



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Ag Products Futures</b>									
COCOA TAS	CJ	0	0	0.0%	0	-	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	0.0%	2	0	0.0%
COTTON	TT	0	2	-100.0%	0	0.0%	0	15	-100.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	0	0.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	18,812,847	39,351,259	-52.2%	26,039,150	-27.8%	85,880,036	134,471,104	-36.1%
CRUDE OIL	WS	0	2,750	-100.0%	32	-100.0%	3,232	2,762	17.0%
MINY WTI CRUDE OIL	QM	439,802	1,704,550	-74.2%	587,214	-25.1%	1,593,997	4,194,769	-62.0%
BRENT OIL LAST DAY	BZ	1,969,463	3,106,434	-36.6%	3,042,024	-35.3%	9,076,532	12,779,711	-29.0%
HEATING OIL PHY	HO	2,510,601	3,880,605	-35.3%	3,758,310	-33.2%	12,858,508	18,843,695	-31.8%
HTG OIL	BH	60	48	25.0%	0	0.0%	60	48	25.0%
MINY HTG OIL	QH	9	3	200.0%	6	50.0%	28	20	40.0%
RBOB PHY	RB	3,733,196	3,936,028	-5.2%	4,517,716	-17.4%	16,188,343	18,979,955	-14.7%
MINY RBOB GAS	QU	13	6	116.7%	10	30.0%	36	28	28.6%
NATURAL GAS	HP	83,701	189,255	-55.8%	126,607	-33.9%	460,989	664,101	-30.6%
LTD NAT GAS	HH	252,554	269,427	-6.3%	252,356	0.1%	1,086,476	1,003,052	8.3%
MINY NATURAL GAS	QG	65,886	129,670	-49.2%	77,947	-15.5%	478,223	287,515	66.3%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	6,860,384	11,076,825	-38.1%	6,723,904	2.0%	32,443,306	46,625,074	-30.4%
RBOB GAS	RT	60	60	0.0%	0	0.0%	60	60	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0.0%	0	20	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	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%
ANR OKLAHOMA	NE	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	12,500	7,576	65.0%	10,320	21.1%	31,400	28,985	8.3%
ARGUS PROPAN FAR EST INDE	7E	4,886	5,428	-10.0%	5,474	-10.7%	23,424	23,485	-0.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,101	3,002	-63.3%	1,994	-44.8%	8,454	11,144	-24.1%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	600	-100.0%	600	1,080	-44.4%
BRENT CALENDAR SWAP	CY	9,750	11,748	-17.0%	11,345	-14.1%	30,152	47,000	-35.8%
BRENT FINANCIAL FUTURES	BB	1,000	0	0.0%	0	0.0%	4,000	0	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	185	-100.0%



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BRENT FINANCIAL FUTURES	MDB	0	0	-	0	0.0%	68	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	80	0	-	114	-29.8%	194	0	-
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	76,208	72,734	4.8%	72,875	4.6%	312,847	365,678	-14.4%
CHICAGO ULSD PL VS HO SPR	5C	265	1,115	-76.2%	265	0.0%	2,387	5,122	-53.4%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	255	-100.0%	425	310	37.1%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	-	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	0	1,128	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	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	0.0%
COAL SWAP	ACM	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	225	69	226.1%	247	-8.9%	647	1,617	-60.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	154	180	-14.4%	108	42.6%	497	763	-34.9%
CONWAY PROPANE 5 DECIMALS SWAP	8K	13,655	23,040	-40.7%	10,812	26.3%	46,724	77,458	-39.7%
CRUDE OIL	LPS	0	1,320	-100.0%	0	0.0%	0	3,270	-100.0%
CRUDE OIL LAST DAY	26	280	0	-	492	-43.1%	1,664	0	-
CRUDE OIL OUTRIGHTS	42	381	5,799	-93.4%	258	47.7%	1,460	7,864	-81.4%
CRUDE OIL OUTRIGHTS	CC5	2,370	510	364.7%	619	282.9%	7,089	2,385	197.2%
CRUDE OIL OUTRIGHTS	CSW	1,794	90	1,893.3%	1,285	39.6%	6,989	90	7,665.6%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	0.0%	0	280	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	660	-100.0%	2,190	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	58,605	102,523	-42.8%	58,326	0.5%	251,474	419,666	-40.1%
CRUDE OIL OUTRIGHTS	LSW	315	475	-33.7%	2,730	-88.5%	5,115	3,420	49.6%
CRUDE OIL OUTRIGHTS	WCW	4,455	1,940	129.6%	3,030	47.0%	21,957	12,010	82.8%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	2,036	829	145.6%	4,552	-55.3%	15,562	32,307	-51.8%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	ANT	0	570	-100.0%	200	-100.0%	817	850	-3.9%
CRUDE OIL SPRDS	HIL	0	1,000	-100.0%	0	0.0%	4,800	1,150	317.4%

