



## 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
<b>Ag Products Futures</b>									
COFFEE	KT	0	0	0.0%	0	0.0%	0	2	-100.0%
COTTON	TT	0	0	0.0%	0	-	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	-	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	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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<b>Energy Futures</b>									
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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<b>Energy Futures</b>									
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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<b>Energy Futures</b>									
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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<b>Energy Futures</b>									
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%
MCCLOSKY ARA ARGS COAL	MTF	5,321	8,573	-37.9%	11,249	-52.7%	30,098	59,850	-49.7%
MCCLOSKY 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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## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Energy Futures</b>									
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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## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Energy Futures</b>									
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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## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Energy Futures</b>									
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%



## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	MQA	0	0	-	90	-100.0%	138	0	-
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO OUTFRIGHT EURO	R5B	0	20	-100.0%	0	0.0%	0	46	-100.0%
PETRO OUTFRIGHT EURO	R5M	1,518	716	112.0%	2,773	-45.3%	8,480	2,301	268.5%
PETRO OUTFRIGHT EURO	R5O	816	981	-16.8%	2,451	-66.7%	5,952	3,320	79.3%
PETRO OUTFRIGHT EURO	RBM	10	0	0.0%	16	-37.5%	51	0	0.0%
PETRO OUTFRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTFRIGHT EURO	S5F	56	56	0.0%	154	-63.6%	556	483	15.1%
PETRO OUTFRIGHT EURO	S5M	1,743	1,295	34.6%	3,280	-46.9%	10,649	6,585	61.7%
PETRO OUTFRIGHT EURO	S5O	2,664	898	196.7%	5,369	-50.4%	14,541	4,177	248.1%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	TLB	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	UNB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	V0	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT NA	A8B	505	50	910.0%	30	1,583.3%	600	350	71.4%
PETRO OUTFRIGHT NA	AB6	100	0	0.0%	955	-89.5%	1,330	900	47.8%
PETRO OUTFRIGHT NA	BCR	555	2,225	-75.1%	800	-30.6%	13,170	8,660	52.1%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FCB	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT NA	H5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	JE	60	50	20.0%	0	0.0%	60	110	-45.5%
PETRO OUTFRIGHT NA	JET	275	50	450.0%	300	-8.3%	2,810	550	410.9%
PETRO OUTFRIGHT NA	JTB	475	0	0.0%	540	-12.0%	1,456	0	0.0%
PETRO OUTFRIGHT NA	MBL	90	276	-67.4%	135	-33.3%	605	389	55.5%
PETRO OUTFRIGHT NA	MEN	65	35	85.7%	75	-13.3%	386	204	89.2%
PETRO OUTFRIGHT NA	MEO	187	304	-38.5%	215	-13.0%	876	1,648	-46.8%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT 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%

## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Energy Futures</b>									
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%

## 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
<b>Energy Futures</b>									
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%
<b>Energy Options</b>									
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%



## 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
<b>Energy Options</b>									
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%



## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Energy Options</b>									
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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## 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
<b>Energy Options</b>									
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%
<b>Metals Futures</b>									
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%



## NYMEX/COMEX Exchange Volume Report - Monthly

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<b>Metals Futures</b>									
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%
<b>Metals Options</b>									
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%



## 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
<b>Metals Options</b>									
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%
<b>TOTAL FUTURES GROUP</b>									
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%
<b>TOTAL FUTURES</b>		<b>42,811,914</b>	<b>44,783,652</b>	<b>-4.4%</b>	<b>61,032,591</b>	<b>-29.9%</b>	<b>212,899,550</b>	<b>210,307,474</b>	<b>1.2%</b>
<b>TOTAL OPTIONS GROUP</b>									
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%
<b>TOTAL OPTIONS</b>		<b>6,052,244</b>	<b>4,755,174</b>	<b>27.3%</b>	<b>8,750,253</b>	<b>-30.8%</b>	<b>28,632,935</b>	<b>24,555,701</b>	<b>16.6%</b>



## 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
<b>TOTAL COMBINED</b>								
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%
<b>GRAND TOTAL</b>	<b>48,864,158</b>	<b>49,538,826</b>	<b>-1.4%</b>	<b>69,782,844</b>	<b>-30.0%</b>	<b>241,532,485</b>	<b>234,863,175</b>	<b>2.8%</b>