6%	120,498	-44.9%	306,521	211,301	45.1%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	0	1,755	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	1,650	717	130.1%	9,792	-83.1%	14,785	16,168	-8.6%
WTS (ARGUS) VS WTI TRD MT	FH	900	0	0.0%	0	0.0%	4,545	2,790	62.9%
Energy Options									
BRENT CALENDAR SWAP	BA	0	0	0.0%	288	-100.0%	2,600	704	269.3%
BRENT CRUDE OIL 1 M CSO	9C	3,550	1,000	255.0%	79,000	-95.5%	87,500	70,000	25.0%
BRENT OIL LAST DAY	BE	11,940	28,895	-58.7%	25,802	-53.7%	42,934	110,504	-61.1%
BRENT OIL LAST DAY	BZO	23,871	38,536	-38.1%	25,863	-7.7%	94,512	145,800	-35.2%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	104	20	420.0%	0	0.0%	324	360	-10.0%
COAL API2 INDEX	F2Q	0	150	-100.0%	50	-100.0%	100	610	-83.6%
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	59,532	140,150	-57.5%	82,375	-27.7%	376,071	617,880	-39.1%
CRUDE OIL APO	AO	9,771	42,002	-76.7%	38,324	-74.5%	98,032	144,394	-32.1%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	LC	54,922	6,522	742.1%	73,784	-25.6%	199,474	33,579	494.0%

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Energy Options									
CRUDE OIL PHY	LO	1,912,021	1,906,095	0.3%	3,923,382	-51.3%	11,305,944	9,298,219	21.6%
CRUDE OIL PHY	LO1	13,187	6,509	102.6%	59,452	-77.8%	138,347	45,635	203.2%
CRUDE OIL PHY	LO2	17,684	9,389	88.3%	31,941	-44.6%	83,874	41,934	100.0%
CRUDE OIL PHY	LO3	50	6,941	-99.3%	9,962	-99.5%	73,756	31,281	135.8%
CRUDE OIL PHY	LO4	18,159	10,421	74.3%	33,987	-46.6%	141,714	49,476	186.4%
CRUDE OIL PHY	LO5	17,876	12,071	48.1%	1	#####	17,877	24,123	-25.9%
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	1,823	2,765	-34.1%	6,704	-72.8%	15,427	9,376	64.5%
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	250	0	0.0%	0	0.0%	250	330	-24.2%
HEATING OIL PHY	FZ	0	0	-	0	0.0%	0	0	-
HEATING OIL PHY	LB	0	75	-100.0%	0	0.0%	382	213	79.3%
HEATING OIL PHY	OH	6,748	4,038	67.1%	10,643	-36.6%	56,187	22,775	146.7%
HENRY HUB FINANCIAL LAST	E7	4,397	7,813	-43.7%	7,870	-44.1%	25,867	50,010	-48.3%
HO 1 MONTH CLNDR OPTIONS	FA	175	0	0.0%	250	-30.0%	875	0	0.0%
LLS CRUDE OIL	HTO	0	0	-	0	0.0%	1,200	0	-
LLS CRUDE OIL	WTO	0	0	0.0%	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	300	-100.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	LN1	0	0	-	12	-100.0%	220	0	-
NATURAL GAS	LN2	0	0	-	88	-100.0%	602	0	-
NATURAL GAS	LN3	6	0	-	124	-95.2%	1,028	0	-
NATURAL GAS	LN4	1	0	-	4	-75.0%	1,515	0	-
NATURAL GAS	LN5	2	0	-	0	-	2	0	-
NATURAL GAS 1 M CSO FIN	G4	64,450	31,550	104.3%	31,500	104.6%	507,242	176,799	186.9%
NATURAL GAS 2 M CSO FIN	G2	9,000	0	0.0%	0	0.0%	9,000	5,800	55.2%
NATURAL GAS 3 M CSO FIN	G3	34,950	23,393	49.4%	25,150	39.0%	116,050	65,631	76.8%
NATURAL GAS 5 M CSO FIN	G5	12,900	2,500	416.0%	10,450	23.4%	46,250	9,150	405.5%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	18,600	-100.0%	67,400	67,700	-0.4%
NATURAL GAS OPT	JFO	0	0	-	0	0.0%	300	0	-
NATURAL GAS OPT	JKO	1,075	1,450	-25.9%	1,700	-36.8%	2,925	6,200	-52.8%
NATURAL GAS OPT	TFO	0	20,290	-100.0%	300	-100.0%	700	77,370	-99.1%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	5,400	-100.0%	0	0.0%	600	15,200	-96.1%
NATURAL GAS PHY	KD	300	2,100	-85.7%	125	140.0%	1,950	9,175	-78.7%