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CRUDE OIL SPRDS	WTT	11,672	30,599	-61.9%	26,920	-56.6%	118,012	138,468	-14.8%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
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	0.0%
DAILY PJM	PNP	0	0	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	640	-100.0%
DATED TO FRONTLINE BRENT	FY	0	244	-100.0%	440	-100.0%	660	244	170.5%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	0.0%	30	0	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	-	0	0	0.0%
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	300	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	3,970	-100.0%	0	0.0%	0	10,650	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	77,121	37,794	104.1%	68,014	13.4%	220,966	146,585	50.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	997	804	24.0%	846	17.8%	2,568	4,225	-39.2%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	-	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	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	0.0%
ETHANOL	MTH	10	0	0.0%	0	0.0%	10	30	-66.7%
ETHANOL	Z1B	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	MT2	60	160	-62.5%	168	-64.3%	398	503	-20.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,095	2,979	37.5%	2,388	71.5%	15,510	22,872	-32.2%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	-	0	0	0.0%

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EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0.0%	0	35	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0.0%	0	22	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	12	-100.0%	803	75	970.7%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	12	0	0.0%
EUROPE 1% FUEL OIL RDAM C	UH	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	37	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	1	186	-99.5%	15	-93.3%	216	1,581	-86.3%
EUROPEAN GASOIL (ICE)	7F	10	45	-77.8%	4,184	-99.8%	4,264	303	1,307.3%
EUROPEAN NAPHTHA BALMO	KZ	8	7	14.3%	0	0.0%	16	17	-5.9%
EUROPEAN NAPHTHA CRACK SPR	EN	704	1,059	-33.5%	520	35.4%	2,839	8,247	-65.6%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	710	-100.0%	710	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	UN	393	539	-27.1%	444	-11.5%	1,955	2,715	-28.0%
EURO PROPANE CIF ARA SWA	PS	1,298	1,665	-22.0%	1,329	-2.3%	6,486	8,820	-26.5%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0.0%	0	735	-100.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	0.0%	0	15	-100.0%
FREIGHT MARKETS	BF2	9	258	-96.5%	5	80.0%	104	438	-76.3%
FREIGHT MARKETS	BF3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLJ	15	0	-	0	-	15	0	-
FREIGHT MARKETS	FLP	66	755	-91.3%	103	-35.9%	486	1,014	-52.1%
FREIGHT MARKETS	FRC	0	0	0.0%	70	-100.0%	70	40	75.0%
FREIGHT MARKETS	FRS	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T2D	0	0	0.0%	155	-100.0%	155	480	-67.7%
FREIGHT MARKETS	T7C	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	TD3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0.0%	0	90	-100.0%
FREIGHT MARKETS	USE	0	0	-	90	-100.0%	90	0	-
FUEL OIL CRACK VS ICE	FO	0	330	-100.0%	255	-100.0%	1,288	1,805	-28.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	-	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	7	-100.0%	0	0.0%	0	51	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	256	1,515	-83.1%	812	-68.5%	2,249	9,397	-76.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,224	10,007	-87.8%	7,024	-82.6%	19,872	32,715	-39.3%

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<b>Energy Futures</b>									
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	30	0	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	5	25	-80.0%	0	0.0%	50	55	-9.1%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	200	36	455.6%	207	-3.4%	609	201	203.0%
GASOIL CRACK SPREAD CALEN	GZ	0	36	-100.0%	2,235	-100.0%	3,735	11,207	-66.7%
GASOIL MINI CALENDAR SWAP	QA	425	525	-19.0%	664	-36.0%	1,648	2,981	-44.7%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	498	-100.0%	0	0.0%	48	8,890	-99.5%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	4,315	6,026	-28.4%	5,335	-19.1%	19,940	18,402	8.4%
GRP THREE UNL GS (PLT) VS	A8	760	3,055	-75.1%	4,050	-81.2%	11,470	14,328	-19.9%
GULF COAST 3% FUEL OIL BA	VZ	0	272	-100.0%	0	0.0%	0	2,104	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	450	-100.0%	0	0.0%	0	906	-100.0%
GULF COAST JET VS NYM 2 H	ME	22,267	19,282	15.5%	23,797	-6.4%	93,366	91,263	2.3%
GULF COAST NO.6 FUEL OIL	MF	1,397	11,154	-87.5%	3,047	-54.2%	11,161	76,307	-85.4%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0.0%	0	482	-100.0%
GULF COAST ULSD CALENDAR	LY	940	2,070	-54.6%	890	5.6%	2,433	4,599	-47.1%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	1,065	-100.0%
HEATING OIL BALMO CLNDR S	1G	0	537	-100.0%	700	-100.0%	1,201	1,112	8.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	2,450	0	0.0%
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	4,280	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	0.0%	0	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	0.0%	0	5,992	-100.0%
HENRY HUB SWAP	NN	31,133	77,963	-60.1%	22,454	38.7%	99,969	325,841	-69.3%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	756	4,938	-84.7%	1,567	-51.8%	3,407	25,145	-86.5%
ICE GASOIL BALMO SWAP	U9	20	0	-	26	-23.1%	46	0	-
INDIANA MISO	FAD	0	0	0.0%	0	-	0	0	0.0%
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	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	355	255	39.2%	290	22.4%	890	787	13.1%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	0	150	-100.0%



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JAPAN C&F NAPHTHA SWAP	JA	97	154	-37.0%	77	26.0%	273	789	-65.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	0	28	-100.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	117	0	0.0%	160	-26.9%	511	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	-	0	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	1,100	2,053	-46.4%	250	340.0%	3,587	9,435	-62.0%
JKM LNG Futures	JKM	389	0	0.0%	1,178	-67.0%	1,667	2,380	-30.0%
LA CARB DIESEL (OPIS) SWA	KL	50	745	-93.3%	100	-50.0%	695	2,175	-68.0%
LA CARBOB GASOLINE(OPIS)S	JL	100	175	-42.9%	0	0.0%	100	550	-81.8%
LA JET (OPIS) SWAP	JS	200	520	-61.5%	280	-28.6%	1,185	3,615	-67.2%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	360	4,845	-92.6%	240	50.0%	970	6,405	-84.9%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	150	0	0.0%	650	-76.9%	1,300	2,480	-47.6%
MARS (ARGUS) VS WTI TRD M	YV	20,470	12,053	69.8%	16,591	23.4%	77,793	65,304	19.1%
MARS BLEND CRUDE OIL	MB	0	0	-	0	0.0%	0	0	-
MCCLOSKEY ARA ARGS COAL	MTF	8,573	24,124	-64.5%	16,669	-48.6%	59,850	104,785	-42.9%
MCCLOSKEY RCH BAY COAL	MFF	641	1,226	-47.7%	1,333	-51.9%	3,805	5,857	-35.0%
MGF FUT	MGF	0	0	0.0%	0	-	0	0	0.0%
MGN1 SWAP FUT	MGN	0	30	-100.0%	0	0.0%	0	240	-100.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	45	9	400.0%	10	350.0%	75	86	-12.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	170	-100.0%	105	-100.0%	161	840	-80.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	811	501	61.9%	696	16.5%	2,748	3,115	-11.8%
MJC FUT	MJC	20	0	0.0%	0	0.0%	20	0	0.0%
MNC FUT	MNC	525	1,456	-63.9%	329	59.6%	1,634	7,477	-78.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	22,852	16,968	34.7%	29,329	-22.1%	99,110	69,712	42.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	145	153	-5.2%	500	-71.0%	1,600	358	346.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	172,869	215,405	-19.7%	184,800	-6.5%	724,168	800,994	-9.6%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	5,656	3,470	63.0%	3,856	46.7%	16,581	13,087	26.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	7,619	49,840	-84.7%	19,003	-59.9%	53,594	165,529	-67.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	475	1,124	-57.7%	905	-47.5%	2,191	3,499	-37.4%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	39,106	80,818	-51.6%	46,321	-15.6%	180,001	309,210	-41.8%

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 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
MONT BELVIEU NORMAL BUTANE BALMO	8J	776	2,518	-69.2%	2,406	-67.7%	5,616	6,360	-11.7%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	30,455	83,316	-63.4%	45,710	-33.4%	213,809	225,879	-5.3%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	13,992	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	768	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	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	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	350	555	-36.9%	165	112.1%	685	3,178	-78.4%
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	0.0%
NGPL TEX/OK	PD	0	0	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	225	-100.0%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	-	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	-	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	670	-100.0%	0	0.0%	0	2,038	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	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	776	2,825	-72.5%	1,460	-46.8%	4,276	19,926	-78.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	300	0	0.0%	330	-9.1%	1,570	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	225	1,072	-79.0%	100	125.0%	774	5,700	-86.4%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	2,820	1,135	148.5%	1,515	86.1%	8,042	6,011	33.8%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	NRS	0	0	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	0.0%
NYISO ZONE A 5MW D AH PK	K3	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	0.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG	
<b>Energy Futures</b>									
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	200	-100.0%	0	0.0%	0	500	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	750	-100.0%	0	0.0%	50	2,722	-98.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	-	0	0	0.0%
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	0.0%
PETROCHEMICALS	22	152	162	-6.2%	149	2.0%	609	643	-5.3%
PETROCHEMICALS	32	26	123	-78.9%	39	-33.3%	295	386	-23.6%
PETROCHEMICALS	3NA	27	0	0.0%	16	68.8%	52	6	766.7%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	5	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	0	60	-100.0%
PETROCHEMICALS	8I	2,230	652	242.0%	934	138.8%	5,547	2,948	88.2%
PETROCHEMICALS	91	472	263	79.5%	295	60.0%	1,554	1,643	-5.4%
PETROCHEMICALS	MAA	0	160	-100.0%	0	0.0%	100	175	-42.9%
PETROCHEMICALS	MAE	430	945	-54.5%	440	-2.3%	2,240	2,652	-15.5%
PETROCHEMICALS	MAS	178	382	-53.4%	120	48.3%	668	1,498	-55.4%
PETROCHEMICALS	MBE	60	30	100.0%	70	-14.3%	180	770	-76.6%
PETROCHEMICALS	MNB	53	72	-26.4%	0	0.0%	452	462	-2.2%
PETROCHEMICALS	MPS	332	678	-51.0%	181	83.4%	1,218	1,195	1.9%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	-	0	0	0.0%
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	150	-100.0%
PETRO CRCKS & SPRDS NA	CRB	20,275	24,545	-17.4%	27,715	-26.8%	97,180	68,200	42.5%
PETRO CRCKS & SPRDS NA	EXR	683	733	-6.8%	667	2.4%	3,447	7,158	-51.8%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	100	1,365	-92.7%	0	0.0%	100	2,040	-95.1%
PETRO CRCKS & SPRDS NA	GCC	0	195	-100.0%	0	0.0%	0	405	-100.0%
PETRO CRCKS & SPRDS NA	GCI	20	55	-63.6%	125	-84.0%	370	4,671	-92.1%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	1,015	-100.0%	30	-100.0%	580	12,948	-95.5%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	252	-100.0%	150	-100.0%	350	7,553	-95.4%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	MFR	0	0	-	12	-100.0%	19	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	1,201	2,324	-48.3%	4,215	-71.5%	6,155	20,674	-70.2%
PETRO CRCKS & SPRDS NA	RVG	1,495	5,280	-71.7%	2,584	-42.1%	7,291	36,992	-80.3%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO CRK&SPRD EURO	1NB	0	250	-100.0%	48	-100.0%	48	3,085	-98.4%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	9	0	0.0%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	5	40	-87.5%	267	-98.1%	317	266	19.2%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	5	-100.0%	5	10	-50.0%
PETRO CRK&SPRD EURO	EPN	457	349	30.9%	623	-26.6%	1,992	2,155	-7.6%
PETRO CRK&SPRD EURO	EVC	60	50	20.0%	75	-20.0%	180	203	-11.3%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	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	100	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	NOB	9	76	-88.2%	16	-43.8%	64	353	-81.9%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	1NM	210	94	123.4%	160	31.3%	420	634	-33.8%
PETROLEUM PRODUCTS	BEB	3	0	-	0	-	3	0	-
PETROLEUM PRODUCTS	BEF	1	0	-	0	-	1	0	-
PETROLEUM PRODUCTS	CMS	0	0	-	110	-100.0%	110	0	-
PETROLEUM PRODUCTS	EWG	0	375	-100.0%	0	0.0%	250	4,045	-93.8%
PETROLEUM PRODUCTS	H5F	0	50	-100.0%	0	0.0%	0	3,013	-100.0%
PETROLEUM PRODUCTS	JCC	436	460	-5.2%	60	626.7%	496	1,085	-54.3%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	100	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	0.0%	14	0	-
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	0	0.0%	0	0.0%	0	2	-100.0%
PETROLEUM PRODUCTS	R5F	13	4	225.0%	41	-68.3%	139	43	223.3%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	29	-100.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	0.0%	0	0	-