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Energy Options									
NATURAL GAS PHY	LN	2,452,013	1,296,598	89.1%	2,220,511	10.4%	8,853,401	7,685,840	15.2%
NATURAL GAS PHY	ON	86,804	54,881	58.2%	78,974	9.9%	400,199	359,384	11.4%
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	2,725	981	177.8%	1,677	62.5%	8,223	3,192	157.6%
PETROCHEMICALS	4H	300	14	2,042.9%	310	-3.2%	802	1,769	-54.7%
PETROCHEMICALS	4J	0	400	-100.0%	0	0.0%	0	400	-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	0	0.0%
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	90	-100.0%	60	-100.0%	375	750	-50.0%
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	0.0%
RBOB CALENDAR SWAP	RA	60	418	-85.6%	39	53.8%	187	1,120	-83.3%
RBOB PHY	OB	1,098	9,770	-88.8%	2,448	-55.1%	11,418	30,146	-62.1%
RBOB PHY	RF	420	60	600.0%	210	100.0%	630	214	194.4%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM	U13	0	200	-100.0%	0	0.0%	100	200	-50.0%
SHORT TERM	U14	350	0	0.0%	0	0.0%	450	0	0.0%
SHORT TERM	U15	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U22	0	0	0.0%	200	-100.0%	200	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%	0	0.0%	200	300	-33.3%
SHORT TERM	U26	0	75	-100.0%	0	0.0%	0	75	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	200	-100.0%	200	75	166.7%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	0	150	-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%	0	0.0%	100	100	0.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U06	0	350	-100.0%	0	0.0%	100	350	-71.4%

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Energy Options									
SHORT TERM NATURAL GAS	U07	400	75	433.3%	150	166.7%	550	75	633.3%
SHORT TERM NATURAL GAS	U08	50	50	0.0%	0	0.0%	150	50	200.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	200	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	100	-100.0%	200	0	0.0%
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	200	0	0.0%	100	100.0%	300	0	0.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U21	500	0	0.0%	0	0.0%	500	0	0.0%
SHORT TERM NATURAL GAS	U27	0	0	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	150	-100.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	100	0	0.0%
WTI-BRENT BULLET SWAP	BV	23,300	40,300	-42.2%	35,625	-34.6%	124,075	134,575	-7.8%
WTI CRUDE OIL 1 M CSO FI	7A	59,050	107,275	-45.0%	42,450	39.1%	175,450	332,175	-47.2%
Metals Futures									
COMEX GOLD	GC	3,375,589	3,590,449	-6.0%	6,310,950	-46.5%	19,708,269	20,590,805	-4.3%
NYMEX HOT ROLLED STEEL	HR	20,122	21,954	-8.3%	37,604	-46.5%	105,788	88,584	19.4%
NYMEX PLATINUM	PL	325,352	275,683	18.0%	592,236	-45.1%	1,679,993	1,450,693	15.8%
PALLADIUM	PA	27,933	33,356	-16.3%	51,574	-45.8%	206,788	186,249	11.0%
URANIUM	UX	6	0	0.0%	17	-64.7%	24	400	-94.0%
COMEX SILVER	SI	1,488,883	1,762,614	-15.5%	1,440,688	3.3%	5,820,434	7,967,480	-26.9%
COMEX E-Mini GOLD	QO	24,719	17,937	37.8%	45,999	-46.3%	126,702	97,883	29.4%
COMEX E-Mini SILVER	QI	4,048	4,519	-10.4%	4,706	-14.0%	17,143	33,980	-49.5%
COMEX COPPER	HG	1,731,886	2,419,125	-28.4%	1,610,922	7.5%	7,043,330	9,541,642	-26.2%
COMEX MINY COPPER	QC	4,219	4,089	3.2%	3,943	7.0%	15,139	14,474	4.6%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	162	-100.0%
ALUMINUM	AEP	300	2,460	-87.8%	1,884	-84.1%	8,078	12,375	-34.7%
ALUMINUM	ALA	0	830	-100.0%	90	-100.0%	1,610	2,380	-32.4%
ALUMINUM	ALI	18,349	10,046	82.6%	5,872	212.5%	51,693	21,819	136.9%