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG	
<b>Energy Futures</b>									
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	30	360	-91.7%	281	-89.3%	311	720	-56.8%
PETROLEUM PRODUCTS ASIA	E6M	0	45	-100.0%	0	0.0%	0	75	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	200	423	-52.7%	230	-13.0%	520	2,070	-74.9%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0B	0	2	-100.0%	0	0.0%	0	100	-100.0%
PETRO OUTFRIGHT EURO	0C	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0D	111	272	-59.2%	96	15.6%	349	1,486	-76.5%
PETRO OUTFRIGHT EURO	0E	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0F	0	80	-100.0%	0	0.0%	9	493	-98.2%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	40	-100.0%	0	0.0%	0	64	-100.0%
PETRO OUTFRIGHT EURO	63	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	7I	0	0	0.0%	0	0.0%	0	45	-100.0%
PETRO OUTFRIGHT EURO	7R	0	5	-100.0%	0	0.0%	5	65	-92.3%
PETRO OUTFRIGHT EURO	88	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	65	-100.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	7	-100.0%
PETRO OUTFRIGHT EURO	CPB	495	438	13.0%	931	-46.8%	2,632	954	175.9%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	12	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	0	10	-100.0%	90	-100.0%	317	178	78.1%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTFRIGHT EURO	GNO	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	270	-100.0%
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	0.0%	10	0	-
PETRO OUTFRIGHT EURO	M1B	902	36	2,405.6%	978	-7.8%	4,356	1,774	145.5%
PETRO OUTFRIGHT EURO	M35	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	MBB	20	0	0.0%	0	0.0%	150	0	0.0%
PETRO OUTFRIGHT EURO	MBN	230	387	-40.6%	525	-56.2%	2,206	1,381	59.7%
PETRO OUTFRIGHT EURO	MEF	180	140	28.6%	635	-71.7%	1,270	361	251.8%
PETRO OUTFRIGHT EURO	R53	0	0	0.0%	45	-100.0%	60	157	-61.8%
PETRO OUTFRIGHT EURO	R5B	20	0	0.0%	26	-23.1%	46	10	360.0%
PETRO OUTFRIGHT EURO	R5M	716	449	59.5%	801	-10.6%	2,301	1,819	26.5%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	R5O	981	620	58.2%	1,063	-7.7%	3,320	2,115	57.0%
PETRO OUTFRIGHT EURO	RBM	0	18	-100.0%	0	0.0%	0	39	-100.0%
PETRO OUTFRIGHT EURO	S5B	0	0	-	0	0.0%	0	0	-
PETRO OUTFRIGHT EURO	S5F	56	190	-70.5%	135	-58.5%	483	427	13.1%
PETRO OUTFRIGHT EURO	S5M	1,295	1,606	-19.4%	1,844	-29.8%	6,585	6,073	8.4%
PETRO OUTFRIGHT EURO	S5O	898	843	6.5%	1,155	-22.3%	4,177	2,116	97.4%
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	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	TMB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETRO OUTFRIGHT EURO	UNB	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	A8B	50	0	-	175	-71.4%	350	0	-
PETRO OUTFRIGHT NA	AB6	0	50	-100.0%	25	-100.0%	900	50	1,700.0%
PETRO OUTFRIGHT NA	BCR	2,225	175	1,171.4%	3,260	-31.7%	8,660	175	4,848.6%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	H5B	0	225	-100.0%	0	0.0%	0	1,584	-100.0%
PETRO OUTFRIGHT NA	JE	50	240	-79.2%	0	0.0%	110	720	-84.7%
PETRO OUTFRIGHT NA	JET	50	350	-85.7%	0	0.0%	550	2,900	-81.0%
PETRO OUTFRIGHT NA	JTB	0	100	-100.0%	0	0.0%	0	1,615	-100.0%
PETRO OUTFRIGHT NA	MBL	276	0	0.0%	0	0.0%	389	11	3,436.4%
PETRO OUTFRIGHT NA	MEN	35	108	-67.6%	59	-40.7%	204	393	-48.1%
PETRO OUTFRIGHT NA	MEO	304	1,457	-79.1%	380	-20.0%	1,648	5,528	-70.2%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	38	-100.0%
PETRO OUTFRIGHT NA	MMF	0	0	0.0%	0	0.0%	0	70	-100.0%
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 BGE DA OFF-PEAK	R3	0	0	0.0%	0	-	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	-	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	-	0	0	0.0%
PJM COMED 5MW D AH PK	D8	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	0.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG	
<b>Energy Futures</b>									
PJM DAYTON DA PEAK	D7	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	0.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	-	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	-	0	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	JP	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	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	J4	0	0	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	8,902	-100.0%
PLASTICS	PGP	869	908	-4.3%	1,954	-55.5%	8,217	3,924	109.4%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0.0%	0	158	-100.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	-	0	0	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,017	1,760	14.6%	1,174	71.8%	6,659	8,397	-20.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	10,743	22,876	-53.0%	17,578	-38.9%	79,080	92,900	-14.9%
RBOB CALENDAR SWAP	RL	9,560	7,705	24.1%	7,299	31.0%	22,905	23,579	-2.9%
RBOB CRACK SPREAD	RM	4,170	975	327.7%	1,935	115.5%	10,182	6,715	51.6%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	-	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	372	1,241	-70.0%	30	1,140.0%	1,047	2,521	-58.5%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	890	-100.0%	405	-100.0%	405	2,390	-83.1%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	0	41	-100.0%
SINGAPORE 380CST BALMO	BT	0	2	-100.0%	0	0.0%	0	39	-100.0%
SINGAPORE 380CST FUEL OIL	SE	319	241	32.4%	225	41.8%	732	1,466	-50.1%
SINGAPORE FUEL 180CST CAL	UA	0	10	-100.0%	0	0.0%	0	134	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	0	80	-100.0%
SINGAPORE GASOIL	MAF	279	316	-11.7%	156	78.8%	908	1,036	-12.4%
SINGAPORE GASOIL	MTB	0	20	-100.0%	16	-100.0%	24	62	-61.3%

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
SINGAPORE GASOIL	MTS	272	327	-16.8%	638	-57.4%	1,363	2,391	-43.0%
SINGAPORE GASOIL	SBM	7	22	-68.2%	20	-65.0%	75	74	1.4%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	267	715	-62.7%	747	-64.3%	3,307	4,008	-17.5%
SINGAPORE GASOIL SWAP	SG	1,308	1,868	-30.0%	972	34.6%	7,196	5,777	24.6%
SINGAPORE GASOIL VS ICE	GA	0	135	-100.0%	1,281	-100.0%	2,951	252	1,071.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	345	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	300	-100.0%	300	0	0.0%
SINGAPORE JET KEROSENE SW	KS	100	190	-47.4%	325	-69.2%	425	4,548	-90.7%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	300	-100.0%	300	25	1,100.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	622	1,370	-54.6%	825	-24.6%	1,902	17,780	-89.3%
SING FUEL	MSD	0	0	0.0%	0	-	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	90	-100.0%	105	0	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	45	-100.0%	135	140	-3.6%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	2,575	734	250.8%	2,075	24.1%	8,680	14,497	-40.1%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	179	-100.0%	0	0.0%	2,485	1,740	42.8%
ULSD UP-DOWN BALMO SWP	1L	3,070	4,480	-31.5%	7,510	-59.1%	21,244	31,060	-31.6%
UP DOWN GC ULSD VS NMX HO	LT	22,660	62,737	-63.9%	33,661	-32.7%	118,863	222,656	-46.6%
WAHA BASIS	NW	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	37,259	38,278	-2.7%	66,404	-43.9%	161,611	210,646	-23.3%
WTI CALENDAR	CS	42,954	145,984	-70.6%	67,830	-36.7%	211,301	321,965	-34.4%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	1,755	300	485.0%
WTS (ARGUS) VS WTI SWAP	FF	717	8,974	-92.0%	4,350	-83.5%	16,168	33,968	-52.4%
WTS (ARGUS) VS WTI TRD MT	FH	0	2,930	-100.0%	1,800	-100.0%	2,790	7,910	-64.7%