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Metals Futures									
ALUMINUM	AUP	5,209	4,144	25.7%	6,559	-20.6%	21,270	26,604	-20.0%
ALUMINUM	CUP	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	EDP	2,338	1,640	42.6%	5,389	-56.6%	15,771	8,907	77.1%
ALUMINUM	MJP	0	0	0.0%	360	-100.0%	1,410	0	0.0%
COBALT METAL FUTURES	COB	589	255	131.0%	65	806.2%	1,837	832	120.8%
COPPER	HGS	2,353	4,290	-45.2%	1,101	113.7%	9,248	11,962	-22.7%
FERROUS PRODUCTS	BUS	1,495	1,457	2.6%	1,926	-22.4%	10,764	7,380	45.9%
GOLD	4GC	0	0	0.0%	0	0.0%	0	116	-100.0%
GOLD	SGC	889	58	1,432.8%	1,503	-40.9%	4,678	4,511	3.7%
GOLD	SGU	8,926	2,161	313.0%	12,617	-29.3%	45,041	11,494	291.9%
HOT ROLLED COIL STEEL FUTURES	EHR	1,664	1,116	49.1%	3,142	-47.0%	8,033	4,096	96.1%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	TIO	1,345	670	100.7%	745	80.5%	5,259	4,036	30.3%
METALS	HDG	150	0	0.0%	0	0.0%	207	43	381.4%
METALS	LTH	0	0	-	0	0.0%	0	0	-
METALS	PAC	0	0	-	0	0.0%	1,000	0	-
MICRO GOLD	MGC	1,009,552	914,872	10.3%	2,061,059	-51.0%	4,975,930	5,340,454	-6.8%
SILVER	SIL	155,403	134,515	15.5%	262,167	-40.7%	718,776	1,039,166	-30.8%
Metals Options									
ALUMINUM	ALO	0	600	-100.0%	0	0.0%	0	1,200	-100.0%
COMEX COPPER	HX	73,238	79,533	-7.9%	76,899	-4.8%	275,203	234,051	17.6%
COMEX GOLD	OG	758,701	578,514	31.1%	1,322,642	-42.6%	3,816,486	3,186,560	19.8%
COMEX SILVER	SO	95,661	113,395	-15.6%	151,653	-36.9%	445,208	741,349	-39.9%
COPPER	H1E	57	2	2,750.0%	94	-39.4%	421	17	2,376.5%
COPPER	H2E	260	10	2,500.0%	184	41.3%	774	26	2,876.9%
COPPER	H3E	26	5	420.0%	113	-77.0%	295	15	1,866.7%
COPPER	H4E	75	0	0.0%	61	23.0%	184	7	2,528.6%
COPPER	H5E	32	2	1,500.0%	0	0.0%	32	2	1,500.0%
GOLD	OG1	30,600	26,981	13.4%	76,682	-60.1%	211,149	164,607	28.3%
GOLD	OG2	35,844	25,277	41.8%	86,405	-58.5%	213,419	168,638	26.6%
GOLD	OG3	49,261	35,361	39.3%	75,523	-34.8%	216,034	157,382	37.3%
GOLD	OG4	43,382	23,261	86.5%	54,169	-19.9%	200,281	104,566	91.5%
GOLD	OG5	39,085	30,234	29.3%	0	0.0%	39,085	60,997	-35.9%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%



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Metals Options									
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	60	-100.0%	0	0.0%	0	280	-100.0%
NYMEX HOT ROLLED STEEL	HRO	675	300	125.0%	1,525	-55.7%	6,960	1,250	456.8%
NYMEX PLATINUM	PO	6,730	11,253	-40.2%	3,736	80.1%	28,853	14,721	96.0%
PALLADIUM	PAO	42	1,203	-96.5%	18	133.3%	90	2,893	-96.9%
SILVER	SO1	1,338	1,275	4.9%	4,935	-72.9%	20,985	8,564	145.0%
SILVER	SO2	3,198	1,726	85.3%	7,320	-56.3%	25,446	9,742	161.2%
SILVER	SO3	3,023	2,295	31.7%	5,007	-39.6%	17,773	9,296	91.2%
SILVER	SO4	2,713	969	180.0%	2,502	8.4%	14,997	4,112	264.7%
SILVER	SO5	2,289	1,156	98.0%	0	0.0%	2,289	2,833	-19.2%
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	0.0%	0	0.0%	0	2	-100.0%
Energy Futures		34,600,595	35,575,412	-2.7%	48,569,473	-28.8%	172,295,335	163,838,945	5.2%
Metals Futures		8,211,319	9,208,240	-10.8%	12,463,118	-34.1%	40,604,215	46,468,527	-12.6%
TOTAL FUTURES		42,811,914	44,783,652	-4.4%	61,032,591	-29.9%	212,899,550	210,307,474	1.2%
TOTAL OPTIONS GROUP									
Energy Options		4,906,014	3,821,762	28.4%	6,880,785	-28.7%	23,096,971	19,682,593	17.3%
Metals Options		1,146,230	933,412	22.8%	1,869,468	-38.7%	5,535,964	4,873,108	13.6%
TOTAL OPTIONS		6,052,244	4,755,174	27.3%	8,750,253	-30.8%	28,632,935	24,555,701	16.6%

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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2022	VOLUME APR 2021	% CHG	VOIUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
TOTAL COMBINED								
Ag Products	0	0	0.0%	0	-	0	2	-100.0%
Energy	39,506,609	39,397,174	0.3%	55,450,258	-28.8%	195,392,306	183,521,538	6.5%
Metals	9,357,549	10,141,652	-7.7%	14,332,586	-34.7%	46,140,179	51,341,635	-10.1%
GRAND TOTAL	48,864,158	49,538,826	-1.4%	69,782,844	-30.0%	241,532,485	234,863,175	2.8%