### Energy Options

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0.0%	704	0	0.0%
BRENT CRUDE OIL 1 M CSO	9C	1,000	25	3,900.0%	9,000	-88.9%	70,000	21,825	220.7%
BRENT OIL LAST DAY	BE	28,895	75,962	-62.0%	23,908	20.9%	110,504	148,012	-25.3%
BRENT OIL LAST DAY	BZO	38,536	46,273	-16.7%	47,214	-18.4%	145,800	283,570	-48.6%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	0	0.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	20	0	-	70	-71.4%	360	0	-
COAL API2 INDEX	F2Q	150	0	-	200	-25.0%	610	0	-
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	140,150	247,857	-43.5%	156,650	-10.5%	617,880	1,050,500	-41.2%
CRUDE OIL APO	AO	42,002	52,098	-19.4%	35,808	17.3%	144,394	301,475	-52.1%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%	0	750	-100.0%
CRUDE OIL PHY	LC	6,522	33,200	-80.4%	8,424	-22.6%	33,579	61,503	-45.4%
CRUDE OIL PHY	LO	1,906,095	3,288,317	-42.0%	2,948,156	-35.3%	9,298,219	14,283,746	-34.9%
CRUDE OIL PHY	LO1	6,509	17,396	-62.6%	22,879	-71.6%	45,635	134,071	-66.0%
CRUDE OIL PHY	LO2	9,389	19,599	-52.1%	9,221	1.8%	41,934	74,369	-43.6%
CRUDE OIL PHY	LO3	6,941	9,757	-28.9%	10,290	-32.5%	31,281	82,825	-62.2%
CRUDE OIL PHY	LO4	10,421	21,897	-52.4%	14,356	-27.4%	49,476	125,335	-60.5%
CRUDE OIL PHY	LO5	12,071	0	0.0%	0	0.0%	24,123	38,149	-36.8%
ELEC FINSETTLED	PJN	0	0	-	0	0.0%	0	0	-
ETHANOL SWAP	CVR	2,765	1,645	68.1%	2,770	-0.2%	9,376	12,134	-22.7%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	480	-100.0%
FREIGHT MARKETS	TDT	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	0.0%	330	0	-
HEATING OIL PHY	LB	75	0	0.0%	13	476.9%	213	2,709	-92.1%
HEATING OIL PHY	OH	4,038	12,209	-66.9%	7,041	-42.7%	22,775	81,423	-72.0%
HENRY HUB FINANCIAL LAST	E7	7,813	9,368	-16.6%	7,954	-1.8%	50,010	27,186	84.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	0	100	-100.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WTO	0	0	-	0	0.0%	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	540	-100.0%	0	0.0%	300	1,965	-84.7%

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<b>Energy Options</b>									
MCCLOSKEY RCH BAY COAL	MFO	0	50	-100.0%	0	0.0%	0	200	-100.0%
NATURAL GAS 1 M CSO FIN	G4	31,550	55,100	-42.7%	17,800	77.2%	176,799	364,351	-51.5%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	5,800	-100.0%	5,800	3,750	54.7%
NATURAL GAS 3 M CSO FIN	G3	23,393	33,530	-30.2%	16,363	43.0%	65,631	144,905	-54.7%
NATURAL GAS 5 M CSO FIN	G5	2,500	4,000	-37.5%	6,650	-62.4%	9,150	10,450	-12.4%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	7,450	-100.0%	67,700	132,400	-48.9%
NATURAL GAS OPT	JKO	1,450	0	-	4,550	-68.1%	6,200	0	-
NATURAL GAS OPT	TFO	20,290	0	0.0%	21,380	-5.1%	77,370	3,000	2,479.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	5,400	3,820	41.4%	7,100	-23.9%	15,200	14,460	5.1%
NATURAL GAS PHY	KD	2,100	5,728	-63.3%	3,100	-32.3%	9,175	19,009	-51.7%
NATURAL GAS PHY	LN	1,296,598	2,786,900	-53.5%	1,576,625	-17.8%	7,685,840	10,240,667	-24.9%
NATURAL GAS PHY	ON	54,881	128,085	-57.2%	78,313	-29.9%	359,384	645,616	-44.3%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	0.0%	0	0	-
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0.0%	0	600	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	981	1,042	-5.9%	1,097	-10.6%	3,192	12,696	-74.9%
PETROCHEMICALS	4H	14	62	-77.4%	628	-97.8%	1,769	205	762.9%
PETROCHEMICALS	4J	400	0	0.0%	0	0.0%	400	30	1,233.3%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	126	-100.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT NA	DAP	90	200	-55.0%	90	0.0%	750	955	-21.5%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	620	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	-	0	0	0.0%
RBOB CALENDAR SWAP	RA	418	0	0.0%	72	480.6%	1,120	150	646.7%
RBOB CRACK	RX	0	0	0.0%	0	-	0	0	0.0%
RBOB PHY	OB	9,770	11,983	-18.5%	9,232	5.8%	30,146	43,703	-31.0%
RBOB PHY	RF	60	250	-76.0%	79	-24.1%	214	543	-60.6%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	50	100	-50.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	100	200	-50.0%
SHORT TERM	U13	200	0	0.0%	0	0.0%	200	500	-60.0%
SHORT TERM	U14	0	100	-100.0%	0	0.0%	0	200	-100.0%



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<b>Energy Options</b>									
SHORT TERM	U15	0	100	-100.0%	0	0.0%	0	300	-100.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U24	0	0	0.0%	100	-100.0%	100	50	100.0%
SHORT TERM	U25	0	0	-	0	0.0%	300	0	-
SHORT TERM	U26	75	0	0.0%	0	-	75	0	0.0%
SHORT TERM NATURAL GAS	U01	0	400	-100.0%	0	0.0%	75	500	-85.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U03	0	300	-100.0%	0	0.0%	100	450	-77.8%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	100	150	-33.3%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	200	350	-42.9%
SHORT TERM NATURAL GAS	U06	350	0	0.0%	0	0.0%	350	0	0.0%
SHORT TERM NATURAL GAS	U07	75	0	0.0%	0	0.0%	75	400	-81.3%
SHORT TERM NATURAL GAS	U08	50	300	-83.3%	0	0.0%	50	300	-83.3%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	200	0	0.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U16	0	100	-100.0%	75	-100.0%	75	100	-25.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	150	-100.0%	150	100	50.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	0	175	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	0	250	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	0	350	-100.0%
SHORT TERM NATURAL GAS	U29	0	600	-100.0%	0	0.0%	0	900	-100.0%
SHORT TERM NATURAL GAS	U30	150	100	50.0%	0	0.0%	150	1,025	-85.4%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	0	150	-100.0%
WTI-BRENT BULLET SWAP	BV	40,300	74,955	-46.2%	12,400	225.0%	134,575	376,130	-64.2%
WTI CRUDE OIL 1 M CSO FI	7A	107,275	143,680	-25.3%	78,800	36.1%	332,175	408,300	-18.6%
<b>Metals Futures</b>									
COMEX GOLD	GC	3,590,449	4,286,508	-16.2%	6,266,155	-42.7%	20,590,805	32,406,511	-36.5%
NYMEX HOT ROLLED STEEL	HR	21,954	14,865	47.7%	20,714	6.0%	88,584	72,912	21.5%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOLUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Metals Futures</b>									
NYMEX PLATINUM	PL	275,683	218,691	26.1%	512,365	-46.2%	1,450,693	1,898,621	-23.6%
PALLADIUM	PA	33,356	23,544	41.7%	45,404	-26.5%	186,249	376,650	-50.6%
URANIUM	UX	0	5	-100.0%	400	-100.0%	400	1,835	-78.2%
COMEX SILVER	SI	1,762,614	1,357,763	29.8%	1,580,534	11.5%	7,967,480	8,160,881	-2.4%
COMEX E-Mini GOLD	QO	17,937	30,108	-40.4%	27,677	-35.2%	97,883	167,115	-41.4%
COMEX E-Mini SILVER	QI	4,519	4,530	-0.2%	5,596	-19.2%	33,980	18,513	83.5%
COMEX COPPER	HG	2,419,125	1,761,078	37.4%	2,332,522	3.7%	9,541,642	8,981,741	6.2%
COMEX MINY COPPER	QC	4,089	484	744.8%	4,302	-5.0%	14,474	2,269	537.9%
ALUMINUM	A38	0	0	0.0%	162	-100.0%	162	0	0.0%
ALUMINUM	AEP	2,460	4,684	-47.5%	6,219	-60.4%	12,375	22,948	-46.1%
ALUMINUM	ALA	830	10	8,200.0%	720	15.3%	2,380	710	235.2%
ALUMINUM	ALI	10,046	1,716	485.4%	7,916	26.9%	21,819	10,962	99.0%
ALUMINUM	AUP	4,144	10,949	-62.2%	10,144	-59.1%	26,604	43,700	-39.1%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	50	-100.0%
ALUMINUM	EDP	1,640	9,176	-82.1%	3,554	-53.9%	8,907	25,650	-65.3%
ALUMINUM	MJP	0	1,065	-100.0%	0	0.0%	0	7,315	-100.0%
COBALT METAL FUTURES	COB	255	0	-	365	-30.1%	832	0	-
COPPER	HGS	4,290	5,751	-25.4%	2,124	102.0%	11,962	12,102	-1.2%
FERROUS PRODUCTS	BUS	1,457	5,078	-71.3%	1,717	-15.1%	7,380	11,207	-34.1%
GOLD	4GC	0	1	-100.0%	0	0.0%	116	1	11,500.0%
GOLD	SGC	58	1,496	-96.1%	2,052	-97.2%	4,511	9,919	-54.5%
GOLD	SGU	2,161	1,264	71.0%	2,880	-25.0%	11,494	33,771	-66.0%
HOT ROLLED COIL STEEL FUTURES	EHR	1,116	525	112.6%	1,083	3.0%	4,096	575	612.3%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	1,583	-100.0%	0	0.0%	0	11,525	-100.0%
IRON ORE CHINA	TIO	670	0	-	1,064	-37.0%	4,036	0	-
LNDN ZINC	ZNC	0	0	0.0%	0	-	0	0	0.0%
METALS	HDG	0	0	-	0	0.0%	43	0	-
MICRO GOLD	MGC	914,872	1,595,126	-42.6%	1,316,368	-30.5%	5,340,454	5,085,505	5.0%
SILVER	SIL	134,515	33,662	299.6%	314,949	-57.3%	1,039,166	184,782	462.4%
<b>Metals Options</b>									
ALUMINUM	ALO	600	0	0.0%	600	0.0%	1,200	150	700.0%
COMEX COPPER	HX	79,533	38,270	107.8%	62,206	27.9%	234,051	277,477	-15.7%
COMEX GOLD	OG	578,514	956,971	-39.5%	835,054	-30.7%	3,186,560	6,268,058	-49.2%

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## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2021	VOLUME APR 2020	% CHG	VOIUME MAR 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Metals Options</b>									
COMEX SILVER	SO	113,395	130,833	-13.3%	156,380	-27.5%	741,349	857,345	-13.5%
COPPER	H1E	2	111	-98.2%	4	-50.0%	17	1,083	-98.4%
COPPER	H2E	10	12	-16.7%	6	66.7%	26	686	-96.2%
COPPER	H3E	5	110	-95.5%	3	66.7%	15	732	-98.0%
COPPER	H4E	0	0	0.0%	2	-100.0%	7	370	-98.1%
COPPER	H5E	2	0	0.0%	0	0.0%	2	692	-99.7%
GOLD	OG1	26,981	25,868	4.3%	63,387	-57.4%	164,607	180,622	-8.9%
GOLD	OG2	25,277	25,228	0.2%	55,322	-54.3%	168,638	185,423	-9.1%
GOLD	OG3	35,361	39,512	-10.5%	37,712	-6.2%	157,382	164,600	-4.4%
GOLD	OG4	23,261	19,536	19.1%	16,994	36.9%	104,566	145,019	-27.9%
GOLD	OG5	30,234	0	0.0%	0	0.0%	60,997	36,033	69.3%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	0	75	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	30	-100.0%	0	0.0%	0	1,410	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	625	-100.0%	0	0.0%	0	6,005	-100.0%
IRON ORE CHINA	ICT	60	0	-	100	-40.0%	280	0	-
NYMEX HOT ROLLED STEEL	HRO	300	0	-	500	-40.0%	1,250	0	-
NYMEX PLATINUM	PO	11,253	2,246	401.0%	858	1,211.5%	14,721	20,758	-29.1%
PALLADIUM	PAO	1,203	226	432.3%	1,052	14.4%	2,893	5,514	-47.5%
SILVER	SO1	1,275	765	66.7%	1,789	-28.7%	8,564	13,474	-36.4%
SILVER	SO2	1,726	1,022	68.9%	3,643	-52.6%	9,742	13,138	-25.8%
SILVER	SO3	2,295	906	153.3%	2,062	11.3%	9,296	11,550	-19.5%
SILVER	SO4	969	329	194.5%	936	3.5%	4,112	8,869	-53.6%
SILVER	SO5	1,156	0	0.0%	0	0.0%	2,833	3,203	-11.6%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	2	-100.0%	0	0.0%	2	15	-86.7%
Energy Futures		35,575,412	64,971,308	-45.2%	46,138,497	-22.9%	163,838,945	243,010,832	-32.6%
Metals Futures		9,208,240	9,369,662	-1.7%	12,466,986	-26.1%	46,468,527	57,547,770	-19.3%
<b>TOTAL FUTURES</b>		<b>44,783,652</b>	<b>74,340,972</b>	<b>-39.8%</b>	<b>58,605,483</b>	<b>-23.6%</b>	<b>210,307,474</b>	<b>300,558,617</b>	<b>-30.0%</b>

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<b>TOTAL OPTIONS GROUP</b>								
Energy Options	3,821,762	7,087,528	-46.1%	5,151,808	-25.8%	19,682,593	29,162,249	-32.5%
Metals Options	933,412	1,242,600	-24.9%	1,238,610	-24.6%	4,873,108	8,202,286	-40.6%
<b>TOTAL OPTIONS</b>	<b>4,755,174</b>	<b>8,330,128</b>	<b>-42.9%</b>	<b>6,390,418</b>	<b>-25.6%</b>	<b>24,555,701</b>	<b>37,364,535</b>	<b>-34.3%</b>
<b>TOTAL COMBINED</b>								
Ag Products	0	2	-100.0%	0	-	2	15	-86.7%
Energy	39,397,174	72,058,836	-45.3%	51,290,305	-23.2%	183,521,538	272,173,081	-32.6%
Metals	10,141,652	10,612,262	-4.4%	13,705,596	-26.0%	51,341,635	65,750,056	-21.9%
<b>GRAND TOTAL</b>	<b>49,538,826</b>	<b>82,671,100</b>	<b>-40.1%</b>	<b>64,995,901</b>	<b>-23.8%</b>	<b>234,863,175</b>	<b>337,923,152</b>	<b>-30.5%</b>